

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078274.D
 Acq On : 19 Jun 2023 12:59
 Operator : JC\MD
 Sample : VN0619MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 19 16:03:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	336650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	607861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	529894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	200964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	225635	50.269	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.540%			
35) Dibromofluoromethane	8.177	113	183556	47.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.520%			
50) Toluene-d8	10.571	98	675947	45.620	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.240%			
62) 4-Bromofluorobenzene	12.853	95	211447	45.905	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	64081	16.839	ug/l	97
3) Chloromethane	2.371	50	72518	19.130	ug/l	97
4) Vinyl Chloride	2.524	62	93680	18.800	ug/l	98
5) Bromomethane	2.965	94	78972	20.970	ug/l	98
6) Chloroethane	3.130	64	71958	21.183	ug/l	97
7) Trichlorofluoromethane	3.506	101	174057	25.758	ug/l	95
8) Diethyl Ether	3.965	74	45604	19.207	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	71961	20.178	ug/l	97
10) Methyl Iodide	4.601	142	94869	18.811	ug/l	95
11) Tert butyl alcohol	5.530	59	62558	100.936	ug/l	98
12) 1,1-Dichloroethene	4.342	96	66684	18.139	ug/l	97
13) Acrolein	4.189	56	67669	99.065	ug/l	92
14) Allyl chloride	5.036	41	89745	19.999	ug/l	91
15) Acrylonitrile	5.736	53	179430	112.292	ug/l	100
16) Acetone	4.442	43	138202	106.969	ug/l	96
17) Carbon Disulfide	4.718	76	157633	16.659	ug/l	98
18) Methyl Acetate	5.042	43	131779	22.154	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	246938	21.053	ug/l	99
20) Methylene Chloride	5.289	84	83844	19.638	ug/l	87
21) trans-1,2-Dichloroethene	5.800	96	74488	18.786	ug/l	91
22) Diisopropyl ether	6.683	45	232952	22.069	ug/l #	91
23) Vinyl Acetate	6.612	43	677242	107.930	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	150824	21.659	ug/l	98
25) 2-Butanone	7.494	43	225989	113.746	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	119206	23.185	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	90849	19.209	ug/l	92
28) Bromochloromethane	7.818	49	76556	23.945	ug/l	85
29) Tetrahydrofuran	7.847	42	146798	110.526	ug/l #	85
30) Chloroform	7.971	83	163408	21.793	ug/l	89
31) Cyclohexane	8.265	56	112978	19.622	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	136716	20.768	ug/l	98
36) 1,1-Dichloropropene	8.383	75	109812	19.919	ug/l	98
37) Ethyl Acetate	7.571	43	94848	22.023	ug/l #	96
38) Carbon Tetrachloride	8.371	117	120545	20.708	ug/l	99
39) Methylcyclohexane	9.606	83	95599	16.733	ug/l	92
40) Benzene	8.612	78	337742	20.521	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	49775	21.323	ug/l	91
42) 1,2-Dichloroethane	8.677	62	125263	22.198	ug/l	96
43) Isopropyl Acetate	8.694	43	170111	20.654	ug/l	93
44) Trichloroethene	9.359	130	85758	19.730	ug/l	98
45) 1,2-Dichloropropane	9.630	63	90096	22.002	ug/l	97
46) Dibromomethane	9.712	93	61430	20.367	ug/l	93
47) Bromodichloromethane	9.894	83	129174	23.056	ug/l	98
48) Methyl methacrylate	9.688	41	73734	21.332	ug/l	91
49) 1,4-Dioxane	9.700	88	29995	412.887	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	490937	113.192	ug/l	94
52) Toluene	10.635	92	207828	20.000	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	128870	22.086	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	137303	21.288	ug/l #	91
55) 1,1,2-Trichloroethane	11.024	97	88994	22.639	ug/l	96
56) Ethyl methacrylate	10.882	69	121003	21.140	ug/l #	87
57) 1,3-Dichloropropane	11.171	76	146875	22.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	225132	97.366	ug/l	92
59) 2-Hexanone	11.200	43	337613	111.794	ug/l	91
60) Dibromochloromethane	11.365	129	94897	22.061	ug/l	99
61) 1,2-Dibromoethane	11.477	107	86537	20.977	ug/l	98
64) Tetrachloroethene	11.106	164	66738	18.879	ug/l	97
65) Chlorobenzene	11.894	112	223170	19.666	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	88276	21.150	ug/l	98
67) Ethyl Benzene	11.971	91	388031	19.817	ug/l	97
68) m/p-Xylenes	12.076	106	294742	39.498	ug/l	98
69) o-Xylene	12.406	106	145610	19.870	ug/l	98
70) Styrene	12.418	104	231773	20.090	ug/l	97
71) Bromoform	12.582	173	58771	21.819	ug/l #	98
73) Isopropylbenzene	12.700	105	358305	18.854	ug/l	99
74) N-amyl acetate	12.500	43	118875	18.996	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	126913	22.957	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	97789m	20.583	ug/l	
77) Bromobenzene	12.982	156	84380	19.127	ug/l	100
78) n-propylbenzene	13.041	91	406067	19.667	ug/l	99
79) 2-Chlorotoluene	13.129	91	254143	19.069	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	295266	19.191	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	36575	23.653	ug/l #	82
82) 4-Chlorotoluene	13.229	91	238425	19.168	ug/l	97
83) tert-Butylbenzene	13.441	119	244784	18.303	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	288051	19.310	ug/l	98
85) sec-Butylbenzene	13.618	105	311463	17.793	ug/l	99
86) p-Isopropyltoluene	13.735	119	248890	17.521	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	140810	18.870	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	137516	19.098	ug/l	99
89) n-Butylbenzene	14.059	91	184544	16.470	ug/l	98
90) Hexachloroethane	14.335	117	49864	19.780	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	139127	19.077	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20043	21.293	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	40702	15.664	ug/l	99
94) Hexachlorobutadiene	15.506	225	24240	17.278	ug/l	99
95) Naphthalene	15.647	128	125258	14.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	47027	16.182	ug/l	95

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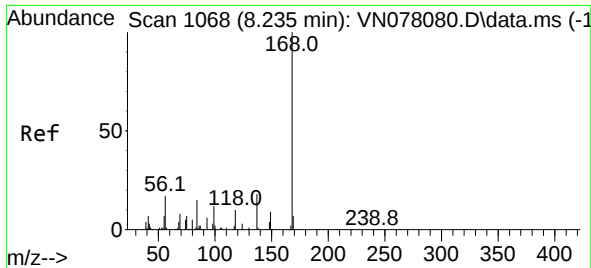
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/22/2023

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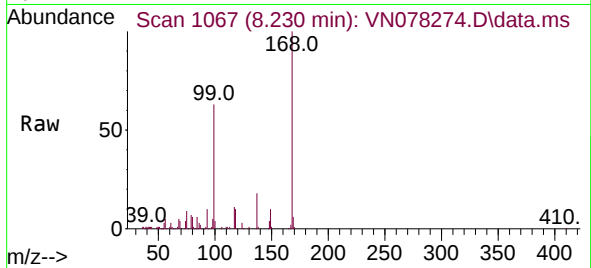
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN078274.D
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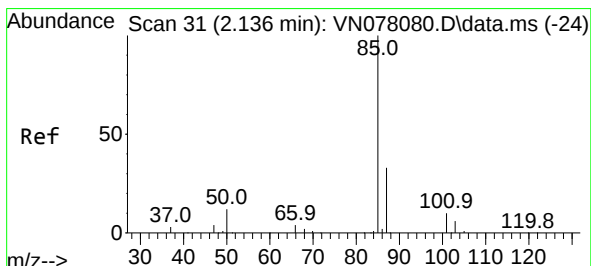
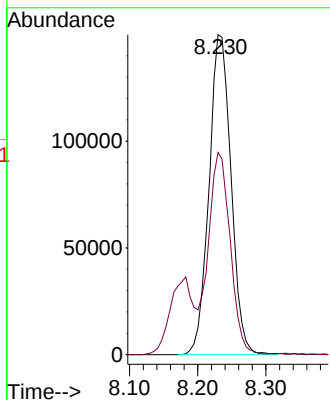
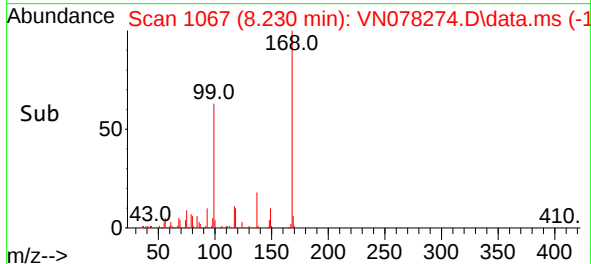
Instrument :
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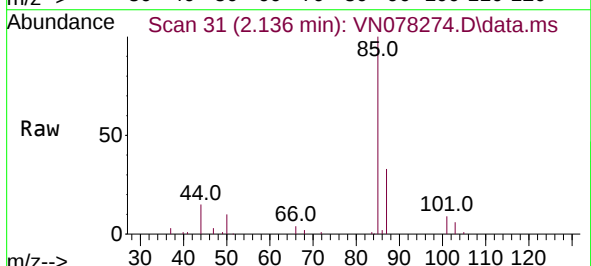
Tgt Ion:168 Resp: 336650
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6

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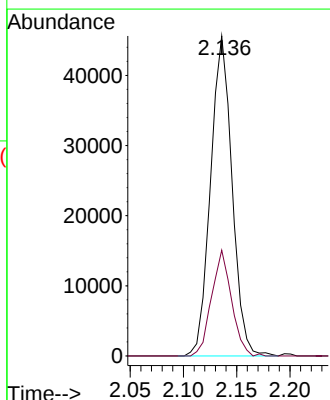
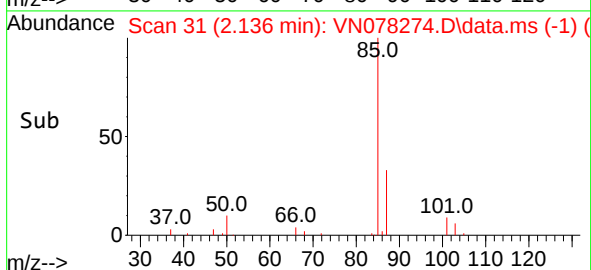
Reviewed By :John Carlone 06/19/2023
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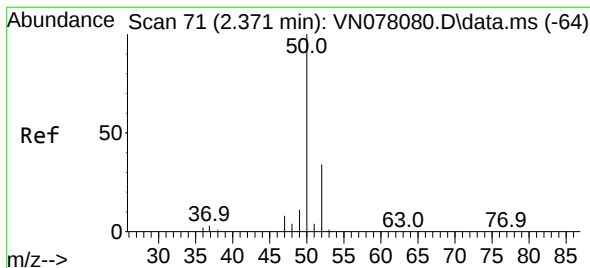


#2
Dichlorodifluoromethane
Concen: 16.839 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



Tgt Ion: 85 Resp: 64081
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4





#3

Chloromethane

Concen: 19.130 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0619MBS01

Tgt Ion: 50 Resp: 72518

Ion Ratio Lower Upper

50 100

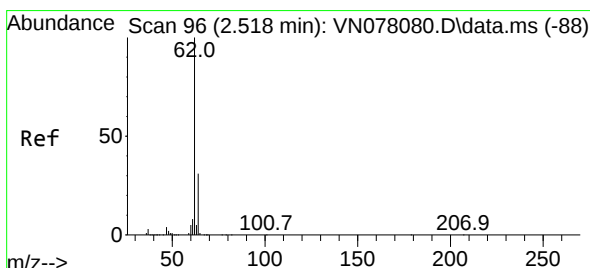
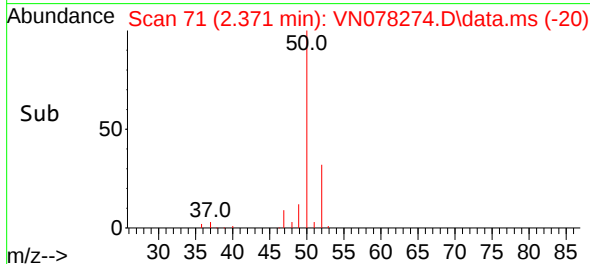
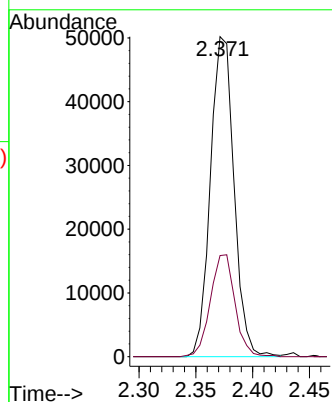
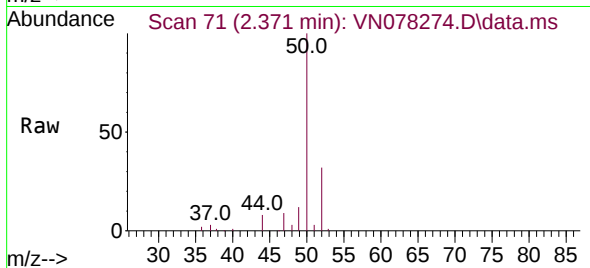
52 31.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#4

Vinyl Chloride

Concen: 18.800 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078274.D

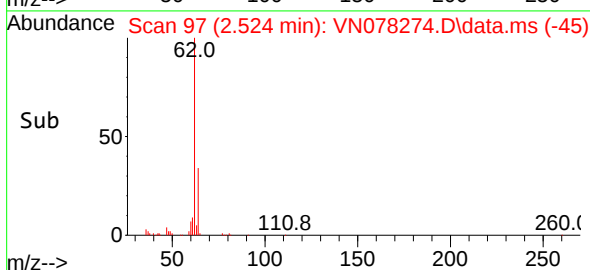
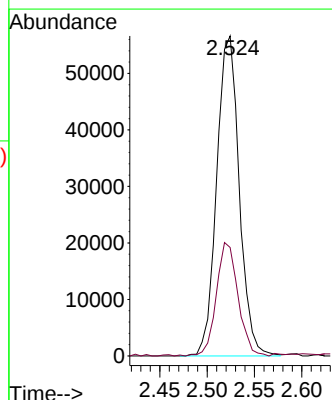
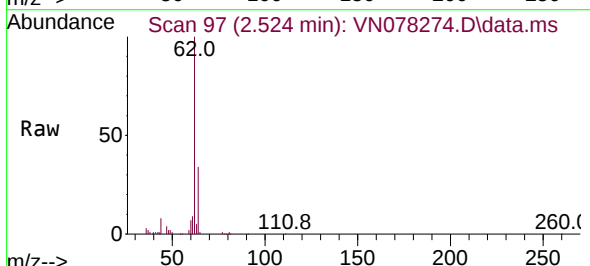
Acq: 19 Jun 2023 12:59

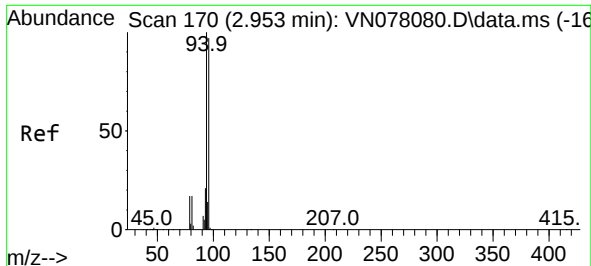
Tgt Ion: 62 Resp: 93680

Ion Ratio Lower Upper

62 100

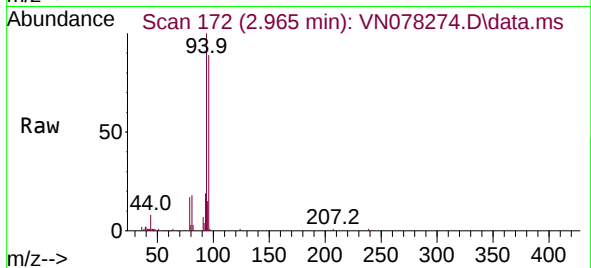
64 33.6 26.2 39.2





#5
Bromomethane
Concen: 20.970 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

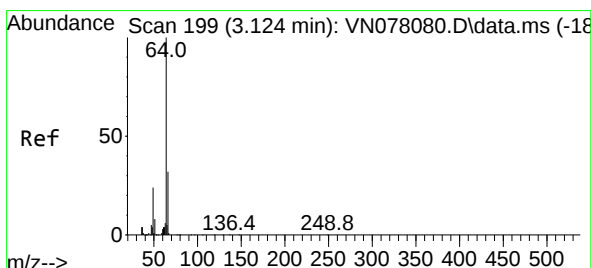
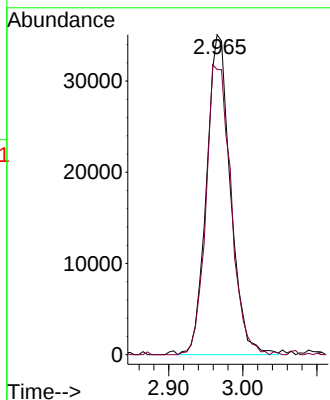
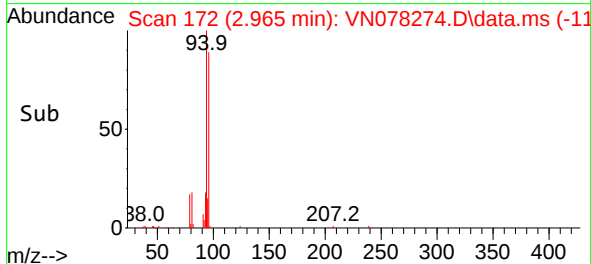
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Tgt Ion: 94 Resp: 78972
Ion Ratio Lower Upper
94 100
96 89.1 73.1 109.7

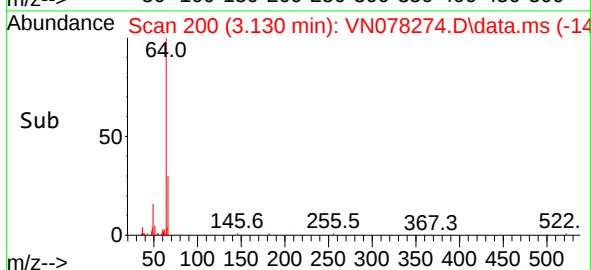
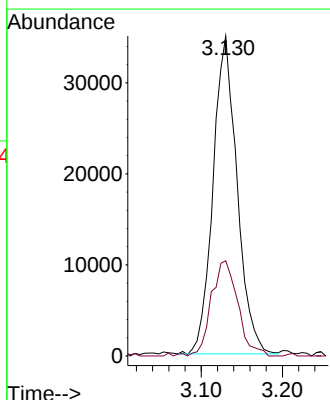
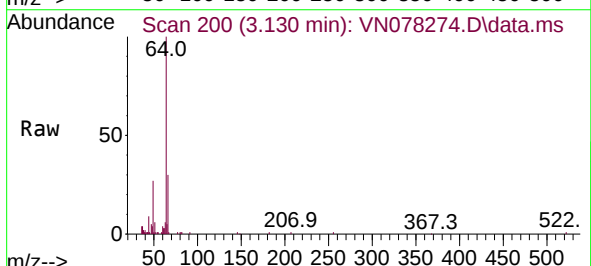
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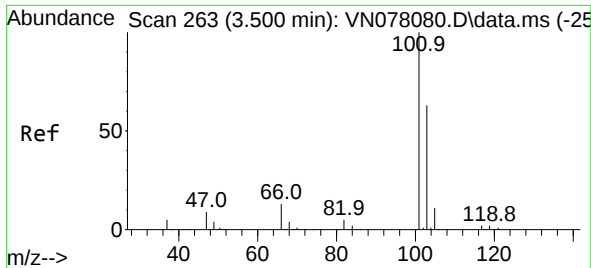
Reviewed By :John Carlone 06/19/2023
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#6
Chloroethane
Concen: 21.183 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

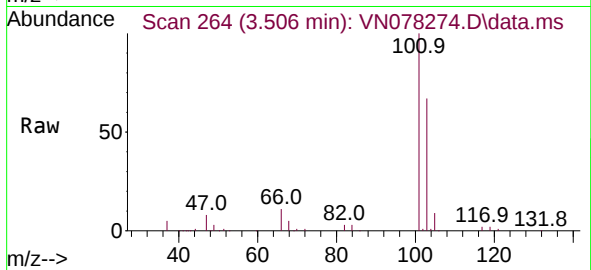
Tgt Ion: 64 Resp: 71958
Ion Ratio Lower Upper
64 100
66 29.9 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 25.758 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN078274.D
 Acq: 19 Jun 2023 12:59

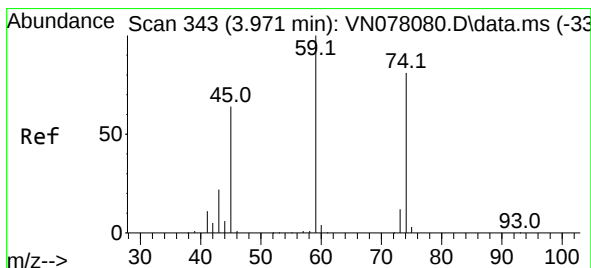
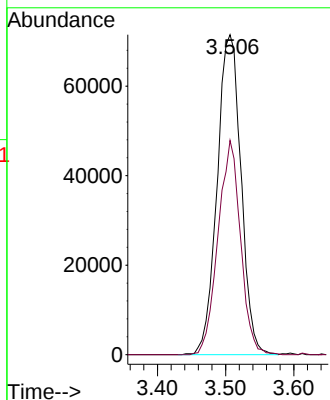
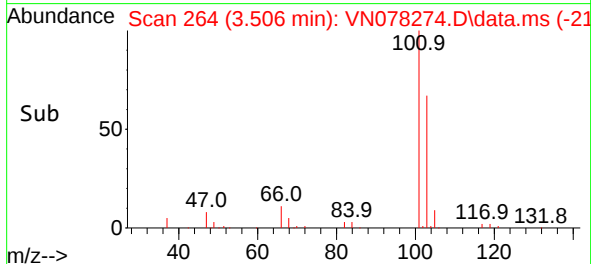
Instrument :
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Tgt Ion:101 Resp: 17405
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.7 76.1

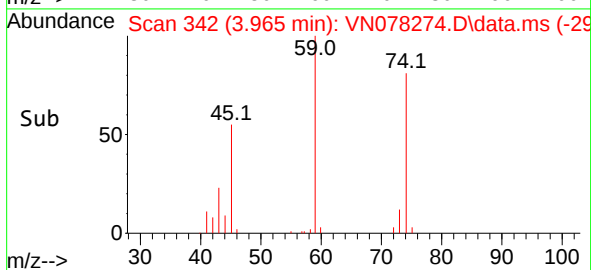
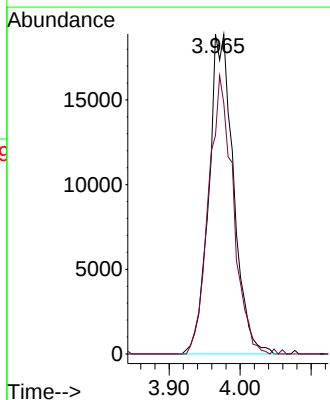
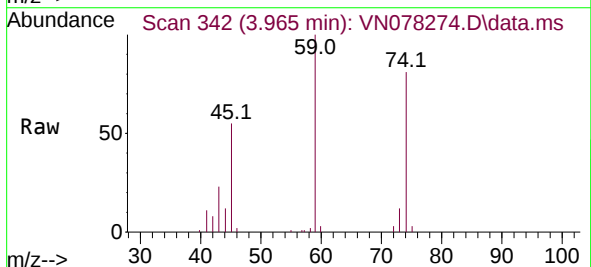
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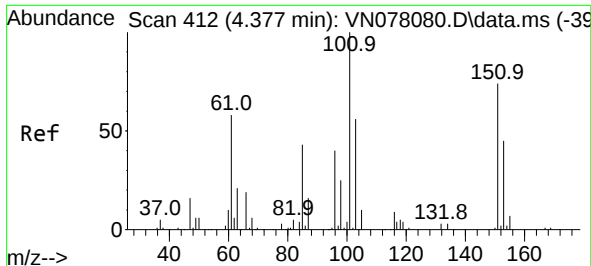
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#8
 Diethyl Ether
 Concen: 19.207 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078274.D
 Acq: 19 Jun 2023 12:59

Tgt Ion: 74 Resp: 45604
 Ion Ratio Lower Upper
 74 100
 45 86.7 34.4 103.3





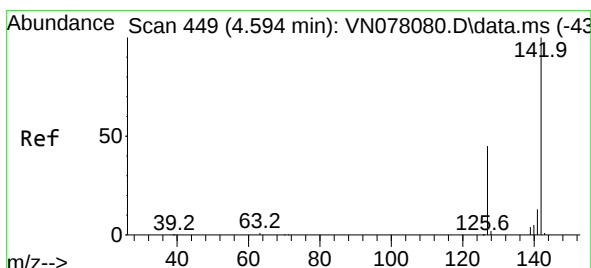
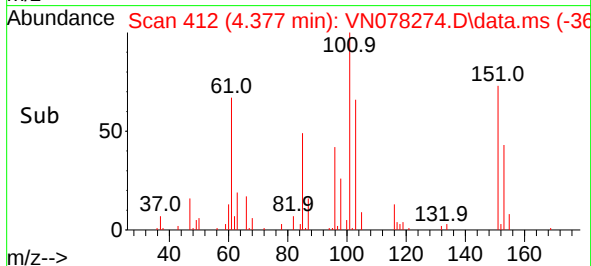
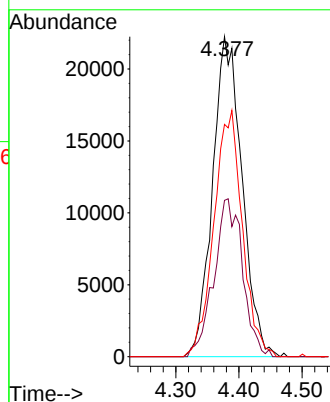
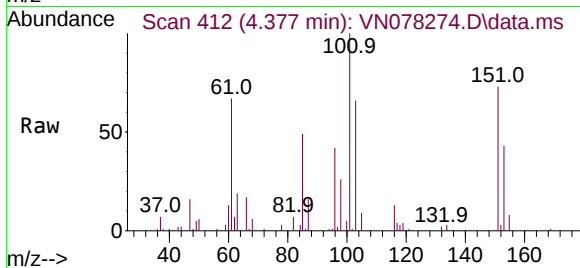
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.178 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion:101 Resp: 7196
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 74.3 57.6 86.4

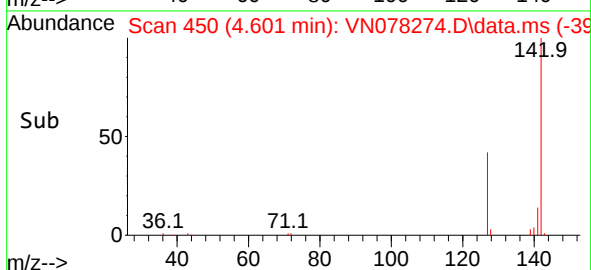
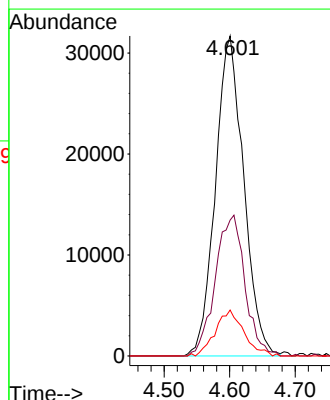
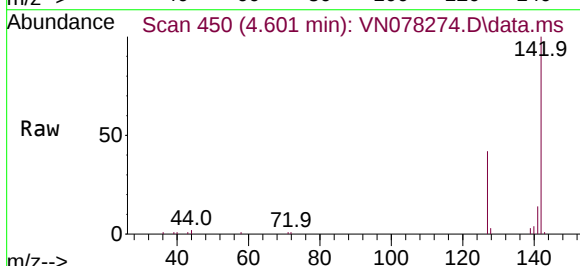
Manual Integrations
APPROVED

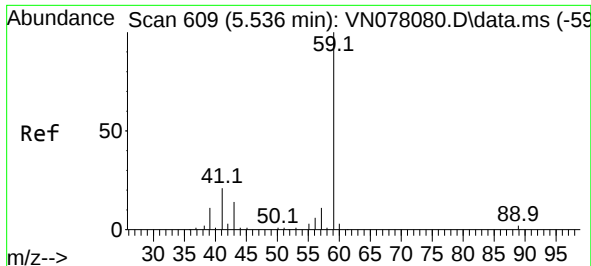
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#10
Methyl Iodide
Concen: 18.811 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

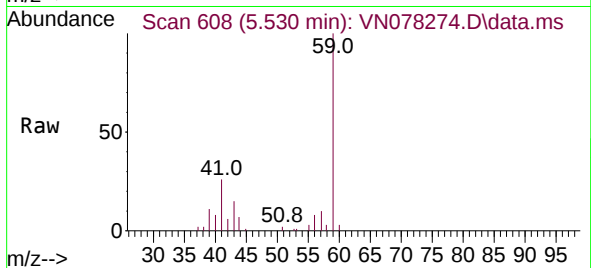
Tgt Ion:142 Resp: 94869
Ion Ratio Lower Upper
142 100
127 42.4 37.6 56.4
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 100.936 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

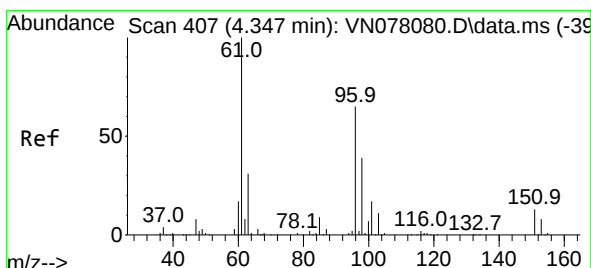
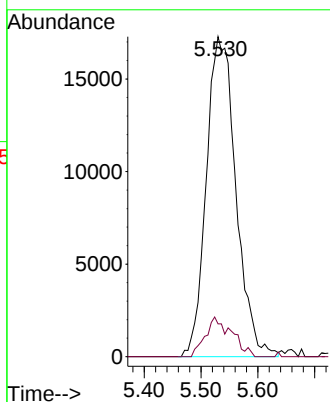
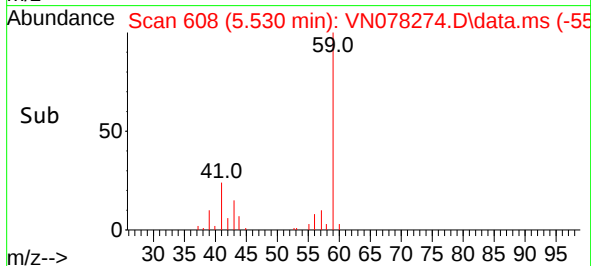
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



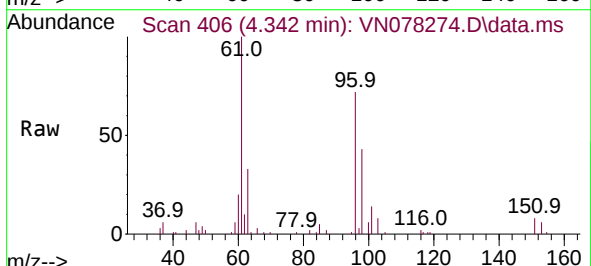
Tgt Ion: 59 Resp: 62558
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

Manual Integrations
APPROVED

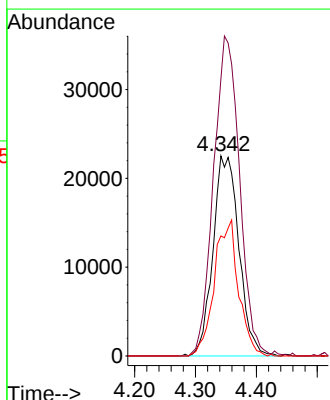
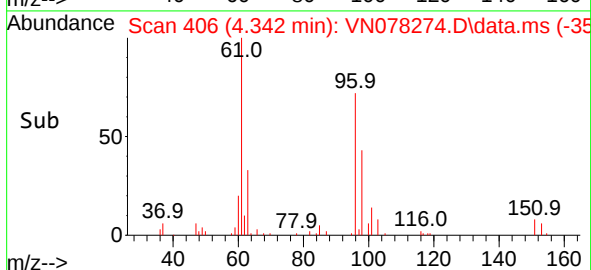
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

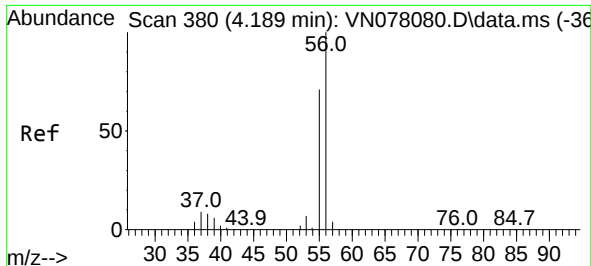


#12
1,1-Dichloroethene
Concen: 18.139 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



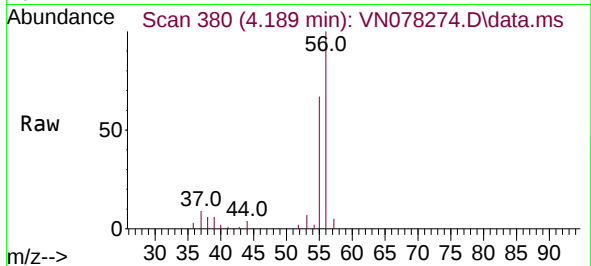
Tgt Ion: 96 Resp: 66684
Ion Ratio Lower Upper
96 100
61 138.6 112.7 169.1
98 60.0 51.2 76.8





#13
Acrolein
Concen: 99.065 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

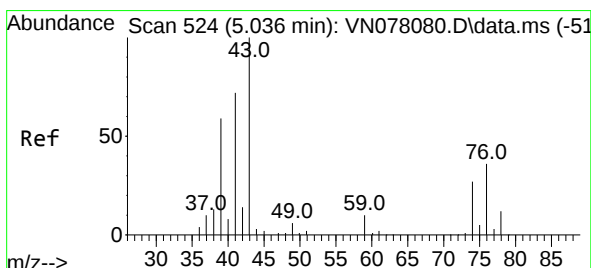
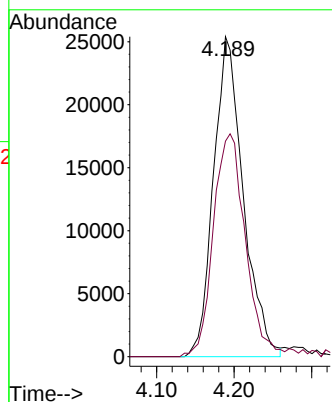
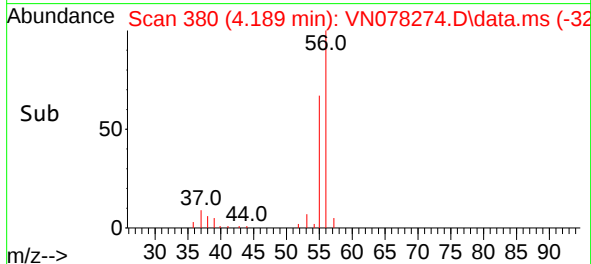
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



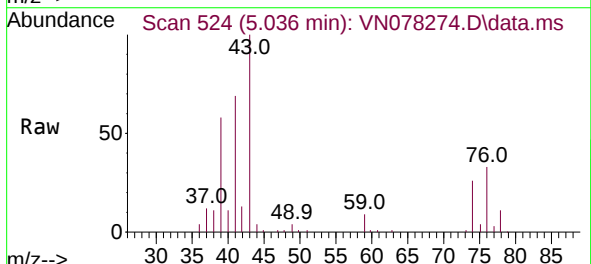
Tgt Ion: 56 Resp: 67669
Ion Ratio Lower Upper
56 100
55 74.8 54.5 81.7

Manual Integrations
APPROVED

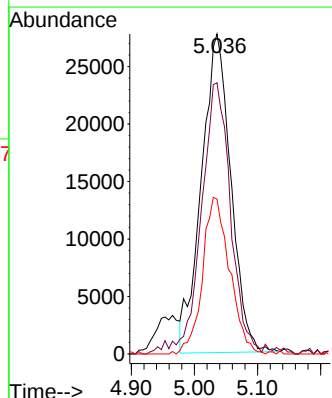
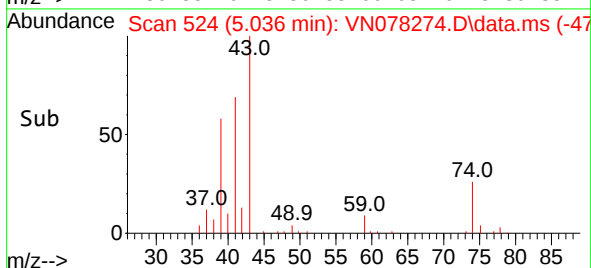
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

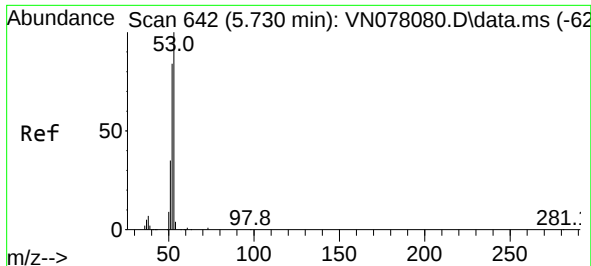


#14
Allyl chloride
Concen: 19.999 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



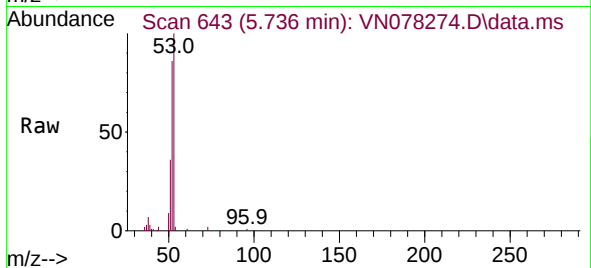
Tgt Ion: 41 Resp: 89745
Ion Ratio Lower Upper
41 100
39 82.6 58.8 88.2
76 45.3 39.1 58.7





#15
Acrylonitrile
Concen: 112.292 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

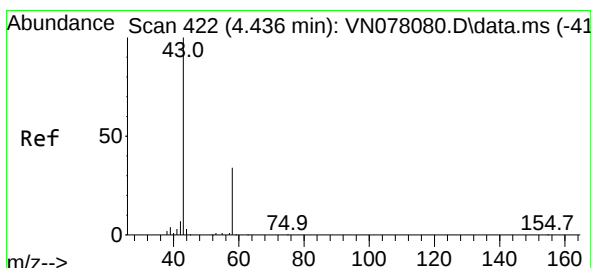
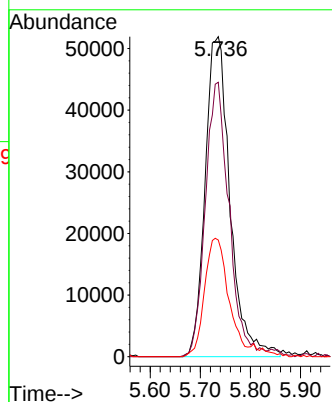
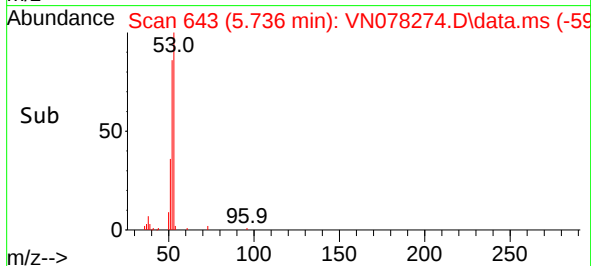
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



Tgt Ion: 53 Resp: 179430
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 35.5 28.9 43.3

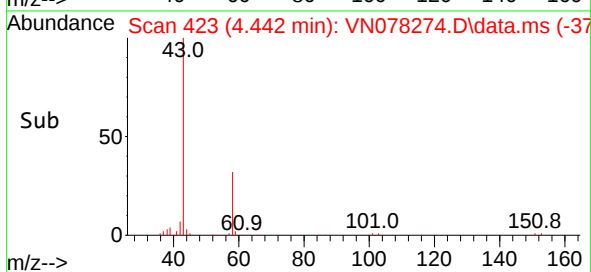
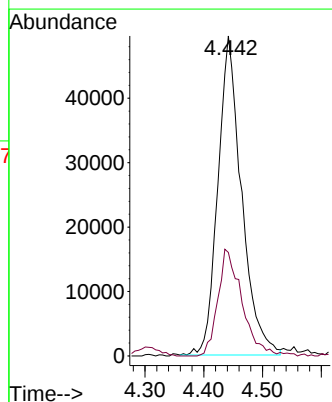
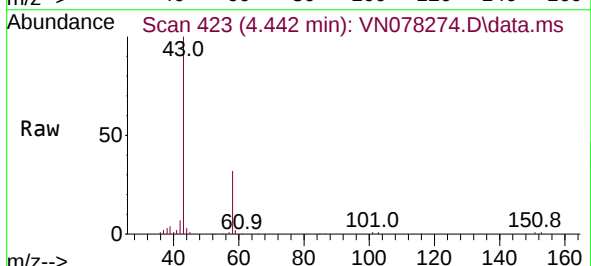
Manual Integrations
APPROVED

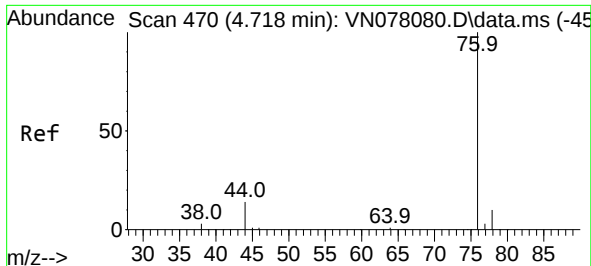
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#16
Acetone
Concen: 106.969 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

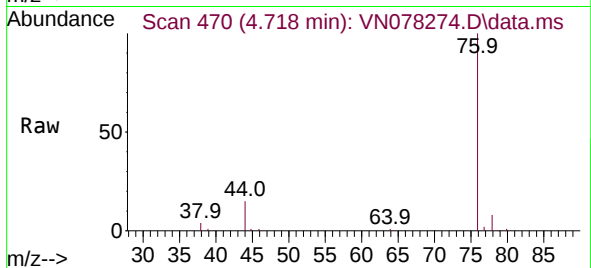
Tgt Ion: 43 Resp: 138202
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





#17
Carbon Disulfide
Concen: 16.659 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

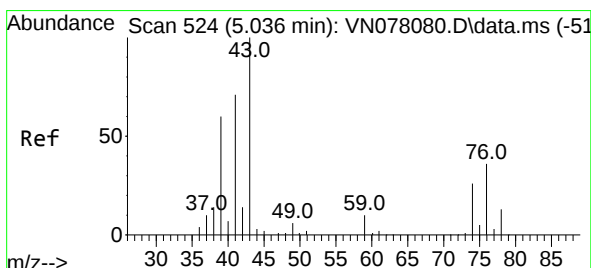
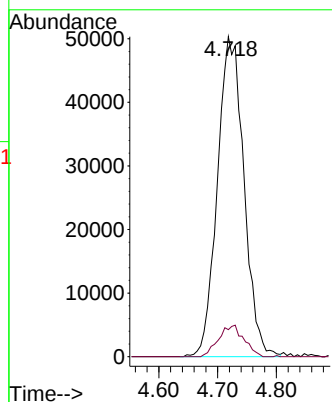
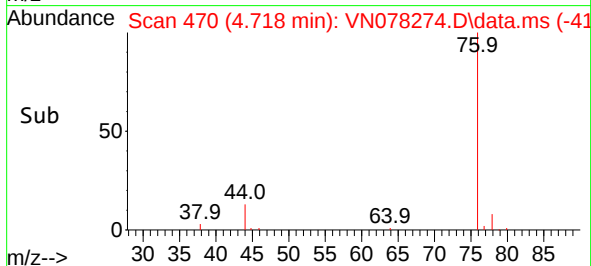
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



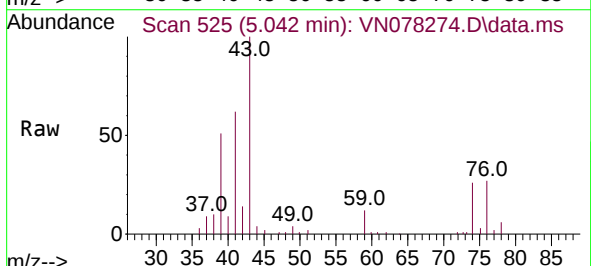
Tgt Ion: 76 Resp: 15763
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Manual Integrations
APPROVED

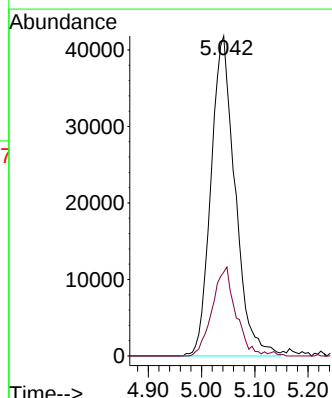
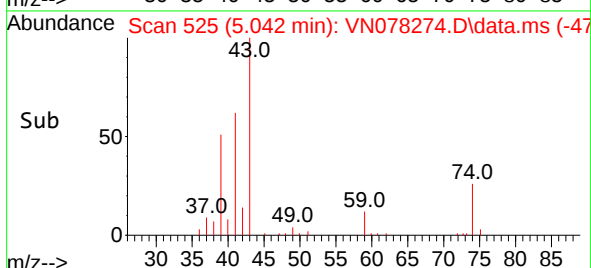
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

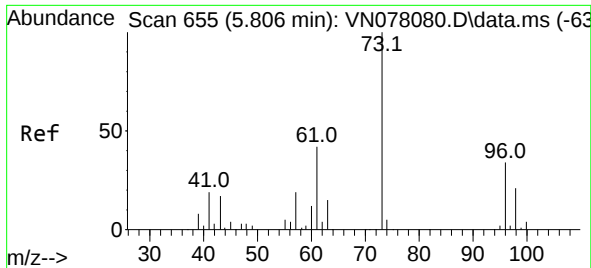


#18
Methyl Acetate
Concen: 22.154 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



Tgt Ion: 43 Resp: 131779
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4





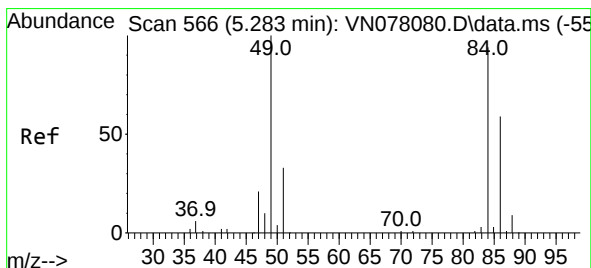
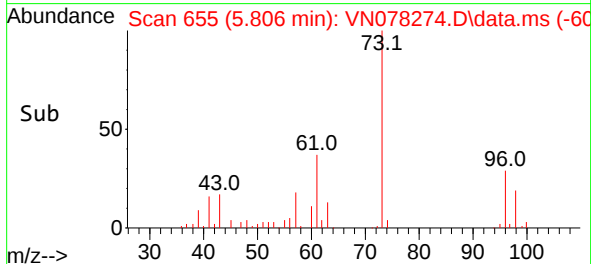
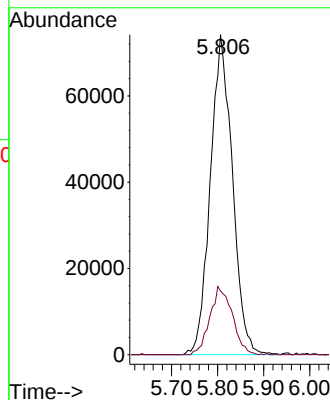
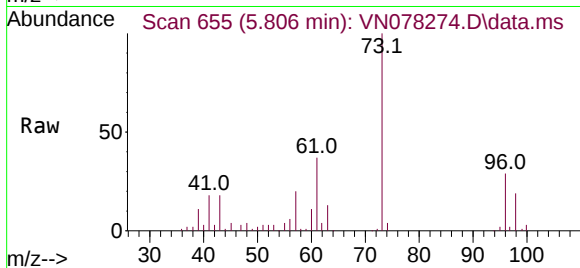
#19
Methyl tert-butyl Ether
Concen: 21.053 ug/l
RT: 5.806 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion: 73 Resp: 246938
Ion Ratio Lower Upper
73 100
57 19.9 15.6 23.4

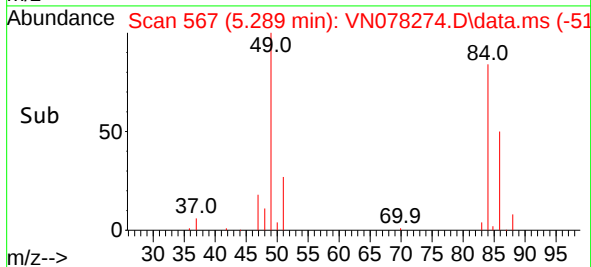
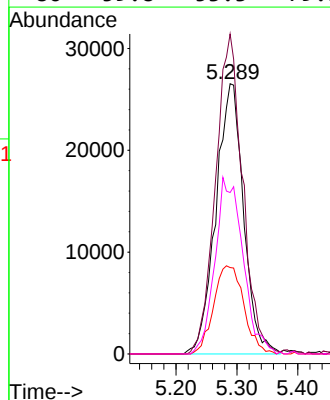
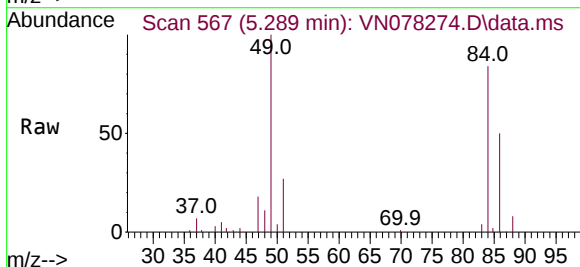
Manual Integrations
APPROVED

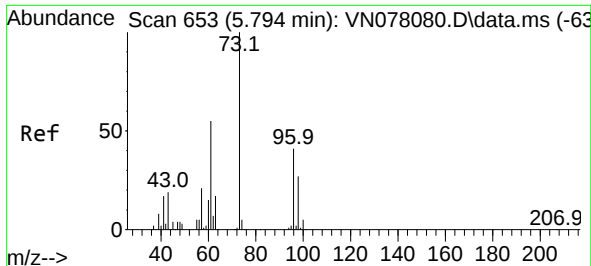
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 19.638 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

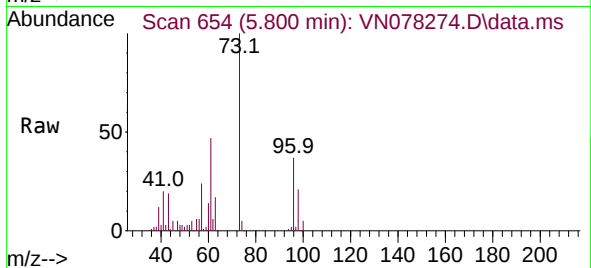
Tgt Ion: 84 Resp: 83844
Ion Ratio Lower Upper
84 100
49 118.4 79.7 119.5
51 32.0 25.2 37.8
86 59.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.786 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

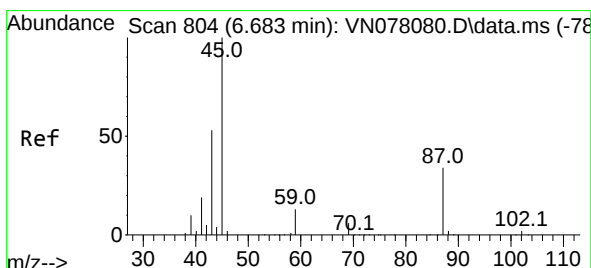
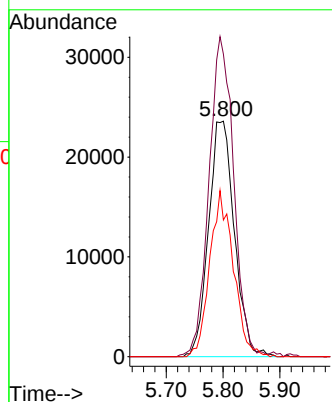
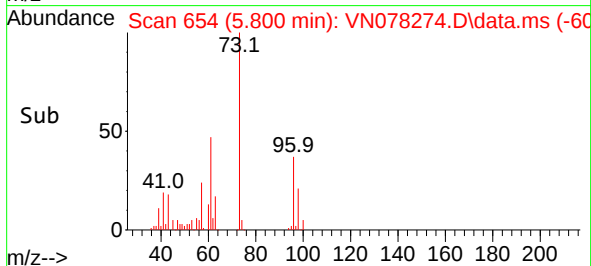
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



Tgt Ion: 96 Resp: 7448
Ion Ratio Lower Upper
96 100
61 127.8 90.1 135.1
98 58.0 46.4 69.6

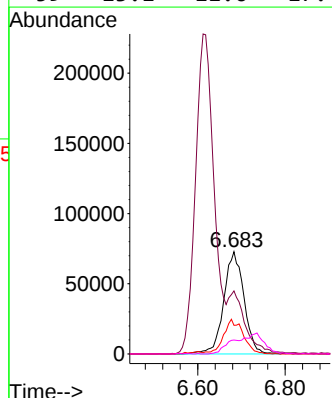
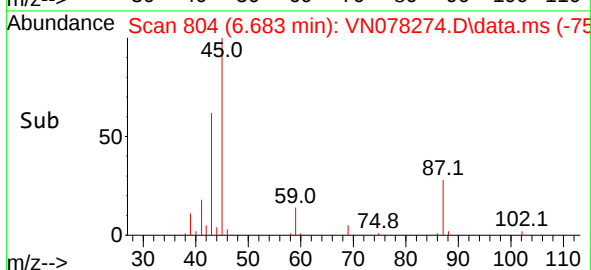
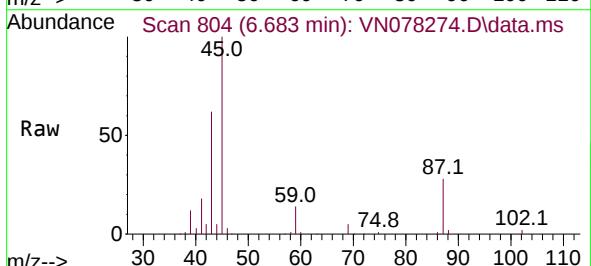
Manual Integrations
APPROVED

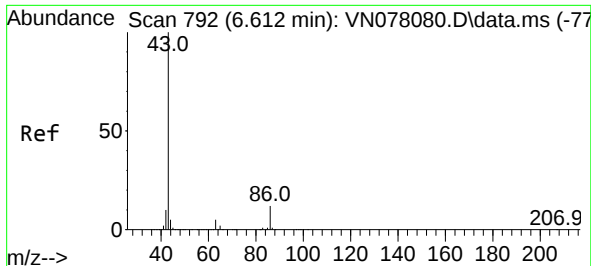
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 22.069 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

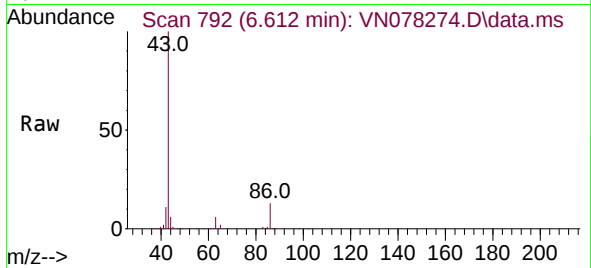
Tgt Ion: 45 Resp: 232952
Ion Ratio Lower Upper
45 100
43 60.0 45.5 68.3
87 28.0 31.8 47.8#
59 13.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 107.930 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078274.D
 Acq: 19 Jun 2023 12:59

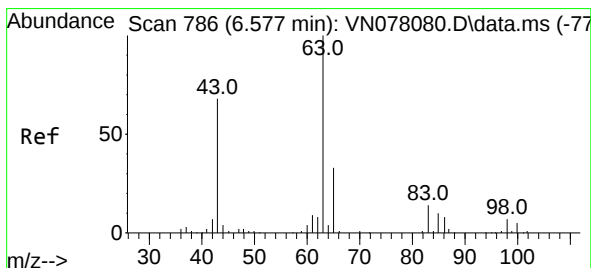
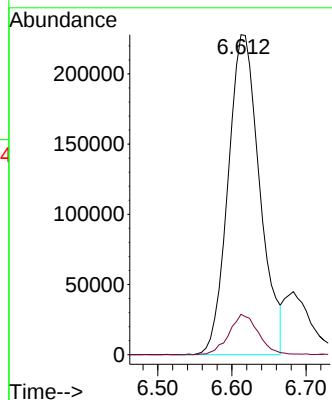
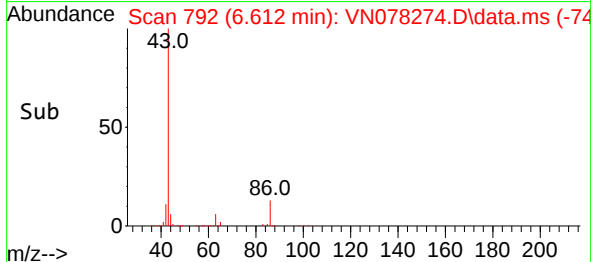
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619MBS01



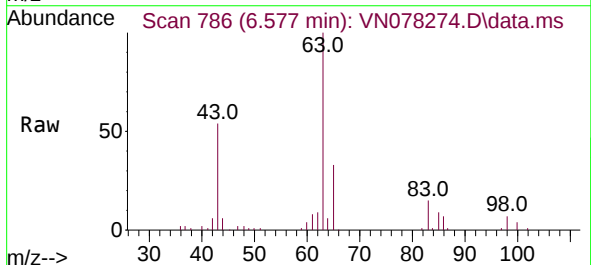
Tgt Ion: 43 Resp: 67724
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6

Manual Integrations
 APPROVED

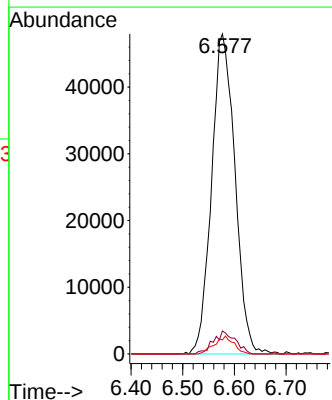
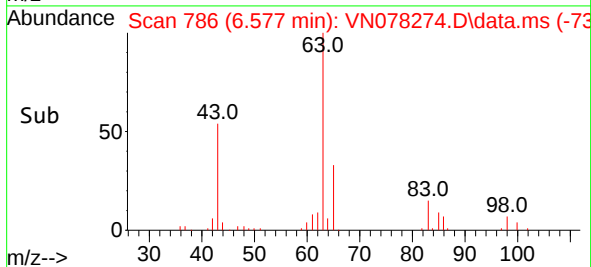
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/22/2023

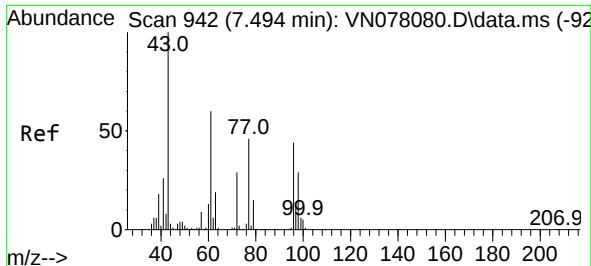


#24
 1,1-Dichloroethane
 Concen: 21.659 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078274.D
 Acq: 19 Jun 2023 12:59



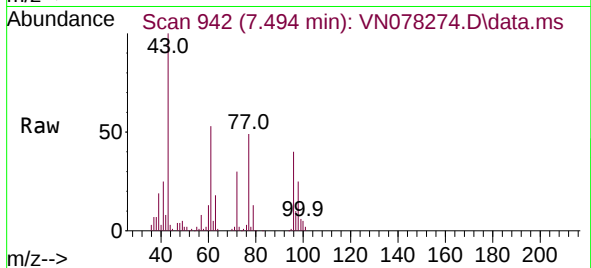
Tgt Ion: 63 Resp: 150824
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 113.746 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

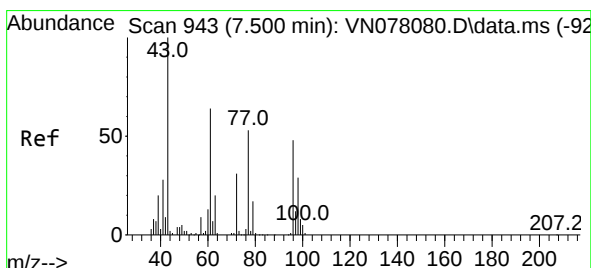
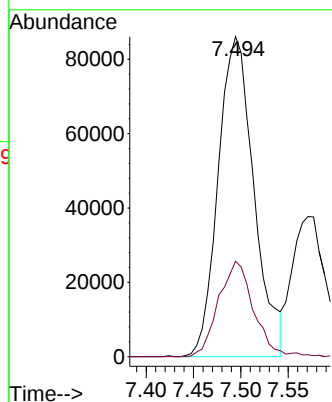
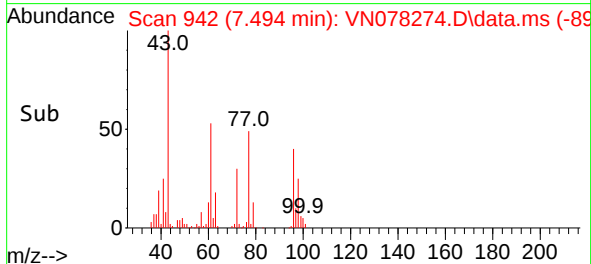
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



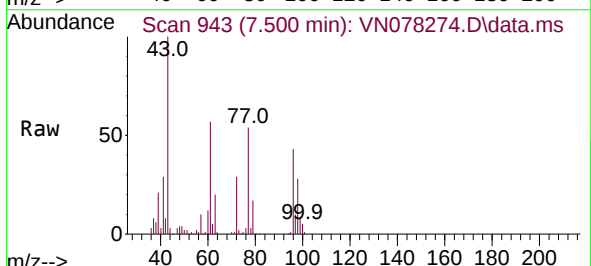
Tgt Ion: 43 Resp: 225989
Ion Ratio Lower Upper
43 100
72 29.8 30.2 45.2

Manual Integrations
APPROVED

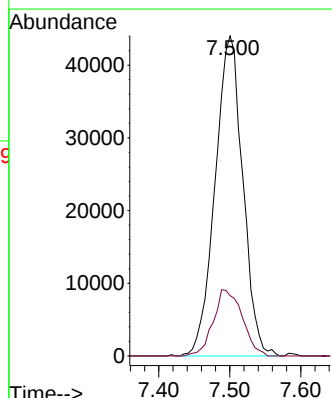
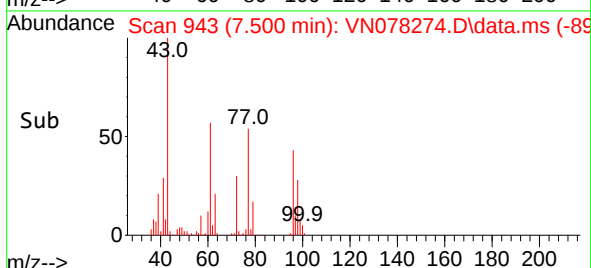
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

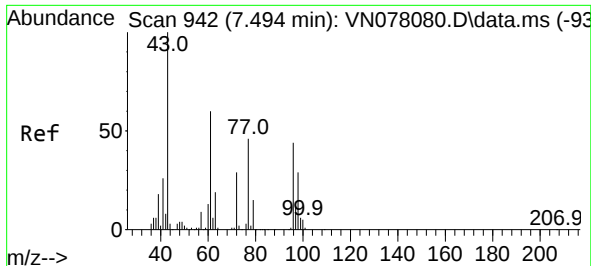


#26
2,2-Dichloropropane
Concen: 23.185 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



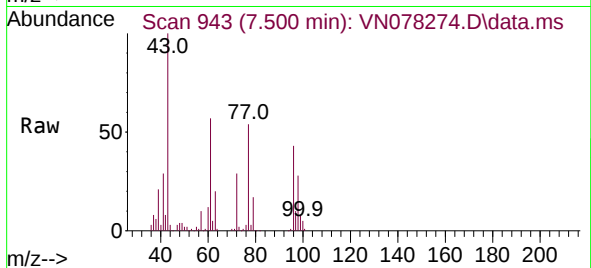
Tgt Ion: 77 Resp: 119206
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.209 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078274.D
 Acq: 19 Jun 2023 12:59

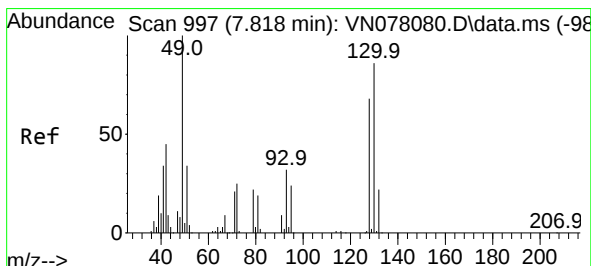
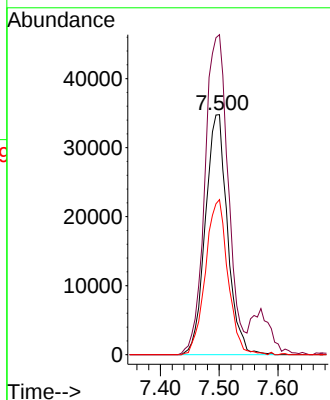
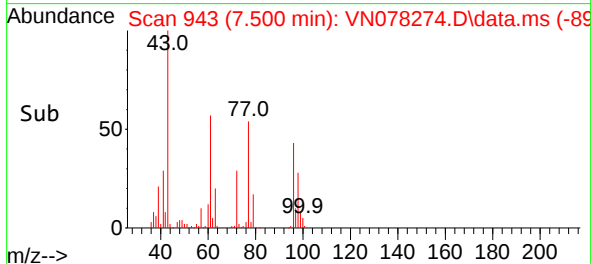
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619MBS01



Tgt Ion: 96 Resp: 90849
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 255.2
 98 65.5 0.0 128.8

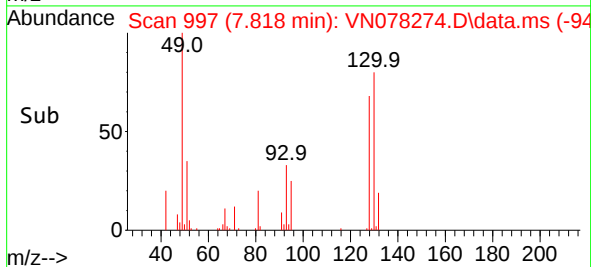
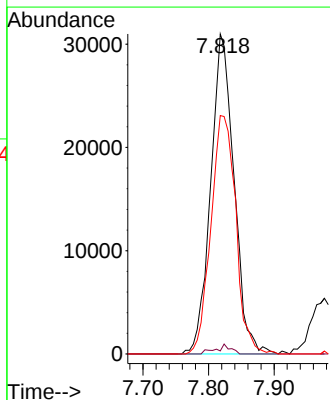
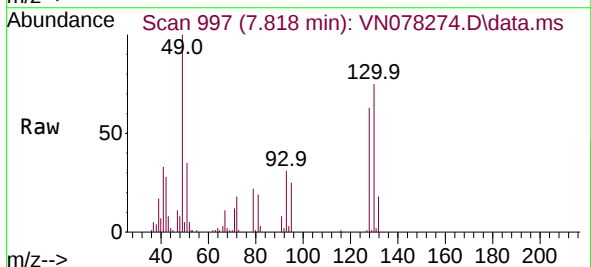
Manual Integrations
 APPROVED

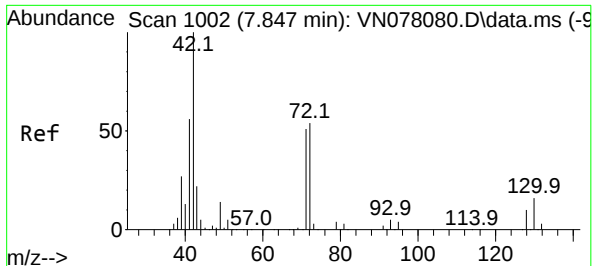
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#28
 Bromochloromethane
 Concen: 23.945 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078274.D
 Acq: 19 Jun 2023 12:59

Tgt Ion: 49 Resp: 76556
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.8
 130 79.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 110.526 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078274.D

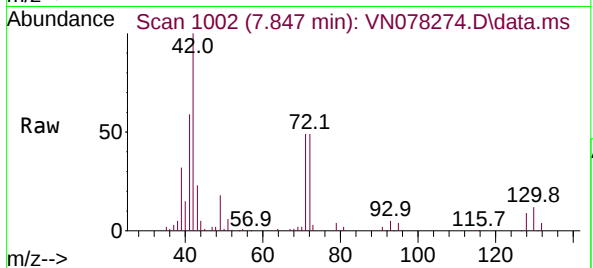
Acq: 19 Jun 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0619MBS01



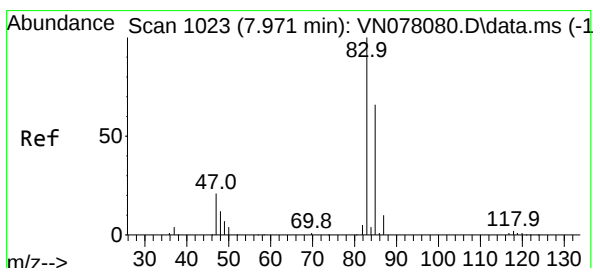
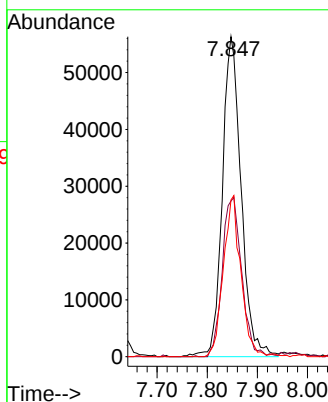
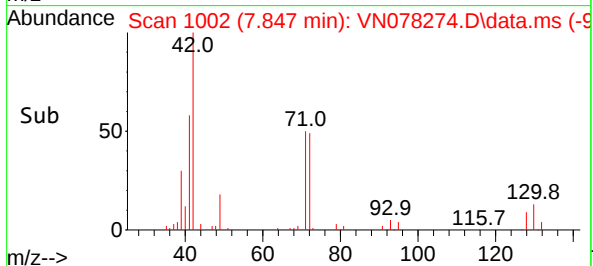
Tgt Ion:	42	Resp:	146798
Ion Ratio	100	Lower	Upper
42	100		
72	51.5	49.8	74.6
71	46.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#30

Chloroform

Concen: 21.793 ug/l

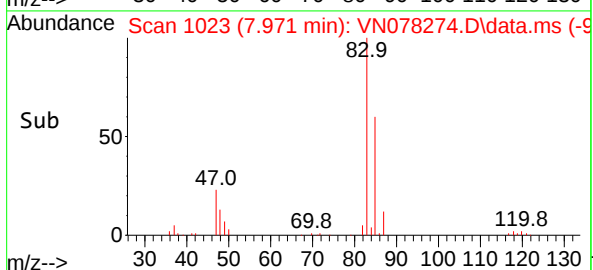
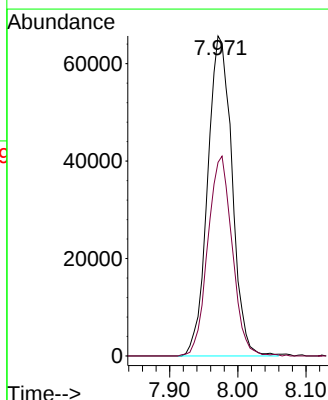
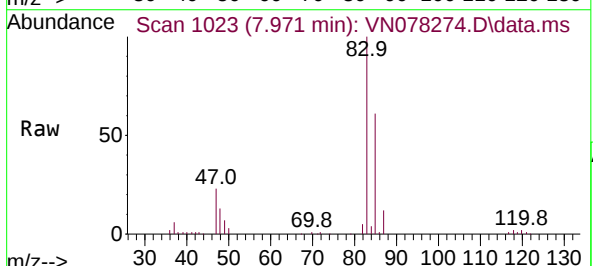
RT: 7.971 min Scan# 1023

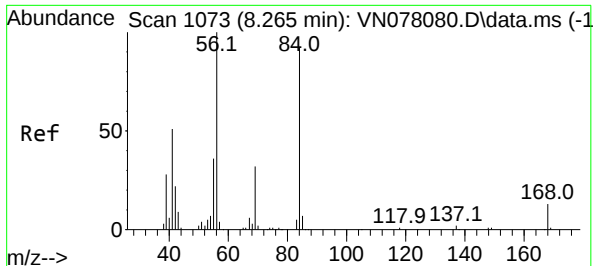
Delta R.T. 0.000 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

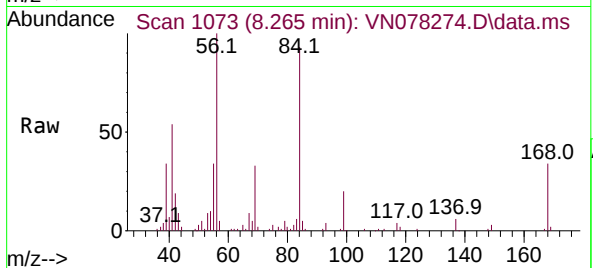
Tgt Ion:	83	Resp:	163408
Ion Ratio	100	Lower	Upper
83	100		
85	60.5	55.4	83.0





#31
Cyclohexane
Concen: 19.622 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

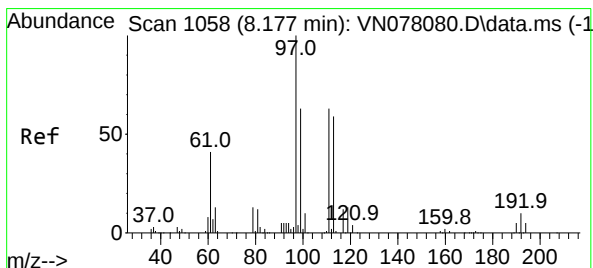
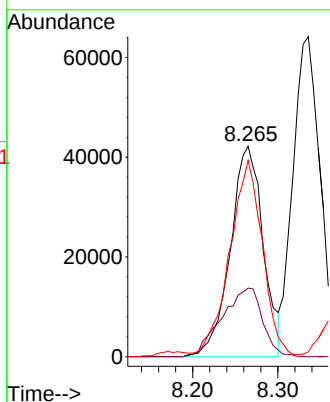
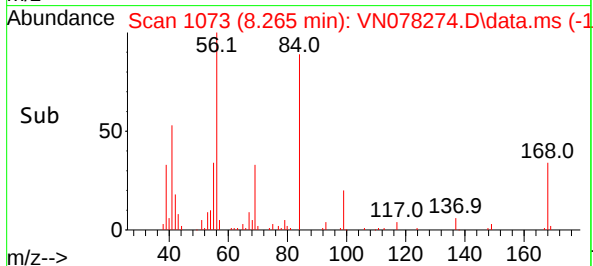
Instrument :
MSVOA_N
Client Sample Id :
VN0619MBS01



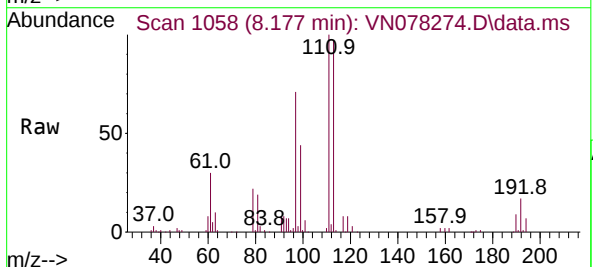
Tgt Ion: 56 Resp: 112978
Ion Ratio Lower Upper
56 100
69 32.7 26.8 40.2
84 91.0 81.8 122.6

Manual Integrations
APPROVED

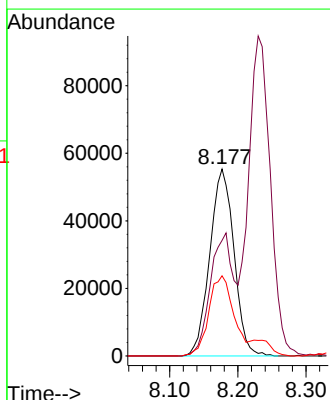
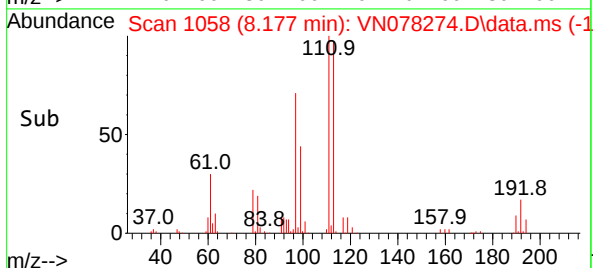
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

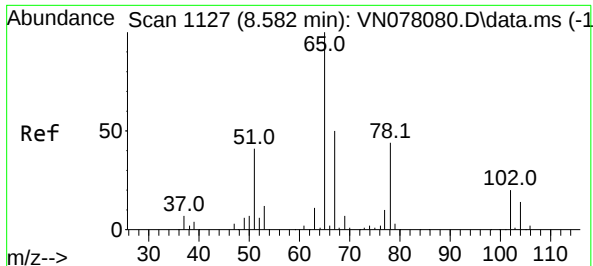


#32
1,1,1-Trichloroethane
Concen: 20.768 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



Tgt Ion: 97 Resp: 136716
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 45.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.269 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0619MBS01

Tgt Ion: 65 Resp: 22563

Ion Ratio Lower Upper

65 100

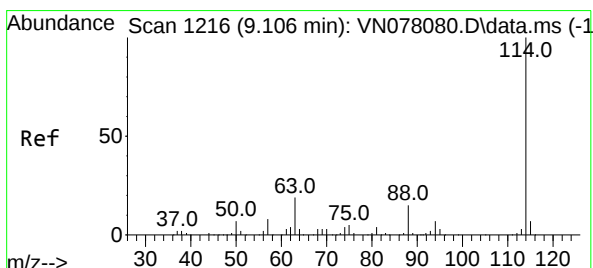
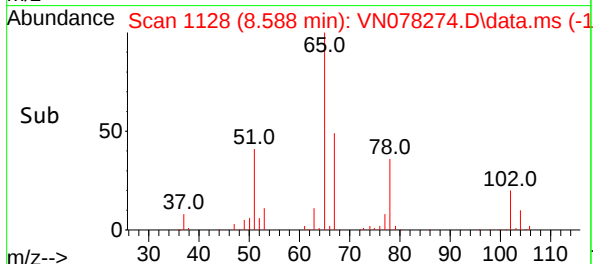
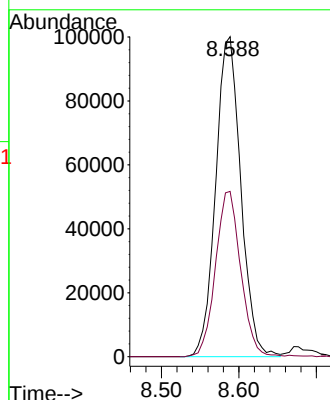
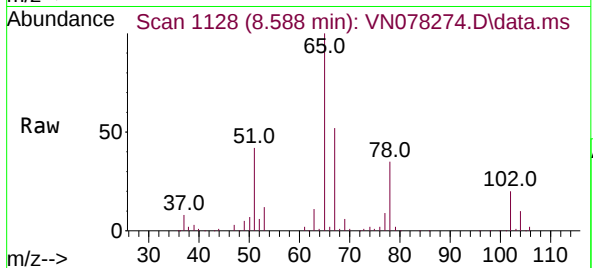
67 51.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

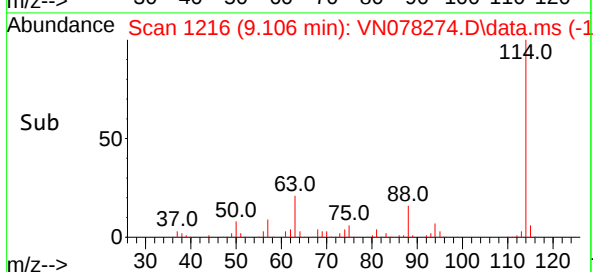
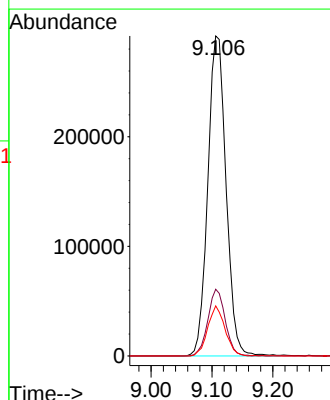
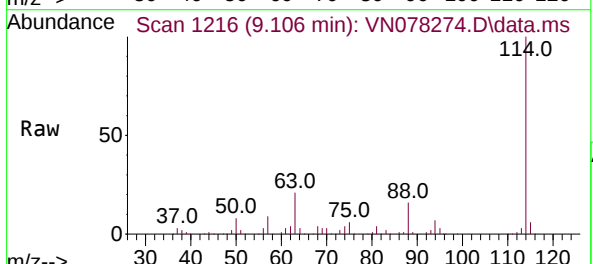
Tgt Ion:114 Resp: 607861

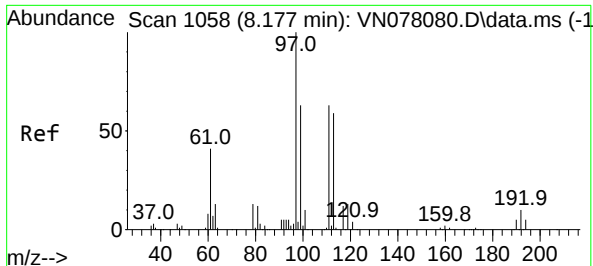
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

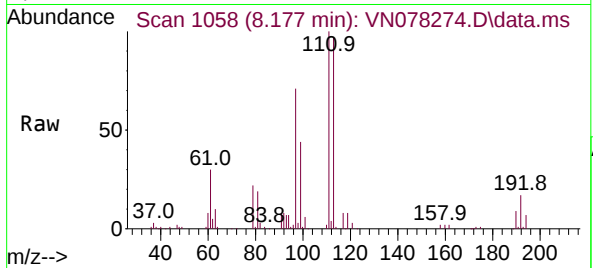
88 15.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.758 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

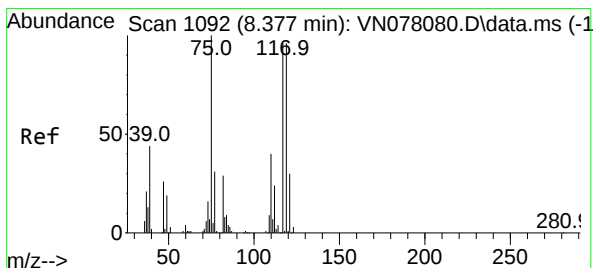
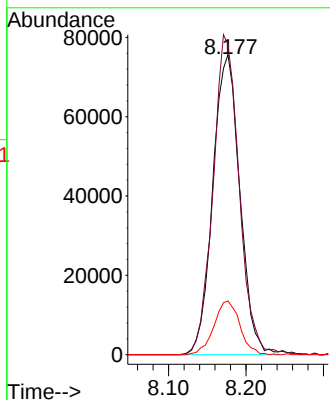
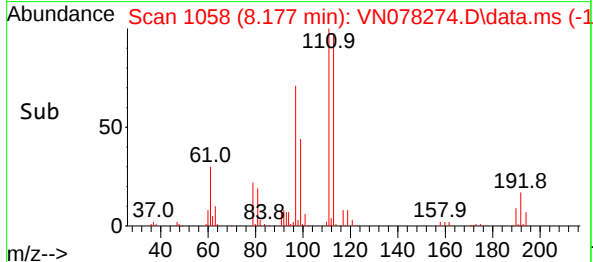
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



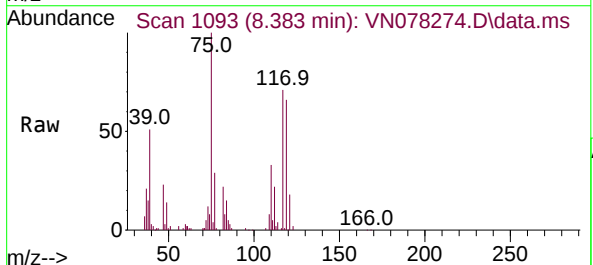
Tgt Ion: 113 Resp: 183550
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 17.2 12.7 19.1

Manual Integrations
APPROVED

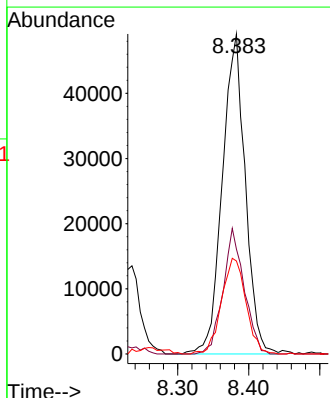
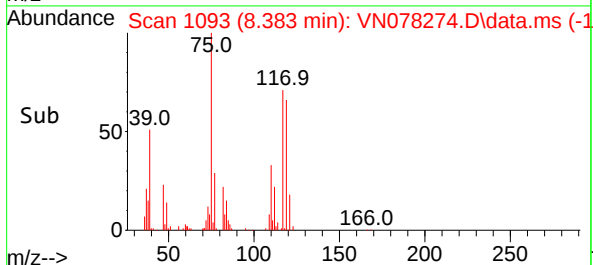
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

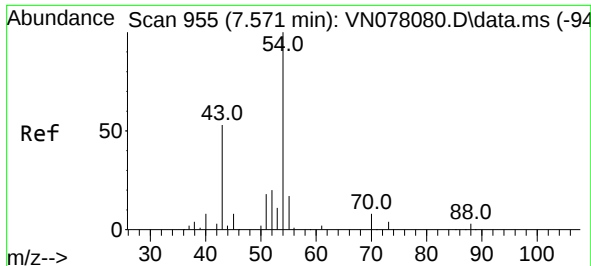


#36
1,1-Dichloropropene
Concen: 19.919 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



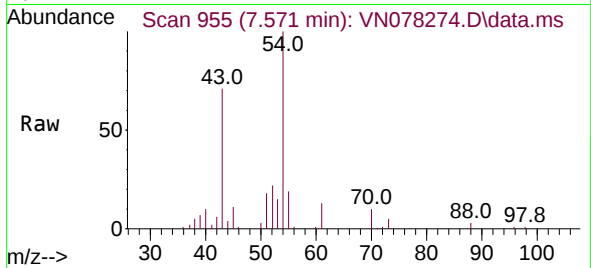
Tgt Ion: 75 Resp: 109812
Ion Ratio Lower Upper
75 100
110 36.4 19.1 57.3
77 31.9 25.0 37.4





#37
Ethyl Acetate
Concen: 22.023 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

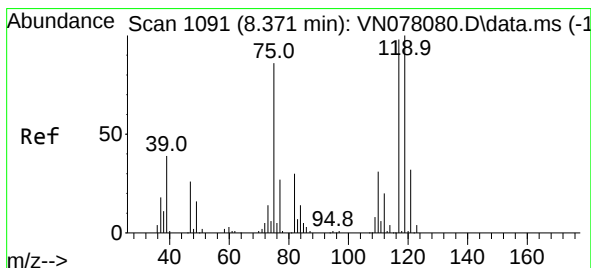
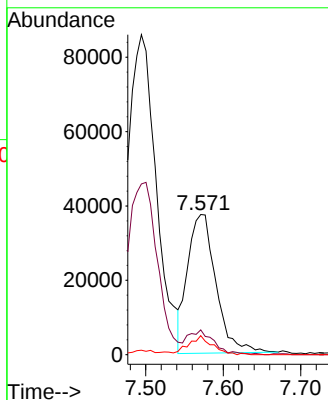
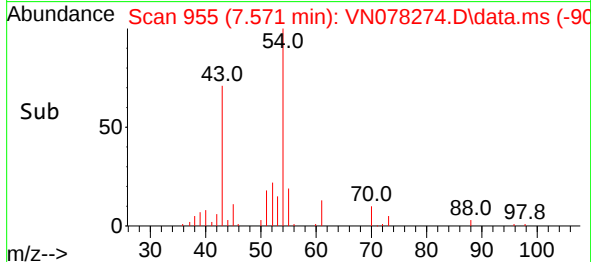
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



Tgt Ion: 43 Resp: 94848
Ion Ratio Lower Upper
43 100
61 16.0 13.2 19.8
70 11.1 11.3 16.9

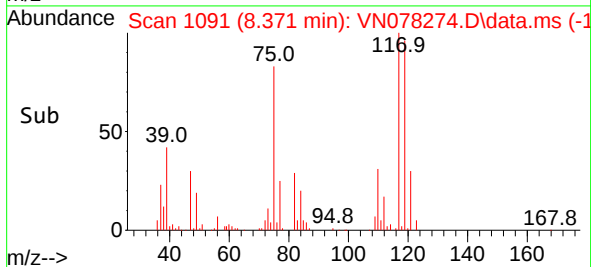
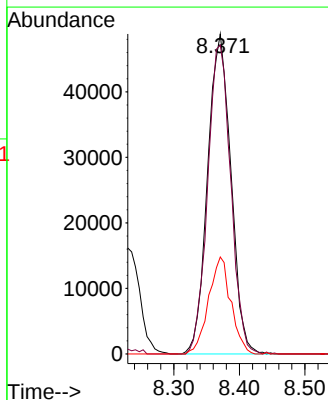
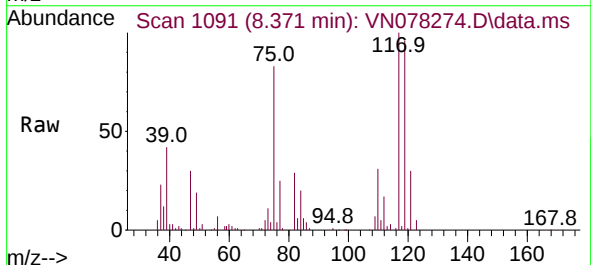
Manual Integrations
APPROVED

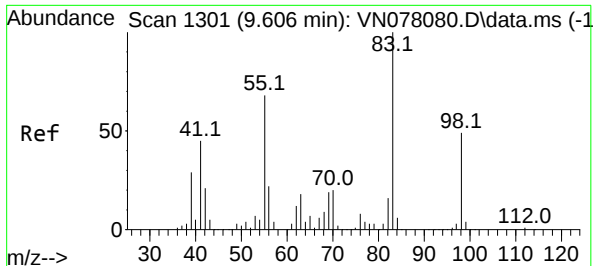
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#38
Carbon Tetrachloride
Concen: 20.708 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Tgt Ion:117 Resp: 120545
Ion Ratio Lower Upper
117 100
119 96.5 77.3 115.9
121 30.3 23.3 34.9





#39

Methylcyclohexane

Concen: 16.733 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0619MBS01

Tgt Ion: 83 Resp: 95598

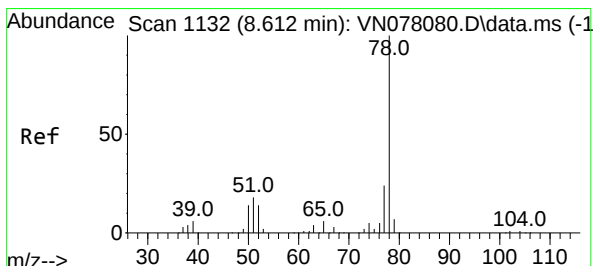
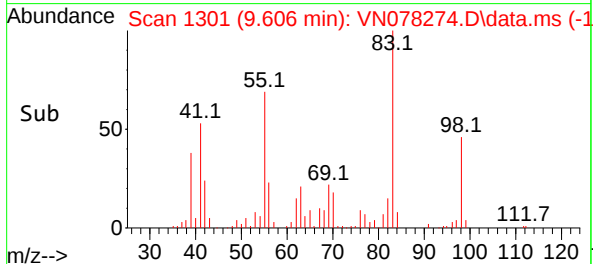
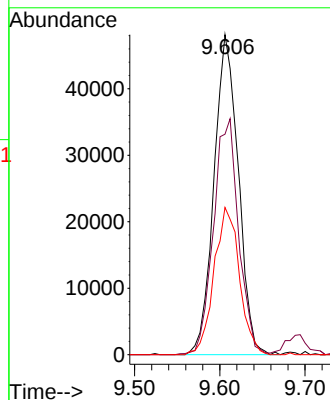
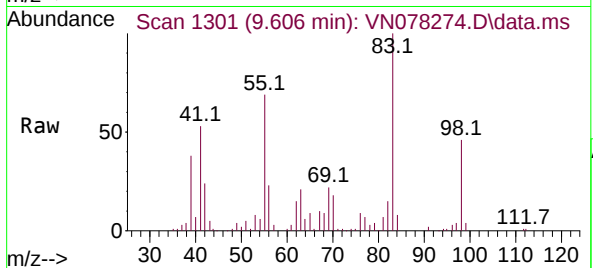
Ion	Ratio	Lower	Upper
83	100		
55	68.6	49.1	73.7
98	46.0	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#40

Benzene

Concen: 20.521 ug/l

RT: 8.612 min Scan# 1132

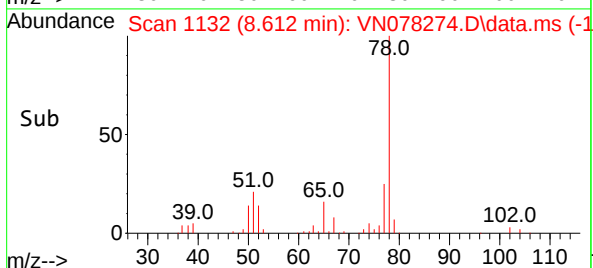
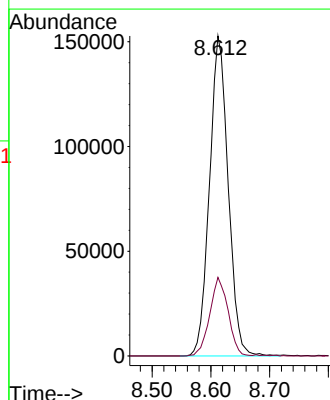
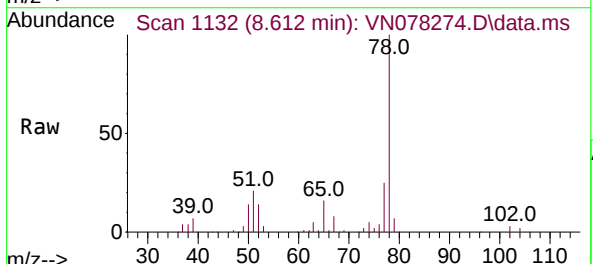
Delta R.T. 0.000 min

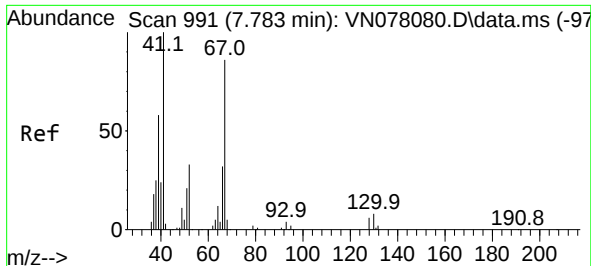
Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Tgt Ion: 78 Resp: 337742

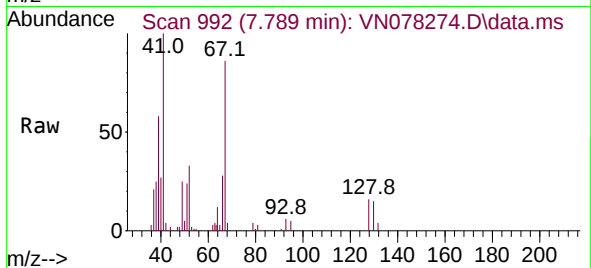
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.6





#41
Methacrylonitrile
Concen: 21.323 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

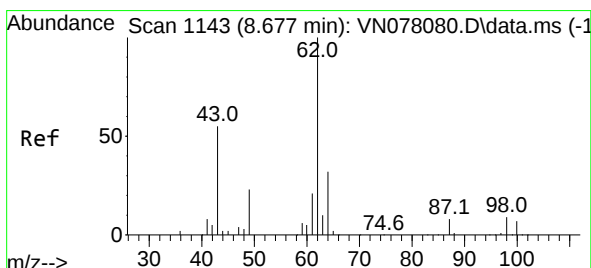
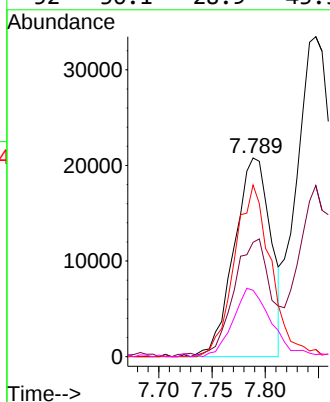
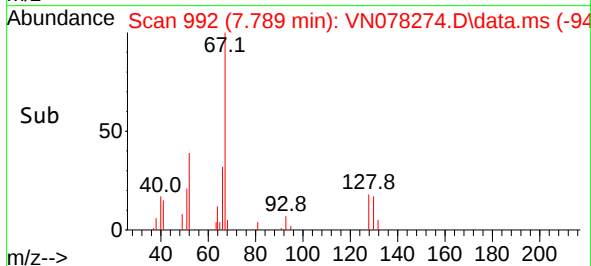
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



Tgt Ion: 41 Resp: 49775
Ion Ratio Lower Upper
41 100
39 62.8 42.6 64.0
67 86.5 77.5 116.3
52 36.1 28.9 43.3

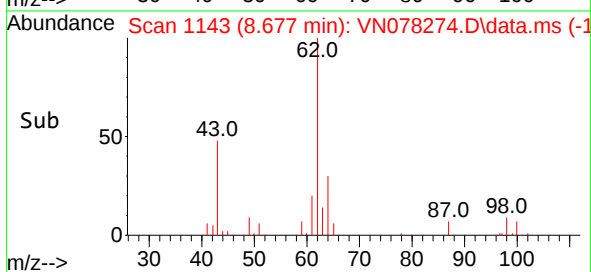
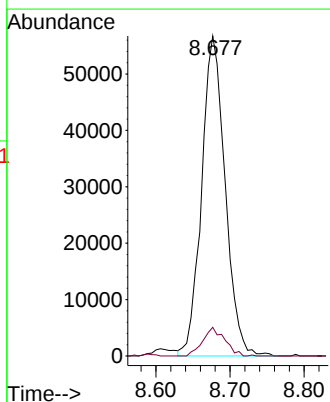
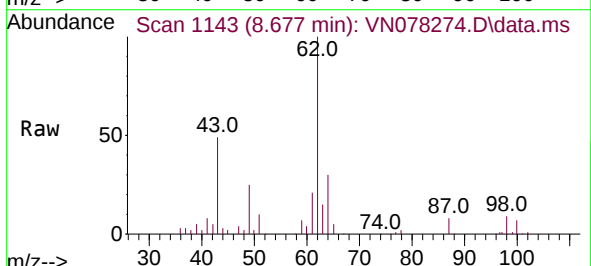
Manual Integrations
APPROVED

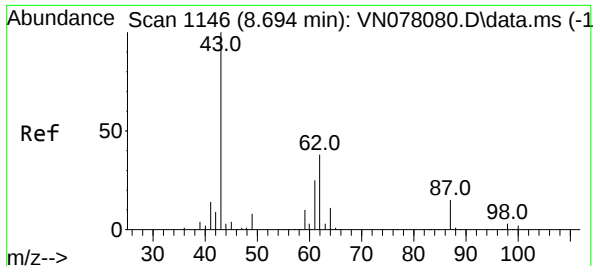
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 22.198 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Tgt Ion: 62 Resp: 125263
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





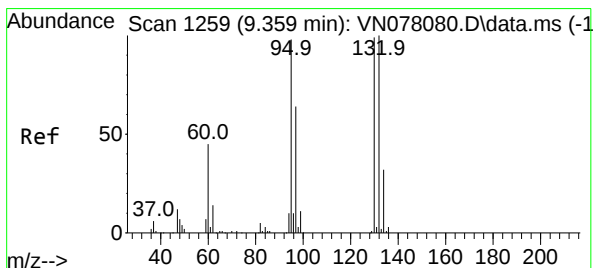
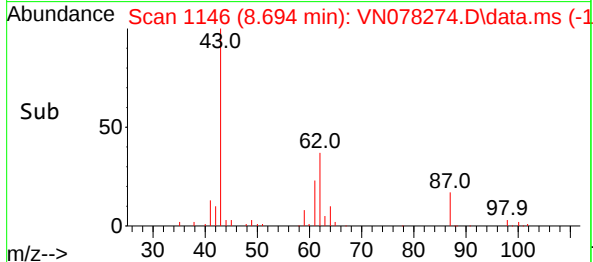
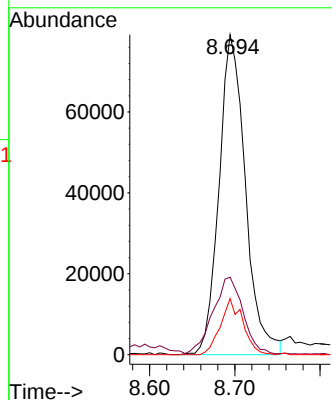
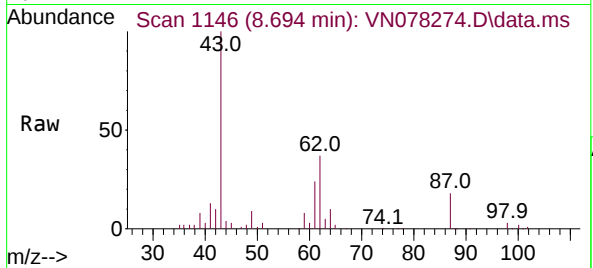
#43
Isopropyl Acetate
Concen: 20.654 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion: 43 Resp: 17011
Ion Ratio Lower Upper
43 100
61 27.1 24.7 37.1
87 14.9 14.6 21.8

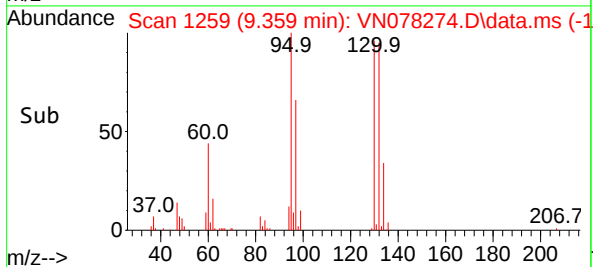
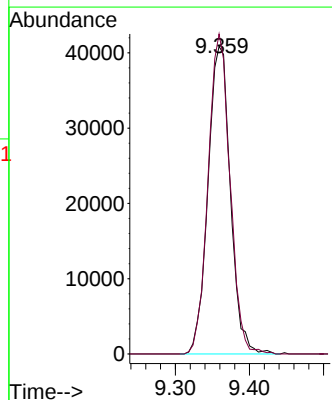
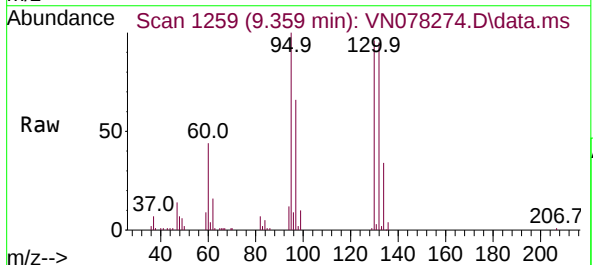
Manual Integrations
APPROVED

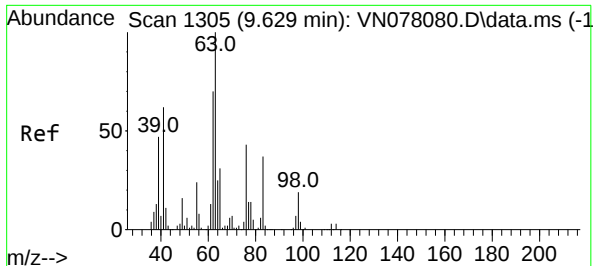
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#44
Trichloroethene
Concen: 19.730 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Tgt Ion:130 Resp: 85758
Ion Ratio Lower Upper
130 100
95 104.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 22.002 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0619MBS01

Tgt Ion: 63 Resp: 90090

Ion Ratio Lower Upper

63 100

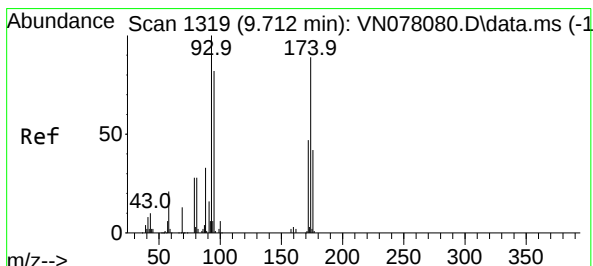
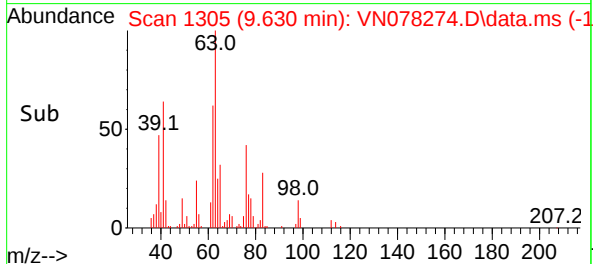
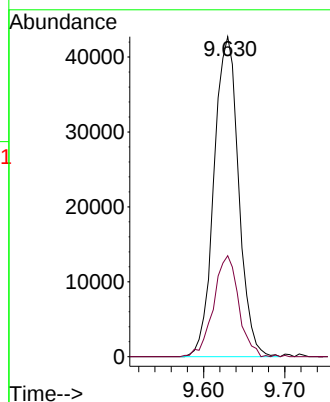
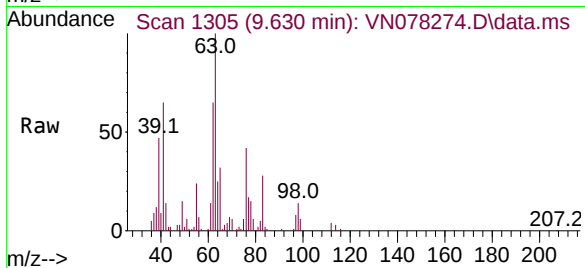
65 31.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 20.367 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

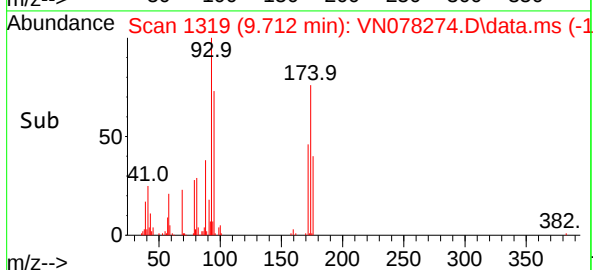
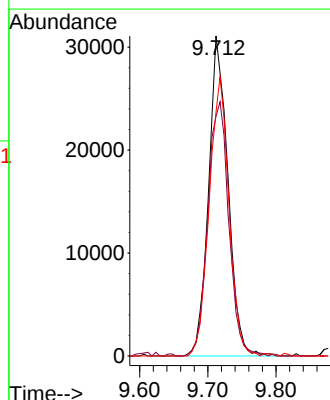
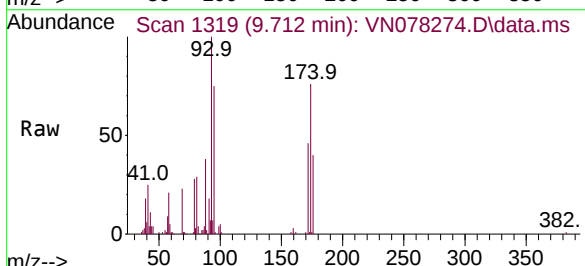
Tgt Ion: 93 Resp: 61430

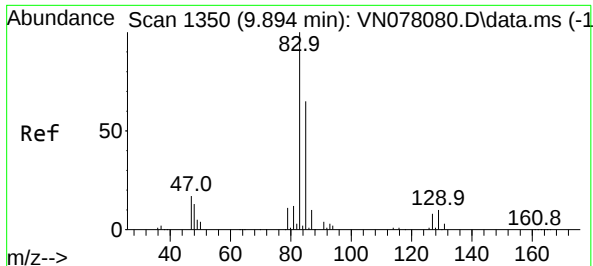
Ion Ratio Lower Upper

93 100

95 86.2 63.8 95.8

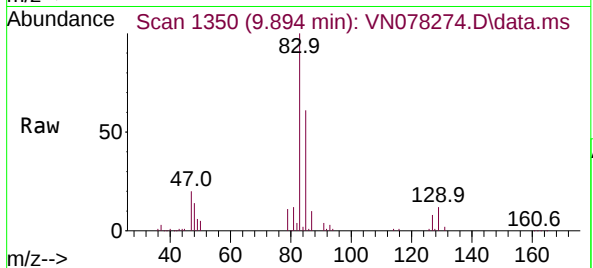
174 88.7 65.6 98.4





#47
Bromodichloromethane
Concen: 23.056 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

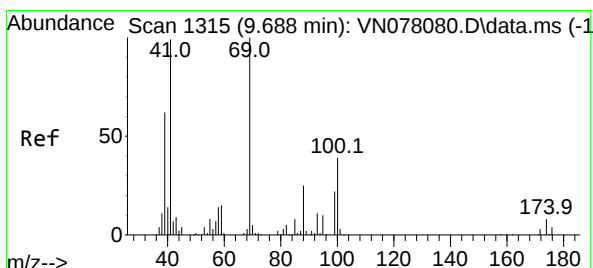
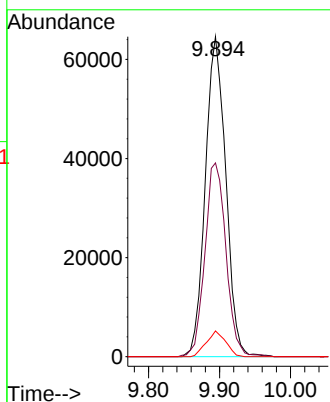
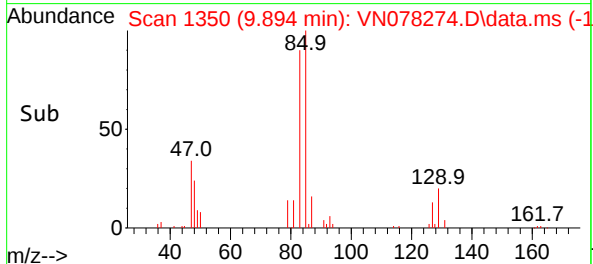
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



Tgt Ion: 83 Resp: 129174
Ion Ratio Lower Upper
83 100
85 60.5 49.6 74.4
127 8.0 7.0 10.6

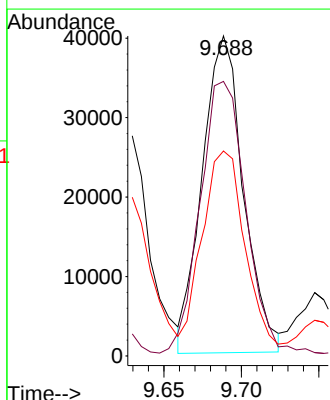
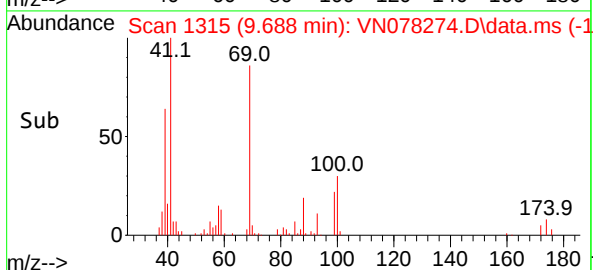
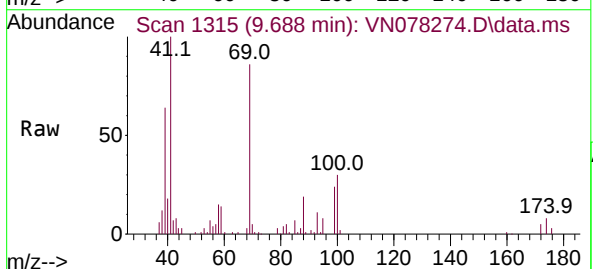
Manual Integrations
APPROVED

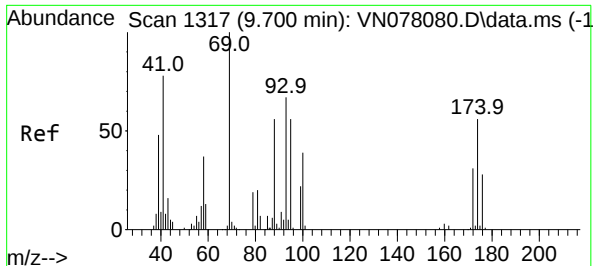
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#48
Methyl methacrylate
Concen: 21.332 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

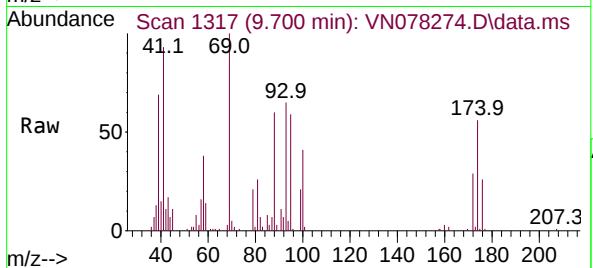
Tgt Ion: 41 Resp: 73734
Ion Ratio Lower Upper
41 100
69 98.4 90.4 135.6
39 68.8 54.6 81.8





#49
1,4-Dioxane
Concen: 412.887 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

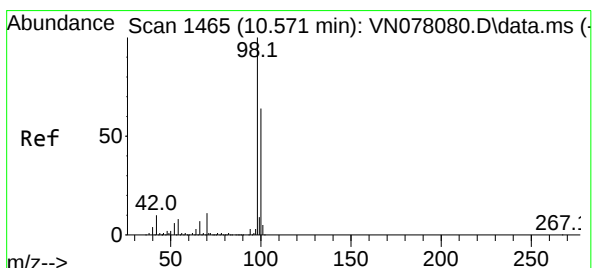
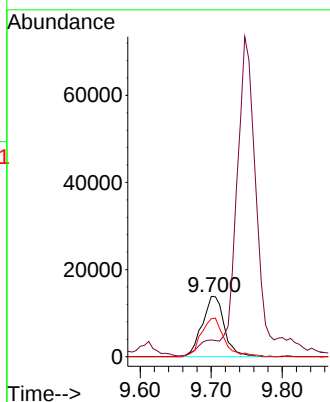
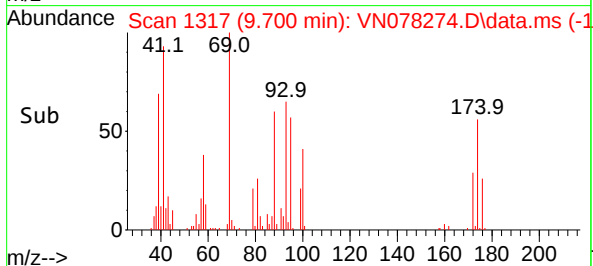
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



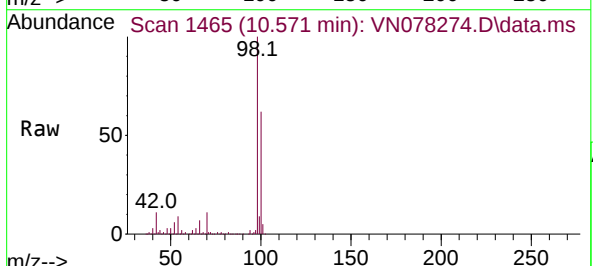
Tgt Ion: 88 Resp: 2999
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6
58 66.6 47.0 70.4

Manual Integrations
APPROVED

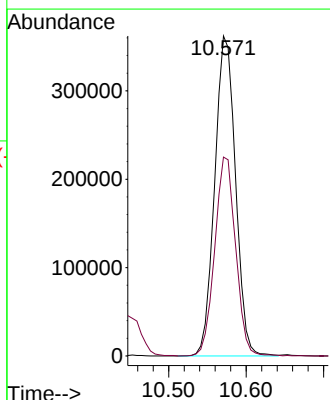
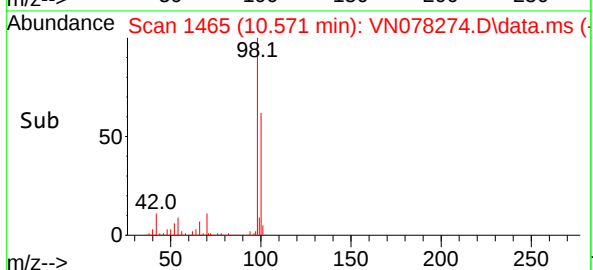
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

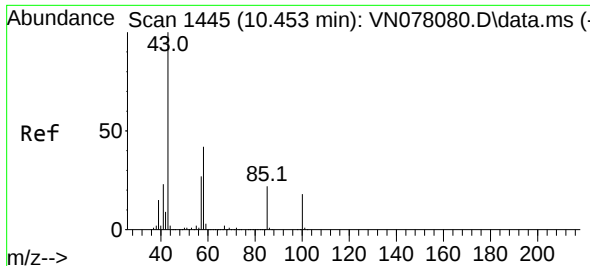


#50
Toluene-d8
Concen: 45.620 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



Tgt Ion: 98 Resp: 675947
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0





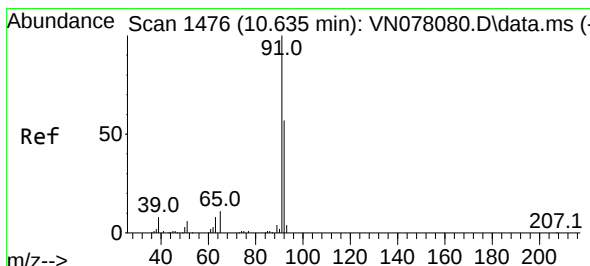
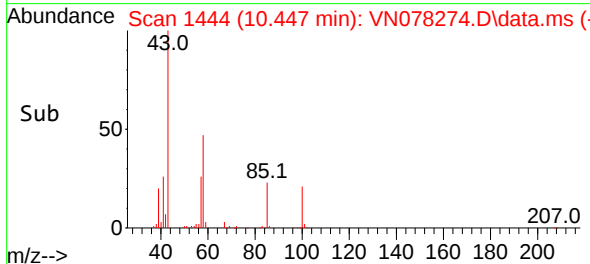
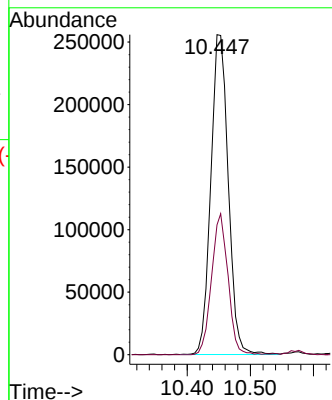
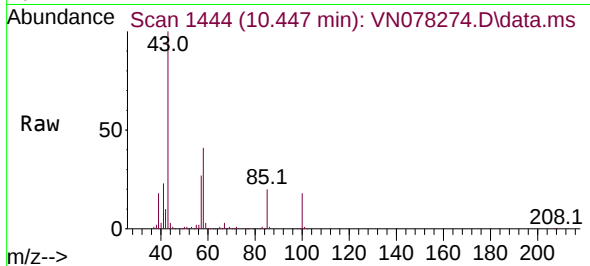
#51
4-Methyl-2-Pentanone
Concen: 113.192 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion: 43 Resp: 49093
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

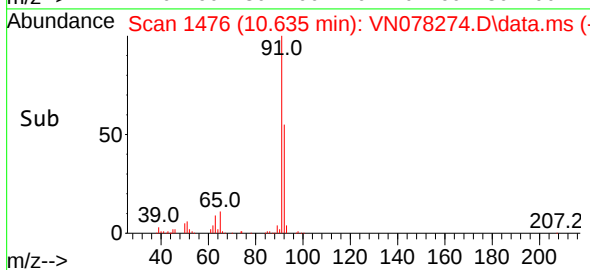
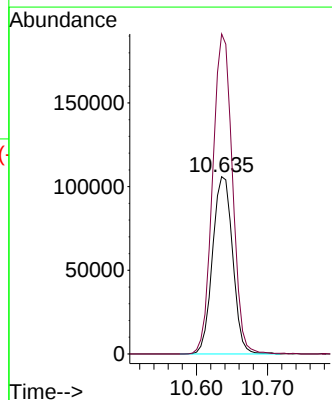
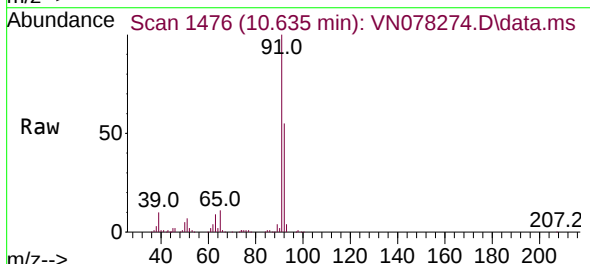
Manual Integrations
APPROVED

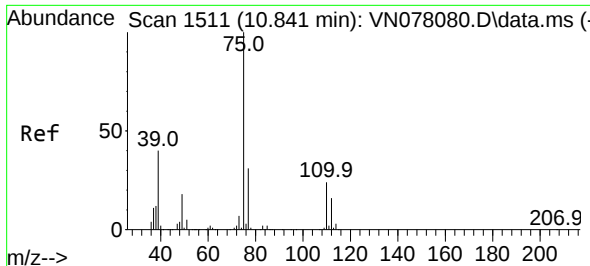
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#52
Toluene
Concen: 20.000 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Tgt Ion: 92 Resp: 207828
Ion Ratio Lower Upper
92 100
91 177.6 137.4 206.0





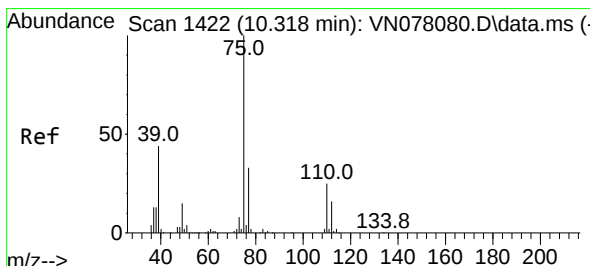
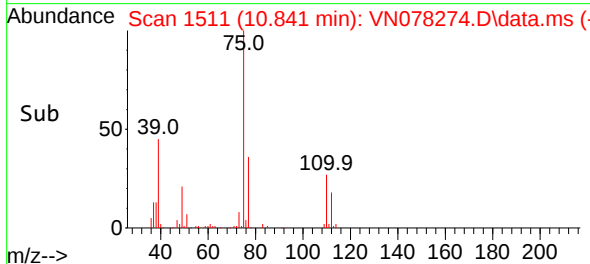
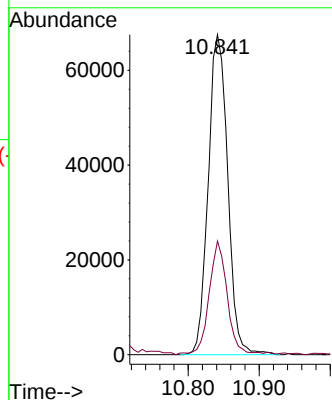
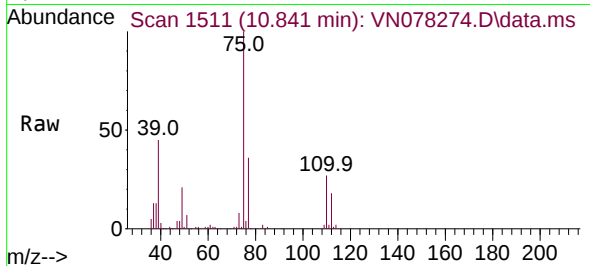
#53
t-1,3-Dichloropropene
Concen: 22.086 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion: 75 Resp: 128870
Ion Ratio Lower Upper
75 100
77 35.1 25.4 38.0

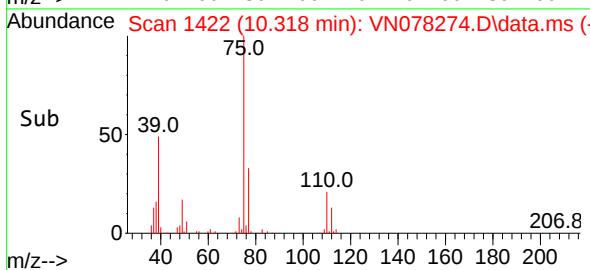
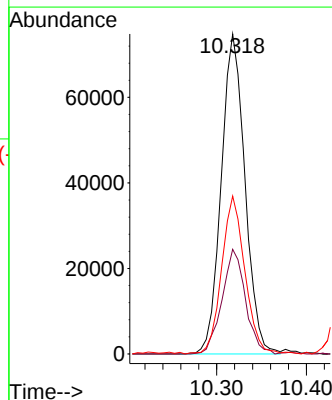
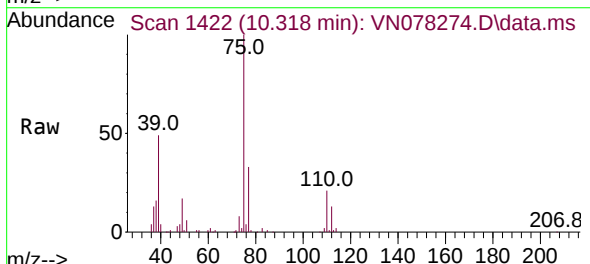
Manual Integrations
APPROVED

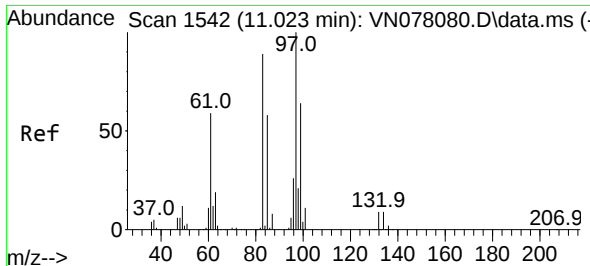
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#54
cis-1,3-Dichloropropene
Concen: 21.288 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

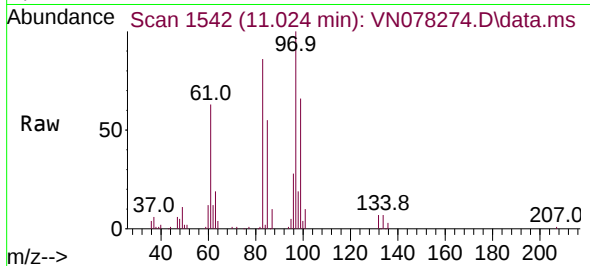
Tgt Ion: 75 Resp: 137303
Ion Ratio Lower Upper
75 100
77 32.7 26.1 39.1
39 49.0 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 22.639 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

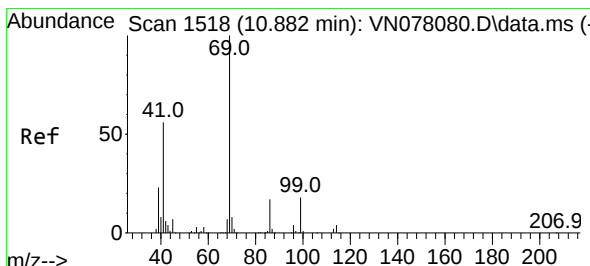
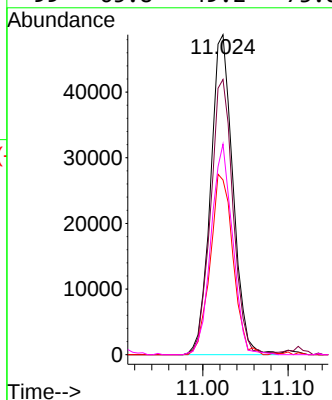
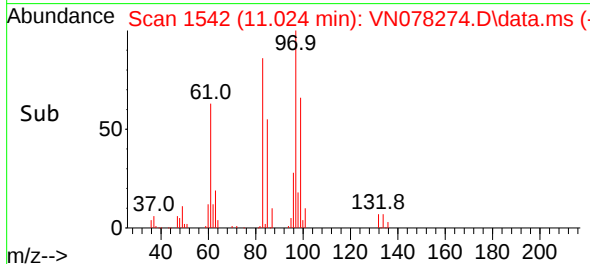
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



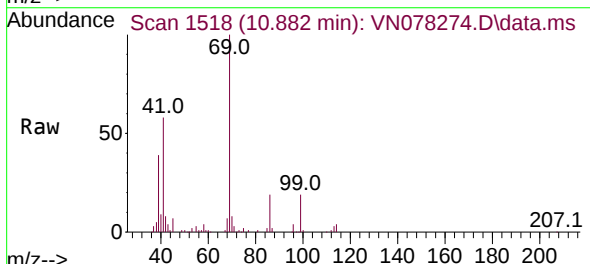
Tgt Ion:	97	Resp:	88994
Ion Ratio	100	Lower	Upper
97	100		
83	86.0	65.1	97.7
85	54.6	43.4	65.2
99	65.8	49.2	73.8

Manual Integrations
APPROVED

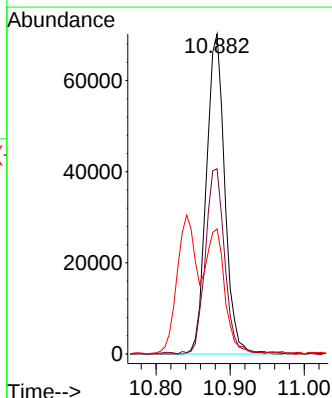
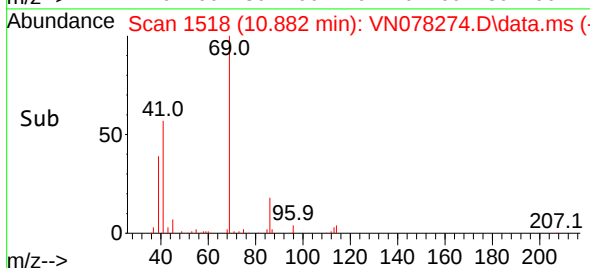
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

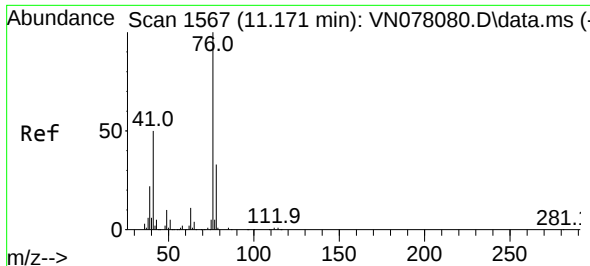


#56
Ethyl methacrylate
Concen: 21.140 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



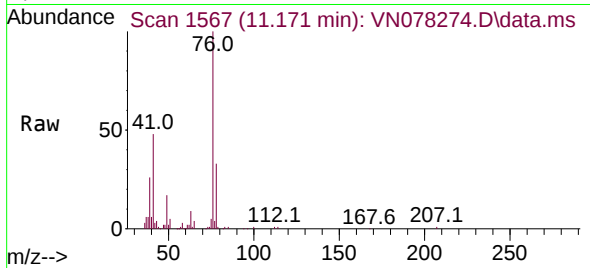
Tgt Ion:	69	Resp:	121003
Ion Ratio	100	Lower	Upper
69	100		
41	60.8	39.6	59.4
39	40.6	28.6	43.0





#57
1,3-Dichloropropane
Concen: 22.135 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

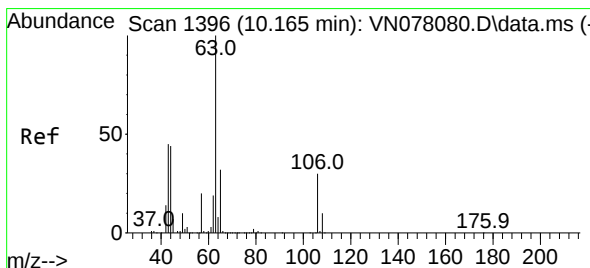
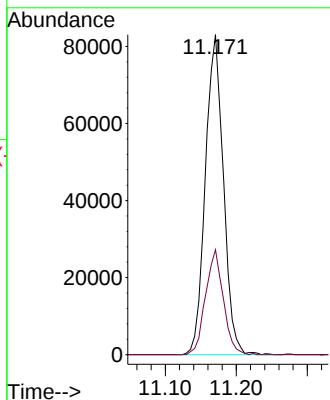
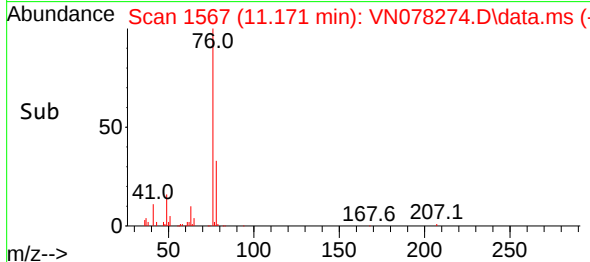
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



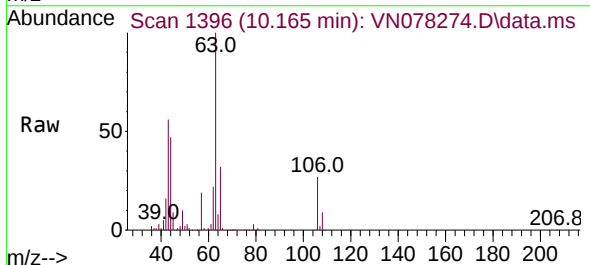
Tgt Ion: 76 Resp: 146879
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

Manual Integrations
APPROVED

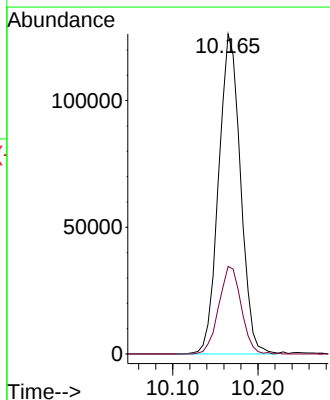
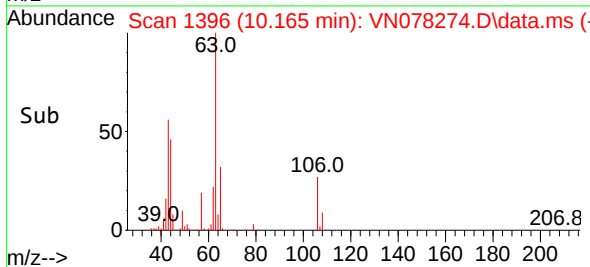
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

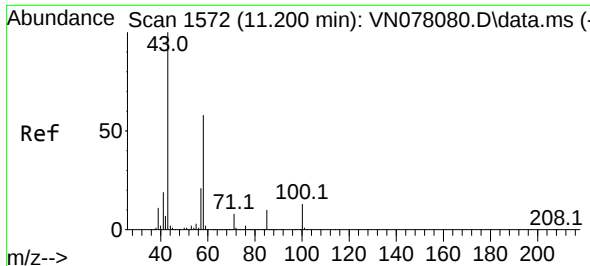


#58
2-Chloroethyl Vinyl ether
Concen: 97.366 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



Tgt Ion: 63 Resp: 225132
Ion Ratio Lower Upper
63 100
106 28.0 26.2 39.4





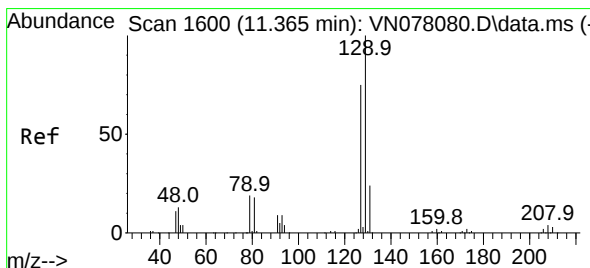
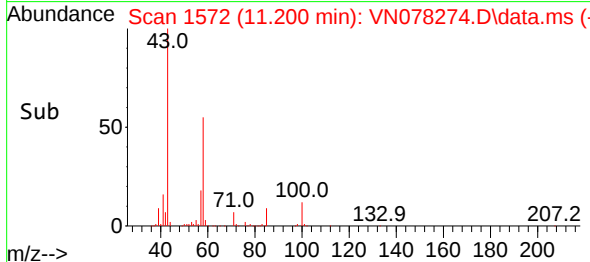
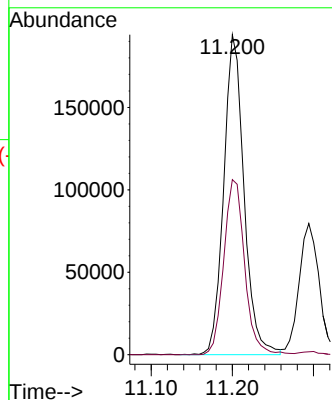
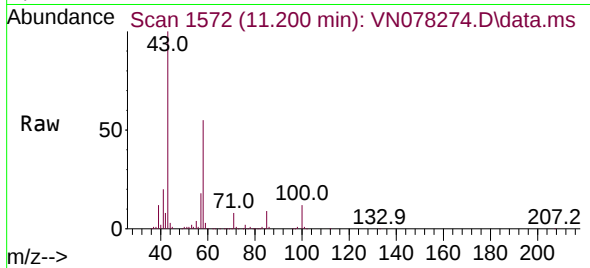
#59
2-Hexanone
Concen: 111.794 ug/l
RT: 11.200 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion: 43 Resp: 33761
Ion Ratio Lower Upper
43 100
58 56.4 31.7 95.1

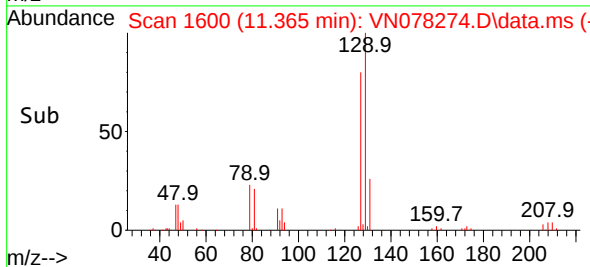
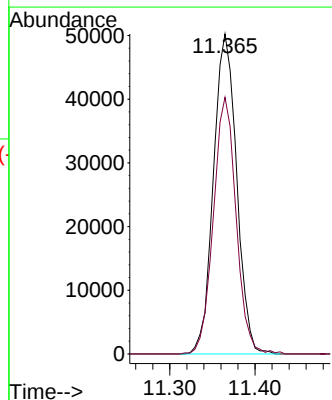
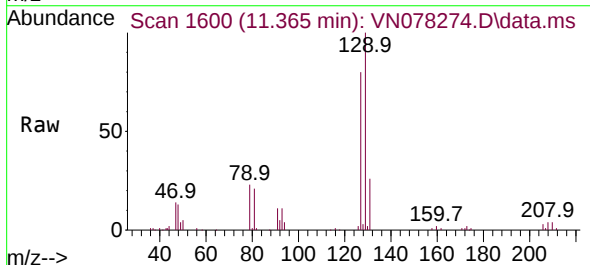
Manual Integrations
APPROVED

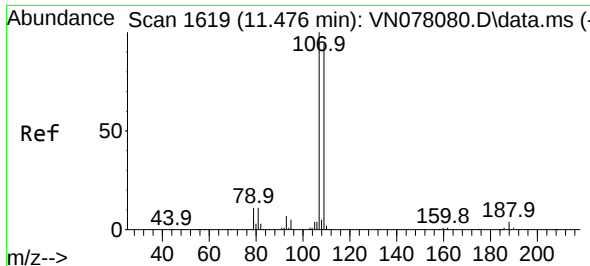
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#60
Dibromochloromethane
Concen: 22.061 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Tgt Ion:129 Resp: 94897
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





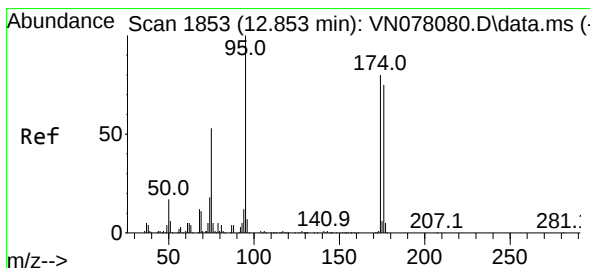
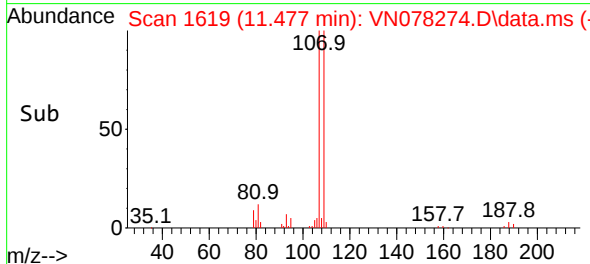
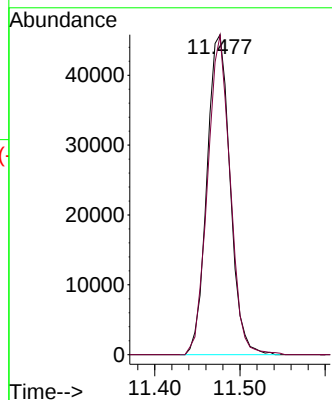
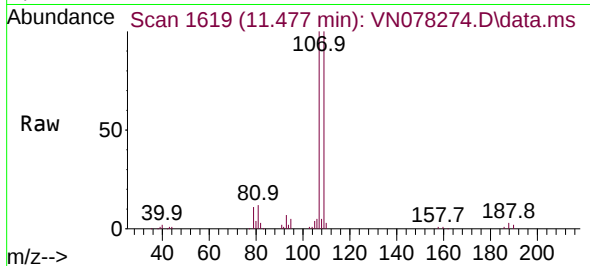
#61
1,2-Dibromoethane
Concen: 20.977 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion:107 Resp: 8653
Ion Ratio Lower Upper
107 100
109 97.3 76.6 114.8

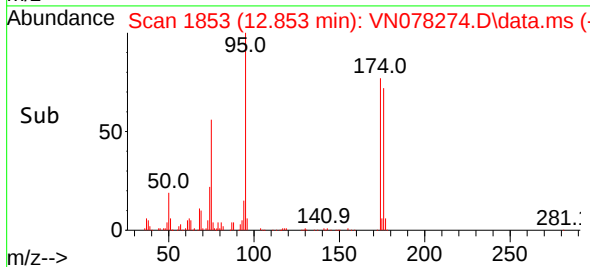
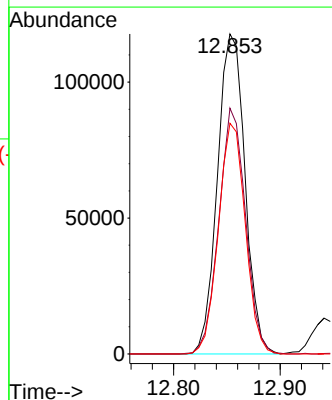
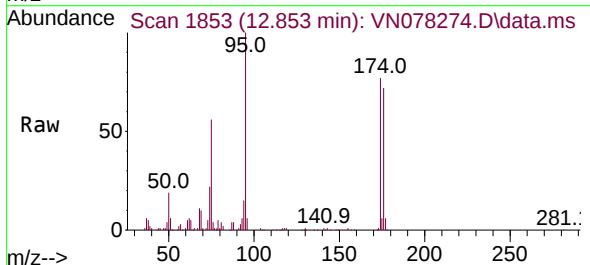
Manual Integrations
APPROVED

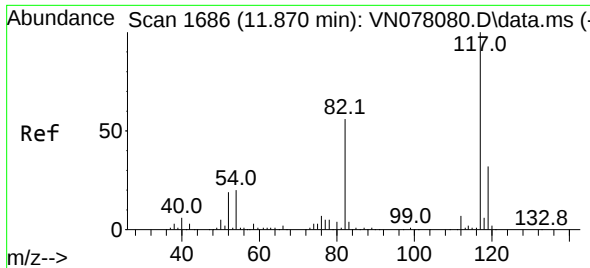
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#62
4-Bromofluorobenzene
Concen: 45.905 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

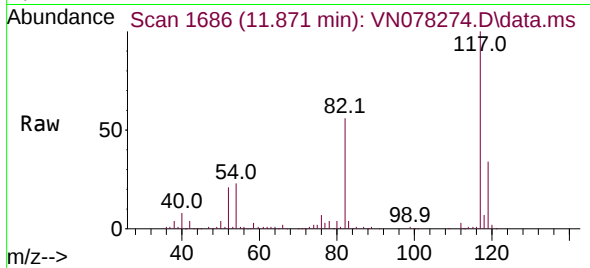
Tgt Ion: 95 Resp: 211447
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 70.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

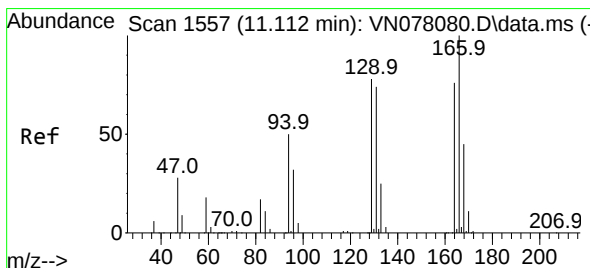
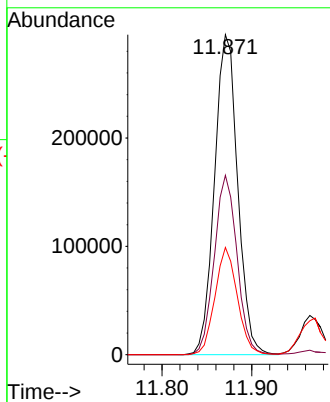
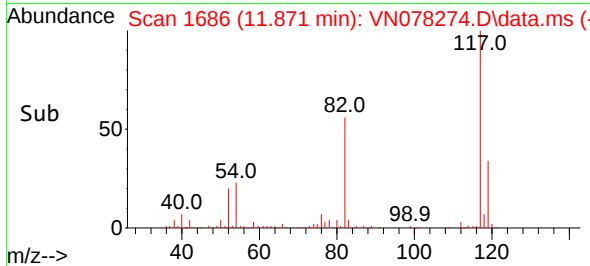
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



Tgt Ion:117 Resp: 529894
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 33.5 25.6 38.4

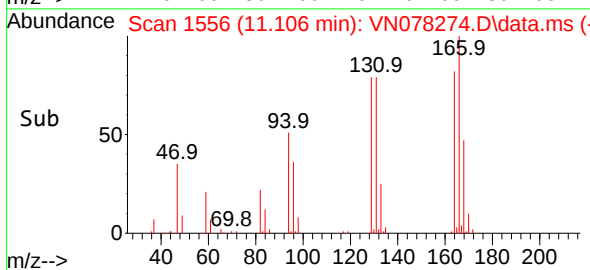
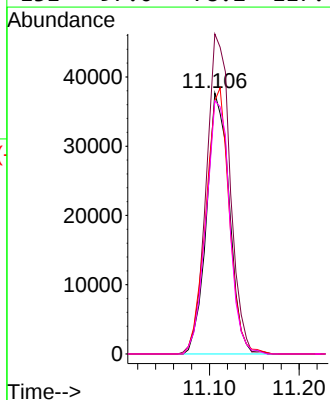
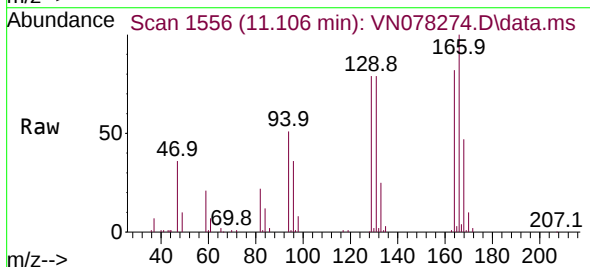
Manual Integrations
APPROVED

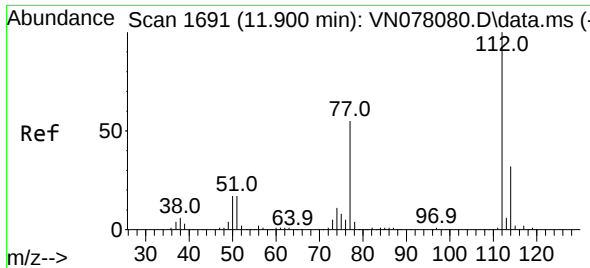
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#64
Tetrachloroethene
Concen: 18.879 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Tgt Ion:164 Resp: 66738
Ion Ratio Lower Upper
164 100
166 122.7 101.4 152.0
129 97.1 82.4 123.6
131 97.0 78.2 117.4





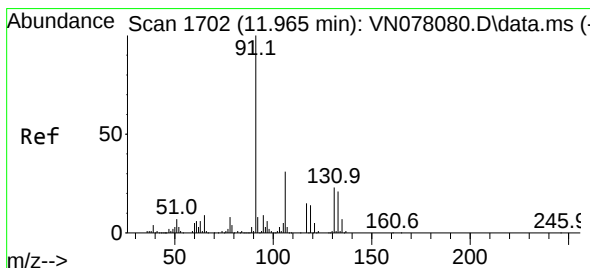
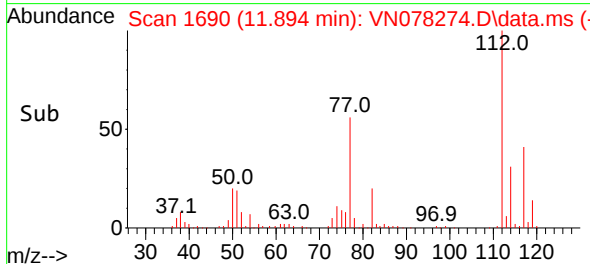
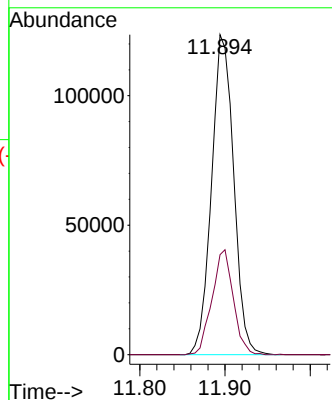
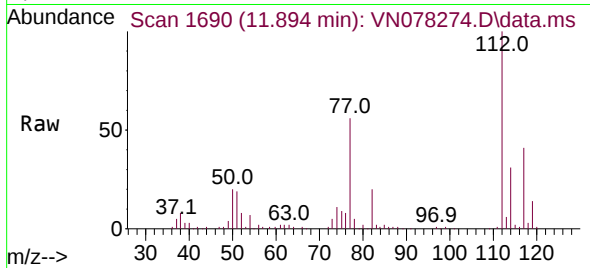
#65
Chlorobenzene
Concen: 19.666 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion:112 Resp: 223170
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

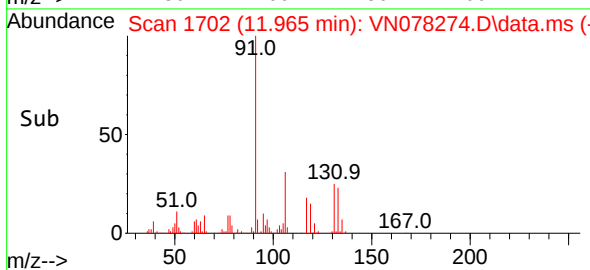
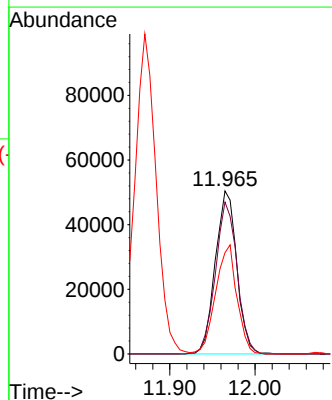
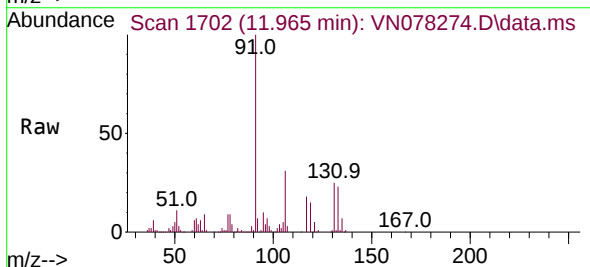
Manual Integrations
APPROVED

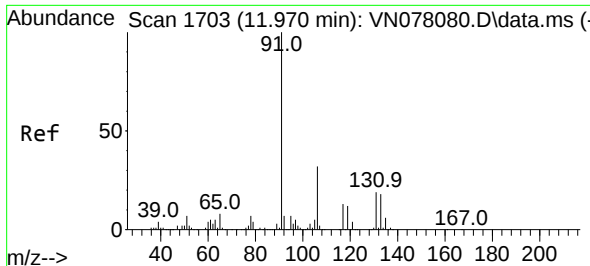
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.150 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Tgt Ion:131 Resp: 88276
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 66.4 34.1 102.2





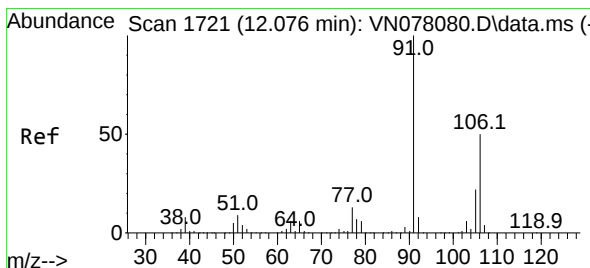
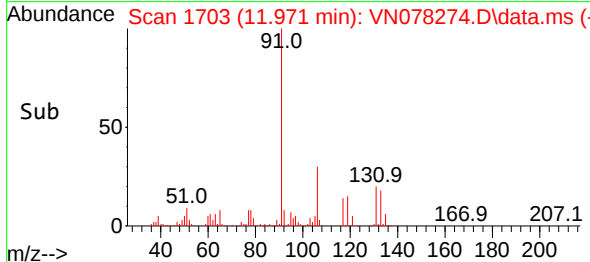
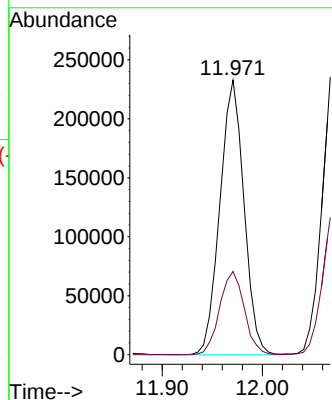
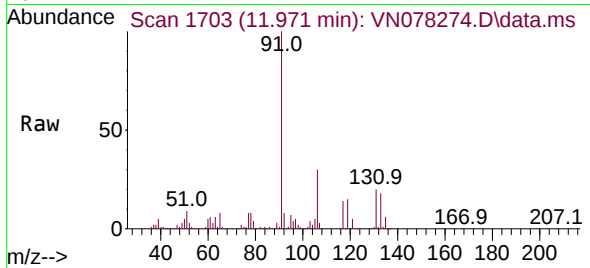
#67
Ethyl Benzene
Concen: 19.817 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion: 91 Resp: 38803
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

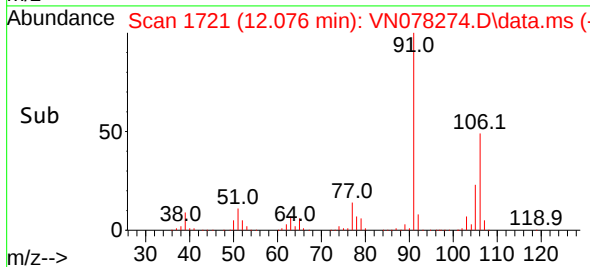
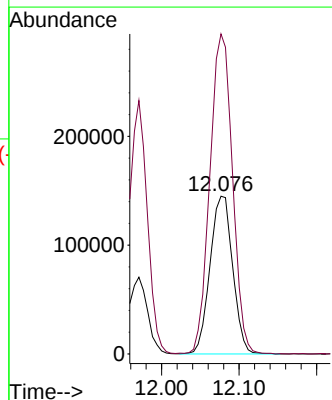
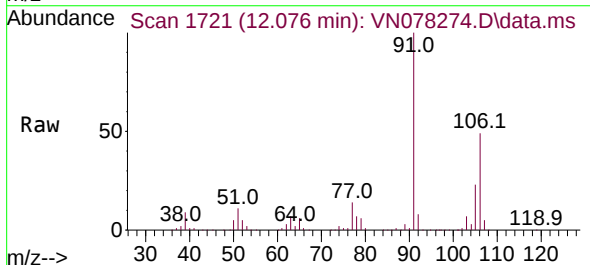
Manual Integrations
APPROVED

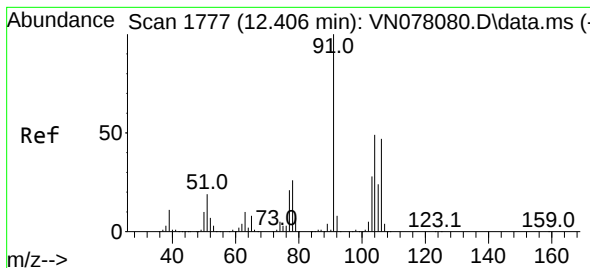
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#68
m/p-Xylenes
Concen: 39.498 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Tgt Ion:106 Resp: 294742
Ion Ratio Lower Upper
106 100
91 202.5 159.6 239.4





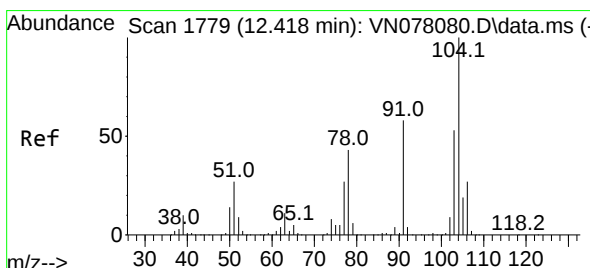
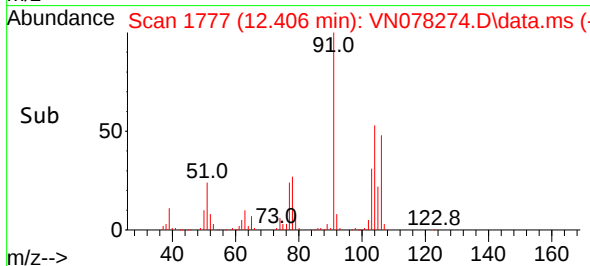
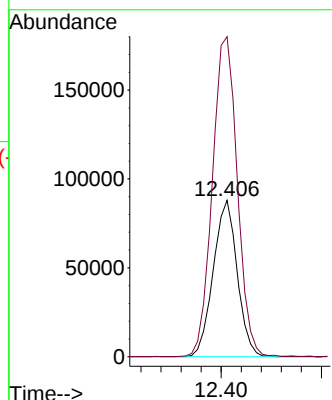
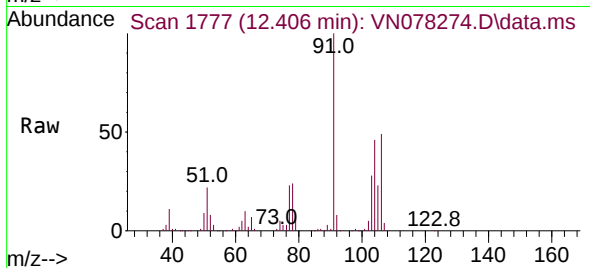
#69
o-Xylene
Concen: 19.870 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion:106 Resp: 145610
Ion Ratio Lower Upper
106 100
91 213.5 105.2 315.5

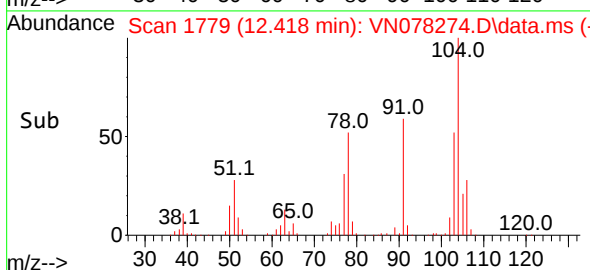
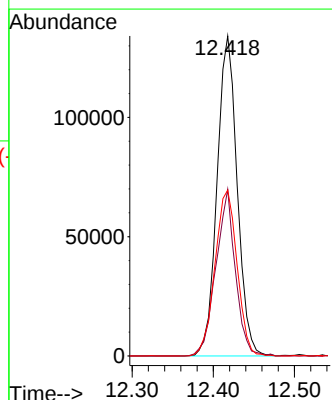
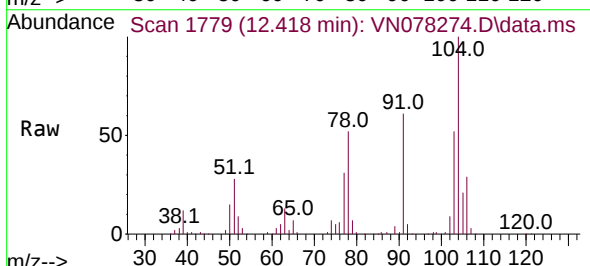
Manual Integrations
APPROVED

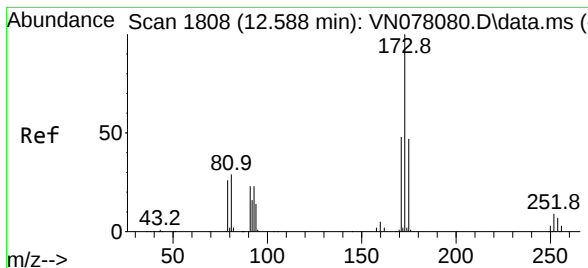
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 20.090 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

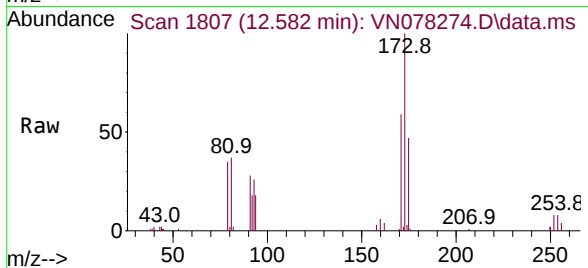
Tgt Ion:104 Resp: 231773
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 56.7 43.2 64.8





#71
Bromoform
Concen: 21.819 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

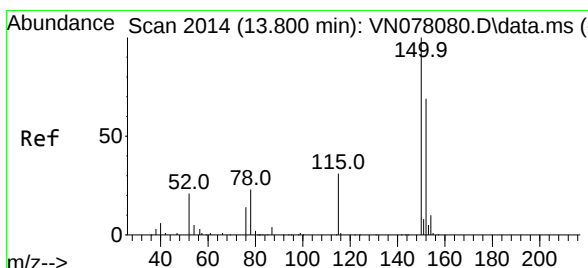
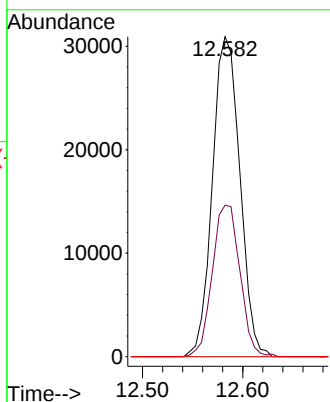
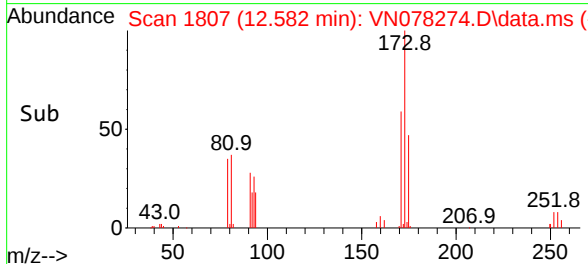
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



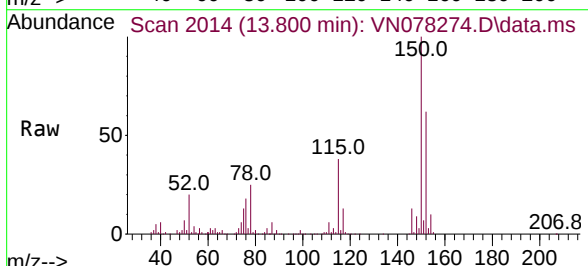
Tgt Ion:173 Resp: 5877
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

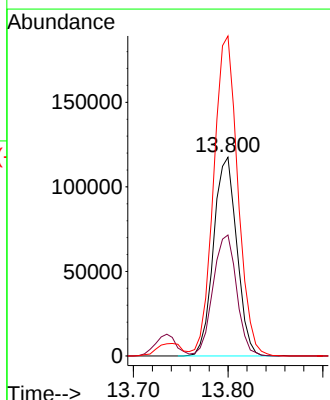
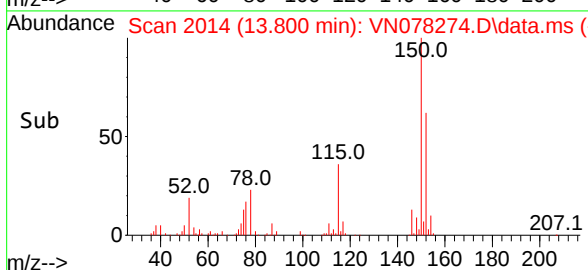
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

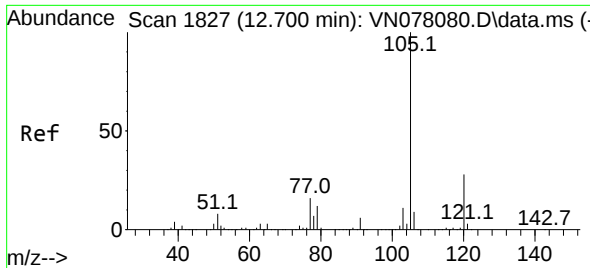


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



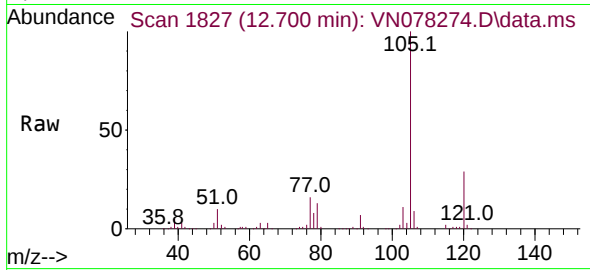
Tgt Ion:152 Resp: 200964
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 167.2 0.0 355.8





#73
Isopropylbenzene
Concen: 18.854 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

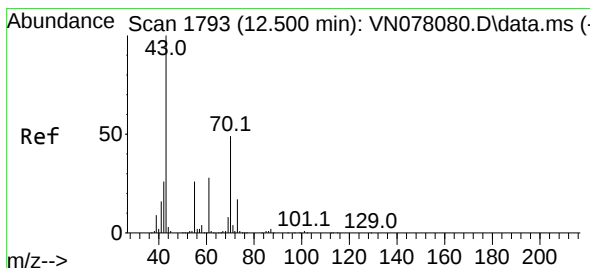
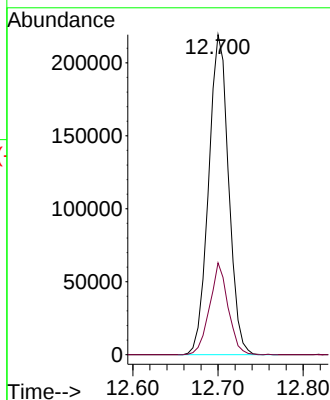
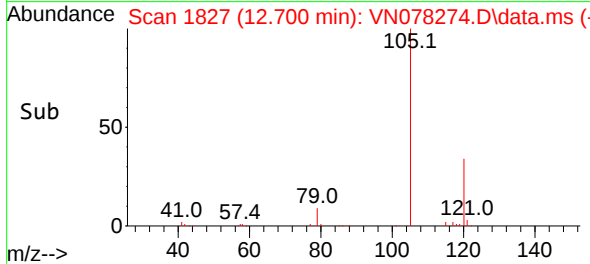
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



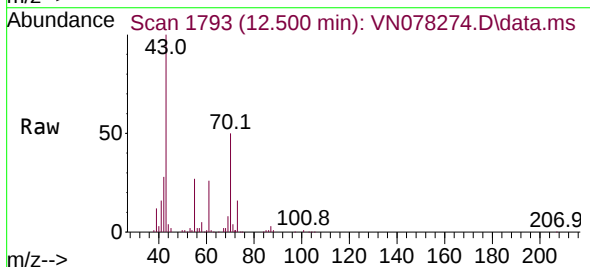
Tgt Ion:105 Resp: 35830
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
APPROVED

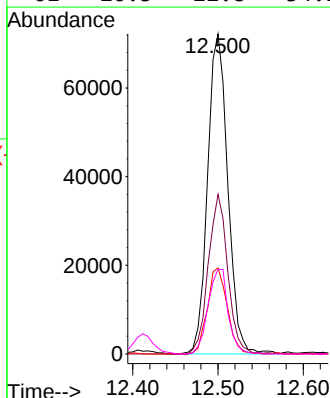
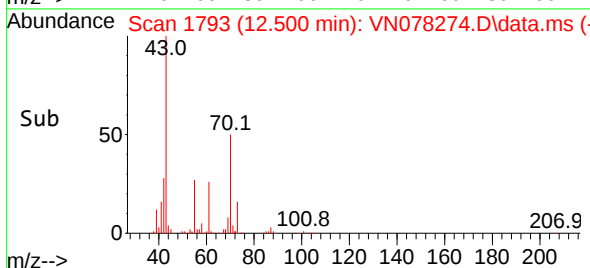
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

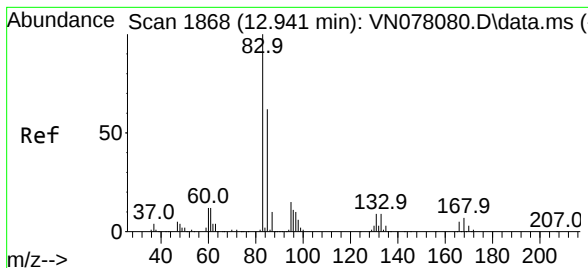


#74
N-ethyl acetate
Concen: 18.996 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



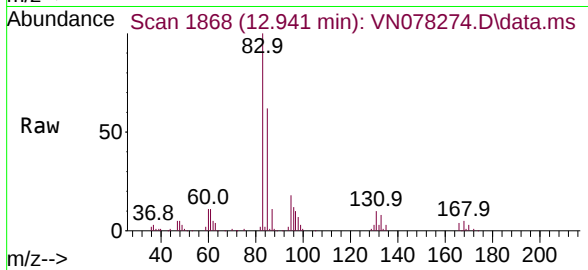
Tgt Ion: 43 Resp: 118875
Ion Ratio Lower Upper
43 100
70 48.2 43.4 65.2
55 26.5 21.4 32.0
61 26.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.957 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

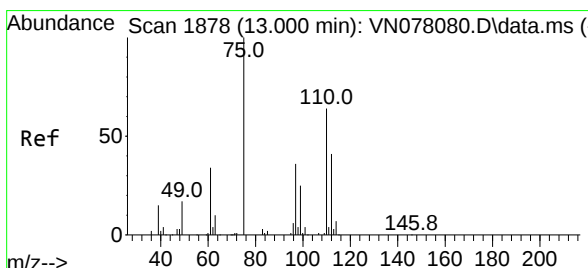
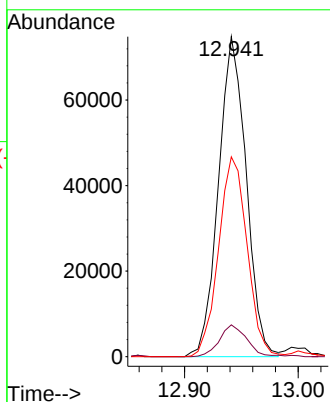
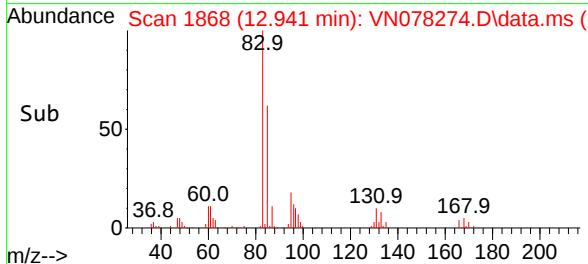
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



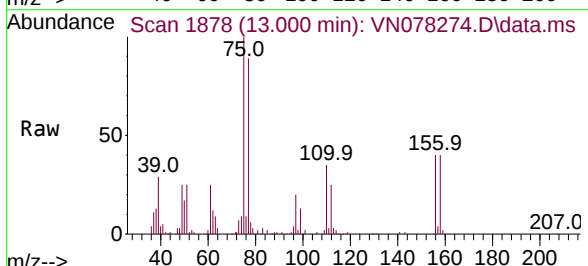
Tgt Ion: 83 Resp: 12691
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.4 31.9 95.7

Manual Integrations
APPROVED

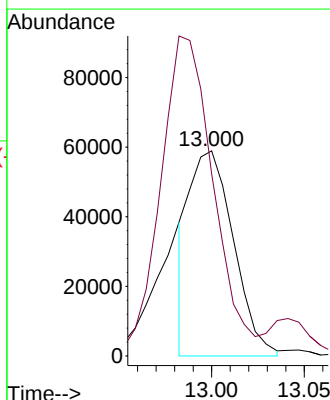
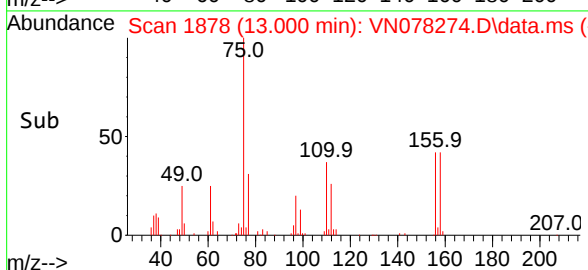
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

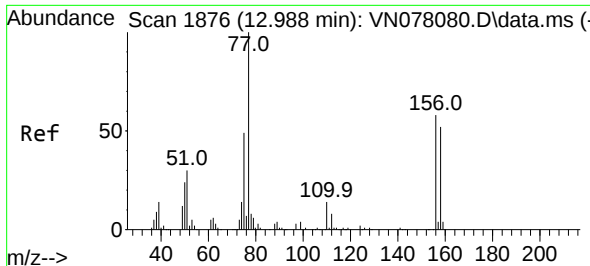


#76
1,2,3-Trichloropropane
Concen: 20.583 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



Tgt Ion: 75 Resp: 97789
Ion Ratio Lower Upper
75 100
77 185.8 84.5 253.5





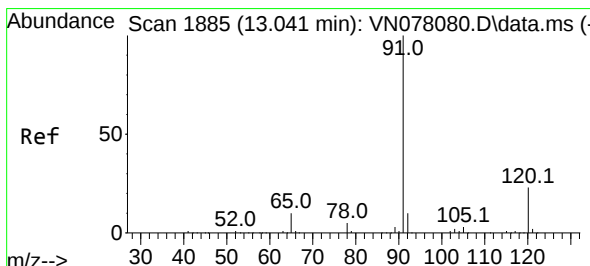
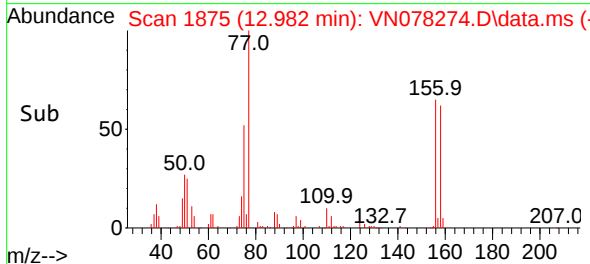
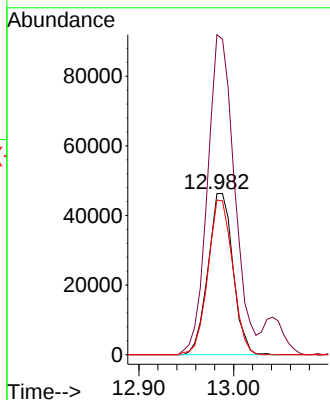
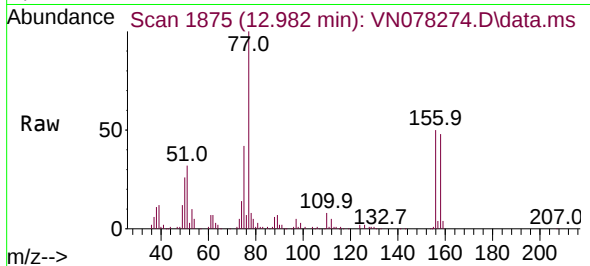
#77
Bromobenzene
Concen: 19.127 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion:156 Resp: 84380
Ion Ratio Lower Upper
156 100
77 215.3 107.7 323.3
158 95.6 48.4 145.3

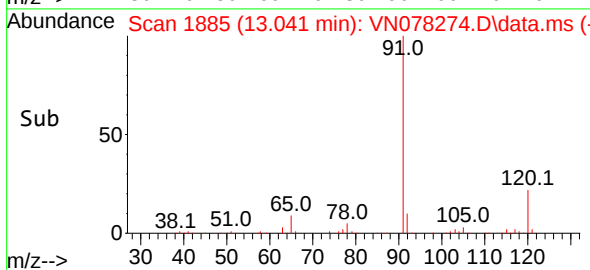
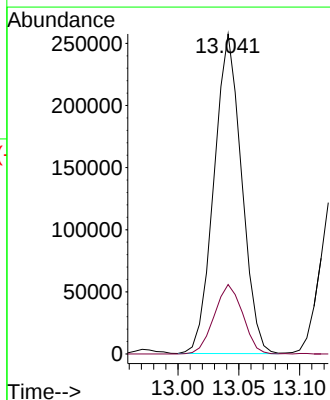
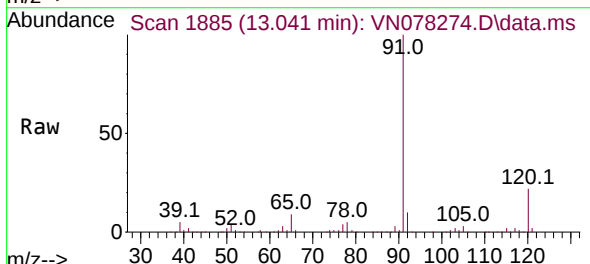
Manual Integrations
APPROVED

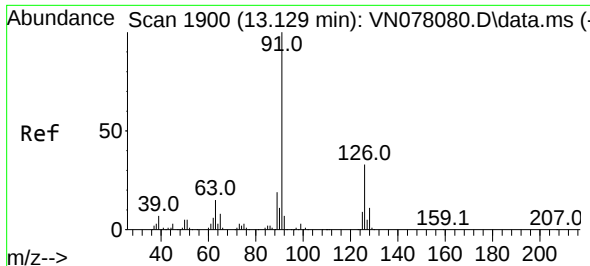
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#78
n-propylbenzene
Concen: 19.667 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Tgt Ion: 91 Resp: 406067
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





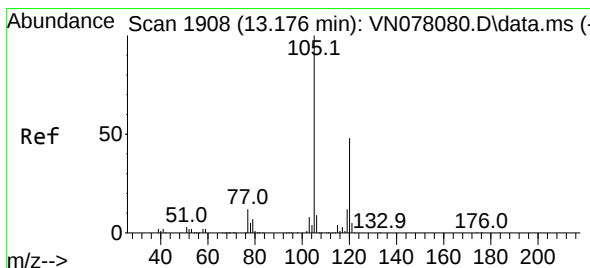
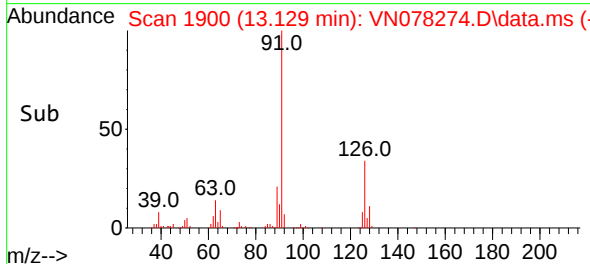
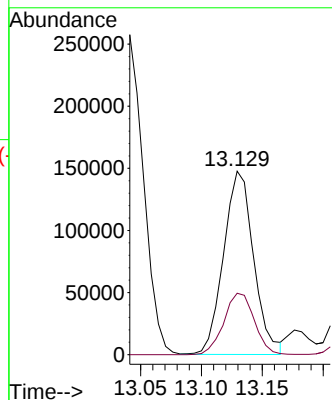
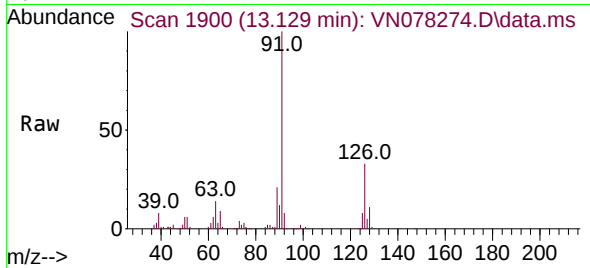
#79
2-Chlorotoluene
Concen: 19.069 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion: 91 Resp: 25414
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

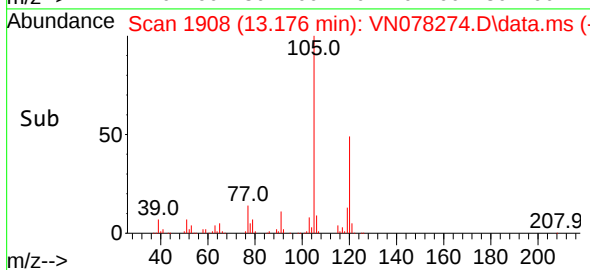
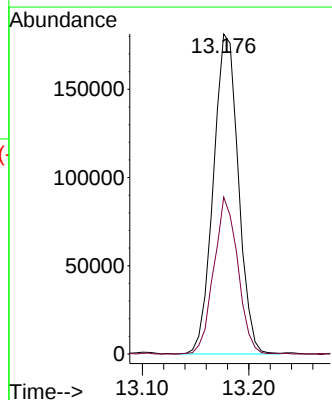
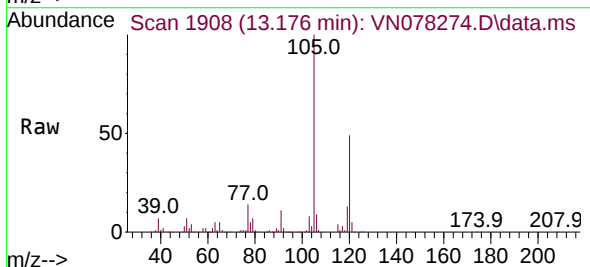
Manual Integrations
APPROVED

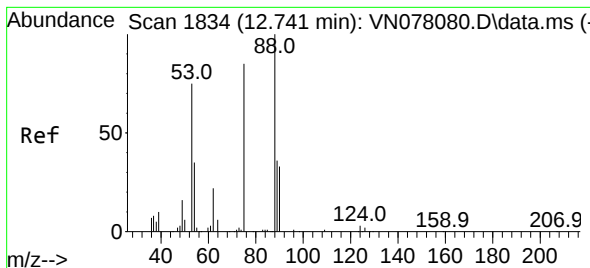
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.191 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

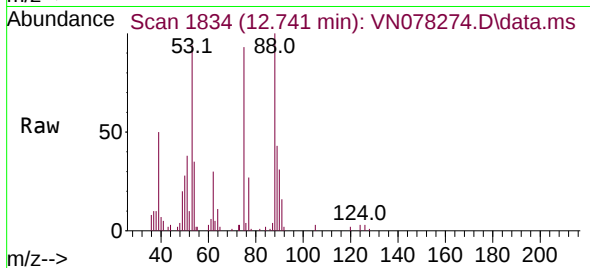
Tgt Ion:105 Resp: 295266
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 23.653 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

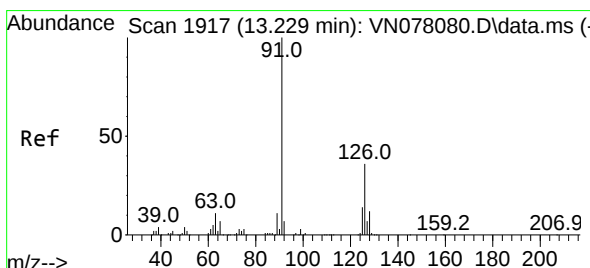
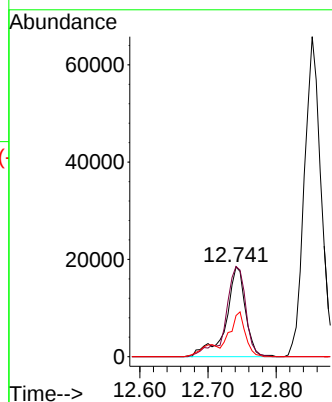
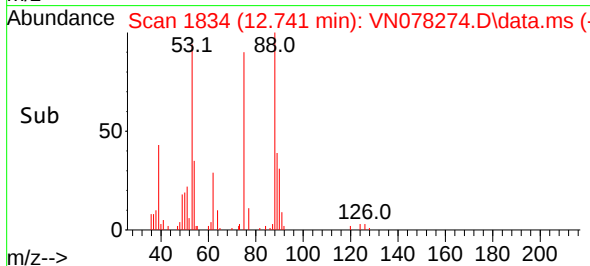
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



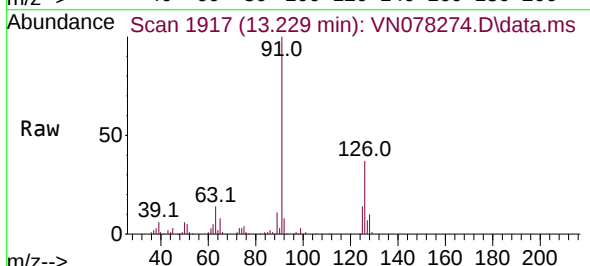
Tgt Ion: 75 Resp: 36579
Ion Ratio Lower Upper
75 100
53 103.3 67.4 101.2
89 39.8 38.8 58.2

Manual Integrations
APPROVED

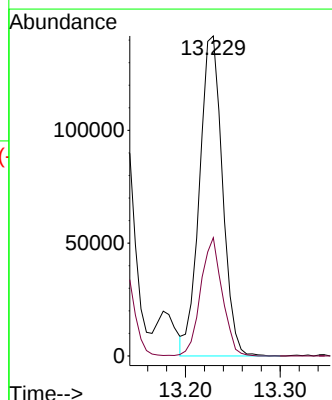
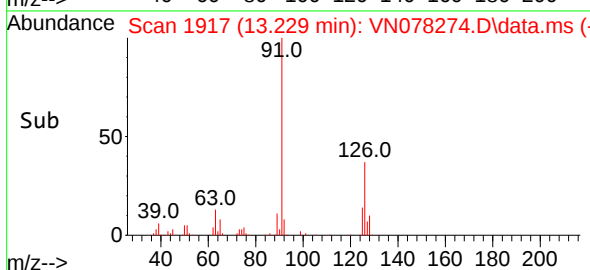
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

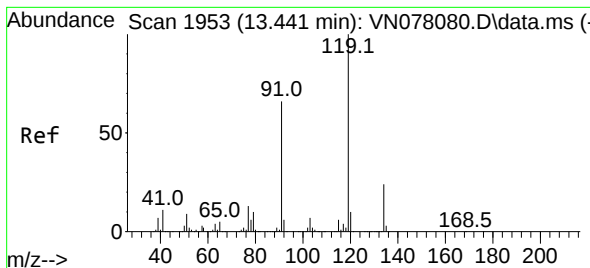


#82
4-Chlorotoluene
Concen: 19.168 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



Tgt Ion: 91 Resp: 238425
Ion Ratio Lower Upper
91 100
126 34.7 16.7 50.0





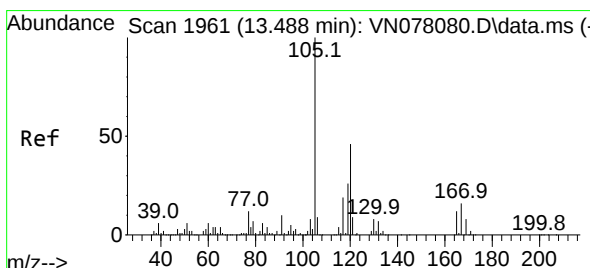
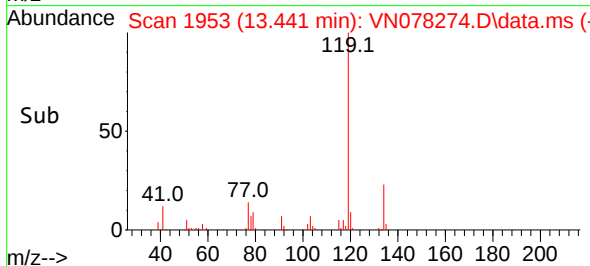
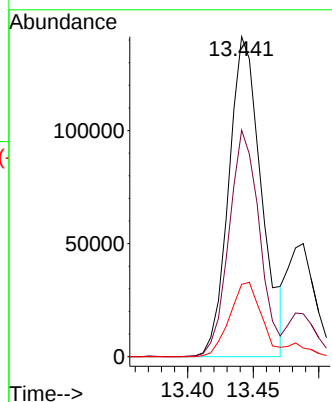
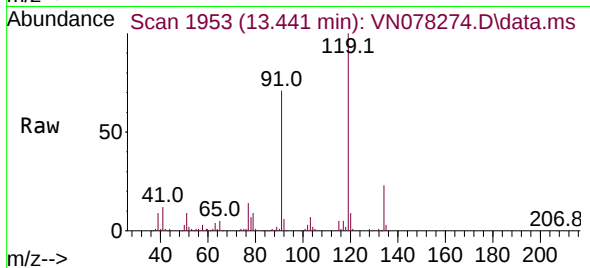
#83
tert-Butylbenzene
Concen: 18.303 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01

Tgt Ion:119 Resp: 244784
Ion Ratio Lower Upper
119 100
91 66.5 33.9 101.7
134 22.7 13.2 39.6

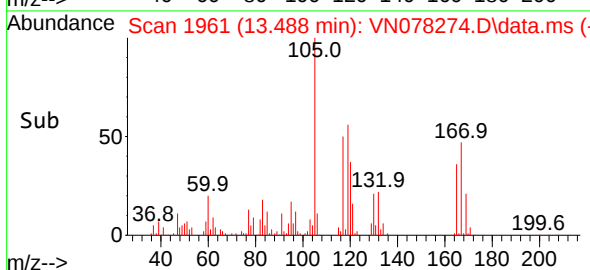
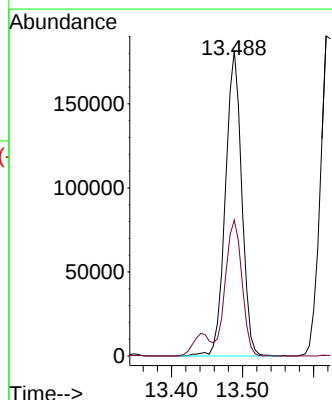
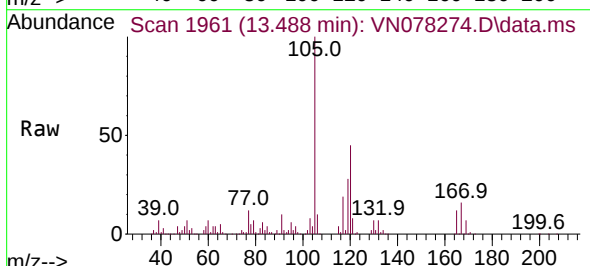
Manual Integrations
APPROVED

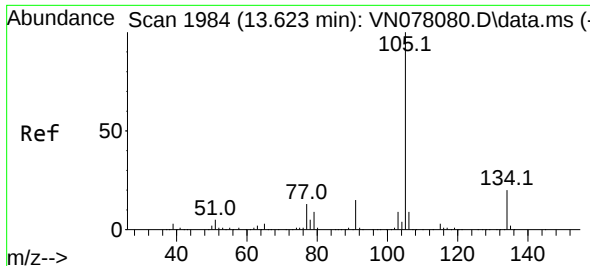
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.310 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Tgt Ion:105 Resp: 288051
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





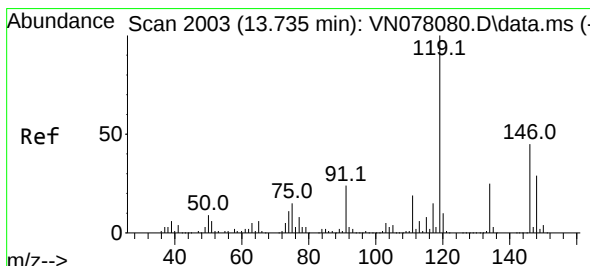
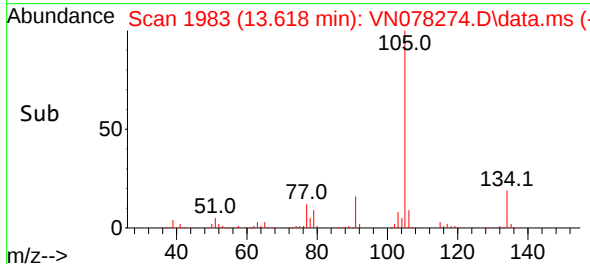
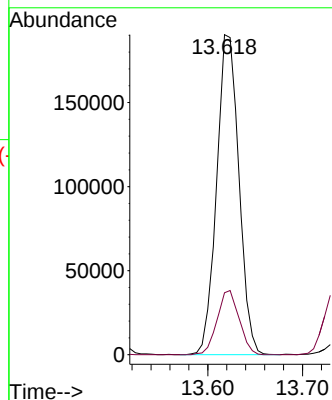
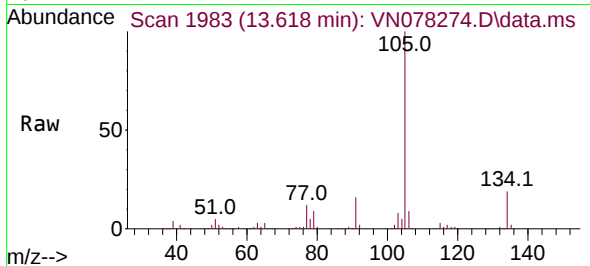
#85
 sec-Butylbenzene
 Concen: 17.793 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078274.D
 Acq: 19 Jun 2023 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619MBS01

Tgt Ion:105 Resp: 31146
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

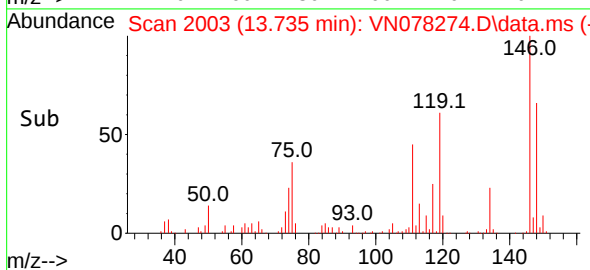
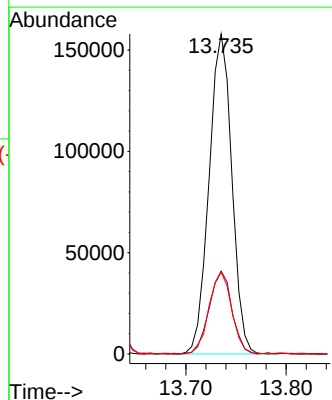
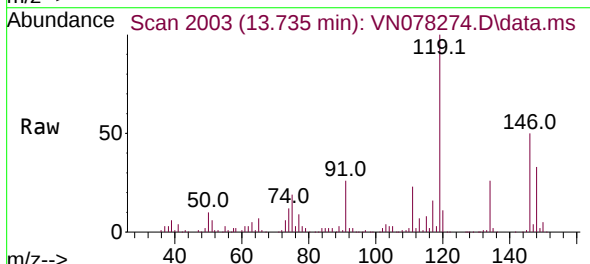
Manual Integrations
 APPROVED

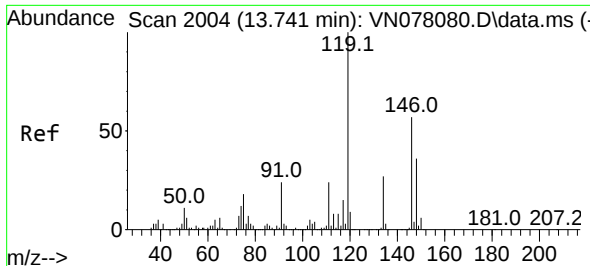
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#86
 p-Isopropyltoluene
 Concen: 17.521 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078274.D
 Acq: 19 Jun 2023 12:59

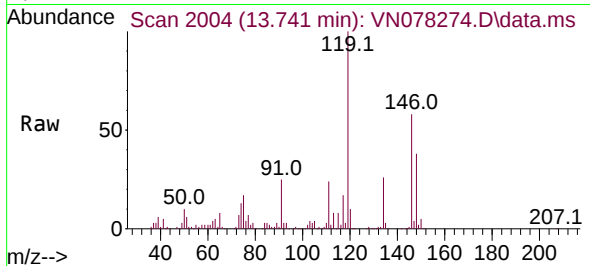
Tgt Ion:119 Resp: 248890
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.870 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

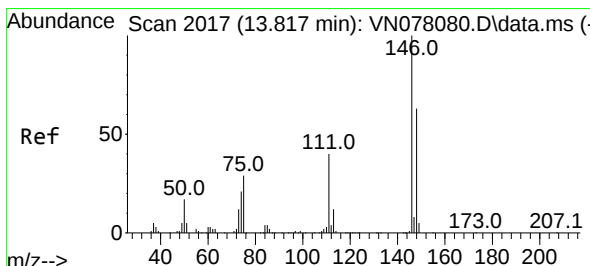
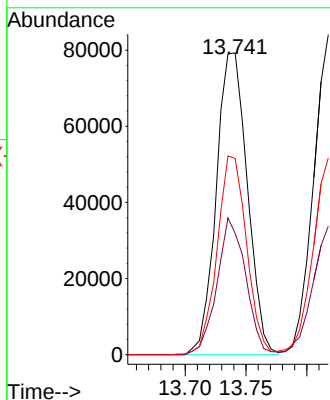
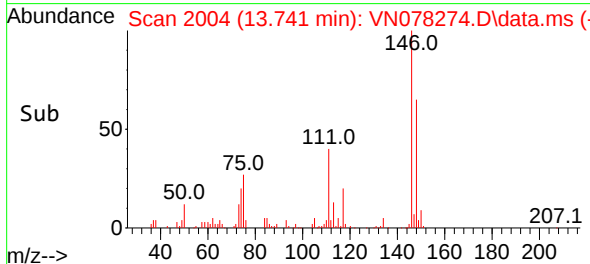
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



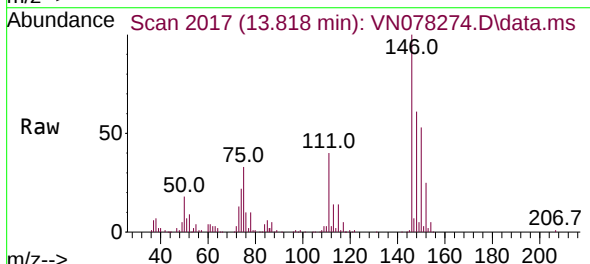
Tgt Ion:146 Resp: 140810
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.3
148 62.6 32.0 96.0

Manual Integrations
APPROVED

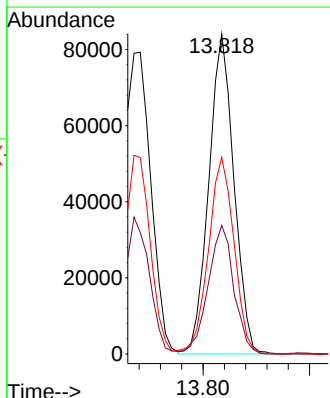
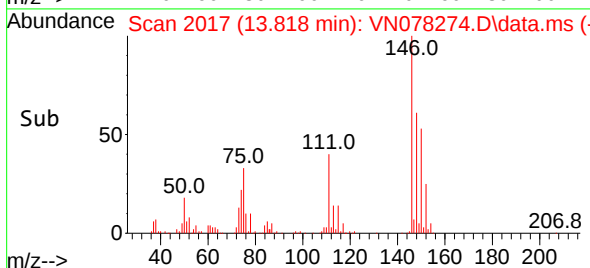
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

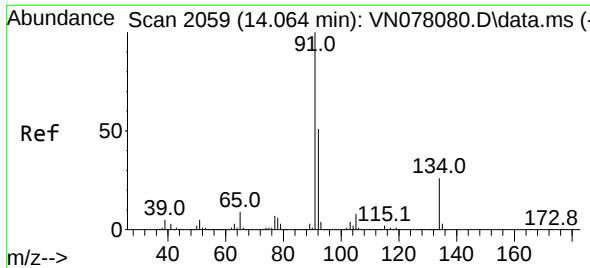


#88
1,4-Dichlorobenzene
Concen: 19.098 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59



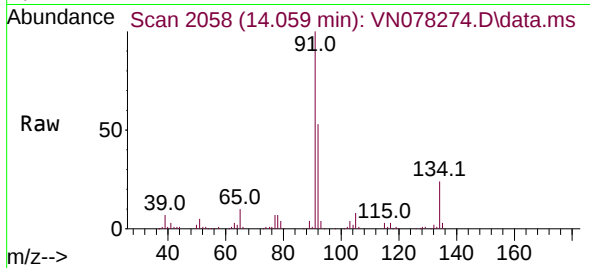
Tgt Ion:146 Resp: 137516
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 62.5 31.6 94.8





#89
n-Butylbenzene
Concen: 16.470 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

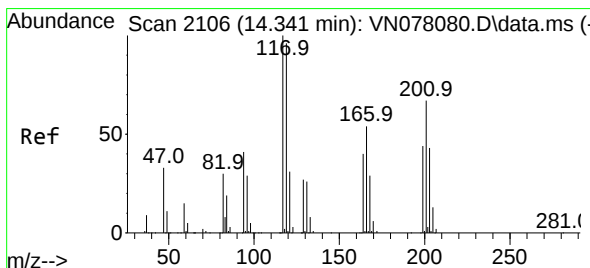
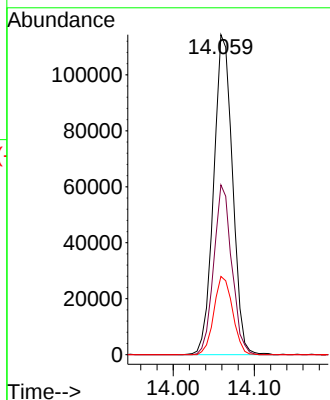
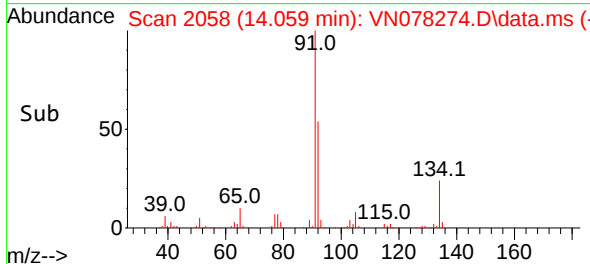
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBS01



Tgt Ion: 91 Resp: 184544
Ion Ratio Lower Upper
91 100
92 50.7 26.4 79.0
134 24.2 12.6 37.6

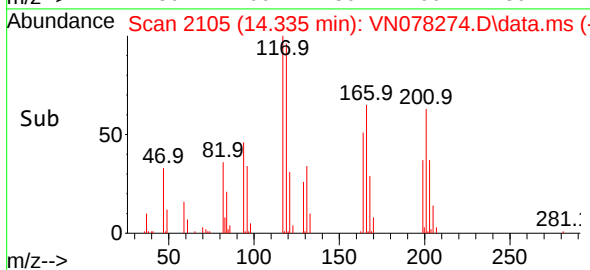
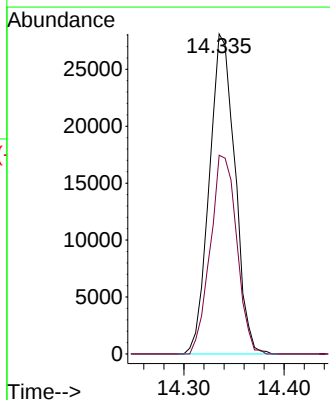
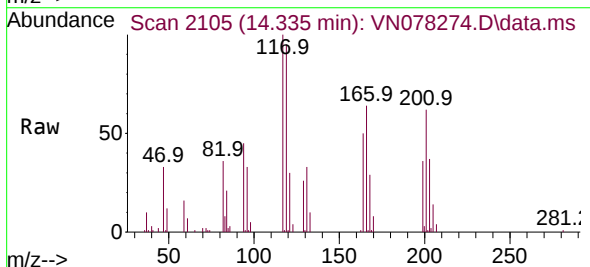
Manual Integrations
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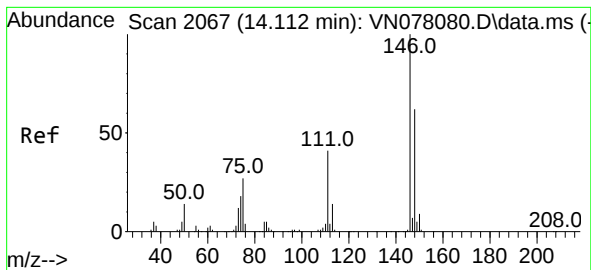
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#90
Hexachloroethane
Concen: 19.780 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078274.D
Acq: 19 Jun 2023 12:59

Tgt Ion:117 Resp: 49864
Ion Ratio Lower Upper
117 100
201 64.1 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.077 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0619MBS01

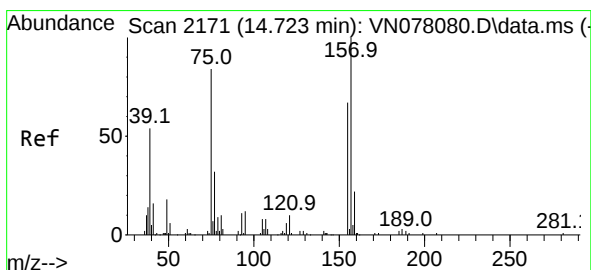
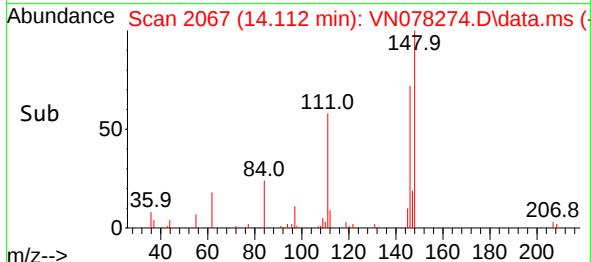
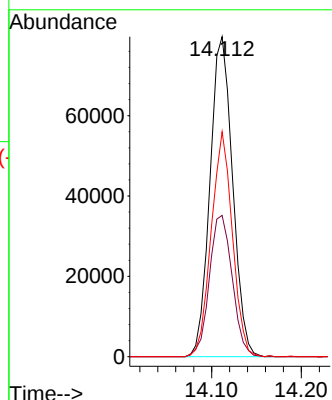
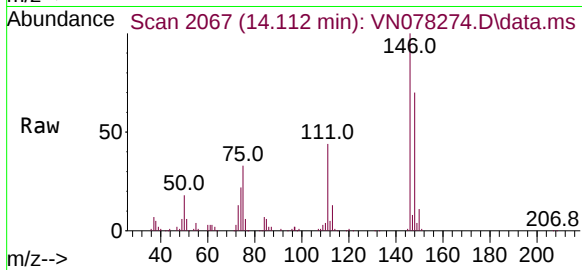
Tgt Ion:	146	Resp:	13912
Ion Ratio	Lower	Upper	
146	100		
111	44.7	22.0	66.0
148	65.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.293 ug/l

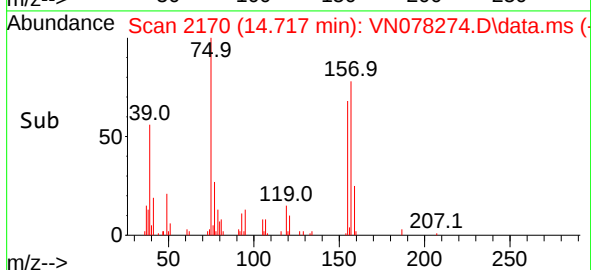
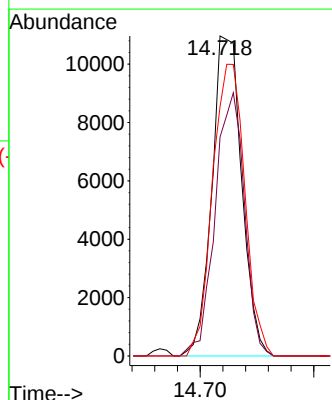
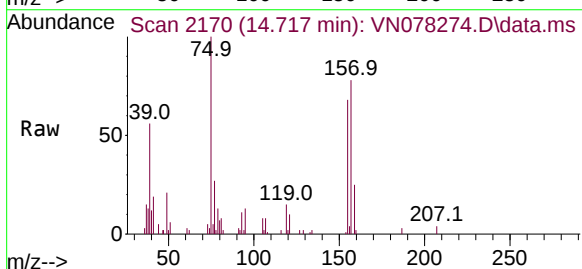
RT: 14.717 min Scan# 2170

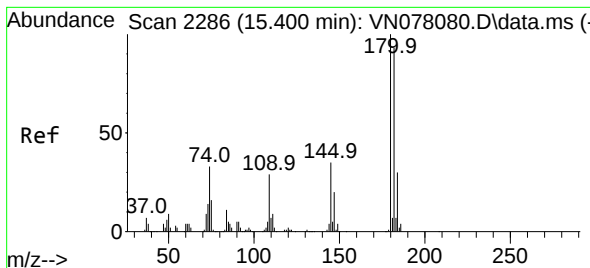
Delta R.T. -0.006 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Tgt Ion:	75	Resp:	20043
Ion Ratio	Lower	Upper	
75	100		
155	80.9	39.1	117.2
157	98.2	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.664 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0619MBS01

Tgt Ion:180 Resp: 4070

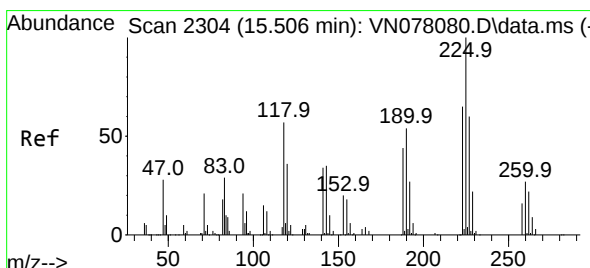
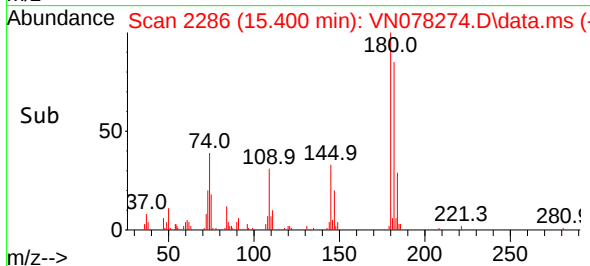
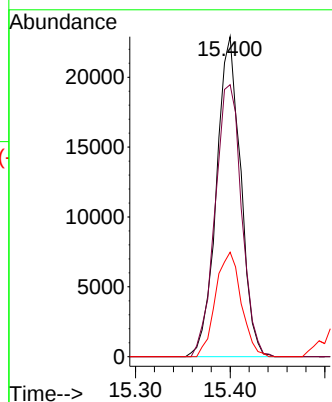
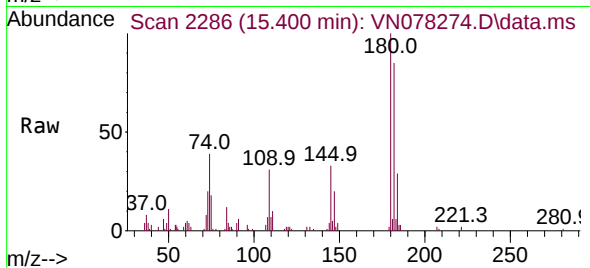
Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.1	138.2
145	34.5	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#94

Hexachlorobutadiene

Concen: 17.278 ug/l

RT: 15.506 min Scan# 2304

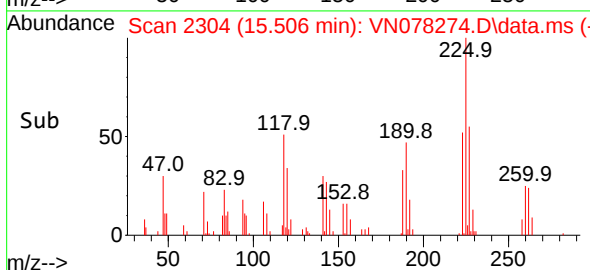
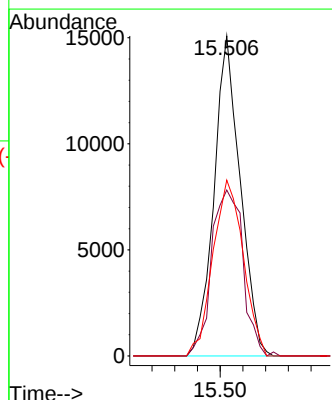
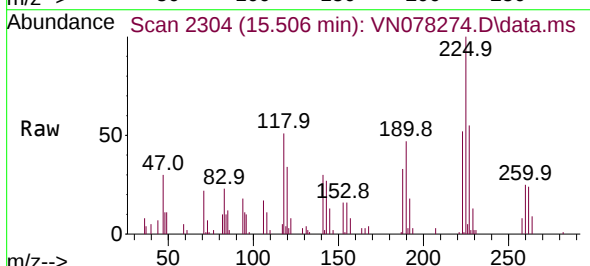
Delta R.T. -0.000 min

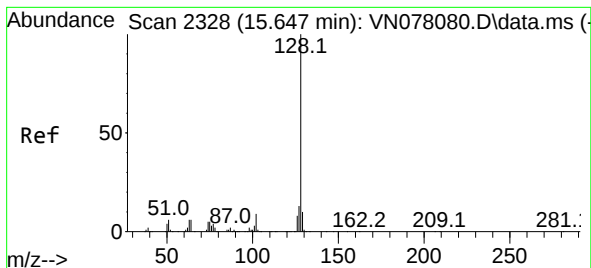
Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Tgt Ion:225 Resp: 24240

Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.3	93.8
227	63.5	31.9	95.9





#95

Naphthalene

Concen: 14.331 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0619MBS01

Tgt Ion:128 Resp: 125258

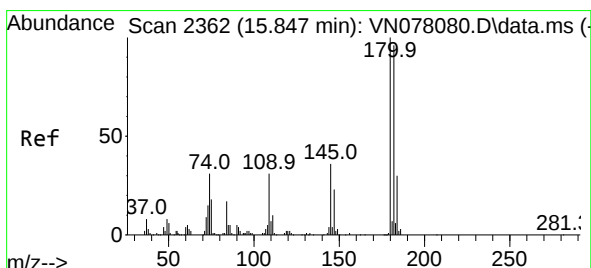
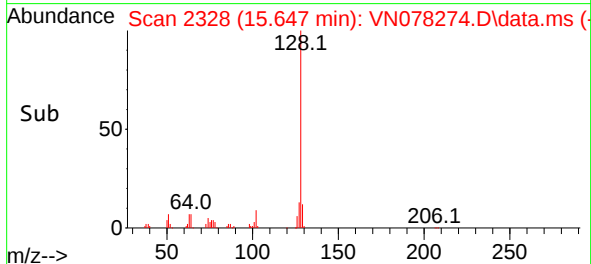
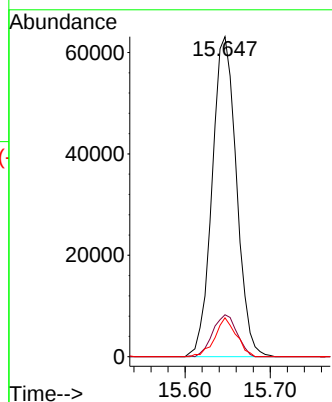
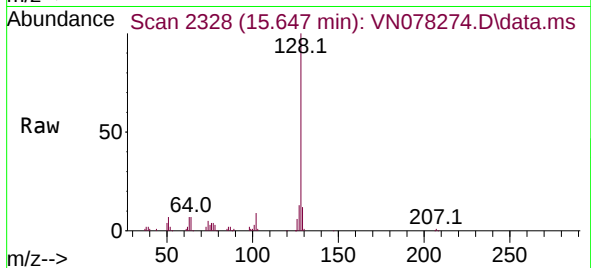
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.182 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Tgt Ion:180 Resp: 47027

Ion	Ratio	Lower	Upper
180	100		
182	98.9	46.2	138.6
145	35.4	17.5	52.6

