

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078252.D
 Acq On : 16 Jun 2023 12:02
 Operator : JC\MD
 Sample : VN0616WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jun 17 02:20:39 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	8.229	168	387592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	703443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	615644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	229279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	270669	52.376	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.760%			
35) Dibromofluoromethane	8.177	113	221668	49.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.680%			
50) Toluene-d8	10.570	98	838393	48.895	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.800%			
62) 4-Bromofluorobenzene	12.853	95	258444	48.484	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	69972	15.971	ug/l	94
3) Chloromethane	2.371	50	77322	17.576	ug/l	96
4) Vinyl Chloride	2.524	62	100618	17.538	ug/l	99
5) Bromomethane	2.971	94	75576	17.431	ug/l	90
6) Chloroethane	3.136	64	73263	18.733	ug/l	100
7) Trichlorofluoromethane	3.506	101	137198	17.635	ug/l	96
8) Diethyl Ether	3.971	74	46930	17.168	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	78324	19.076	ug/l	100
10) Methyl Iodide	4.600	142	104016	17.914	ug/l	96
11) Tert butyl alcohol	5.530	59	59901	83.946	ug/l	99
12) 1,1-Dichloroethene	4.353	96	73717	17.417	ug/l	90
13) Acrolein	4.194	56	59335	75.448	ug/l	97
14) Allyl chloride	5.036	41	105416	20.403	ug/l	96
15) Acrylonitrile	5.736	53	175858	95.592	ug/l	100
16) Acetone	4.436	43	136306	91.636	ug/l	90
17) Carbon Disulfide	4.724	76	173002	15.880	ug/l	98
18) Methyl Acetate	5.041	43	125857	18.378	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	251882	18.652	ug/l	99
20) Methylene Chloride	5.289	84	88955	18.097	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	78744	17.249	ug/l #	80
22) Diisopropyl ether	6.677	45	244010	20.078	ug/l #	93
23) Vinyl Acetate	6.612	43	675890	93.557	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	158537	19.775	ug/l	96
25) 2-Butanone	7.494	43	216257	94.542	ug/l	87
26) 2,2-Dichloropropane	7.500	77	127635	21.561	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	97221	17.854	ug/l	92
28) Bromochloromethane	7.824	49	82243	22.343	ug/l	88
29) Tetrahydrofuran	7.847	42	137162	89.698	ug/l	88
30) Chloroform	7.971	83	167044	19.349	ug/l	92
31) Cyclohexane	8.265	56	121797	18.373	ug/l #	80
32) 1,1,1-Trichloroethane	8.177	97	147976	19.524	ug/l	98
36) 1,1-Dichloropropene	8.377	75	118512	18.576	ug/l	96
37) Ethyl Acetate	7.571	43	89064	17.870	ug/l #	91
38) Carbon Tetrachloride	8.365	117	126227	18.738	ug/l	88
39) Methylcyclohexane	9.612	83	103093	15.593	ug/l	89
40) Benzene	8.612	78	357453	18.767	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	51618	19.108	ug/l	89
42) 1,2-Dichloroethane	8.677	62	124376	19.046	ug/l	98
43) Isopropyl Acetate	8.694	43	158804	16.661	ug/l	95
44) Trichloroethene	9.359	130	88336	17.562	ug/l	99
45) 1,2-Dichloropropane	9.629	63	91436	19.295	ug/l	92
46) Dibromomethane	9.712	93	64689	18.533	ug/l	96
47) Bromodichloromethane	9.894	83	133836	20.642	ug/l #	95
48) Methyl methacrylate	9.688	41	74326	18.582	ug/l	90
49) 1,4-Dioxane	9.700	88	28537	339.443	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	484724	96.574	ug/l	91
52) Toluene	10.635	92	224967	18.708	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	132734	19.658	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	144258	19.327	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	89862	19.754	ug/l	94
56) Ethyl methacrylate	10.882	69	119089	17.979	ug/l #	90
57) 1,3-Dichloropropane	11.170	76	151993	19.794	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	240476	89.870	ug/l	90
59) 2-Hexanone	11.200	43	327094	93.594	ug/l	92
60) Dibromochloromethane	11.365	129	94650	19.014	ug/l	97
61) 1,2-Dibromoethane	11.476	107	86516	18.123	ug/l	98
64) Tetrachloroethene	11.112	164	78828	19.193	ug/l	95
65) Chlorobenzene	11.900	112	237148	17.987	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	90393	18.641	ug/l	98
67) Ethyl Benzene	11.970	91	411614	18.093	ug/l	94
68) m/p-Xylenes	12.076	106	314269	36.249	ug/l	98
69) o-Xylene	12.406	106	153542	18.034	ug/l	99
70) Styrene	12.417	104	242565	18.097	ug/l	98
71) Bromoform	12.582	173	59296	18.948	ug/l #	97
73) Isopropylbenzene	12.700	105	387916	17.892	ug/l	99
74) N-amyl acetate	12.500	43	123364	17.278	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	125327	19.525	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	99387m	18.336	ug/l	
77) Bromobenzene	12.988	156	88397	17.563	ug/l	98
78) n-propylbenzene	13.041	91	425215	18.051	ug/l	99
79) 2-Chlorotoluene	13.129	91	268132	17.634	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	311881	17.767	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	30364	17.211	ug/l #	86
82) 4-Chlorotoluene	13.229	91	255756	18.022	ug/l	100
83) tert-Butylbenzene	13.441	119	252633	16.557	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	305463	17.949	ug/l	99
85) sec-Butylbenzene	13.623	105	330308	16.539	ug/l	98
86) p-Isopropyltoluene	13.735	119	266538	16.446	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	145326	17.070	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	142676	17.368	ug/l	97
89) n-Butylbenzene	14.059	91	202044	15.805	ug/l	96
90) Hexachloroethane	14.341	117	49545	17.226	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	150084	18.038	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19115	17.799	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	40770	13.753	ug/l	98
94) Hexachlorobutadiene	15.511	225	25242	15.524	ug/l	98
95) Naphthalene	15.647	128	131296	13.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	48611	14.661	ug/l	98

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ClientSampleId :
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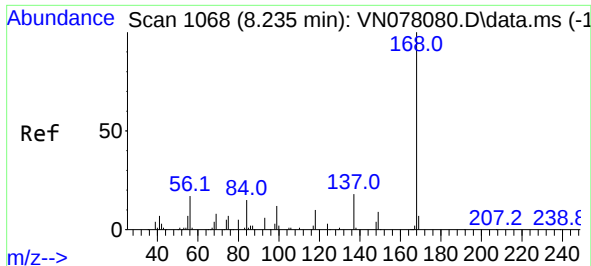
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Quant Title : SW846 8260
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Response via : Initial Calibration

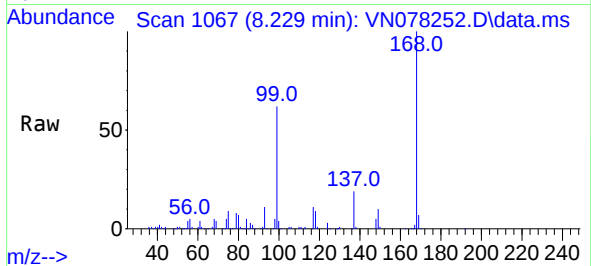
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN078252.D
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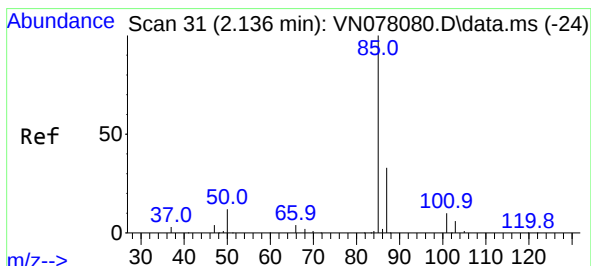
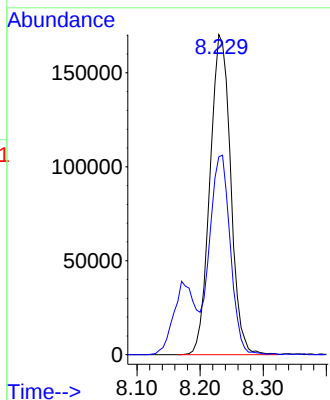
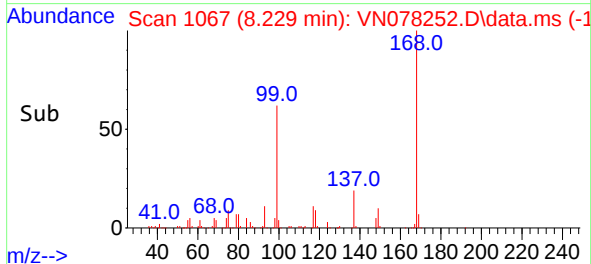
Instrument :
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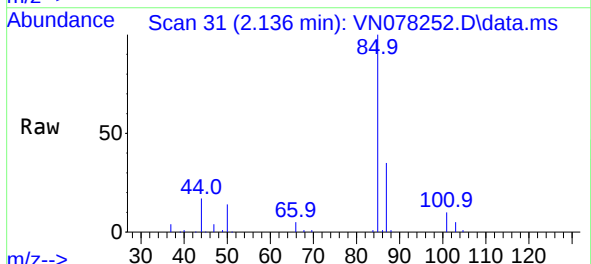
Tgt Ion:168 Resp: 387592
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6

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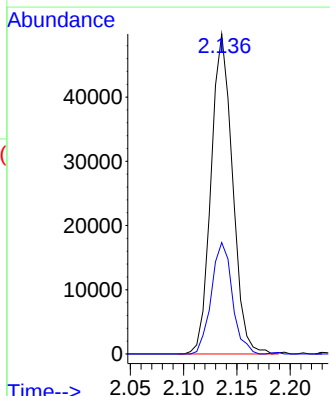
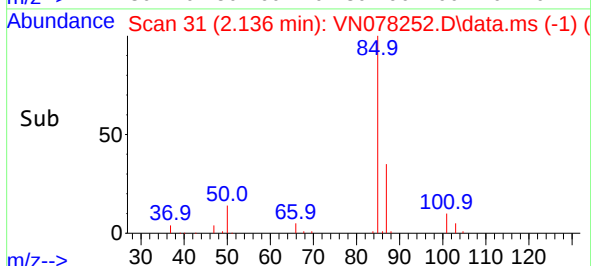
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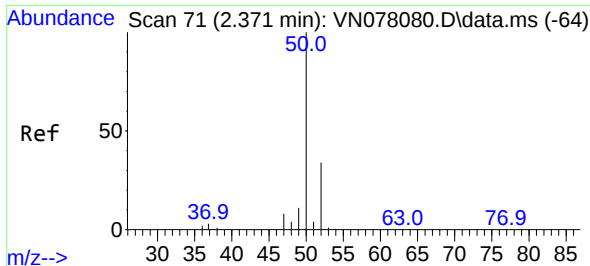


#2
Dichlorodifluoromethane
Concen: 15.971 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



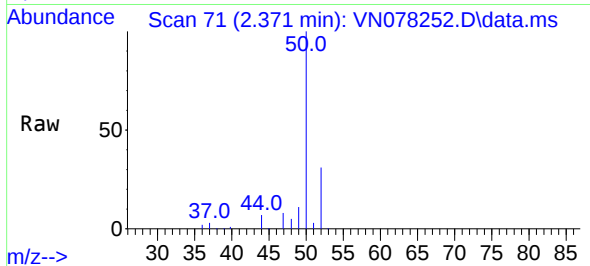
Tgt Ion: 85 Resp: 69972
Ion Ratio Lower Upper
85 100
87 34.8 15.8 47.4





#3
Chloromethane
Concen: 17.576 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

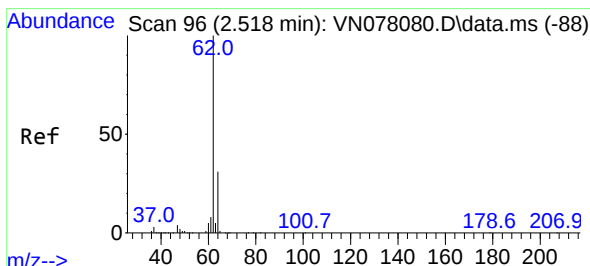
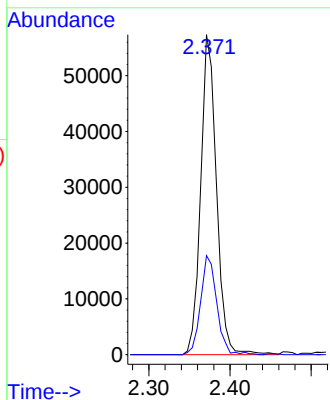
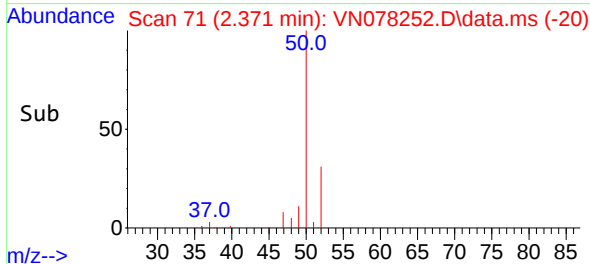
Instrument :
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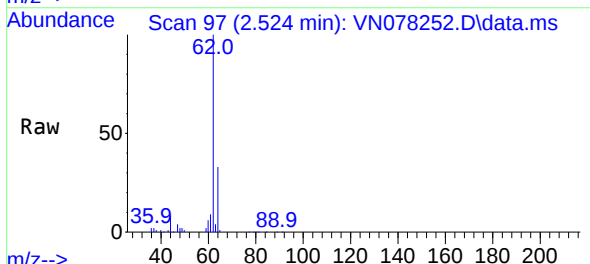
Tgt Ion: 50 Resp: 7732
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7

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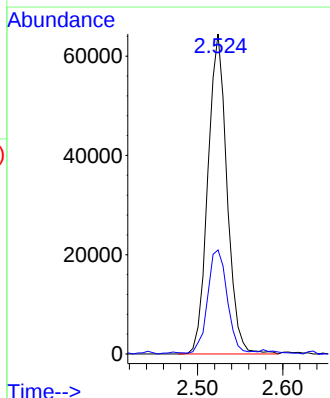
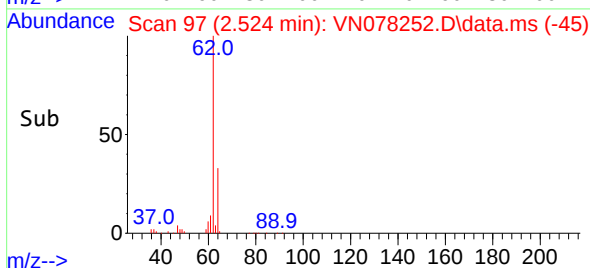
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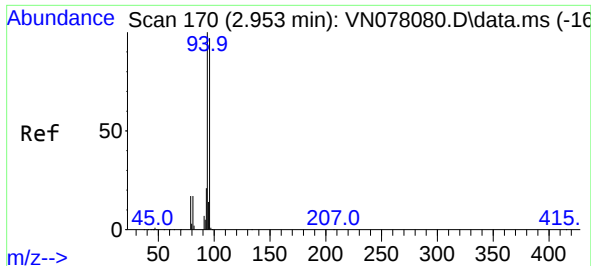


#4
Vinyl Chloride
Concen: 17.538 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



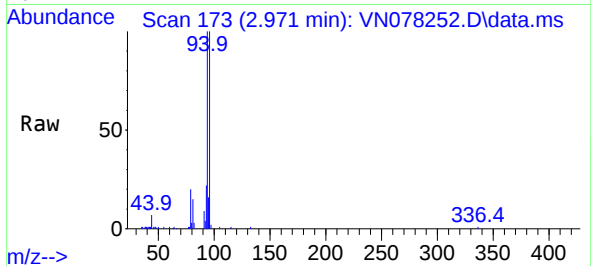
Tgt Ion: 62 Resp: 100618
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2





#5
Bromomethane
Concen: 17.431 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

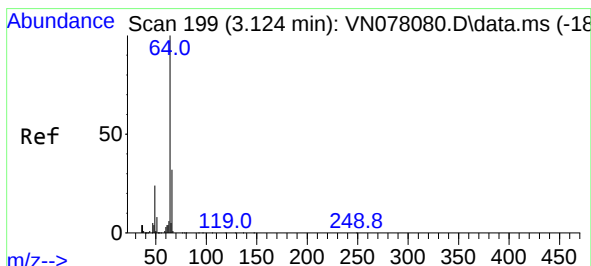
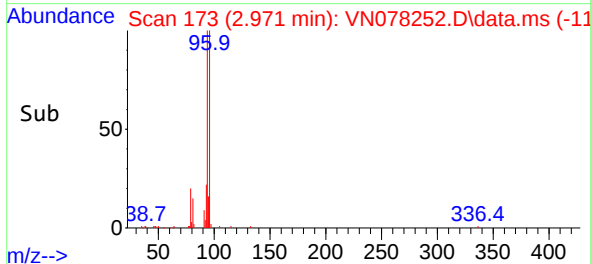
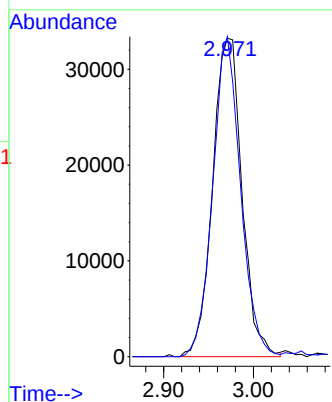
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Tgt Ion: 94 Resp: 75570
Ion Ratio Lower Upper
94 100
96 100.4 73.1 109.7

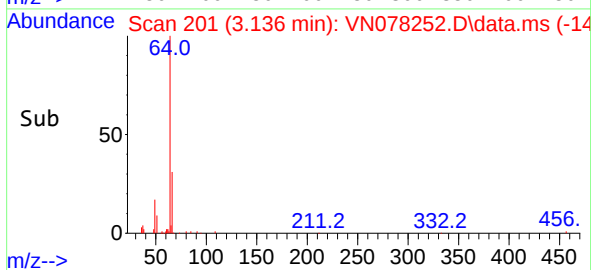
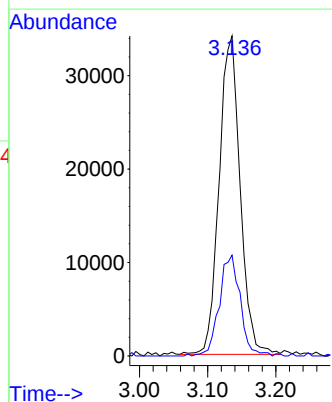
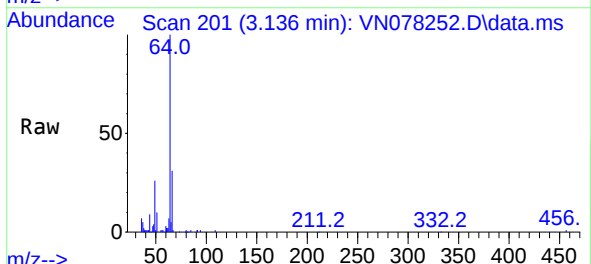
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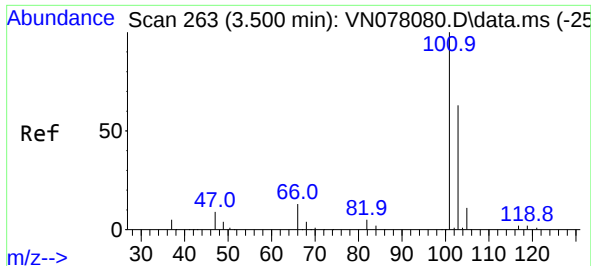
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#6
Chloroethane
Concen: 18.733 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN078252.D
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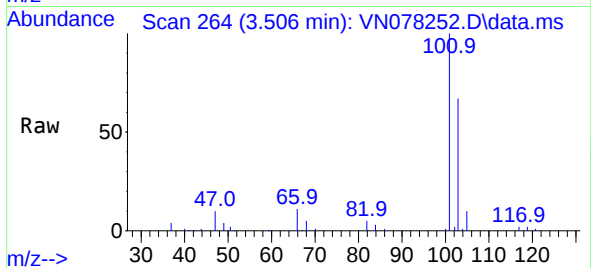
Tgt Ion: 64 Resp: 73263
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 17.635 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

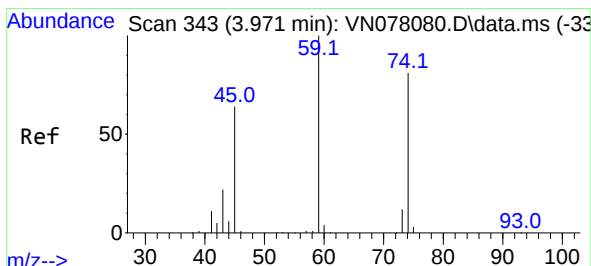
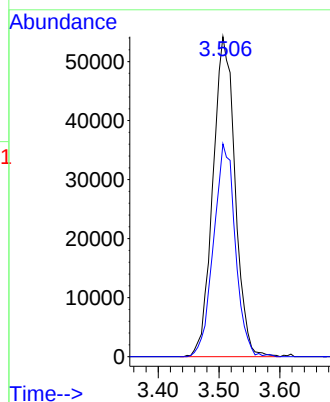
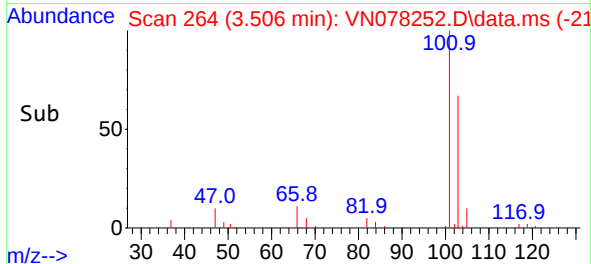
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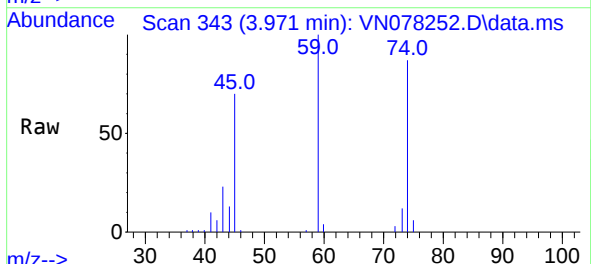
Tgt Ion:101 Resp: 137198
Ion Ratio Lower Upper
101 100
103 66.5 50.7 76.1

Manual Integrations
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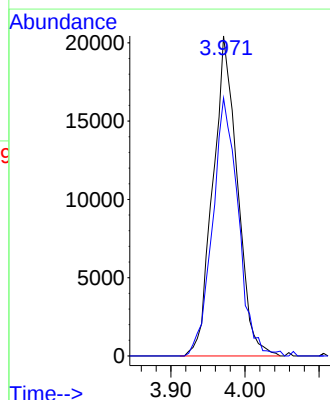
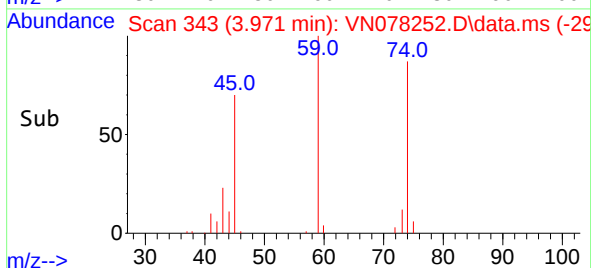
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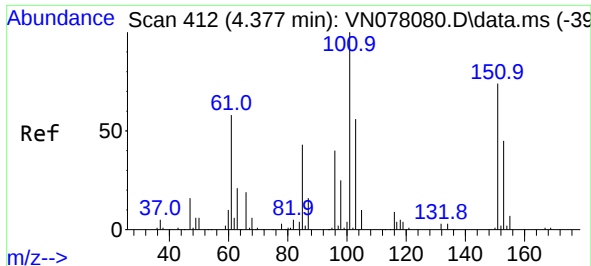


#8
Diethyl Ether
Concen: 17.168 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



Tgt Ion: 74 Resp: 46930
Ion Ratio Lower Upper
74 100
45 84.4 34.4 103.3





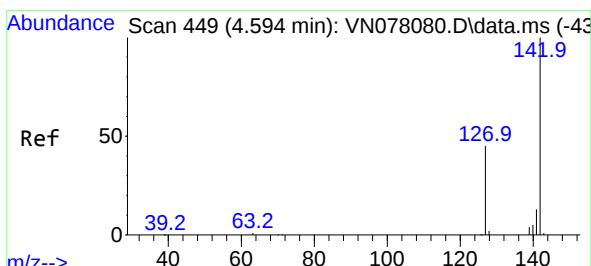
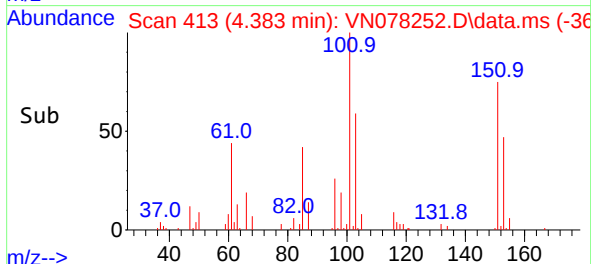
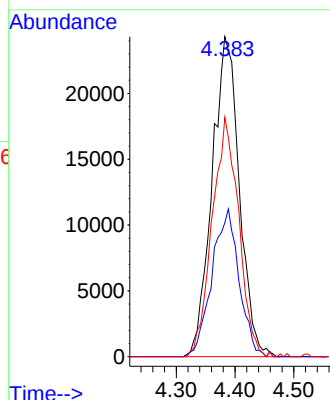
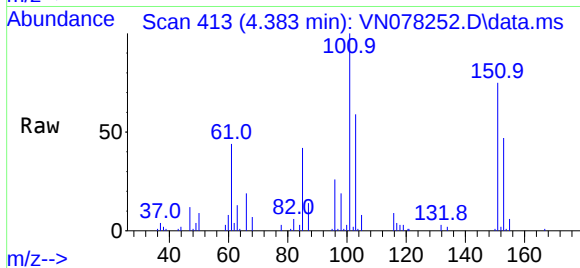
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.076 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion:101 Resp: 78324
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 72.6 57.6 86.4

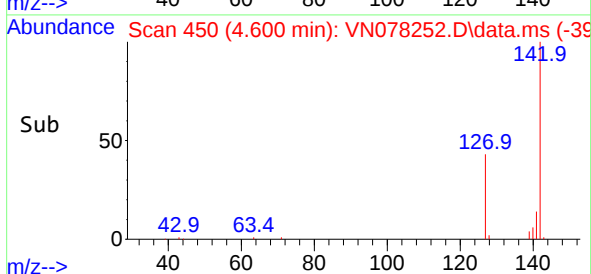
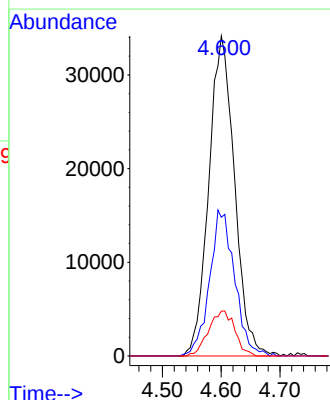
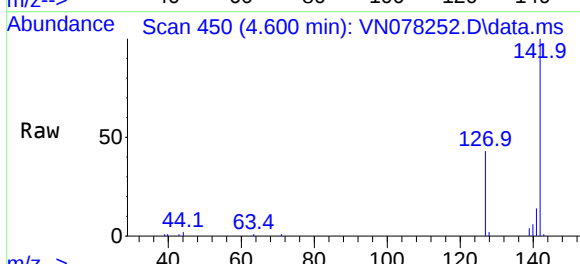
Manual Integrations
APPROVED

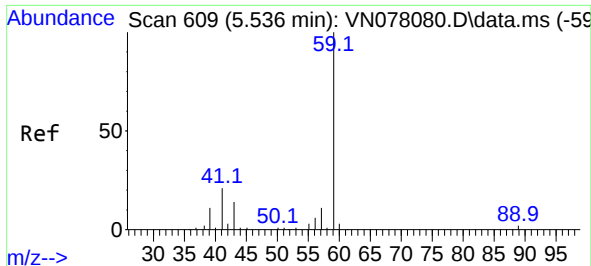
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#10
Methyl Iodide
Concen: 17.914 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Tgt Ion:142 Resp: 104016
Ion Ratio Lower Upper
142 100
127 43.4 37.6 56.4
141 14.0 11.4 17.0





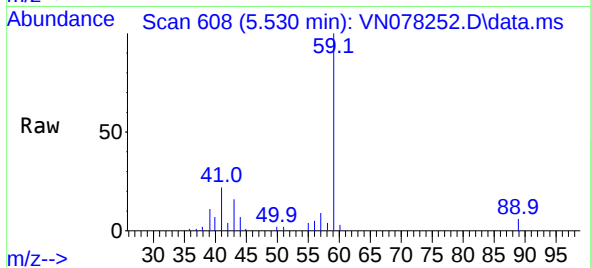
#11
Tert butyl alcohol
Concen: 83.946 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01



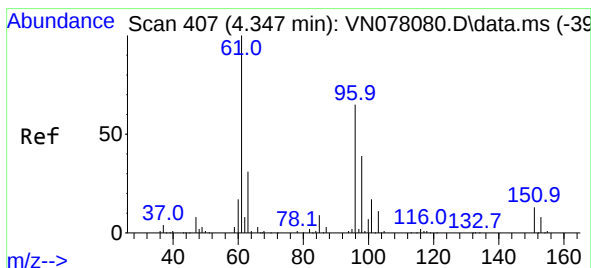
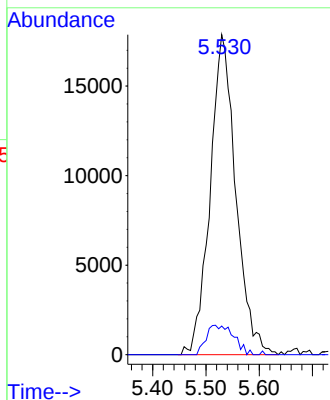
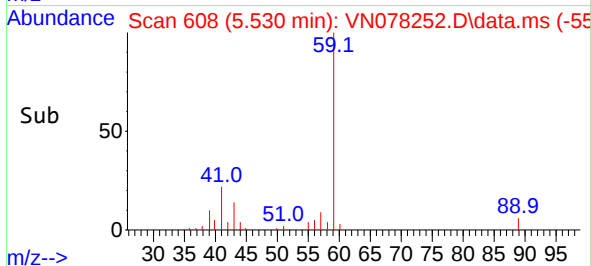
Tgt Ion: 59 Resp: 5990
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

Manual Integrations

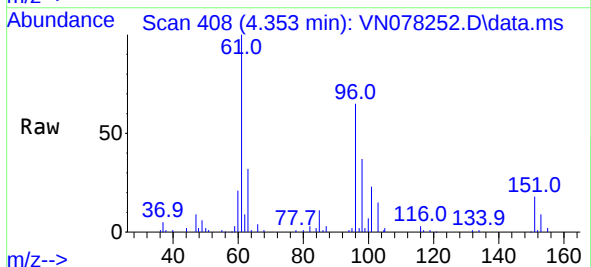
APPROVED

Reviewed By :John Carlone 06/19/2023

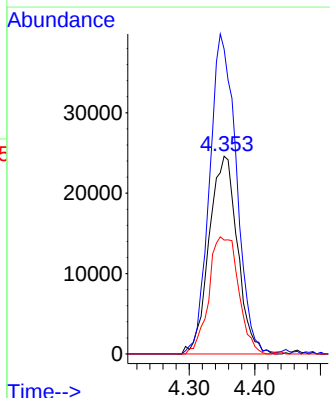
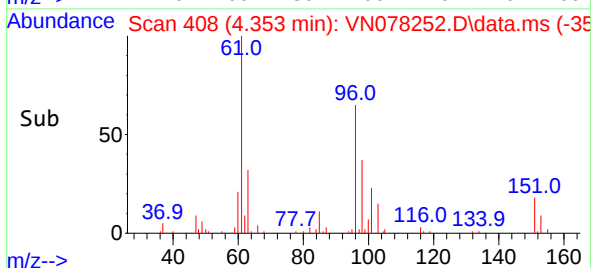
Supervised By :Mahesh Dadoda 06/19/2023

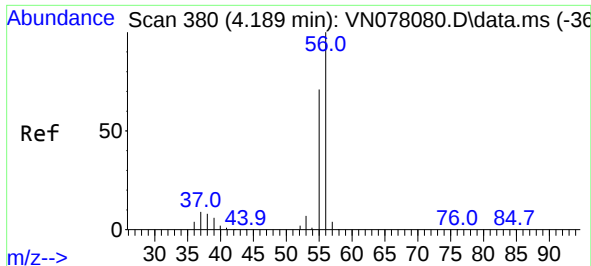


#12
1,1-Dichloroethene
Concen: 17.417 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



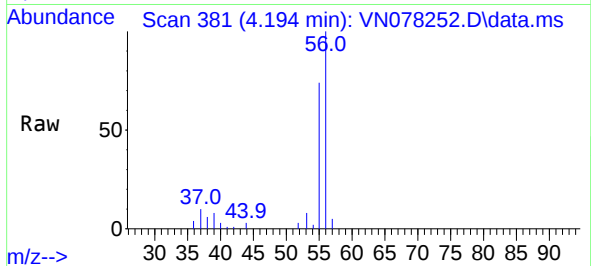
Tgt Ion: 96 Resp: 73717
Ion Ratio Lower Upper
96 100
61 154.1 112.7 169.1
98 57.6 51.2 76.8





#13
Acrolein
Concen: 75.448 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

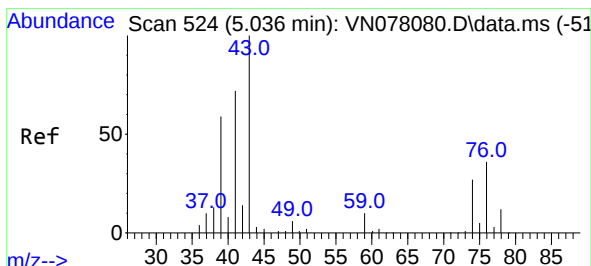
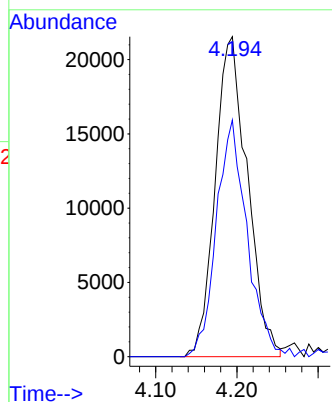
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 56 Resp: 5933
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7

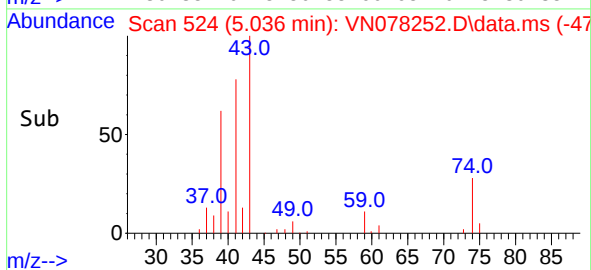
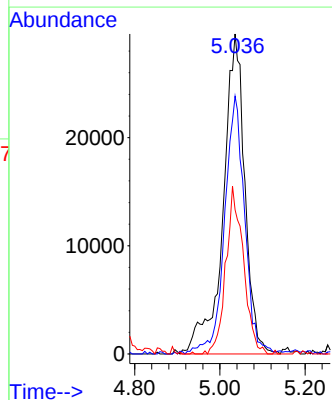
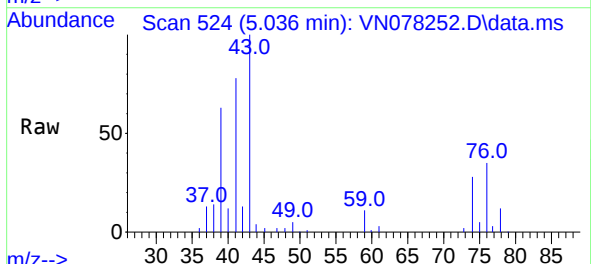
Manual Integrations
APPROVED

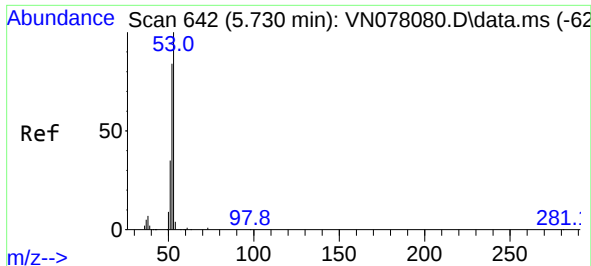
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#14
Allyl chloride
Concen: 20.403 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

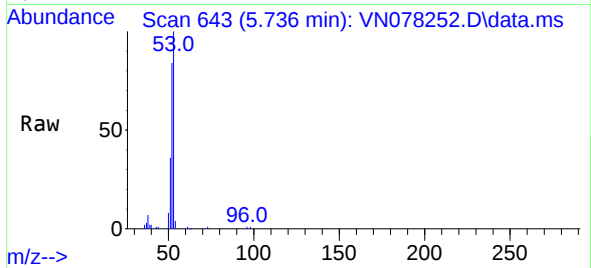
Tgt Ion: 41 Resp: 105416
Ion Ratio Lower Upper
41 100
39 74.0 58.8 88.2
76 42.0 39.1 58.7





#15
Acrylonitrile
Concen: 95.592 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

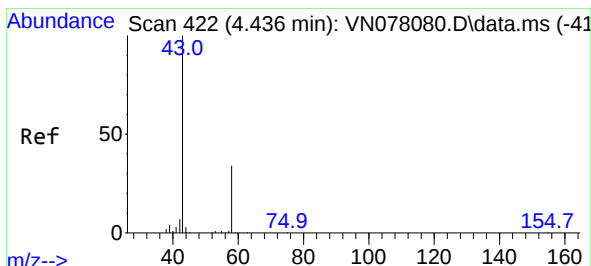
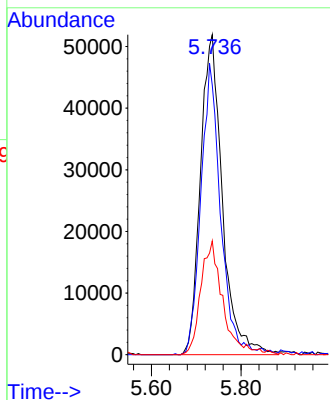
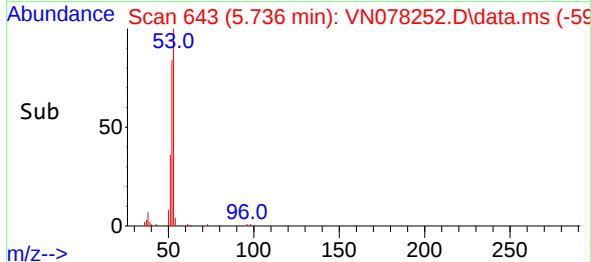
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



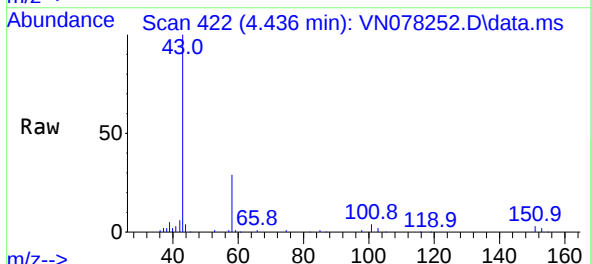
Tgt Ion: 53 Resp: 175858
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 35.5 28.9 43.3

Manual Integrations
APPROVED

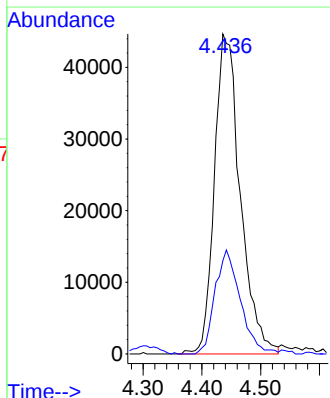
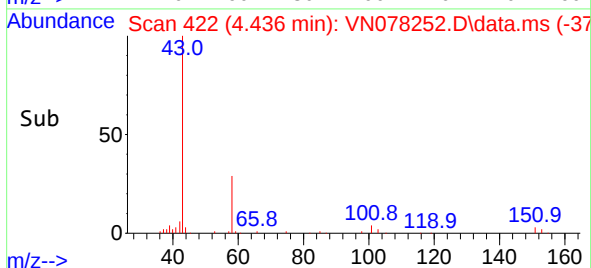
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

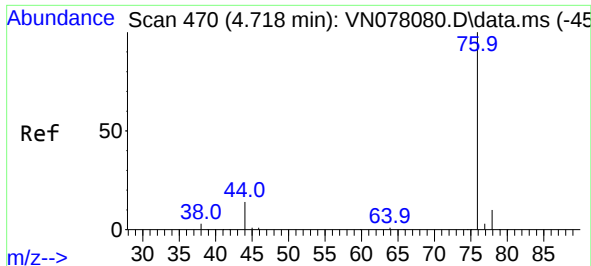


#16
Acetone
Concen: 91.636 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



Tgt Ion: 43 Resp: 136306
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0





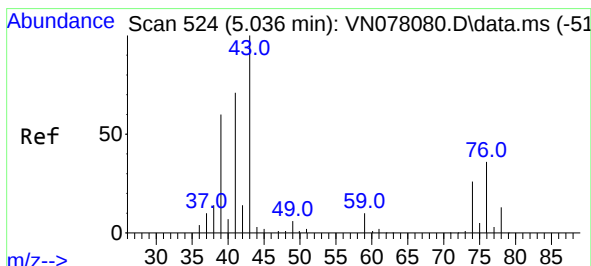
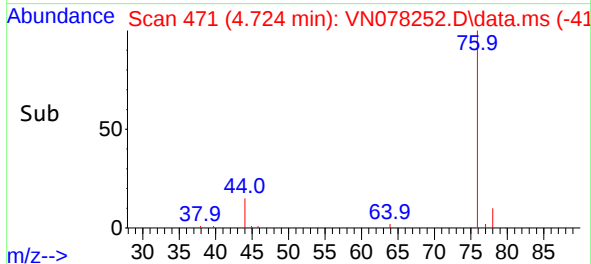
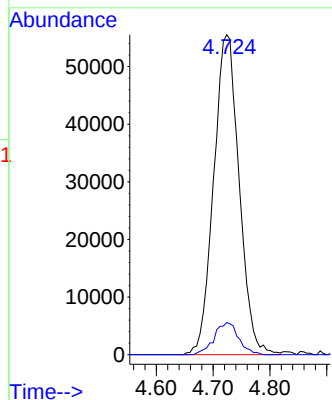
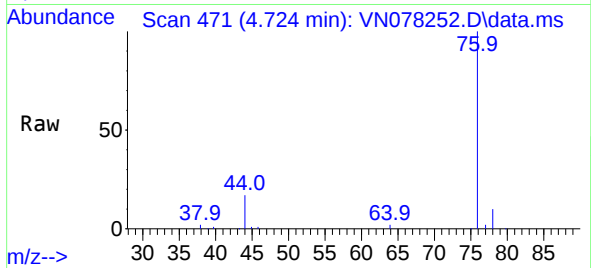
#17
Carbon Disulfide
Concen: 15.880 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 76 Resp: 17300
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

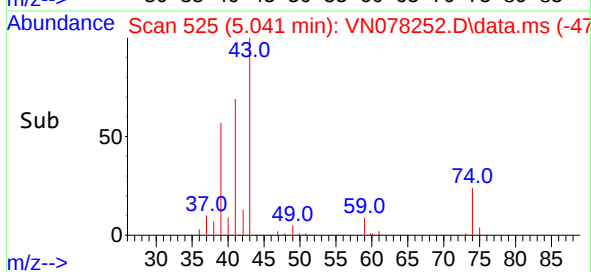
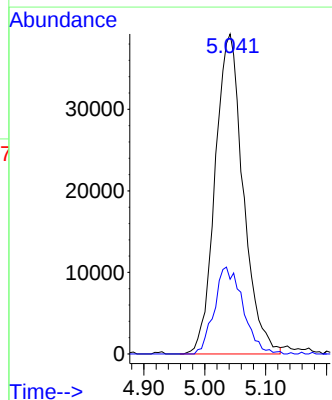
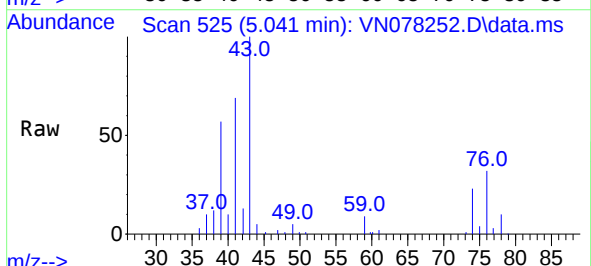
Manual Integrations
APPROVED

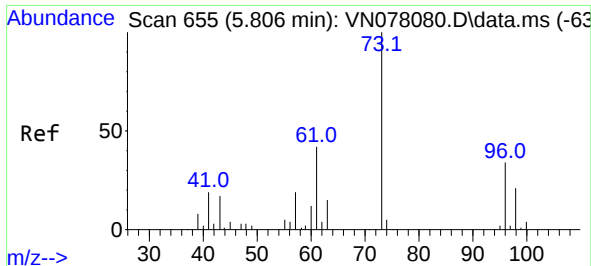
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#18
Methyl Acetate
Concen: 18.378 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Tgt Ion: 43 Resp: 125857
Ion Ratio Lower Upper
43 100
74 27.7 26.2 39.4





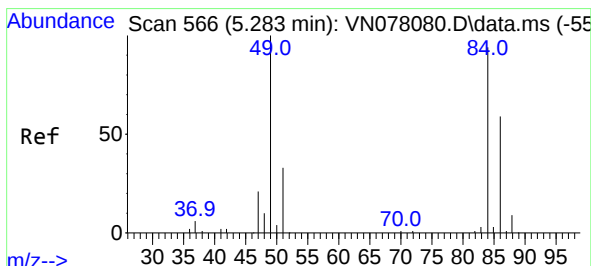
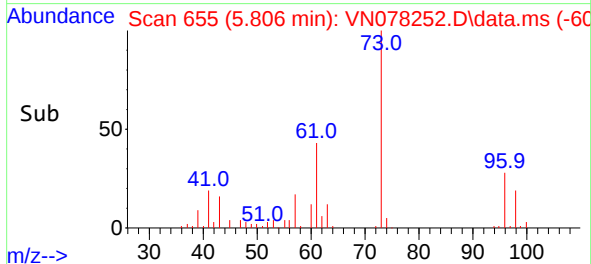
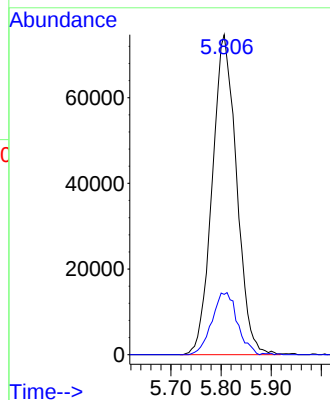
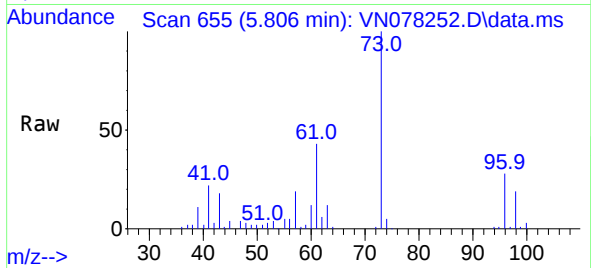
#19
Methyl tert-butyl Ether
Concen: 18.652 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 73 Resp: 25188
Ion Ratio Lower Upper
73 100
57 18.8 15.6 23.4

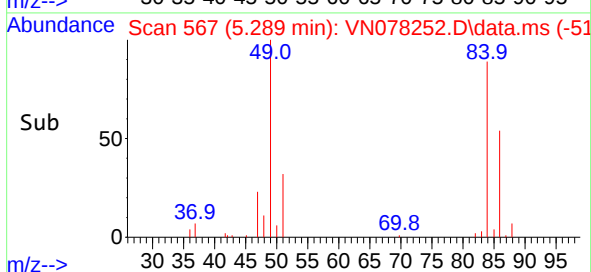
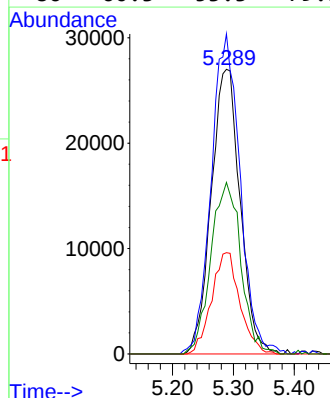
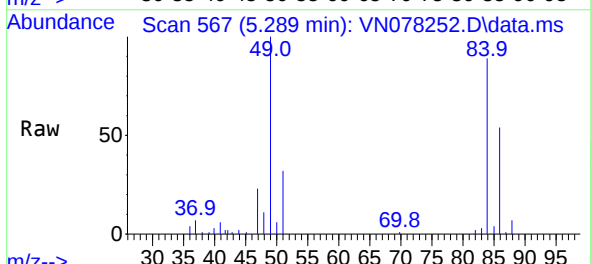
Manual Integrations
APPROVED

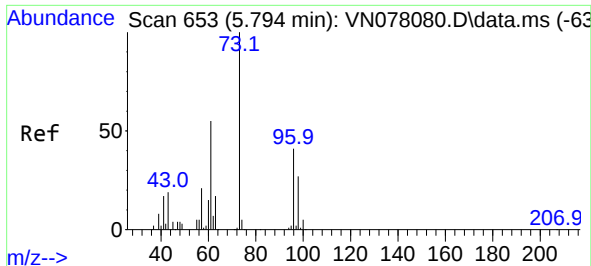
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#20
Methylene Chloride
Concen: 18.097 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

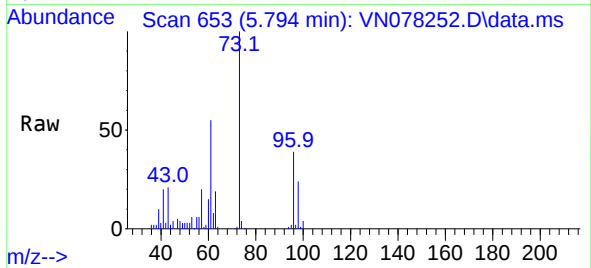
Tgt Ion: 84 Resp: 88955
Ion Ratio Lower Upper
84 100
49 112.4 79.7 119.5
51 35.6 25.2 37.8
86 60.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.249 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

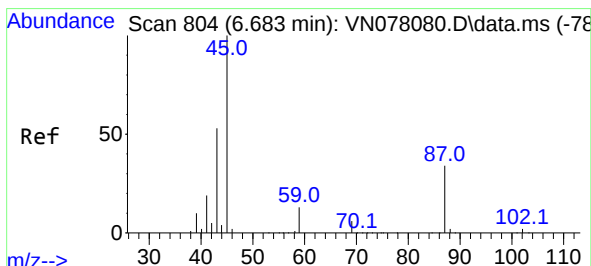
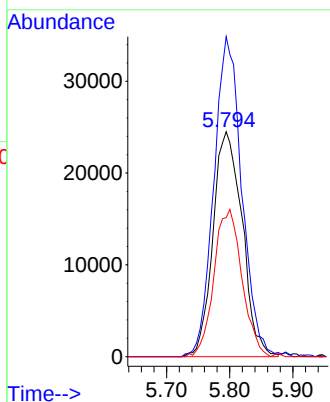
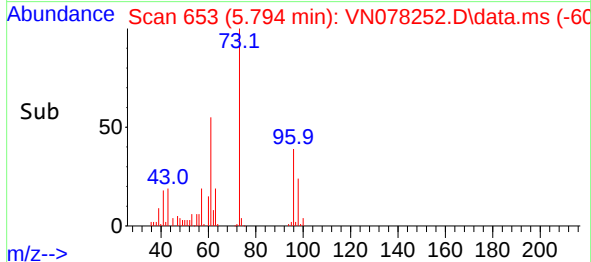
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



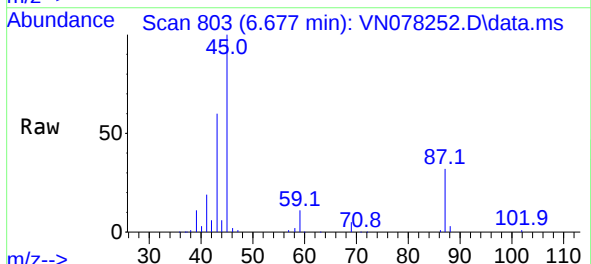
Tgt Ion: 96 Resp: 78744
Ion Ratio Lower Upper
96 100
61 142.2 90.1 135.1#
98 61.8 46.4 69.6

Manual Integrations
APPROVED

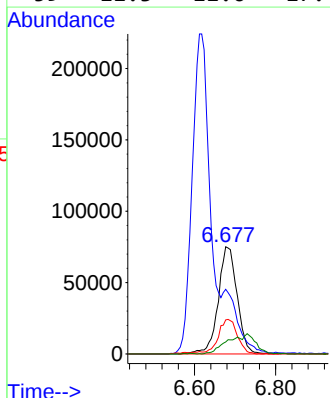
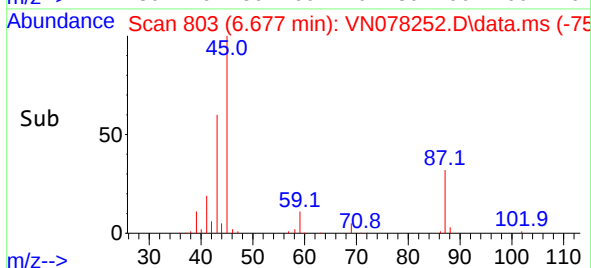
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

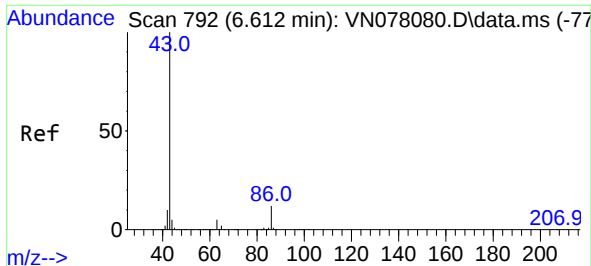


#22
Diisopropyl ether
Concen: 20.078 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



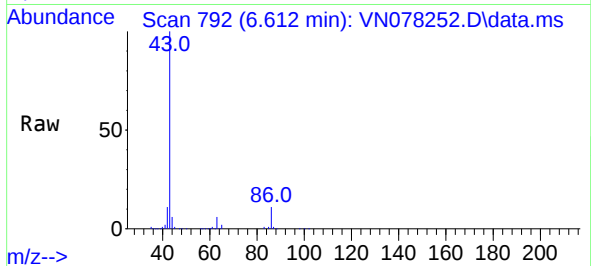
Tgt Ion: 45 Resp: 244010
Ion Ratio Lower Upper
45 100
43 59.2 45.5 68.3
87 31.8 31.8 47.8#
59 11.3 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 93.557 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078252.D
 Acq: 16 Jun 2023 12:02

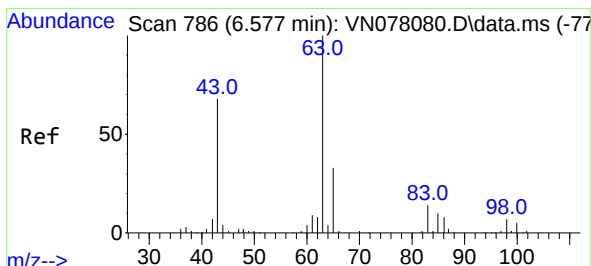
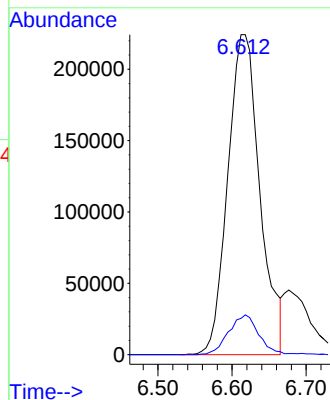
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01



Tgt Ion: 43 Resp: 675890
 Ion Ratio Lower Upper
 43 100
 86 11.3 13.0 19.6

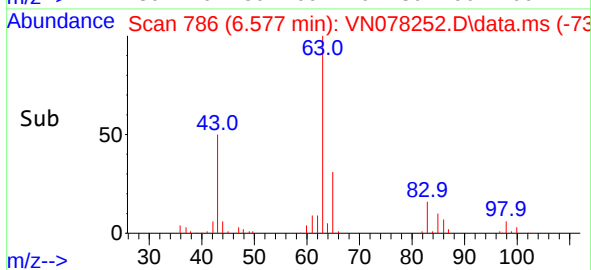
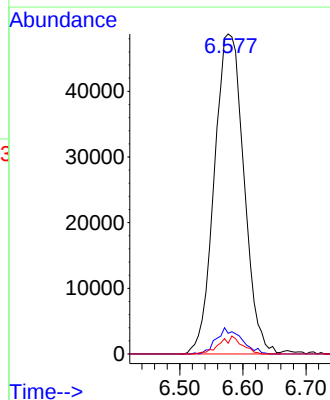
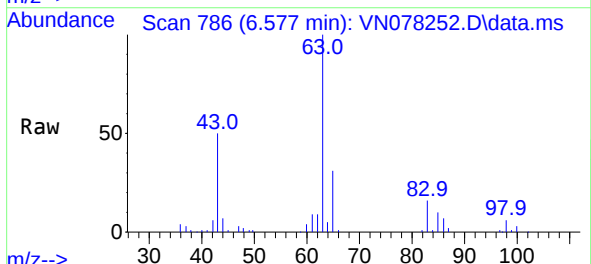
Manual Integrations
 APPROVED

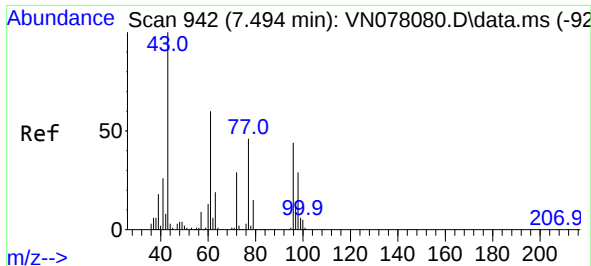
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#24
 1,1-Dichloroethane
 Concen: 19.775 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078252.D
 Acq: 16 Jun 2023 12:02

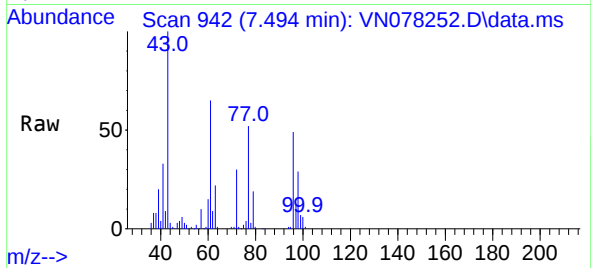
Tgt Ion: 63 Resp: 158537
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 3.3 2.5 7.4





#25
2-Butanone
Concen: 94.542 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

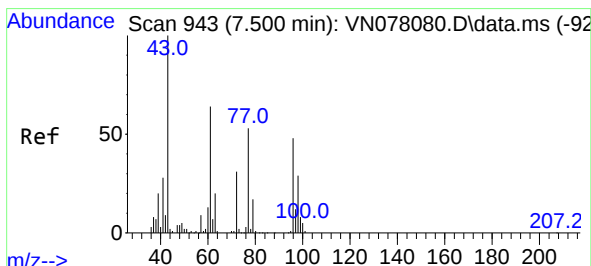
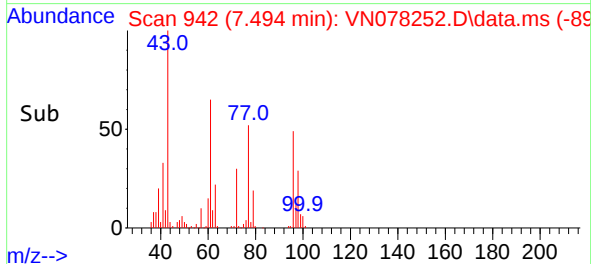
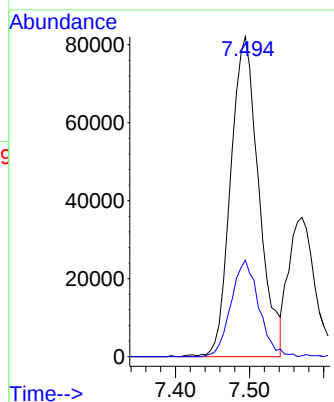
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 43 Resp: 21625
Ion Ratio Lower Upper
43 100
72 30.2 30.2 45.2

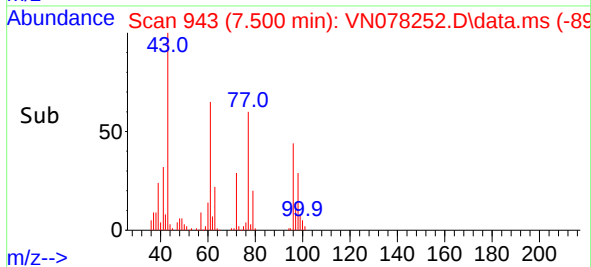
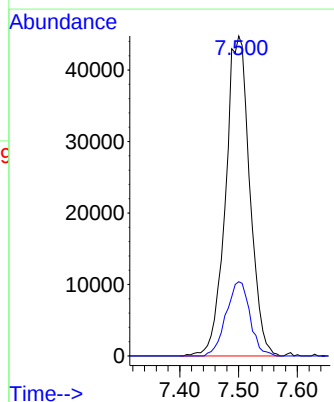
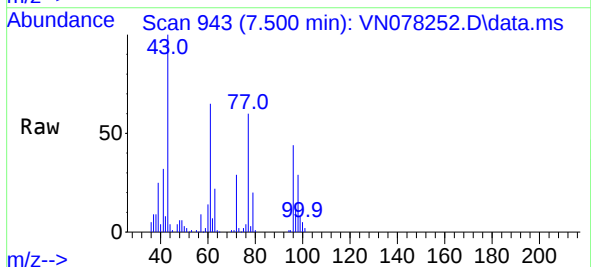
Manual Integrations
APPROVED

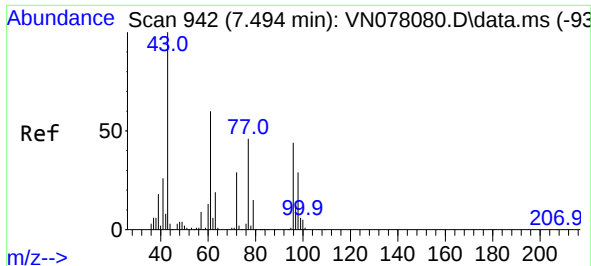
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#26
2,2-Dichloropropane
Concen: 21.561 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

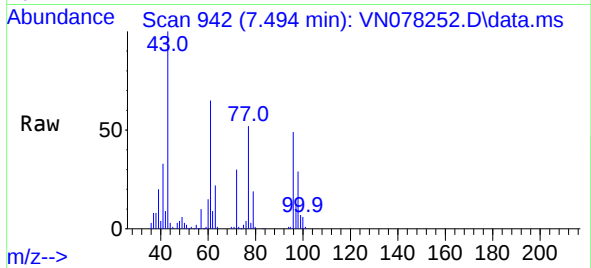
Tgt Ion: 77 Resp: 127635
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 17.854 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

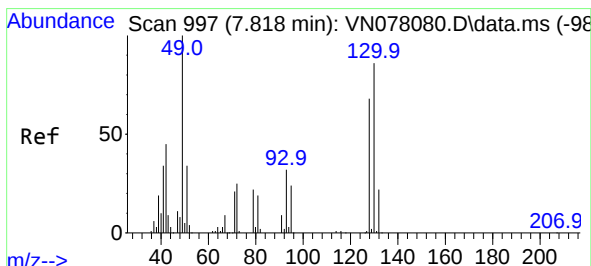
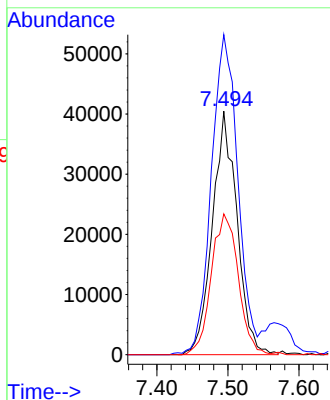
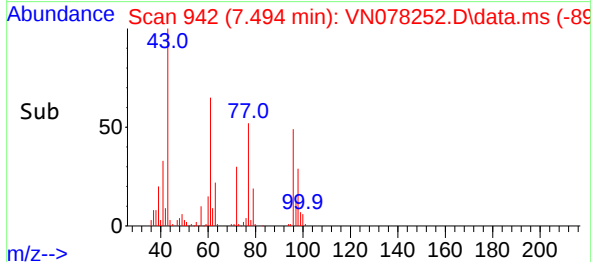
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



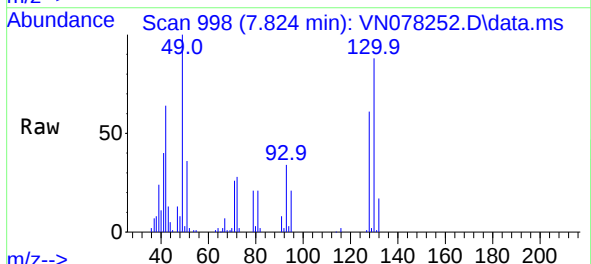
Tgt Ion: 96 Resp: 9722
Ion Ratio Lower Upper
96 100
61 141.3 0.0 255.2
98 63.3 0.0 128.8

Manual Integrations
APPROVED

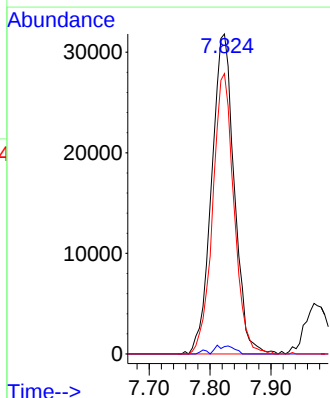
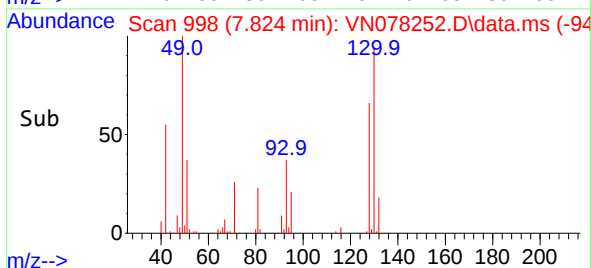
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

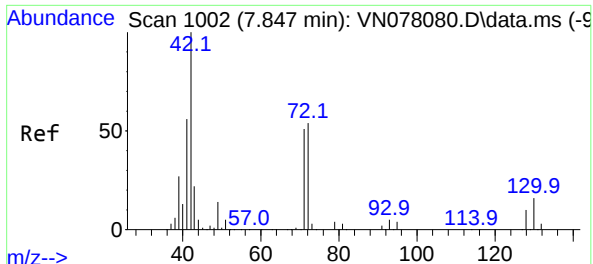


#28
Bromochloromethane
Concen: 22.343 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



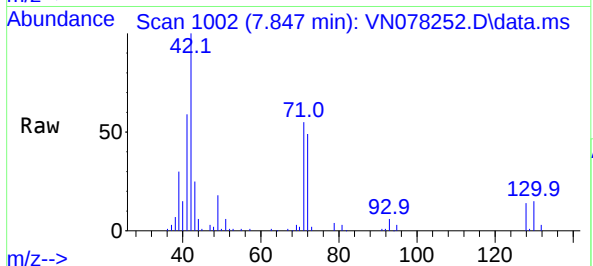
Tgt Ion: 49 Resp: 82243
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 82.4 75.3 112.9





#29
Tetrahydrofuran
Concen: 89.698 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

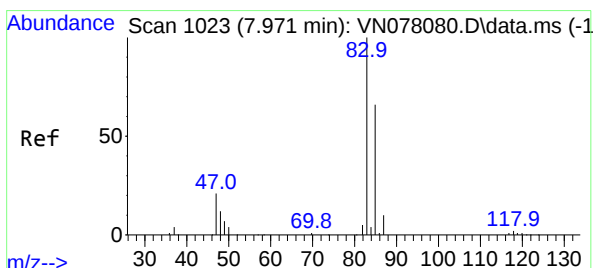
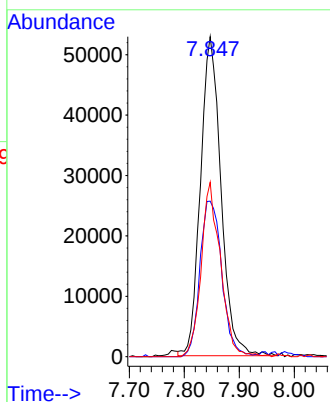
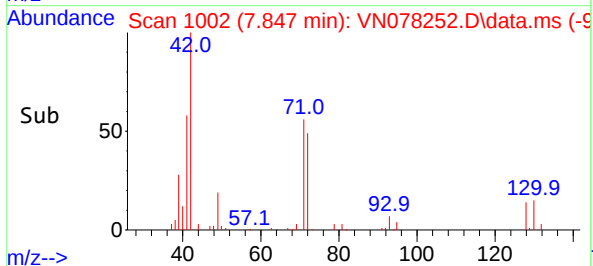
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



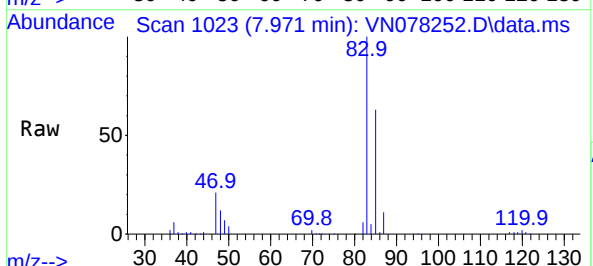
Tgt Ion: 42 Resp: 137162
Ion Ratio Lower Upper
42 100
72 52.0 49.8 74.6
71 51.3 47.4 71.2

Manual Integrations
APPROVED

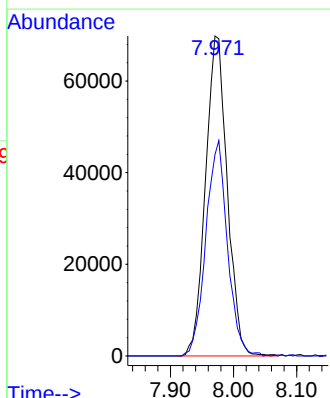
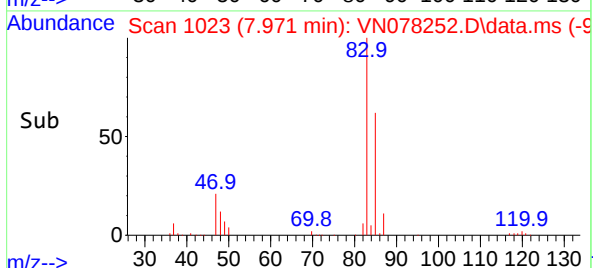
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

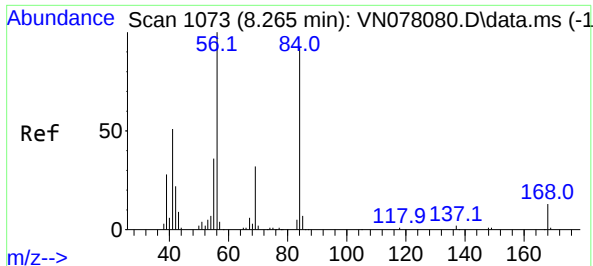


#30
Chloroform
Concen: 19.349 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



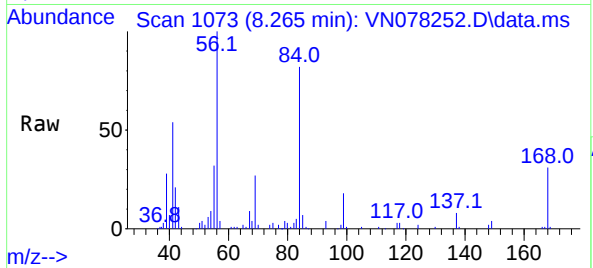
Tgt Ion: 83 Resp: 167044
Ion Ratio Lower Upper
83 100
85 63.0 55.4 83.0





#31
Cyclohexane
Concen: 18.373 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

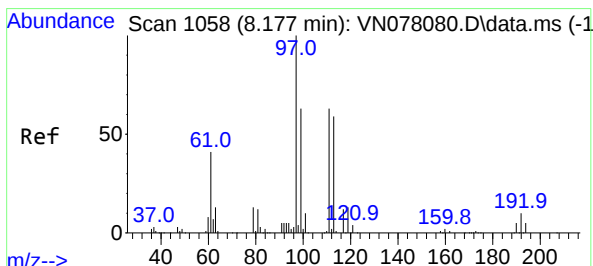
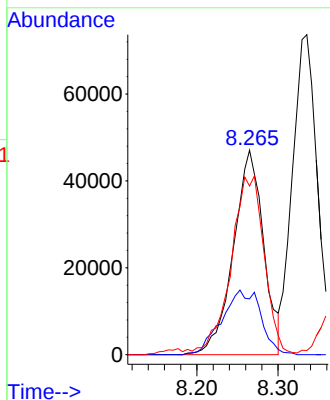
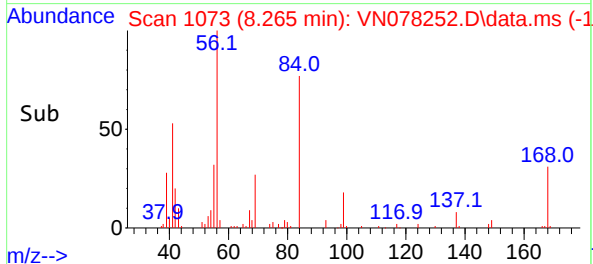
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



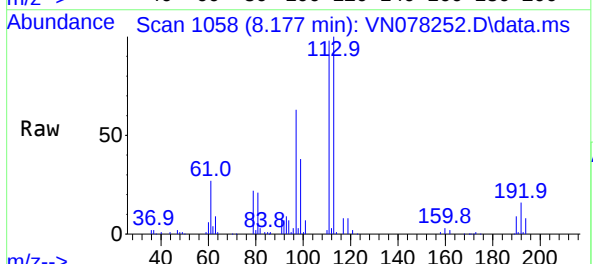
Tgt Ion: 56 Resp: 121797
Ion Ratio Lower Upper
56 100
69 27.3 26.8 40.2
84 79.5 81.8 122.6

Manual Integrations
APPROVED

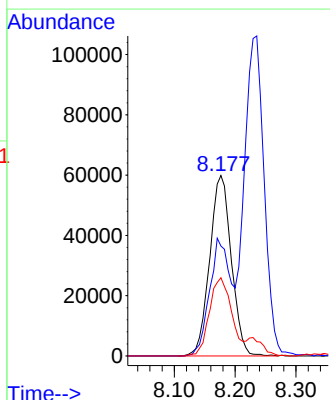
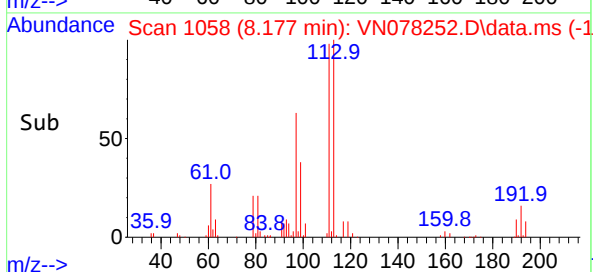
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

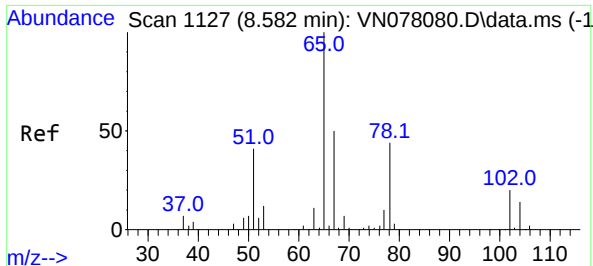


#32
1,1,1-Trichloroethane
Concen: 19.524 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



Tgt Ion: 97 Resp: 147976
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 45.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.376 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078252.D

Acq: 16 Jun 2023 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

Tgt Ion: 65 Resp: 270669

Ion Ratio Lower Upper

65 100

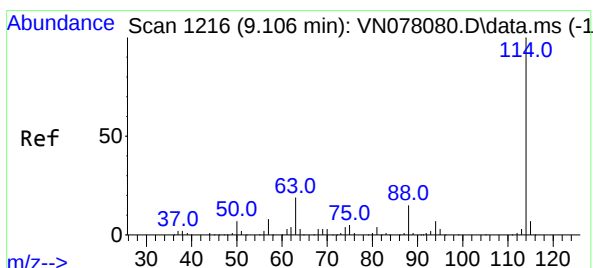
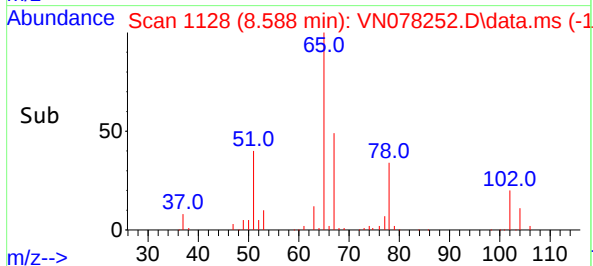
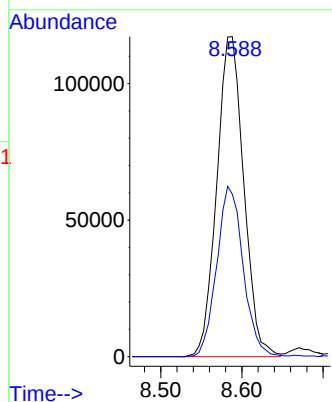
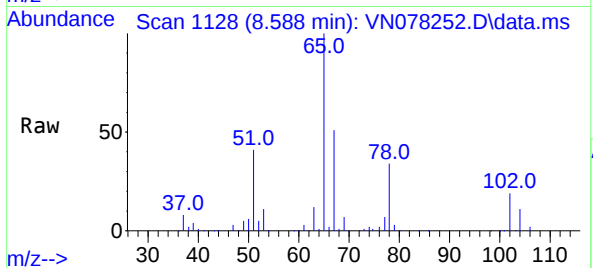
67 52.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078252.D

Acq: 16 Jun 2023 12:02

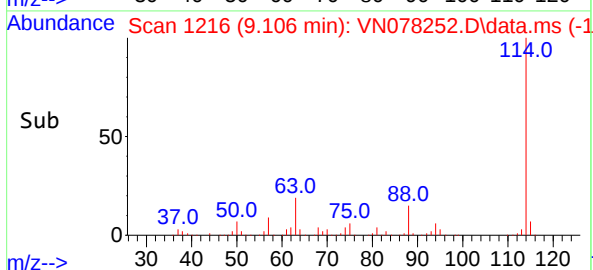
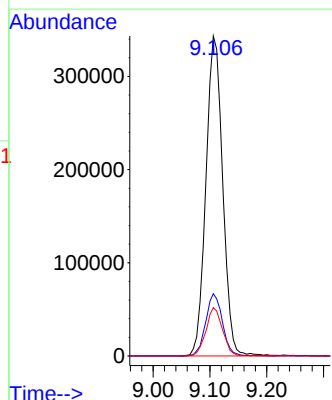
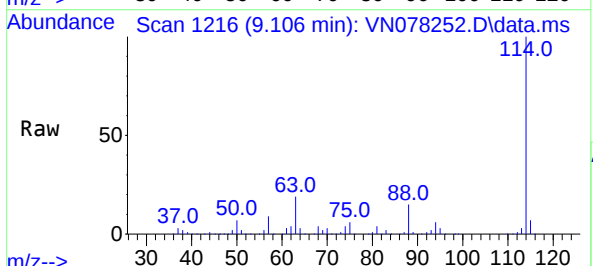
Tgt Ion:114 Resp: 703443

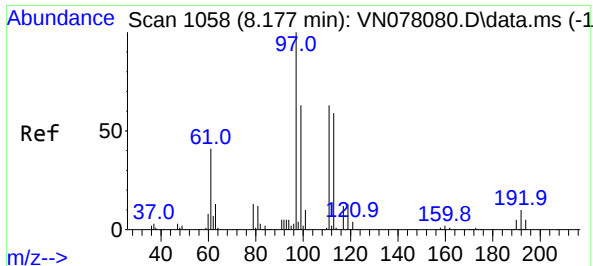
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

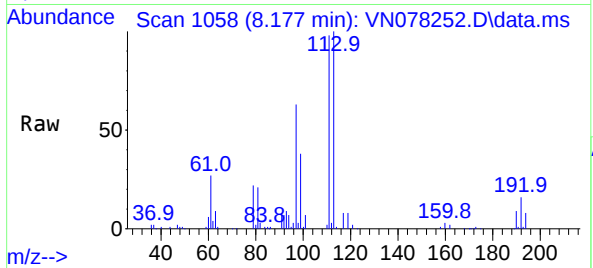
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.838 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

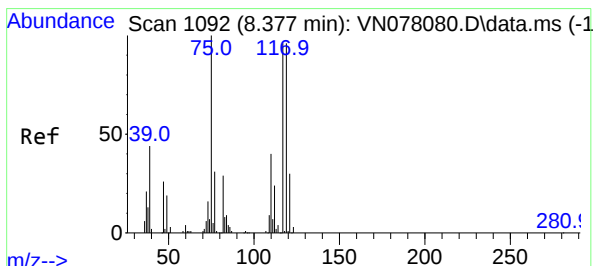
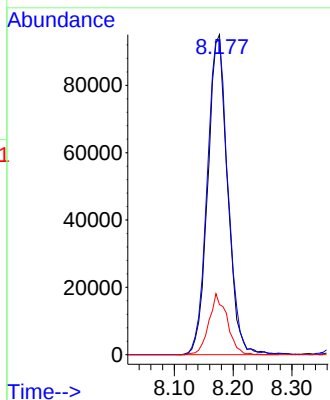
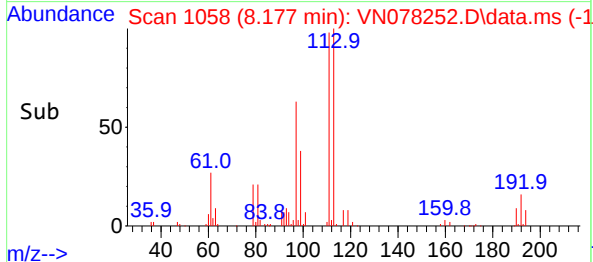
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



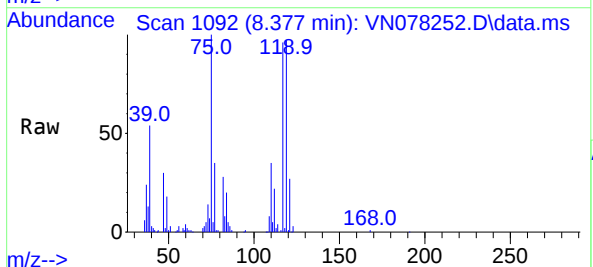
Tgt Ion:113 Resp: 221668
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 17.6 12.7 19.1

Manual Integrations
APPROVED

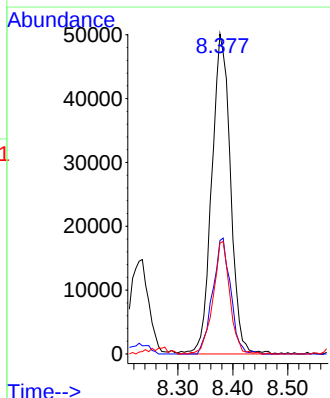
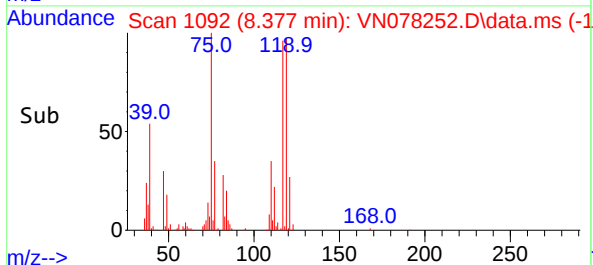
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

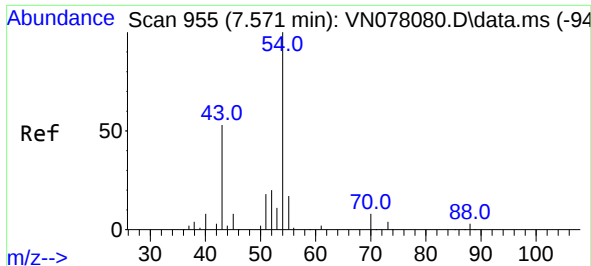


#36
1,1-Dichloropropene
Concen: 18.576 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



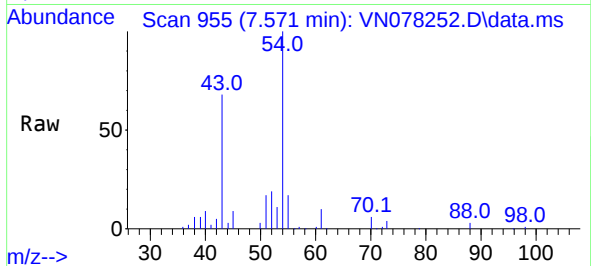
Tgt Ion: 75 Resp: 118512
Ion Ratio Lower Upper
75 100
110 34.3 19.1 57.3
77 31.6 25.0 37.4





#37
Ethyl Acetate
Concen: 17.870 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

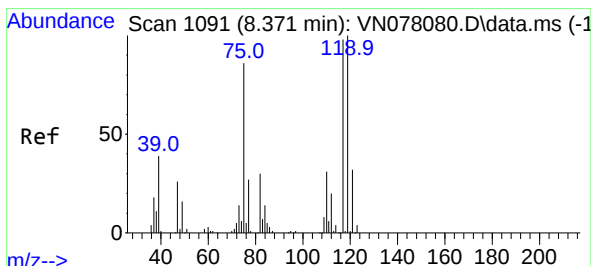
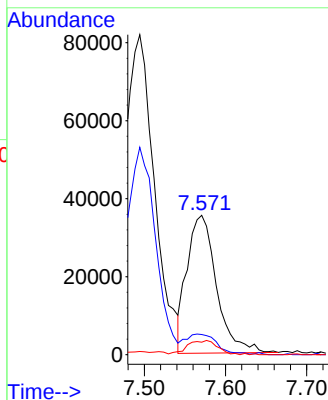
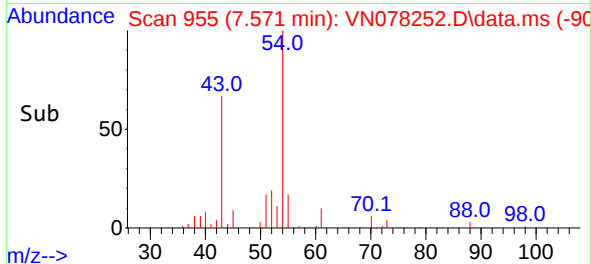
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 43 Resp: 89064
Ion Ratio Lower Upper
43 100
61 12.5 13.2 19.8
70 10.5 11.3 16.9

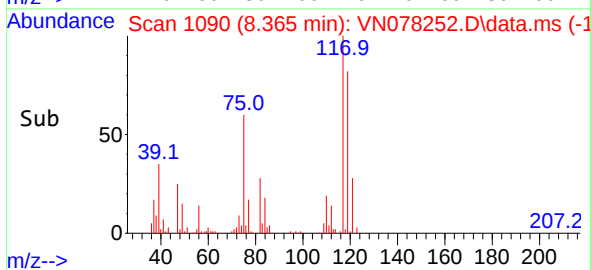
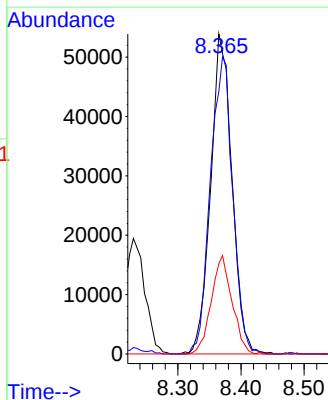
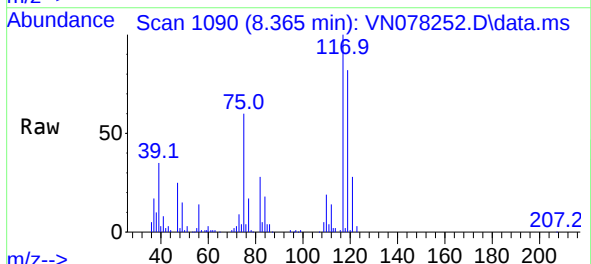
Manual Integrations
APPROVED

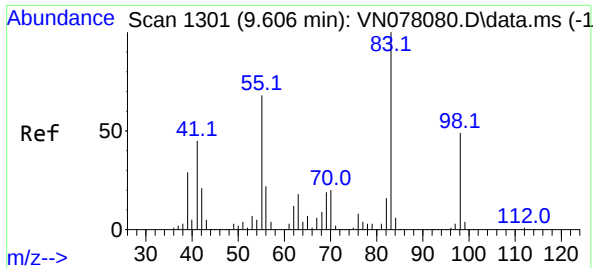
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#38
Carbon Tetrachloride
Concen: 18.738 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Tgt Ion:117 Resp: 126227
Ion Ratio Lower Upper
117 100
119 82.1 77.3 115.9
121 28.2 23.3 34.9





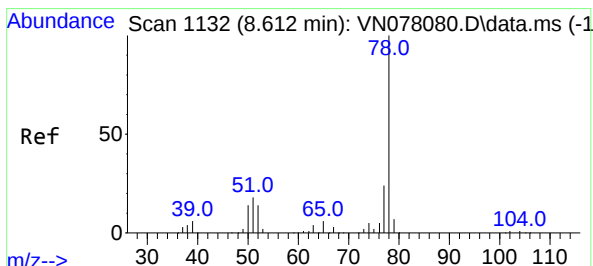
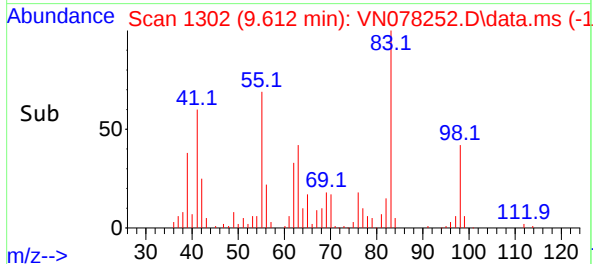
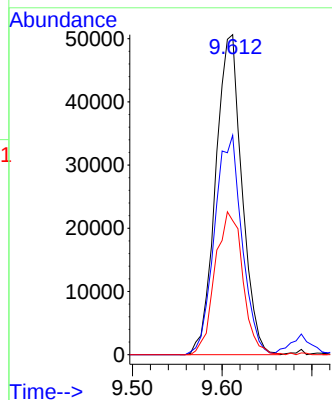
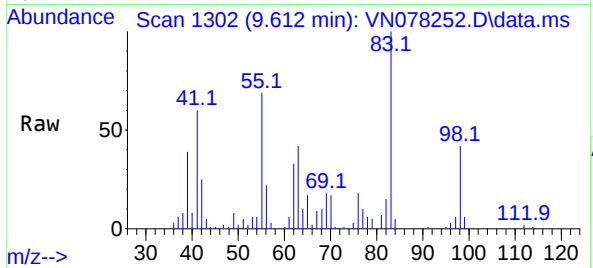
#39
Methylcyclohexane
Concen: 15.593 ug/l
RT: 9.612 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 83 Resp: 10309
Ion Ratio Lower Upper
83 100
55 68.5 49.1 73.7
98 41.9 40.6 61.0

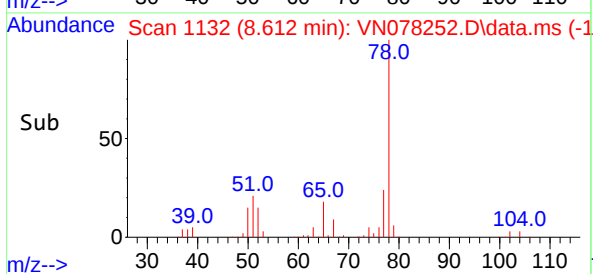
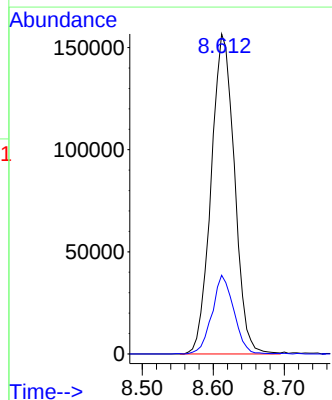
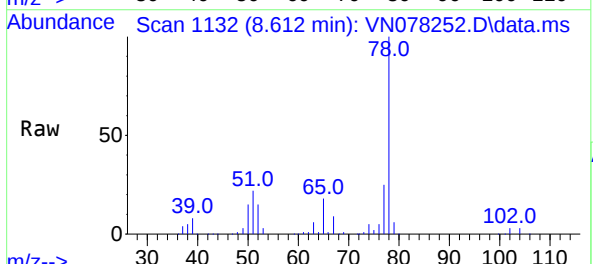
Manual Integrations
APPROVED

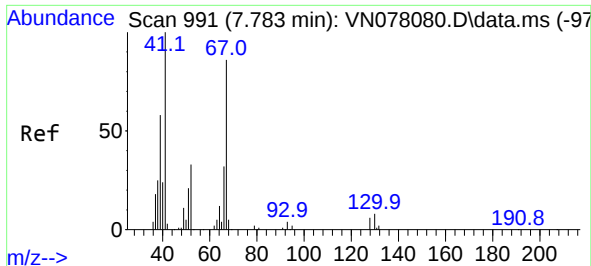
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#40
Benzene
Concen: 18.767 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

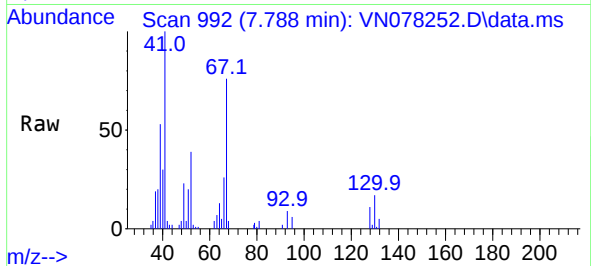
Tgt Ion: 78 Resp: 357453
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6





#41
Methacrylonitrile
Concen: 19.108 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

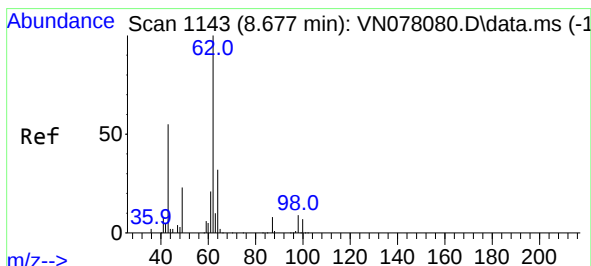
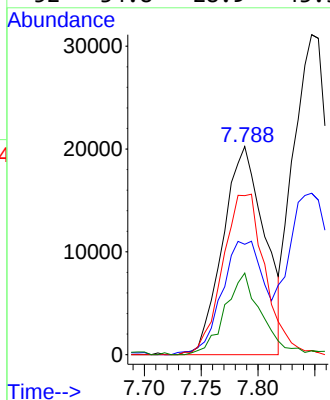
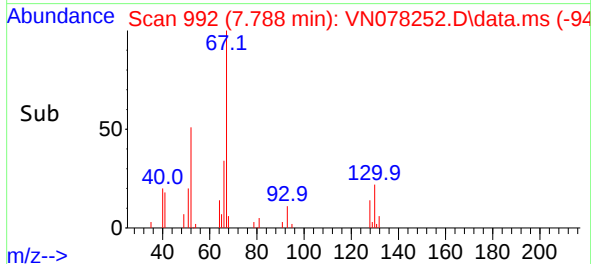
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 41 Resp: 51618
Ion Ratio Lower Upper
41 100
39 55.1 42.6 64.0
67 78.4 77.5 116.3
52 34.8 28.9 43.3

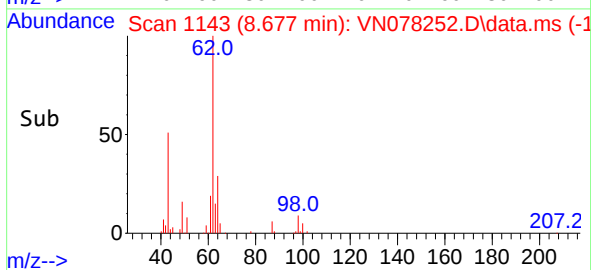
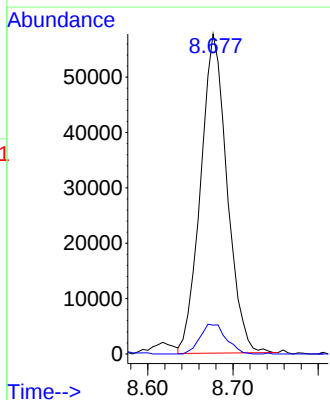
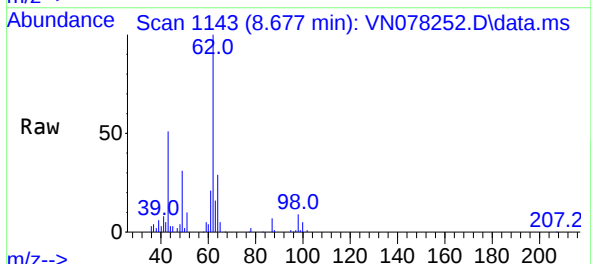
Manual Integrations
APPROVED

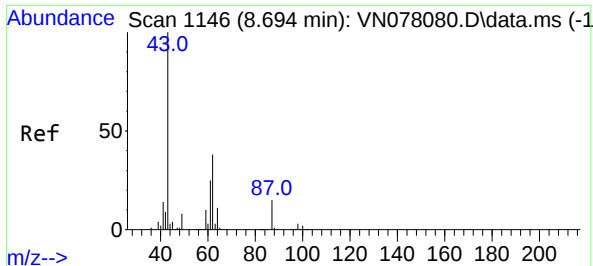
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#42
1,2-Dichloroethane
Concen: 19.046 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

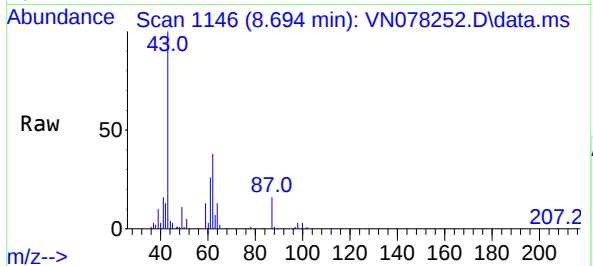
Tgt Ion: 62 Resp: 124376
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 16.661 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

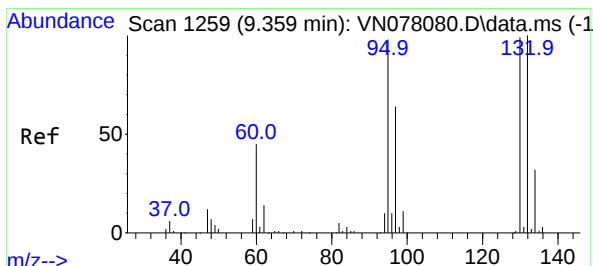
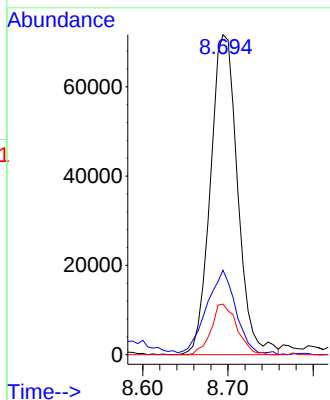
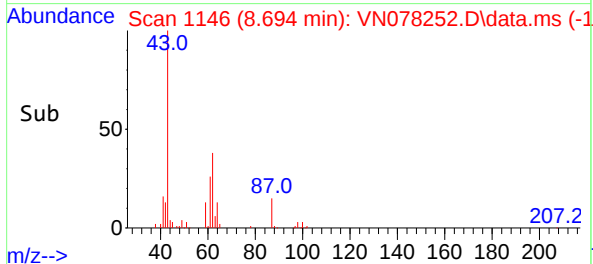
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 43 Resp: 158804
Ion Ratio Lower Upper
43 100
61 28.8 24.7 37.1
87 15.0 14.6 21.8

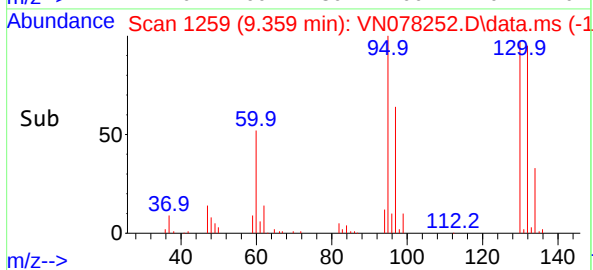
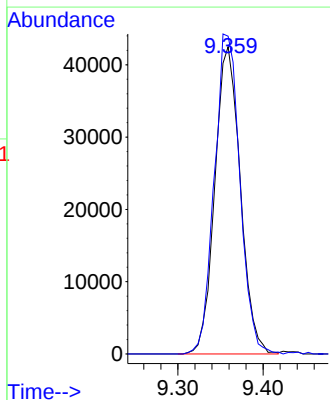
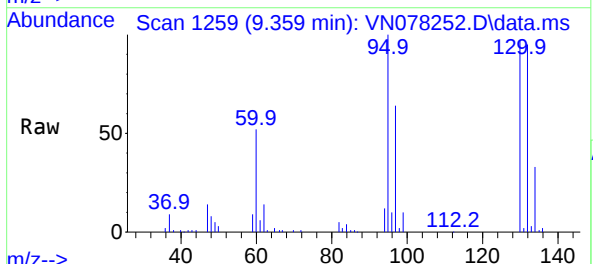
Manual Integrations
APPROVED

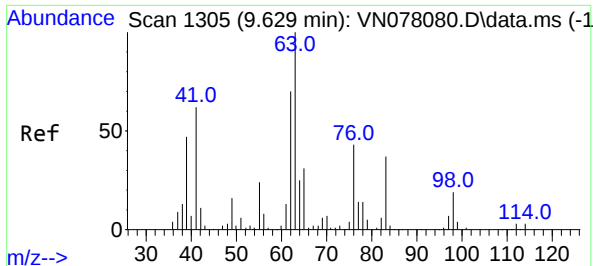
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#44
Trichloroethene
Concen: 17.562 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Tgt Ion:130 Resp: 88336
Ion Ratio Lower Upper
130 100
95 103.4 0.0 204.6





#45
1,2-Dichloropropane
Concen: 19.295 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Instrument :

MSVOA_N

ClientSampleId :

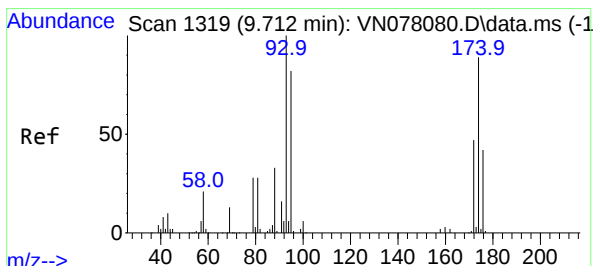
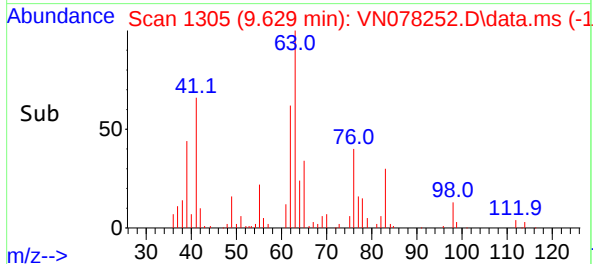
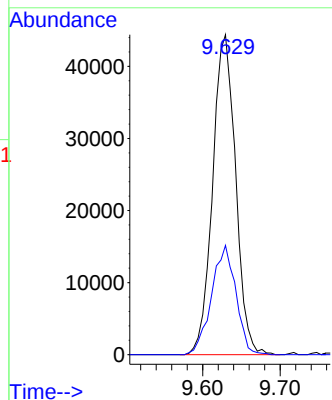
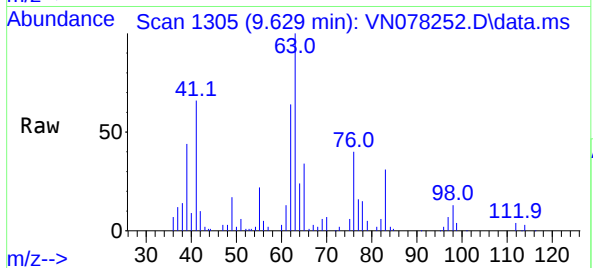
VN0616WBSD01

Tgt Ion: 63 Resp: 91436
Ion Ratio Lower Upper
63 100
65 34.1 23.9 35.9

Manual Integrations

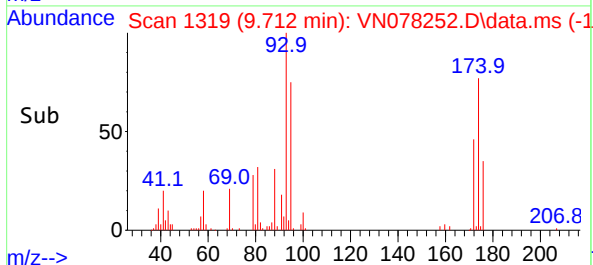
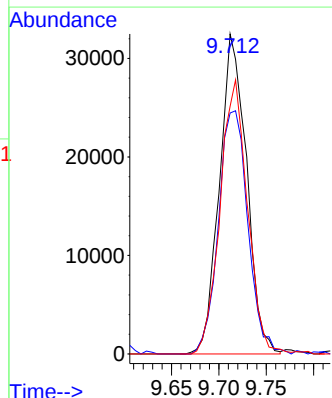
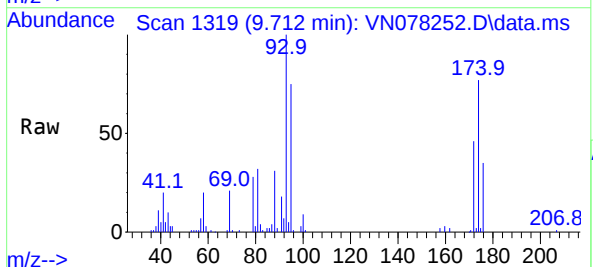
APPROVED

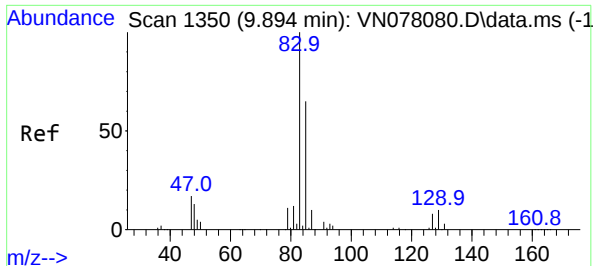
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#46
Dibromomethane
Concen: 18.533 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

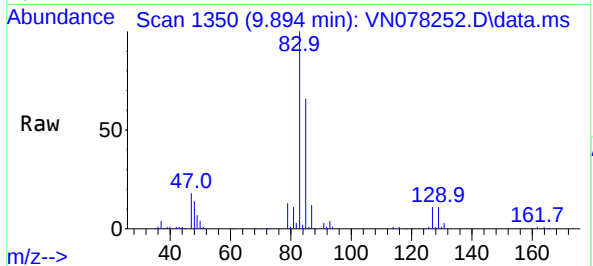
Tgt Ion: 93 Resp: 64689
Ion Ratio Lower Upper
93 100
95 82.6 63.8 95.8
174 86.5 65.6 98.4





#47
Bromodichloromethane
Concen: 20.642 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

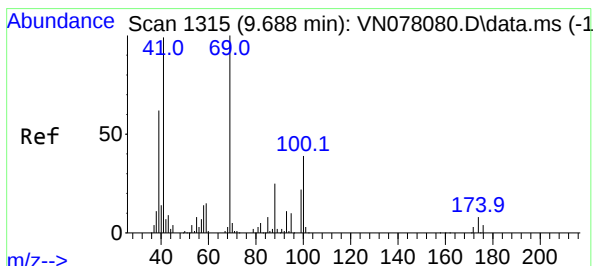
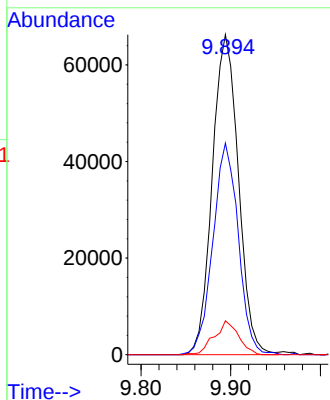
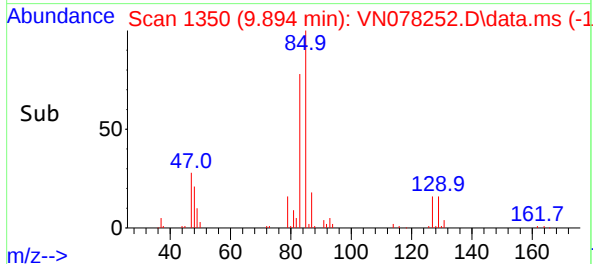
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



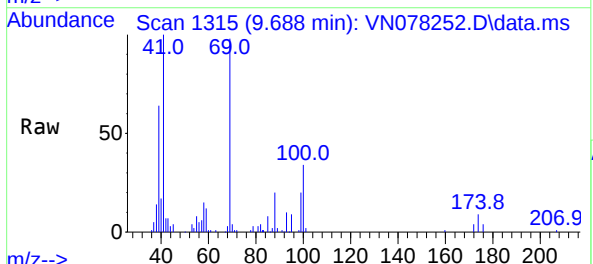
Tgt Ion: 83 Resp: 133830
Ion Ratio Lower Upper
83 100
85 66.1 49.6 74.4
127 10.6 7.0 10.6

Manual Integrations
APPROVED

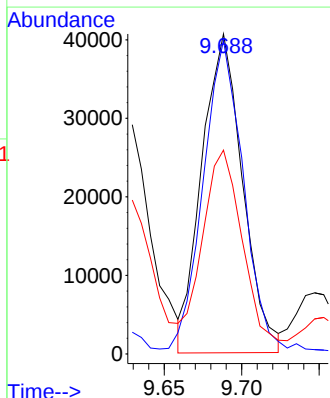
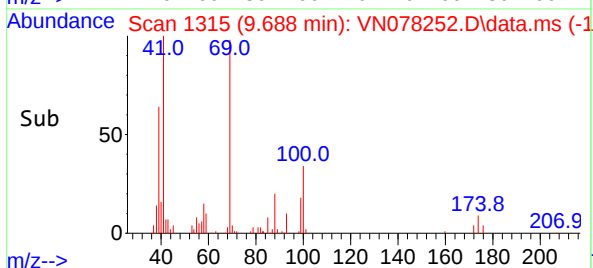
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

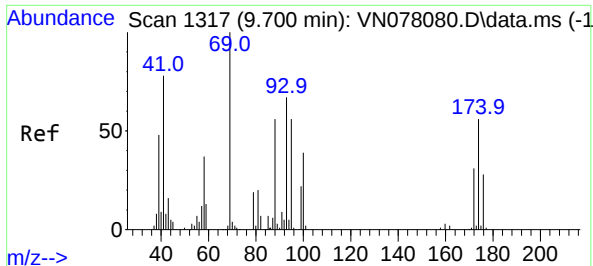


#48
Methyl methacrylate
Concen: 18.582 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



Tgt Ion: 41 Resp: 74326
Ion Ratio Lower Upper
41 100
69 99.5 90.4 135.6
39 64.2 54.6 81.8





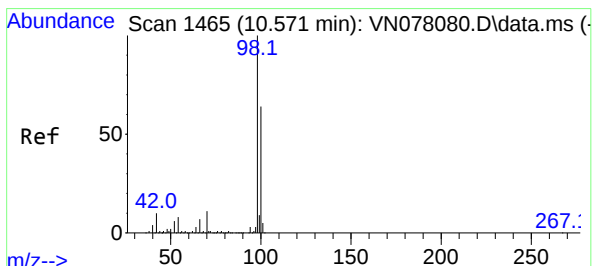
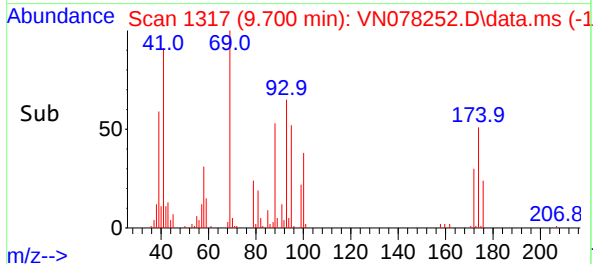
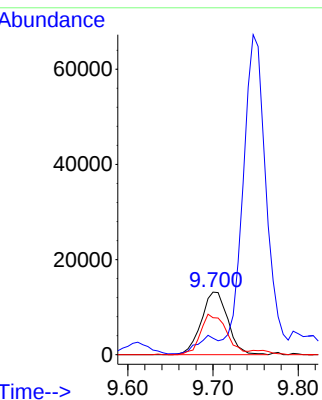
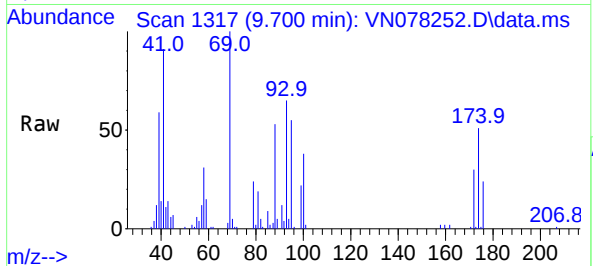
#49
1,4-Dioxane
Concen: 339.443 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 88 Resp: 2853
Ion Ratio Lower Upper
88 100
43 21.6 17.0 25.6
58 63.3 47.0 70.4

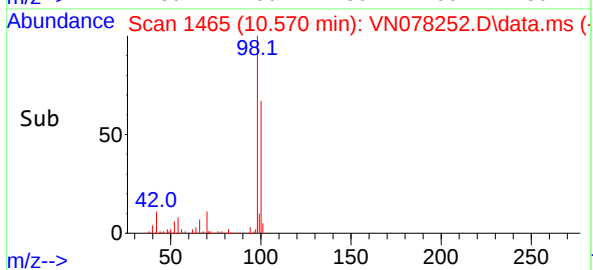
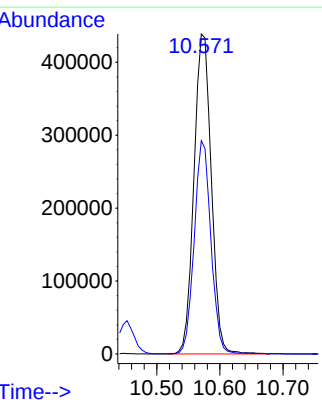
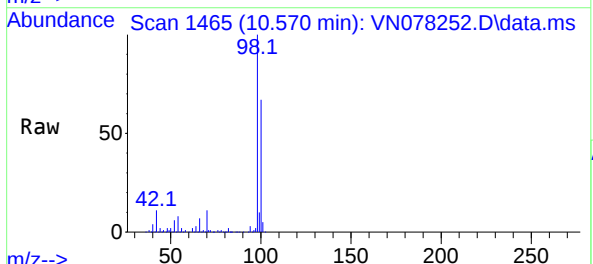
Manual Integrations
APPROVED

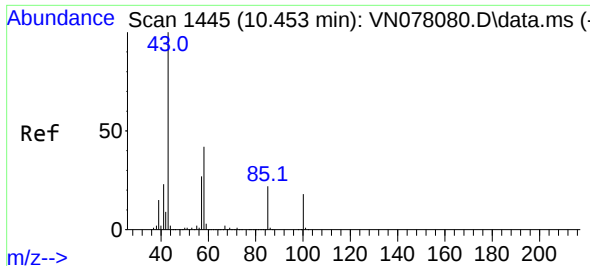
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#50
Toluene-d8
Concen: 48.895 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

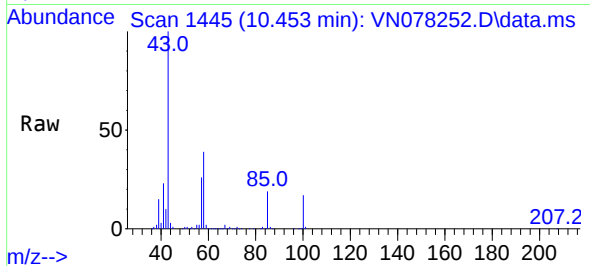
Tgt Ion: 98 Resp: 838393
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 96.574 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

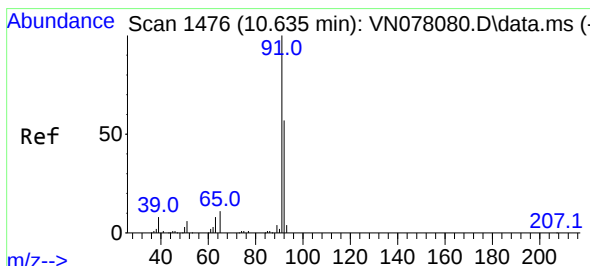
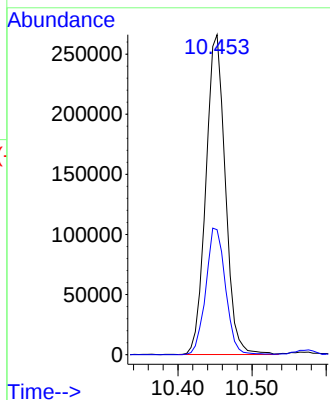
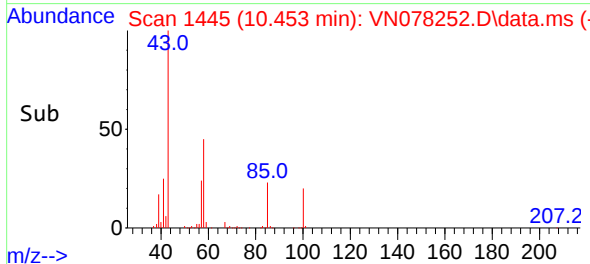
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



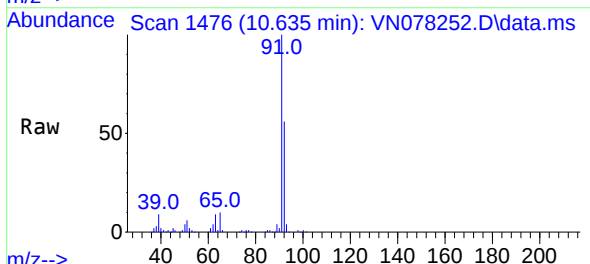
Tgt Ion: 43 Resp: 484724
Ion Ratio Lower Upper
43 100
58 40.1 36.6 54.8

Manual Integrations
APPROVED

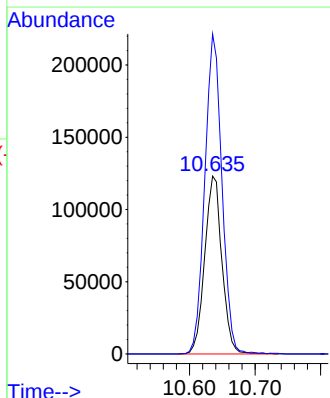
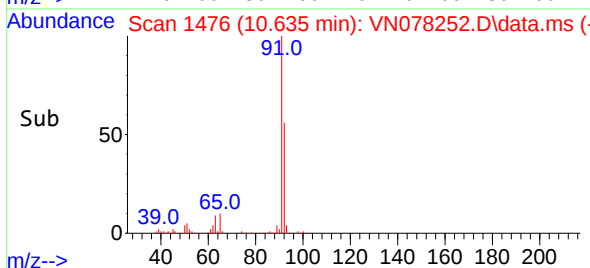
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

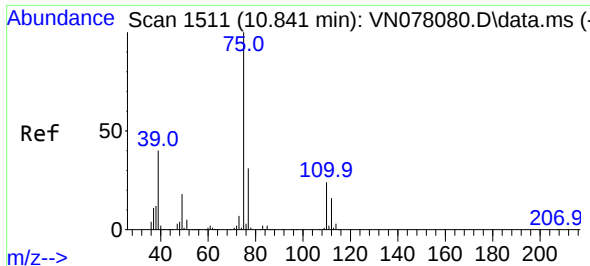


#52
Toluene
Concen: 18.708 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



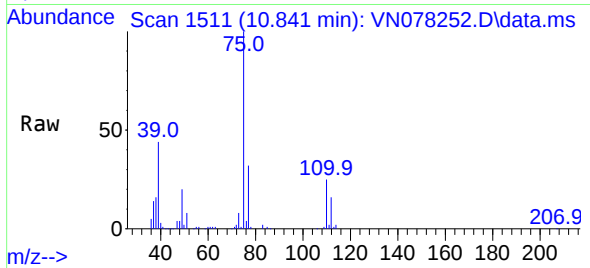
Tgt Ion: 92 Resp: 224967
Ion Ratio Lower Upper
92 100
91 178.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.658 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

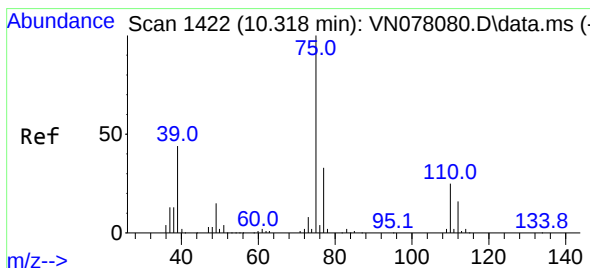
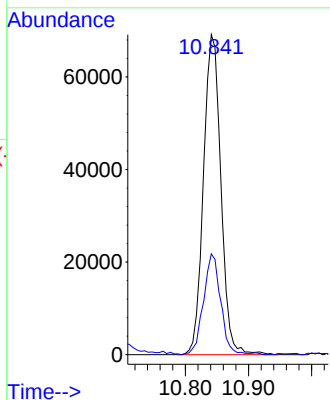
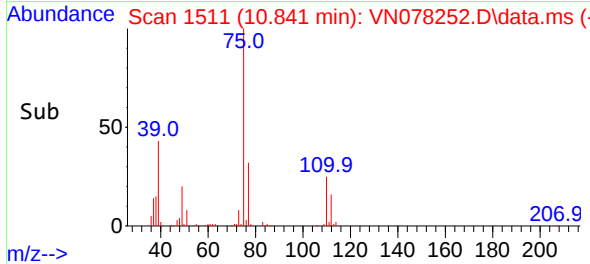
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



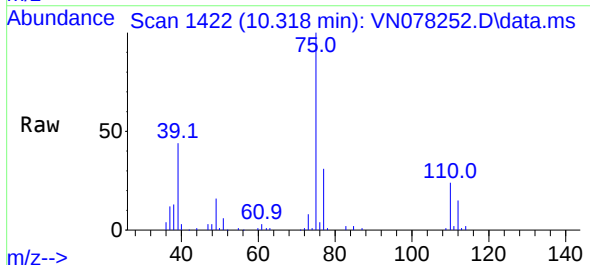
Tgt Ion: 75 Resp: 132734
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

Manual Integrations
APPROVED

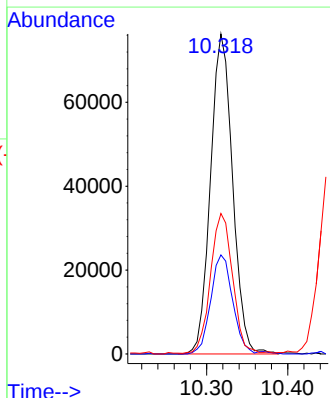
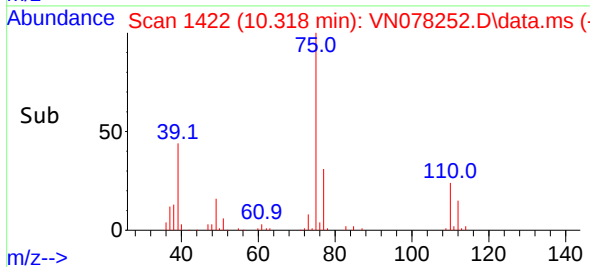
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

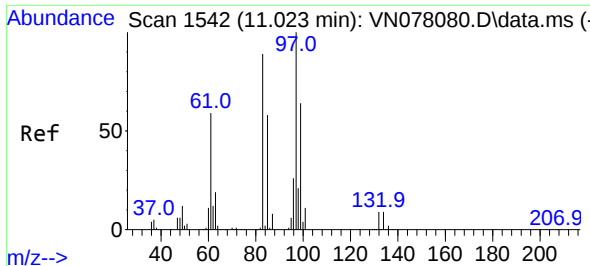


#54
cis-1,3-Dichloropropene
Concen: 19.327 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



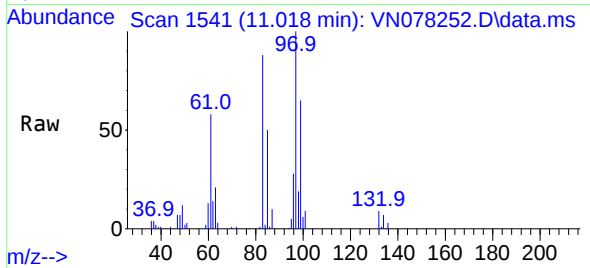
Tgt Ion: 75 Resp: 144258
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 43.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.754 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

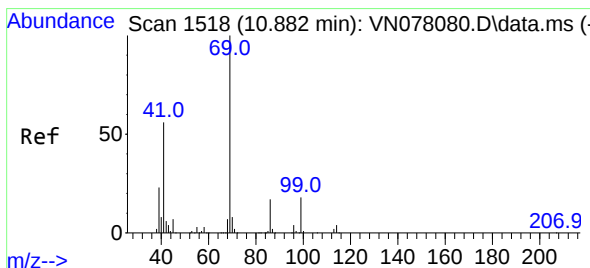
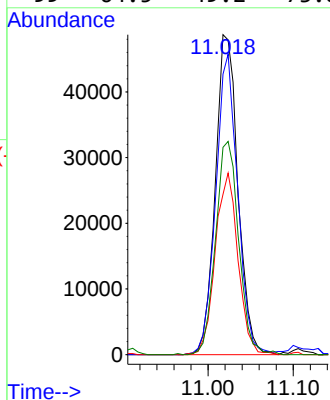
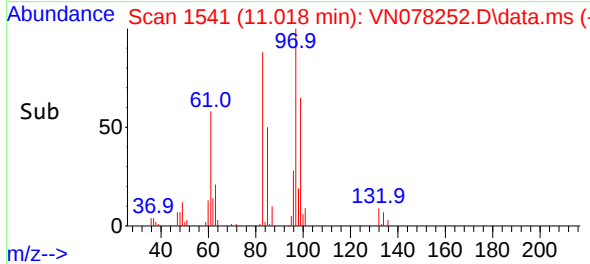
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



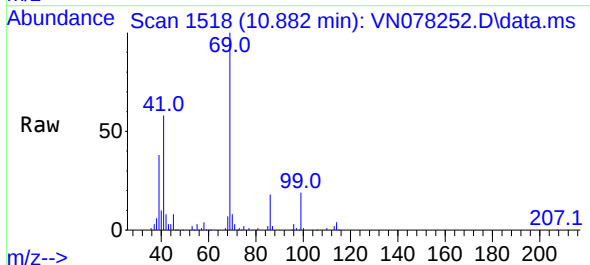
Tgt Ion: 97 Resp: 89862
Ion Ratio Lower Upper
97 100
83 87.6 65.1 97.7
85 50.1 43.4 65.2
99 64.5 49.2 73.8

Manual Integrations
APPROVED

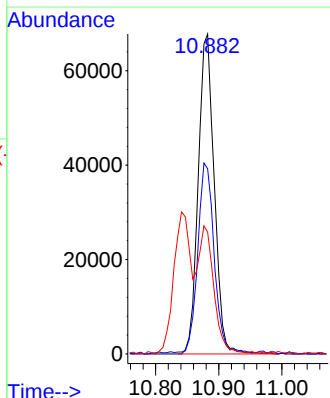
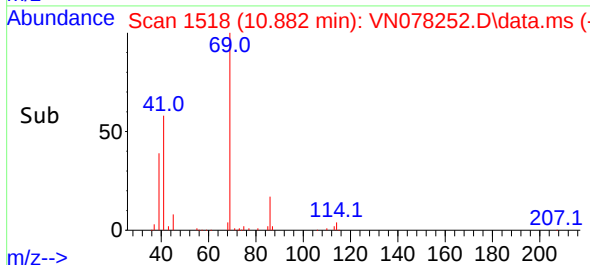
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

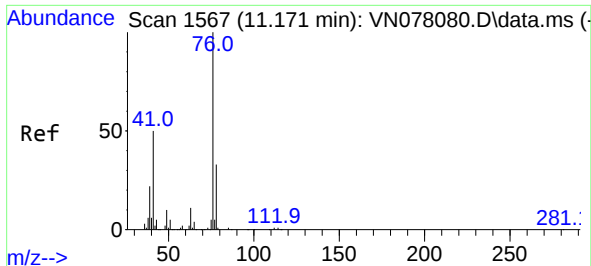


#56
Ethyl methacrylate
Concen: 17.979 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



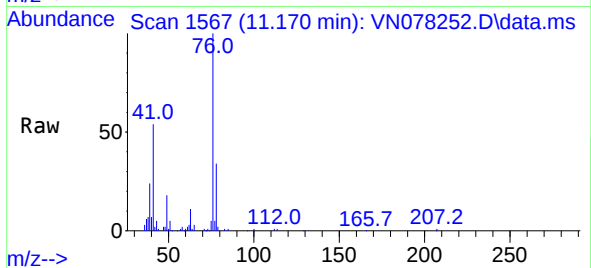
Tgt Ion: 69 Resp: 119089
Ion Ratio Lower Upper
69 100
41 60.3 39.6 59.4#
39 34.7 28.6 43.0





#57
1,3-Dichloropropane
Concen: 19.794 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

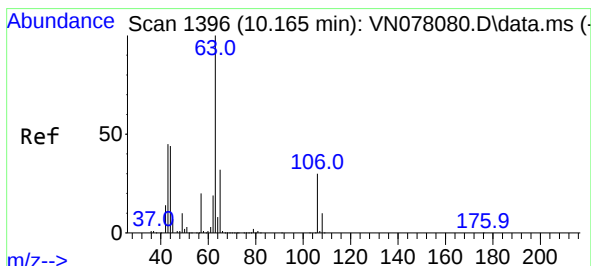
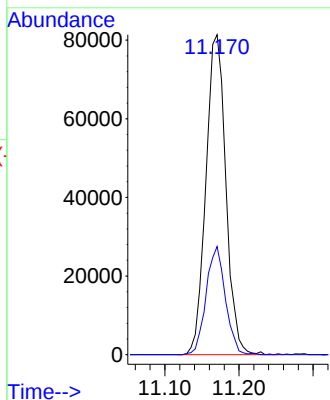
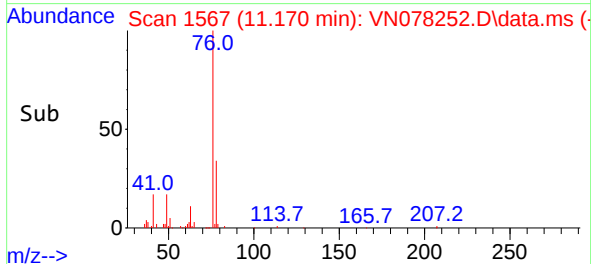
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



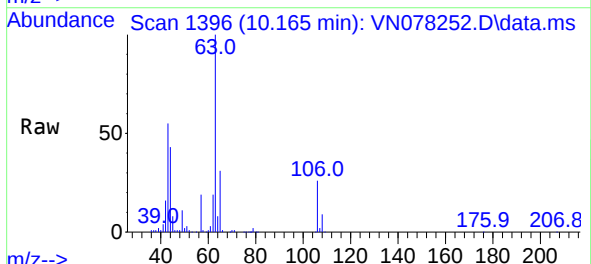
Tgt Ion: 76 Resp: 15199
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
APPROVED

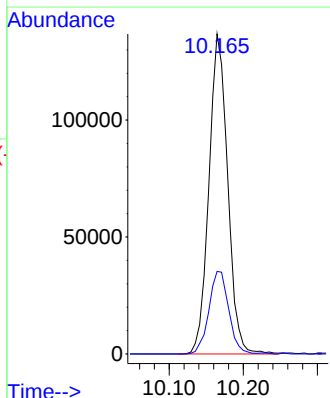
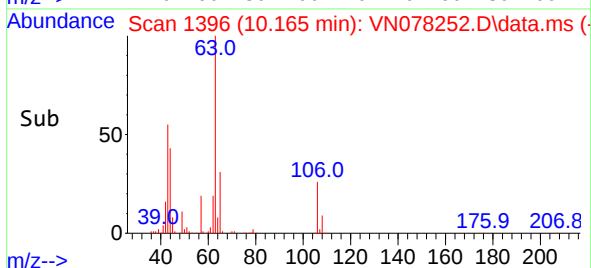
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

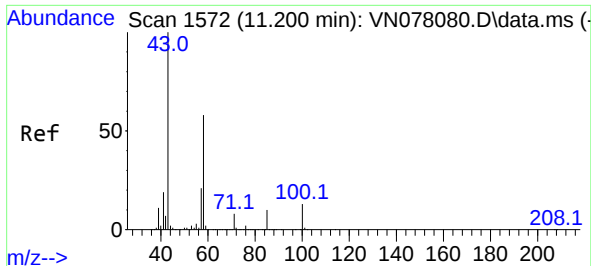


#58
2-Chloroethyl Vinyl ether
Concen: 89.870 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



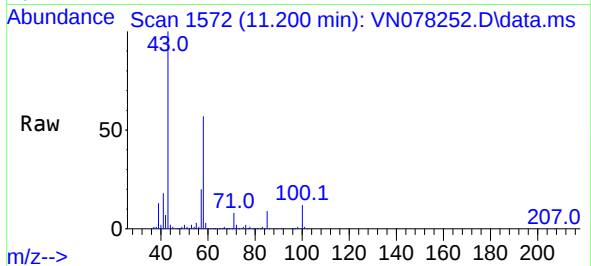
Tgt Ion: 63 Resp: 240476
Ion Ratio Lower Upper
63 100
106 27.3 26.2 39.4





#59
2-Hexanone
Concen: 93.594 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

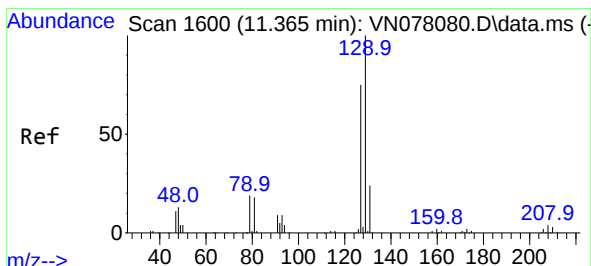
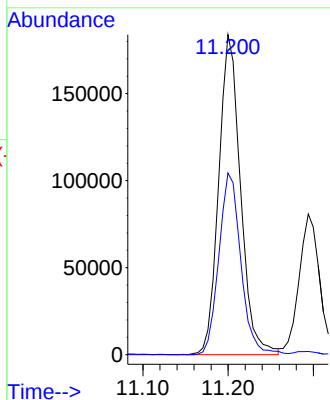
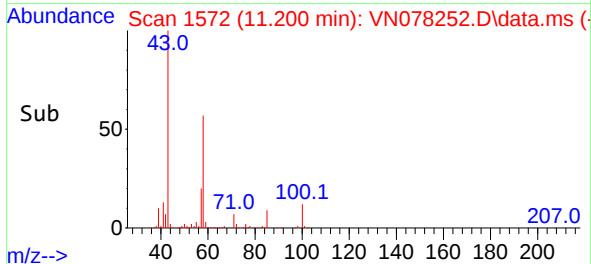
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 43 Resp: 327094
Ion Ratio Lower Upper
43 100
58 57.2 31.7 95.1

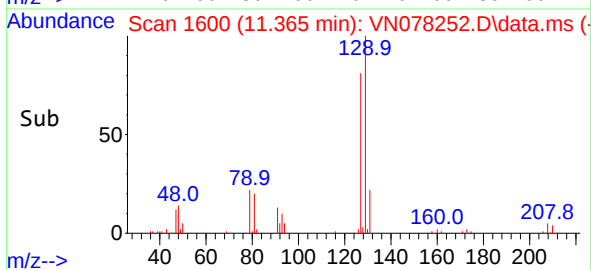
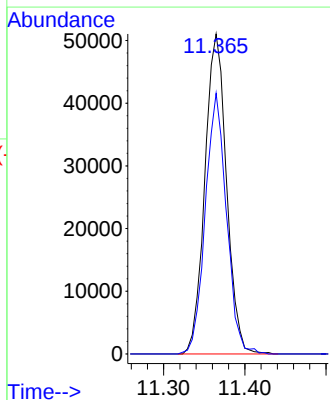
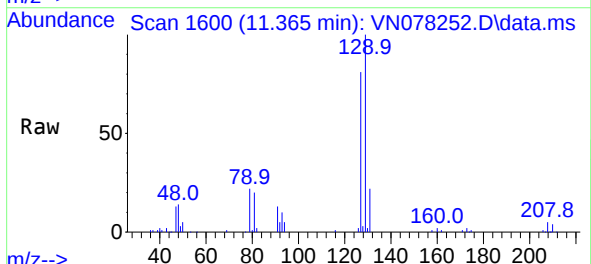
Manual Integrations
APPROVED

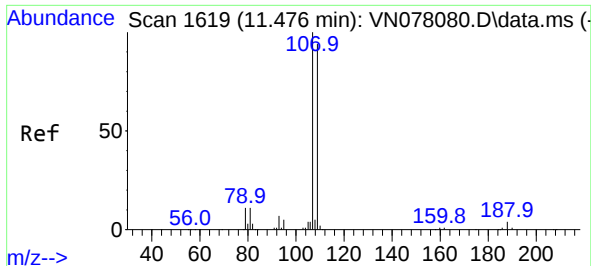
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#60
Dibromochloromethane
Concen: 19.014 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Tgt Ion:129 Resp: 94650
Ion Ratio Lower Upper
129 100
127 79.6 38.6 116.0





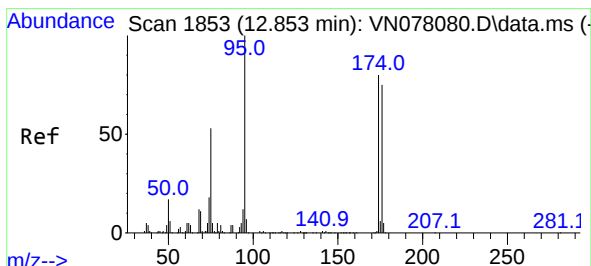
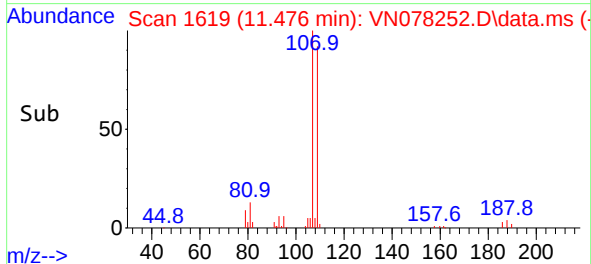
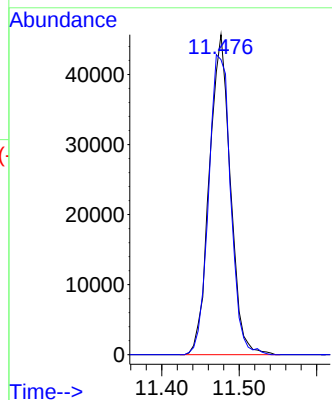
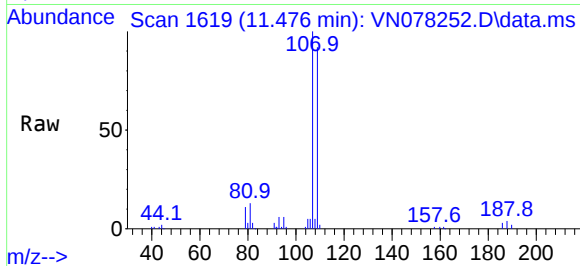
#61
1,2-Dibromoethane
Concen: 18.123 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion:107 Resp: 86510
Ion Ratio Lower Upper
107 100
109 97.7 76.6 114.8

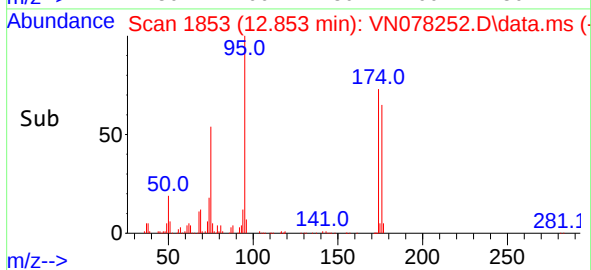
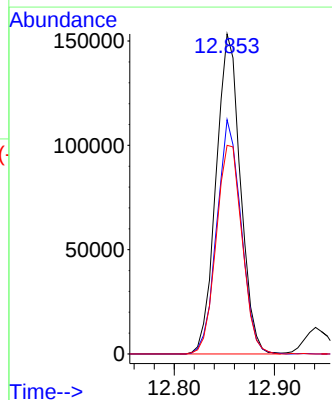
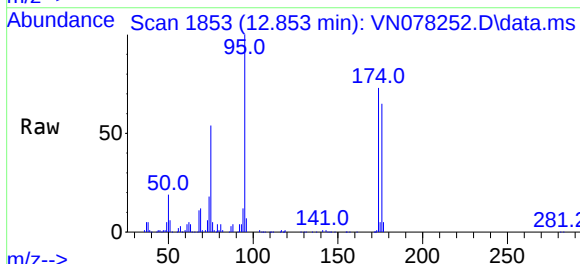
Manual Integrations
APPROVED

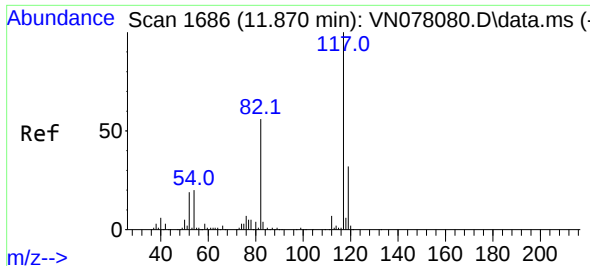
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#62
4-Bromofluorobenzene
Concen: 48.484 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

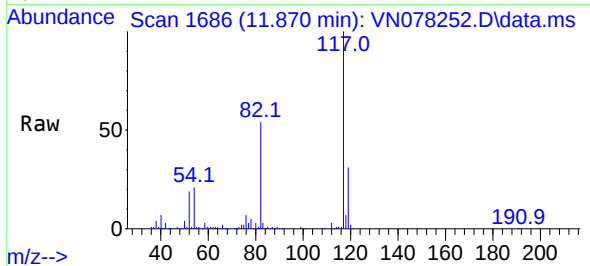
Tgt Ion: 95 Resp: 258444
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 69.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

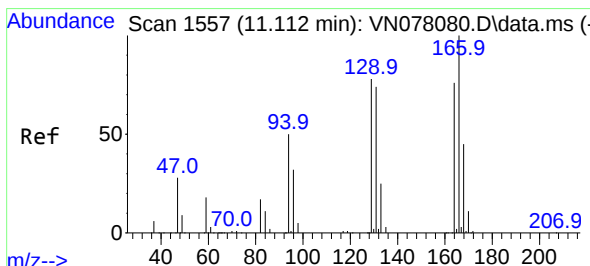
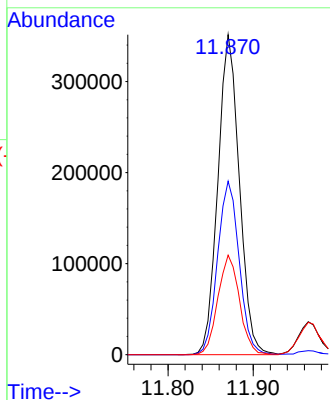
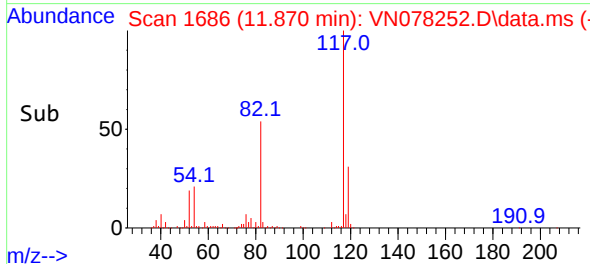
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



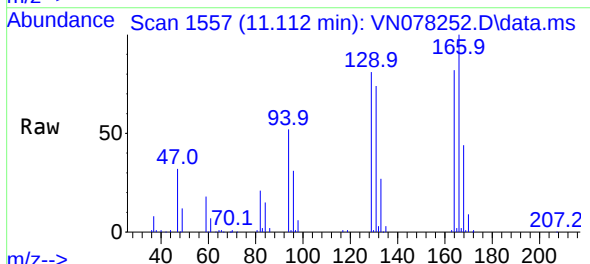
Tgt Ion:117 Resp: 61564
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 31.1 25.6 38.4

Manual Integrations
APPROVED

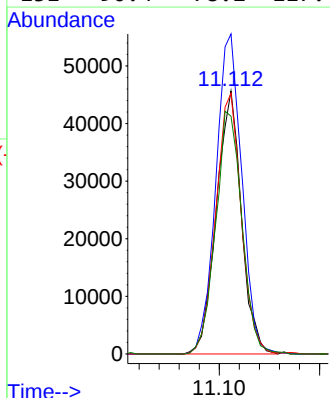
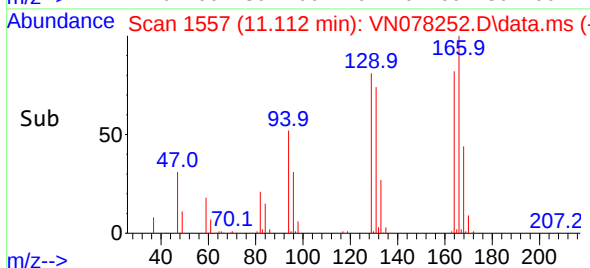
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

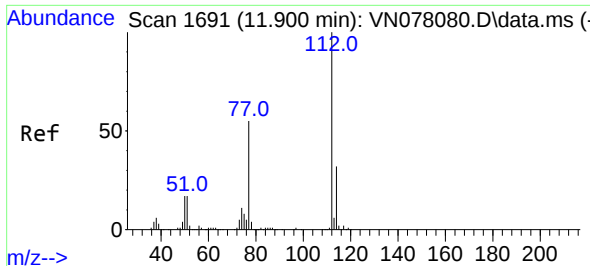


#64
Tetrachloroethene
Concen: 19.193 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



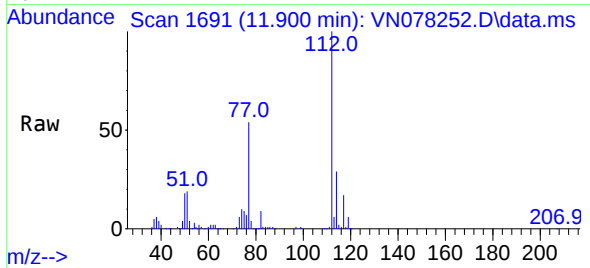
Tgt Ion:164 Resp: 78828
Ion Ratio Lower Upper
164 100
166 121.7 101.4 152.0
129 99.1 82.4 123.6
131 90.4 78.2 117.4





#65
Chlorobenzene
Concen: 17.987 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

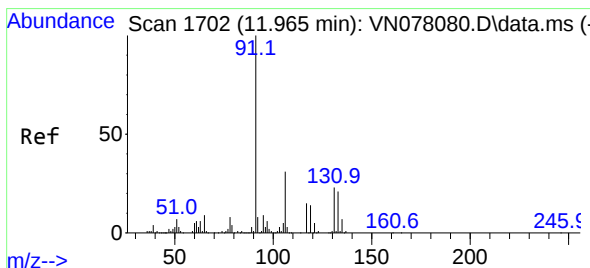
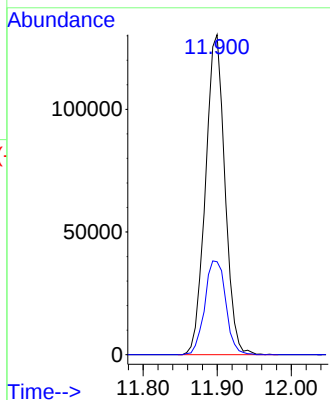
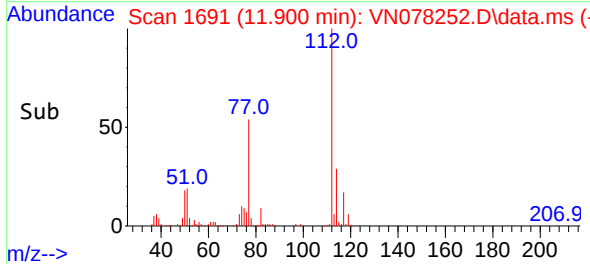
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



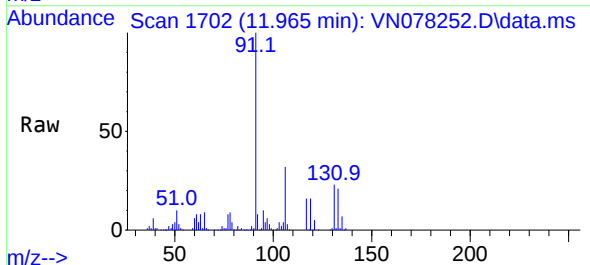
Tgt Ion:112 Resp: 237148
Ion Ratio Lower Upper
112 100
114 29.1 25.0 37.4

Manual Integrations
APPROVED

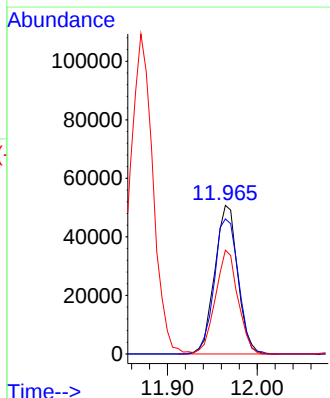
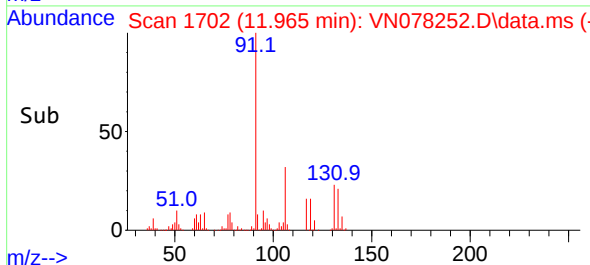
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

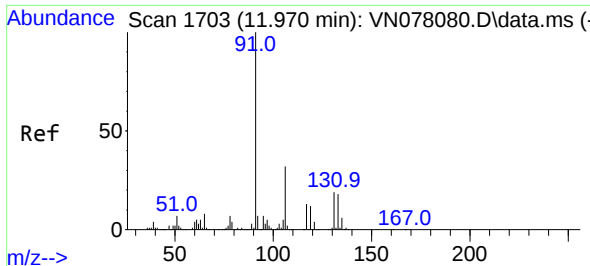


#66
1,1,1,2-Tetrachloroethane
Concen: 18.641 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



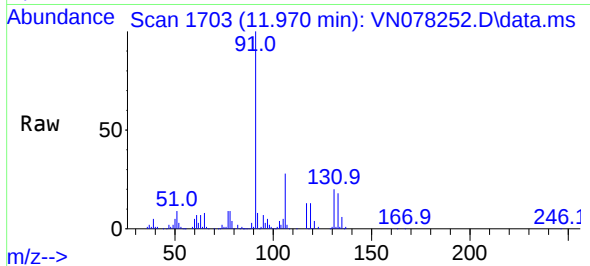
Tgt Ion:131 Resp: 90393
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 68.3 34.1 102.2





#67
Ethyl Benzene
Concen: 18.093 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

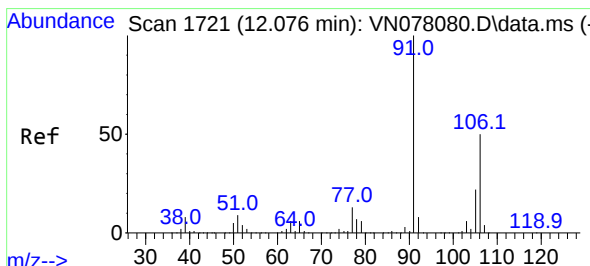
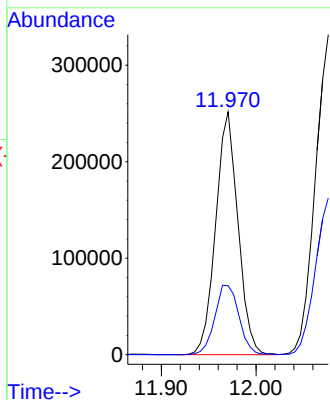
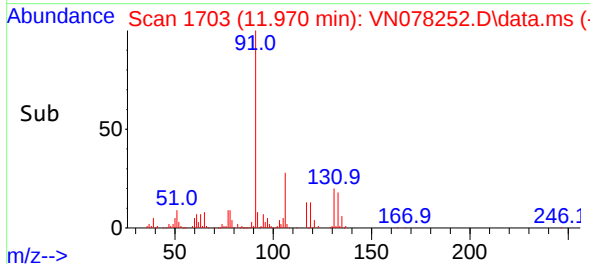
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



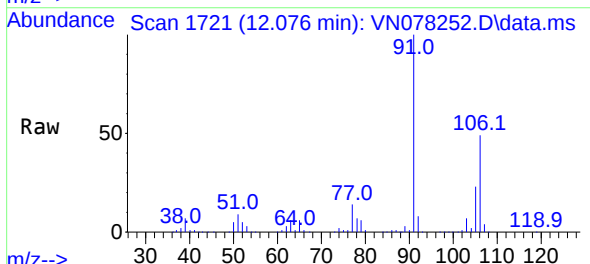
Tgt Ion: 91 Resp: 411614
Ion Ratio Lower Upper
91 100
106 28.4 25.6 38.4

Manual Integrations
APPROVED

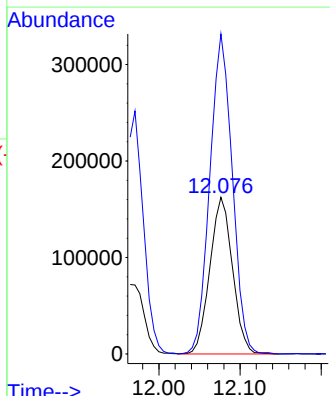
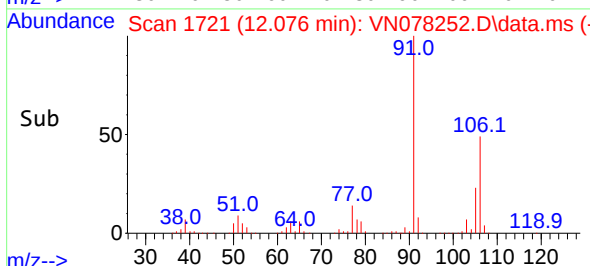
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

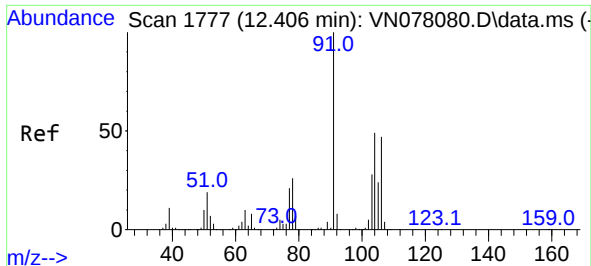


#68
m/p-Xylenes
Concen: 36.249 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



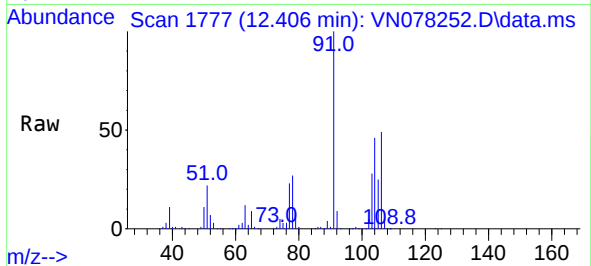
Tgt Ion:106 Resp: 314269
Ion Ratio Lower Upper
106 100
91 203.2 159.6 239.4





#69
o-Xylene
Concen: 18.034 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

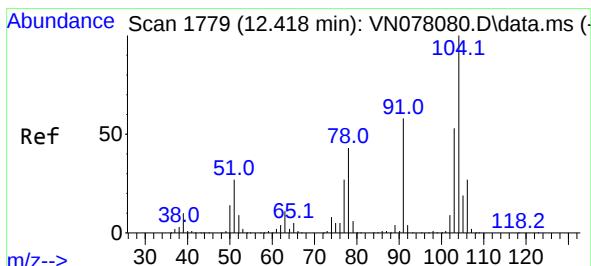
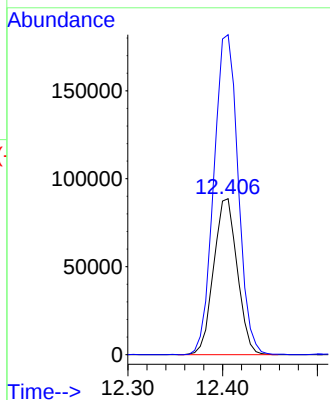
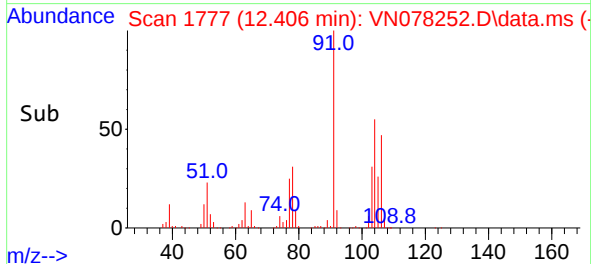
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



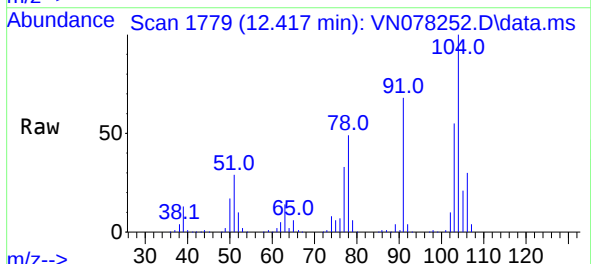
Tgt Ion:106 Resp: 153542
Ion Ratio Lower Upper
106 100
91 211.3 105.2 315.5

Manual Integrations
APPROVED

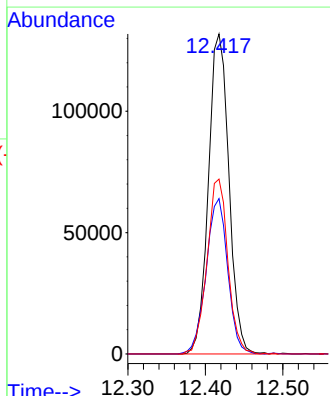
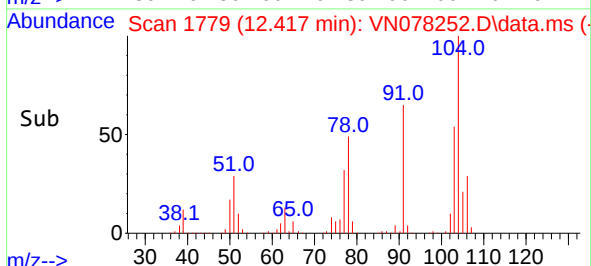
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

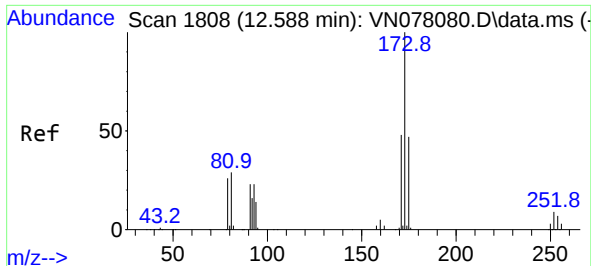


#70
Styrene
Concen: 18.097 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



Tgt Ion:104 Resp: 242565
Ion Ratio Lower Upper
104 100
78 51.0 39.5 59.3
103 55.8 43.2 64.8





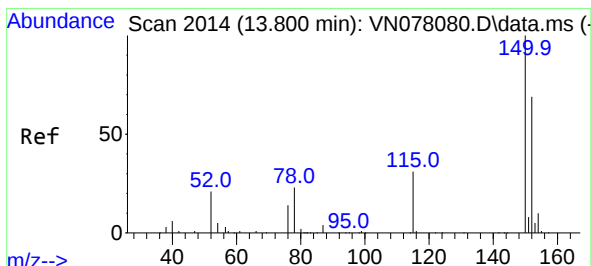
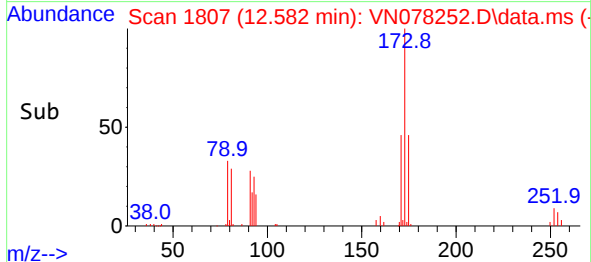
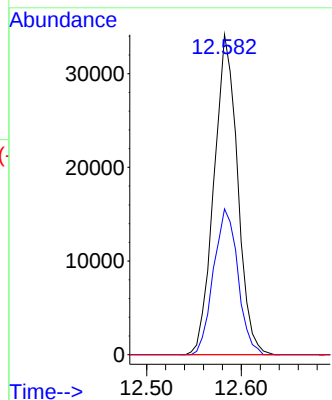
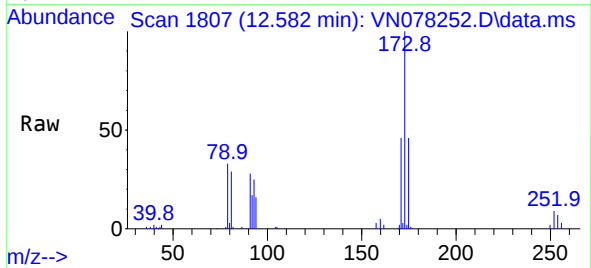
#71
Bromoform
Concen: 18.948 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion:173 Resp: 59290
Ion Ratio Lower Upper
173 100
175 46.9 24.3 73.0
254 0.0 0.0 0.0

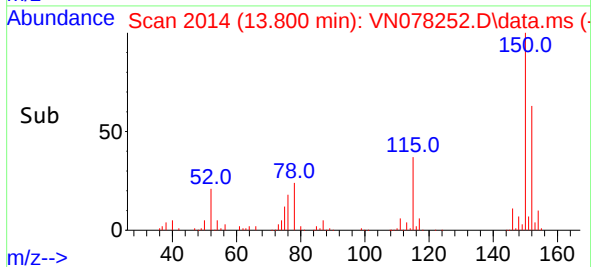
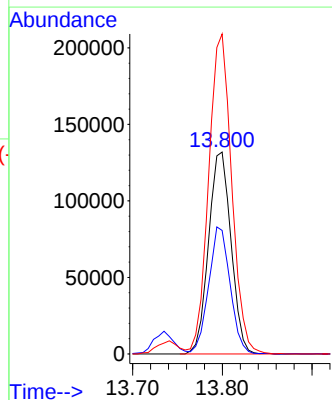
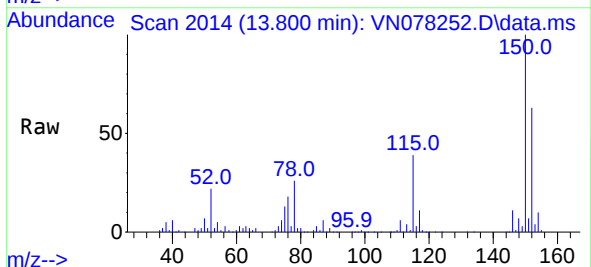
Manual Integrations
APPROVED

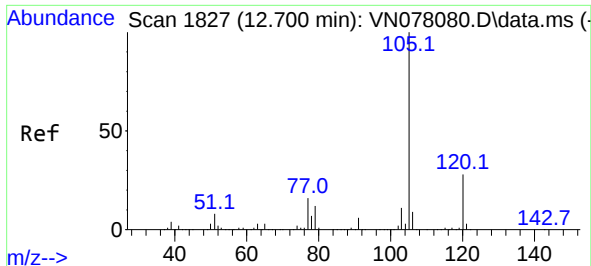
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

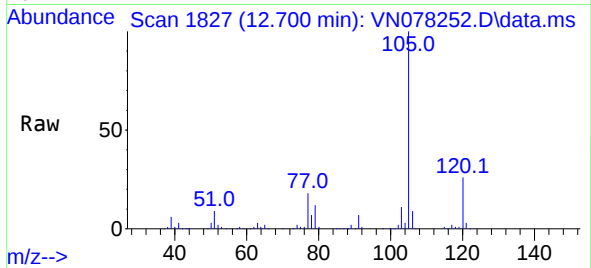
Tgt Ion:152 Resp: 229279
Ion Ratio Lower Upper
152 100
115 60.2 32.3 96.8
150 162.3 0.0 355.8





#73
Isopropylbenzene
Concen: 17.892 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

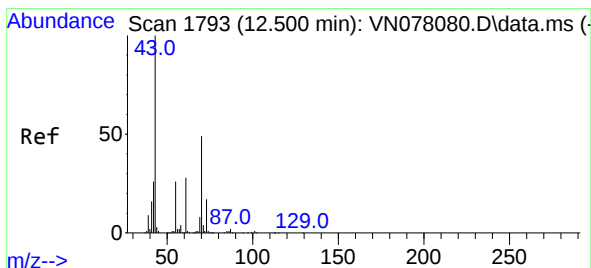
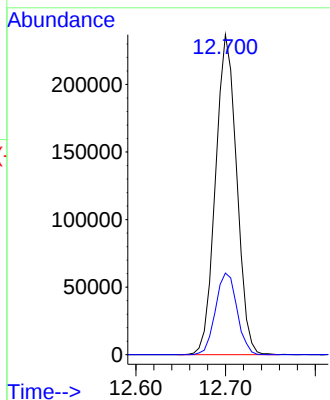
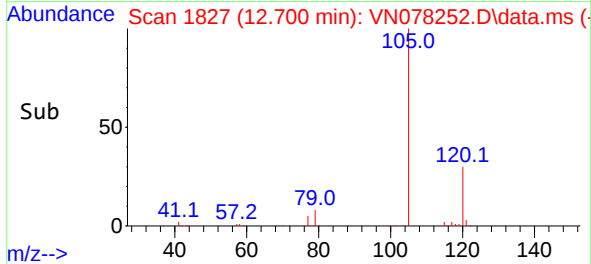
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



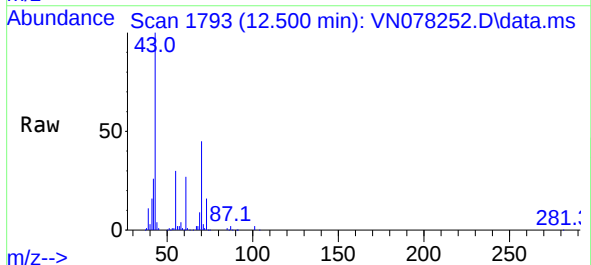
Tgt Ion:105 Resp: 387910
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

Manual Integrations
APPROVED

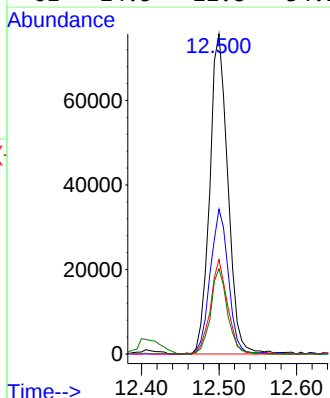
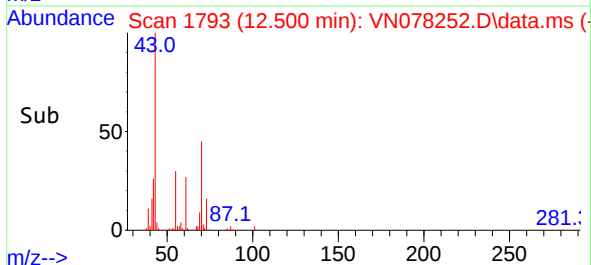
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

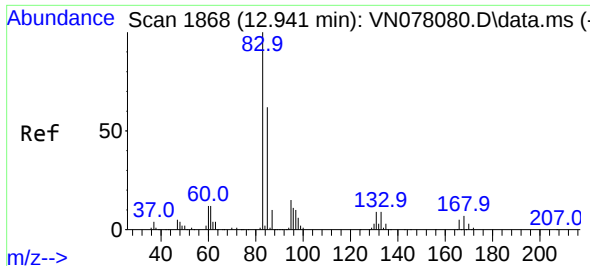


#74
N-ethyl acetate
Concen: 17.278 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



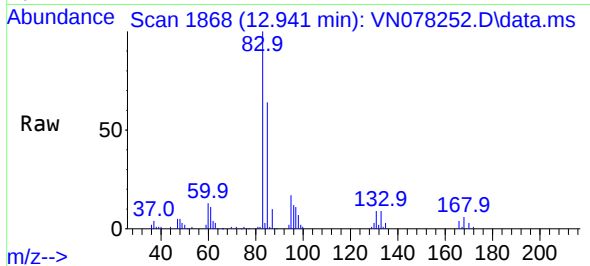
Tgt Ion: 43 Resp: 123364
Ion Ratio Lower Upper
43 100
70 45.1 43.4 65.2
55 27.5 21.4 32.0
61 24.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.525 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

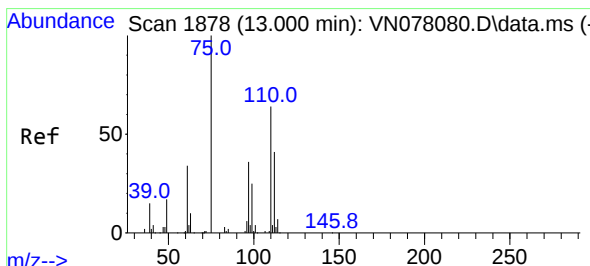
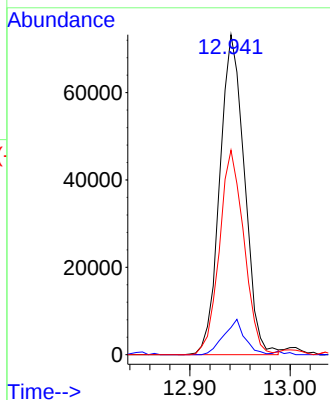
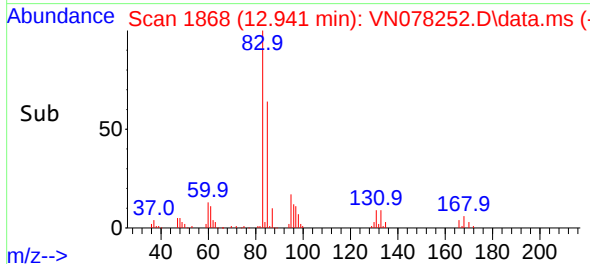
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



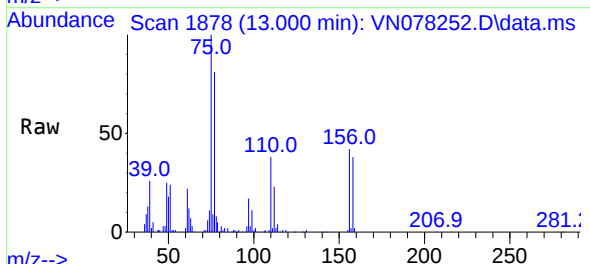
Tgt Ion: 83 Resp: 12532
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 63.4 31.9 95.7

Manual Integrations
APPROVED

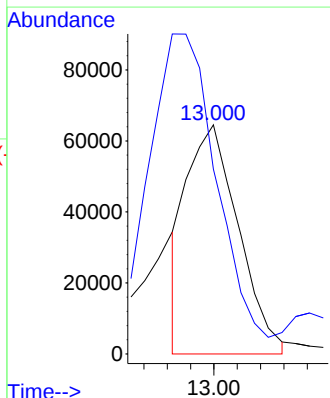
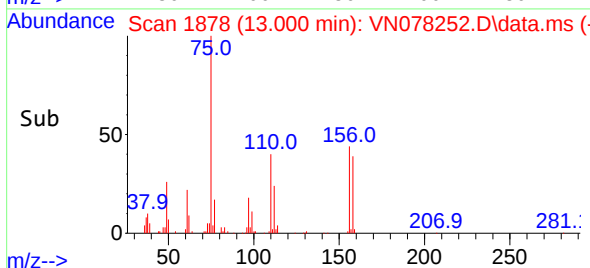
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

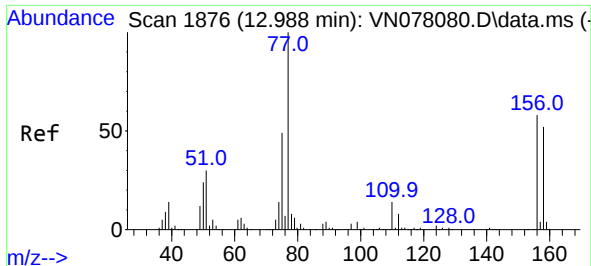


#76
1,2,3-Trichloropropane
Concen: 18.336 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



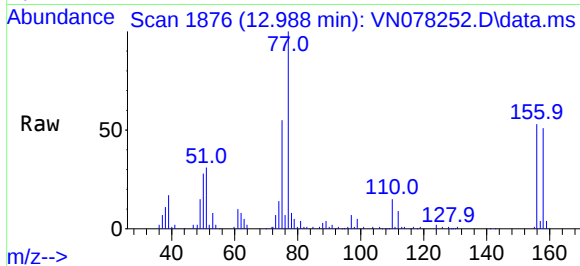
Tgt Ion: 75 Resp: 99387
Ion Ratio Lower Upper
75 100
77 187.8 84.5 253.5





#77
Bromobenzene
Concen: 17.563 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

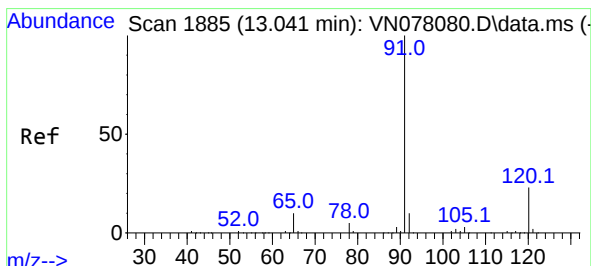
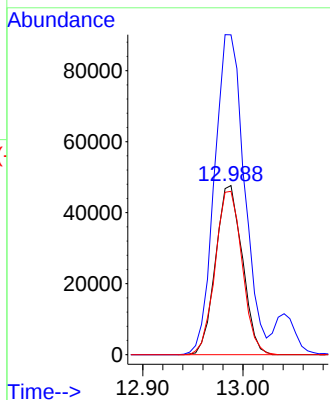
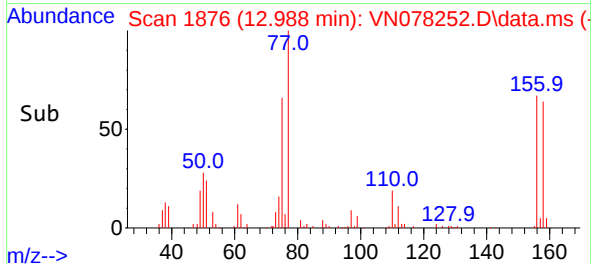
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



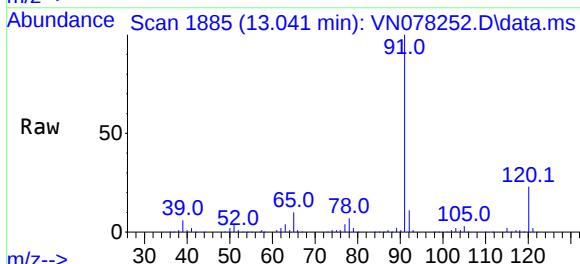
Tgt Ion:156 Resp: 88397
Ion Ratio Lower Upper
156 100
77 211.2 107.7 323.3
158 97.3 48.4 145.3

Manual Integrations
APPROVED

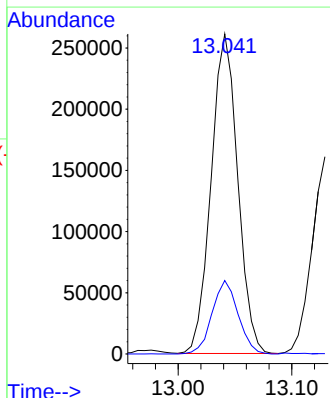
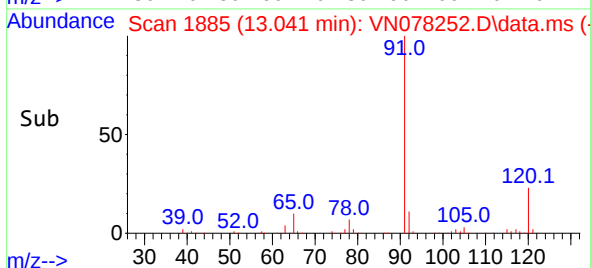
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

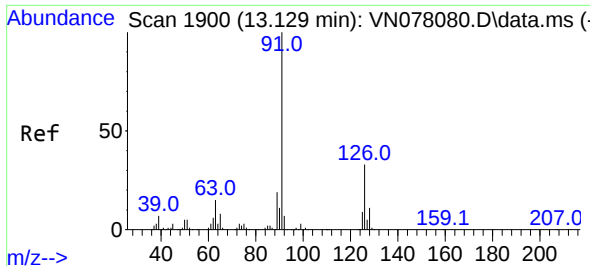


#78
n-propylbenzene
Concen: 18.051 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



Tgt Ion: 91 Resp: 425215
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





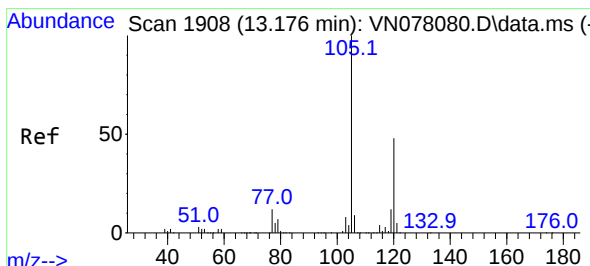
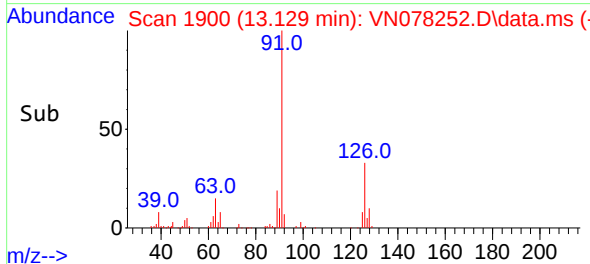
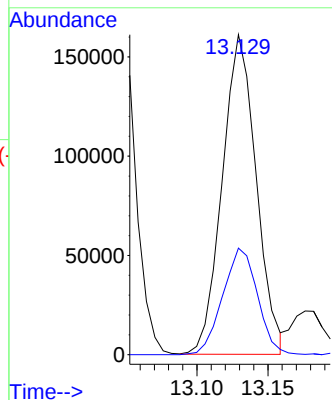
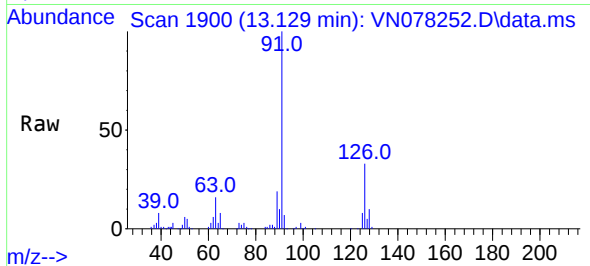
#79
2-Chlorotoluene
Concen: 17.634 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 91 Resp: 26813
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8

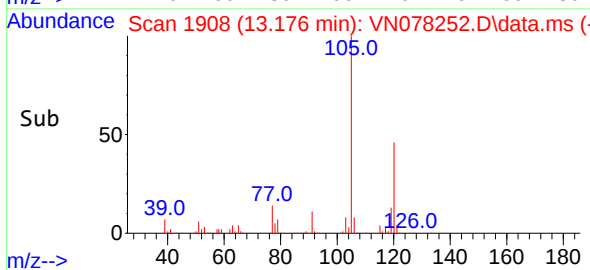
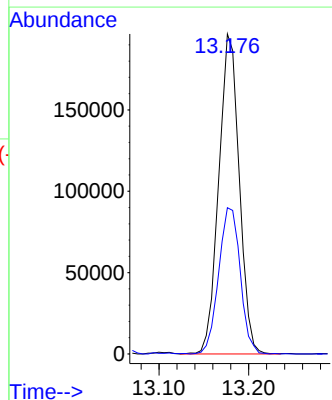
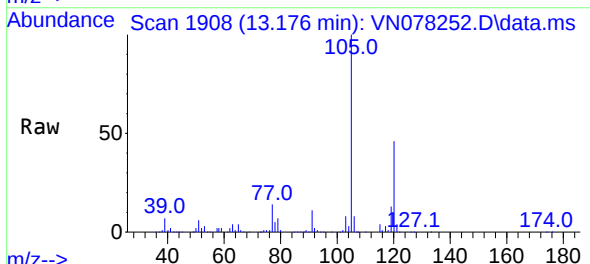
Manual Integrations
APPROVED

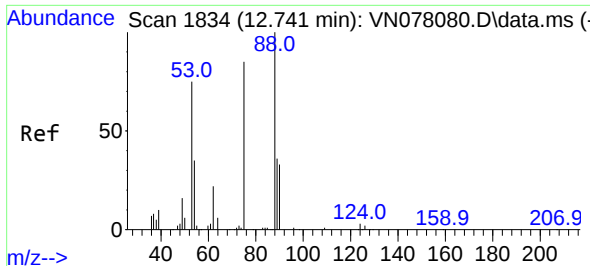
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.767 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

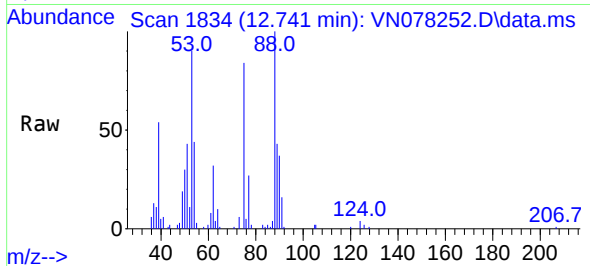
Tgt Ion:105 Resp: 311881
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.211 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

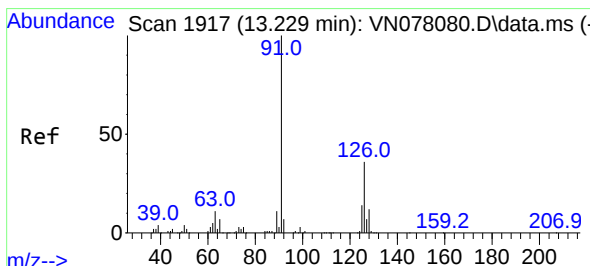
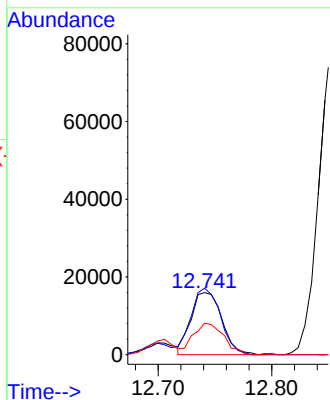
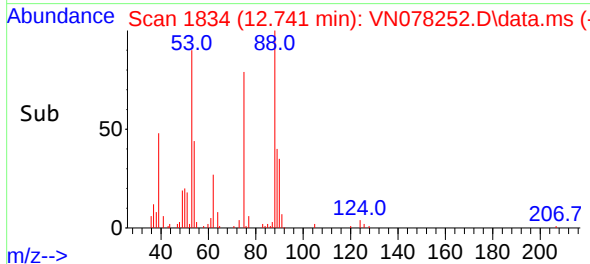
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



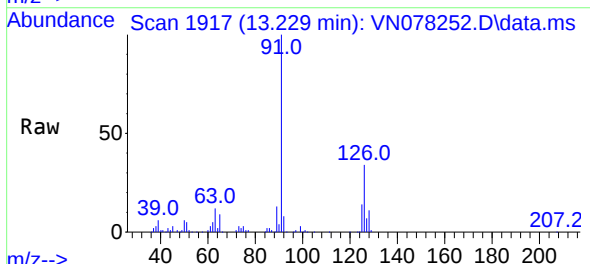
Tgt Ion: 75 Resp: 30364
Ion Ratio Lower Upper
75 100
53 103.3 67.4 101.2
89 50.0 38.8 58.2

Manual Integrations
APPROVED

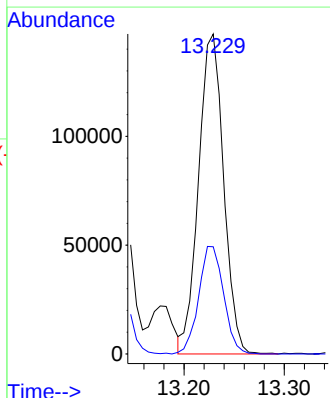
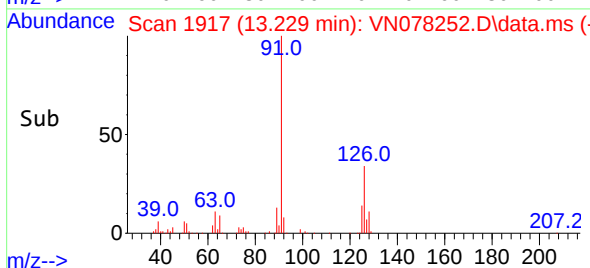
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

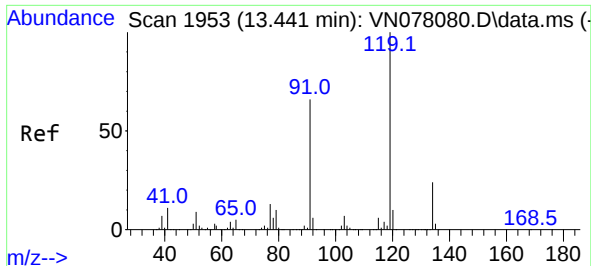


#82
4-Chlorotoluene
Concen: 18.022 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



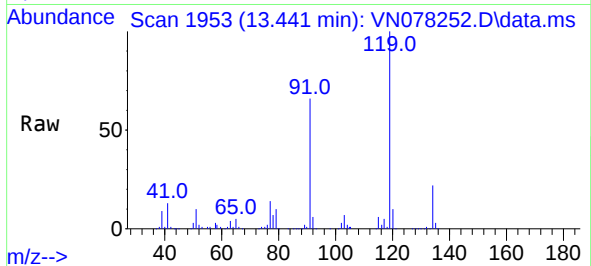
Tgt Ion: 91 Resp: 255756
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 16.557 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

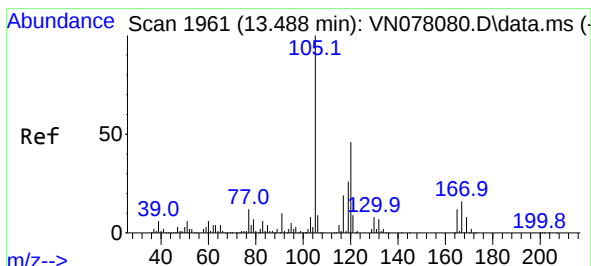
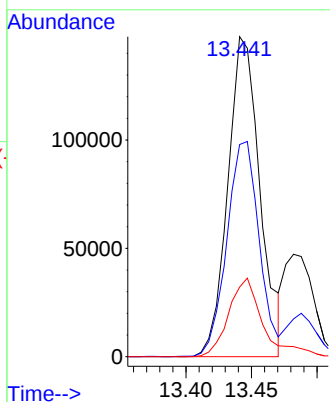
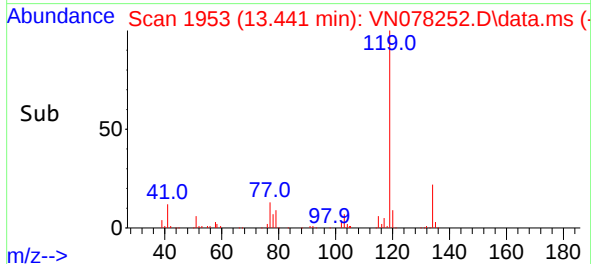
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



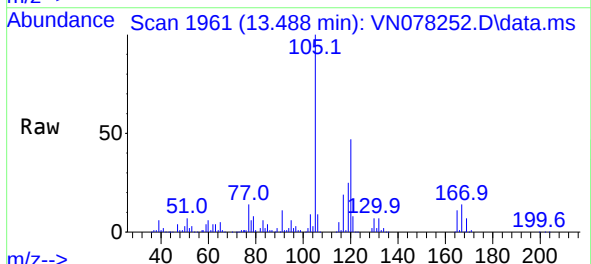
Tgt Ion:119 Resp: 25263
Ion Ratio Lower Upper
119 100
91 67.5 33.9 101.7
134 26.2 13.2 39.6

Manual Integrations
APPROVED

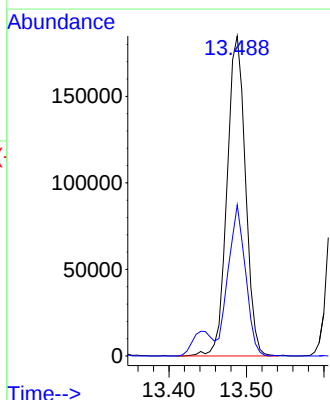
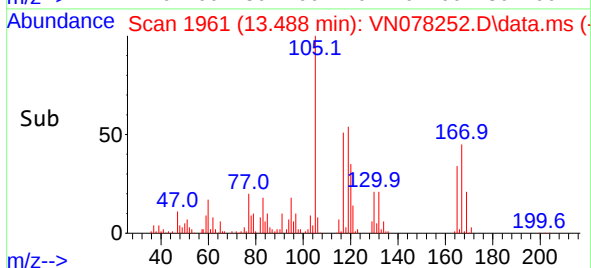
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

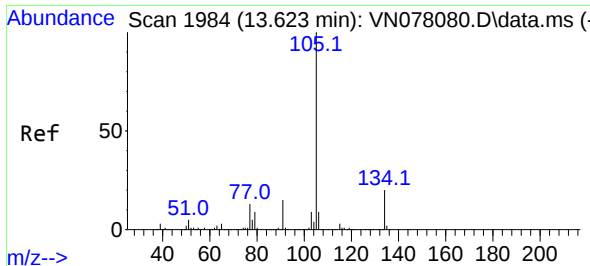


#84
1,2,4-Trimethylbenzene
Concen: 17.949 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



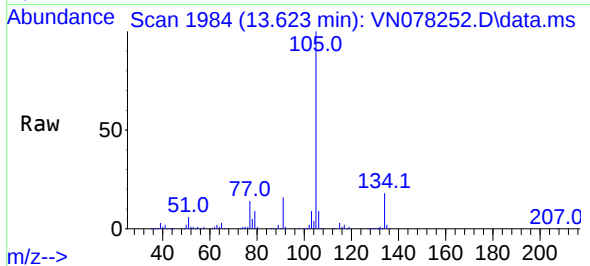
Tgt Ion:105 Resp: 305463
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 16.539 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078252.D
 Acq: 16 Jun 2023 12:02

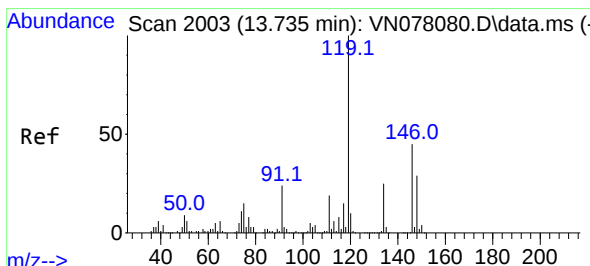
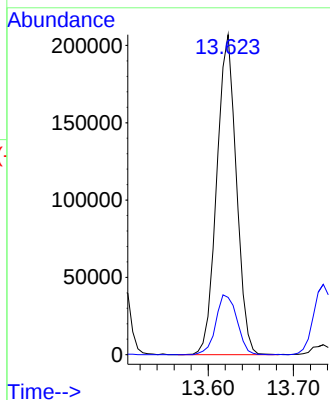
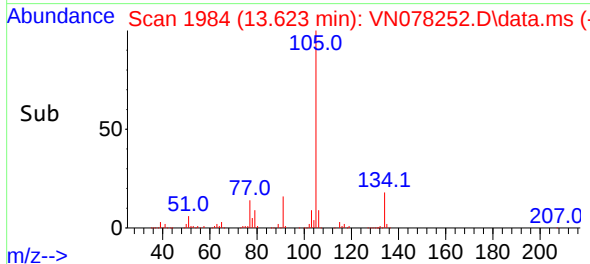
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01



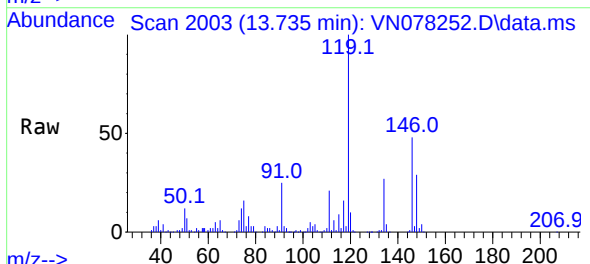
Tgt Ion:105 Resp: 330308
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
 APPROVED

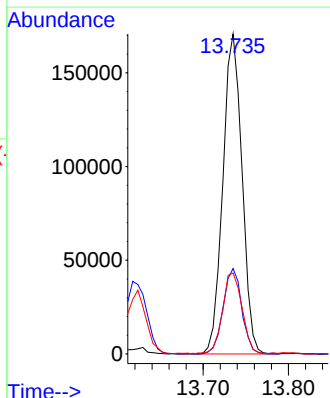
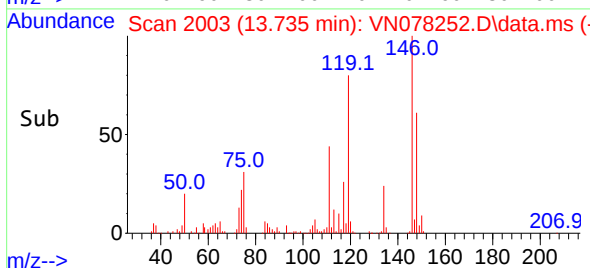
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

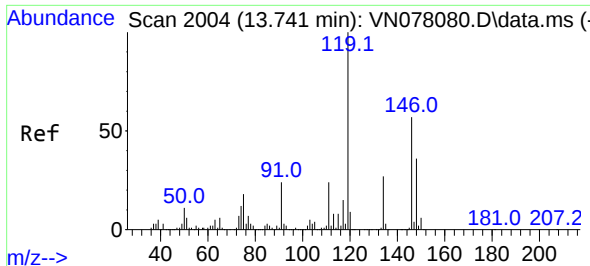


#86
 p-Isopropyltoluene
 Concen: 16.446 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078252.D
 Acq: 16 Jun 2023 12:02



Tgt Ion:119 Resp: 266538
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 25.9 12.4 37.2





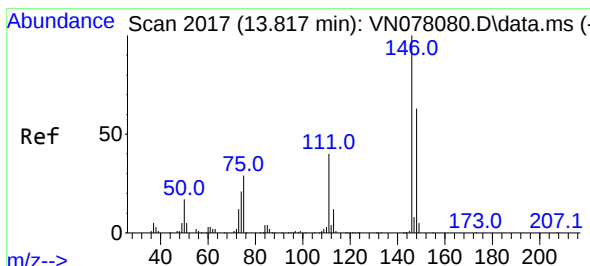
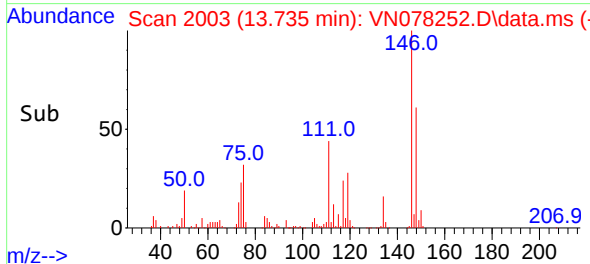
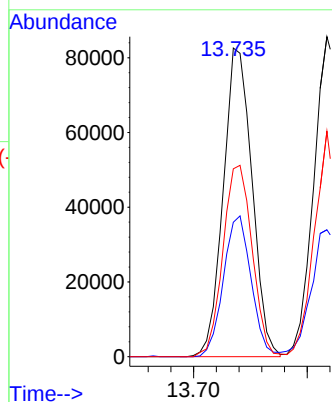
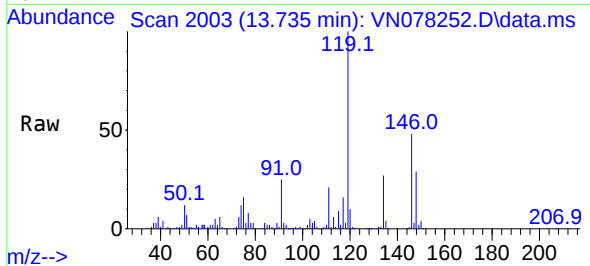
#87
1,3-Dichlorobenzene
Concen: 17.070 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion:146 Resp: 145320
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.3
148 63.0 32.0 96.0

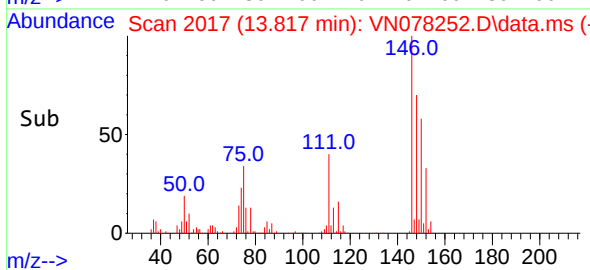
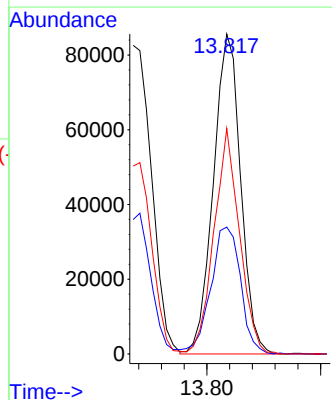
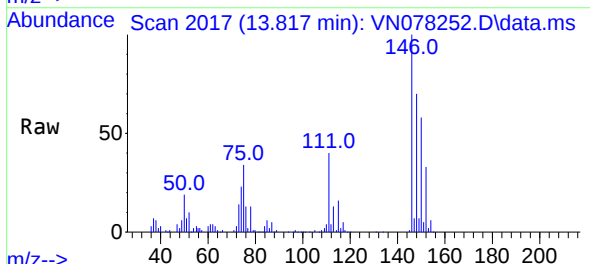
Manual Integrations
APPROVED

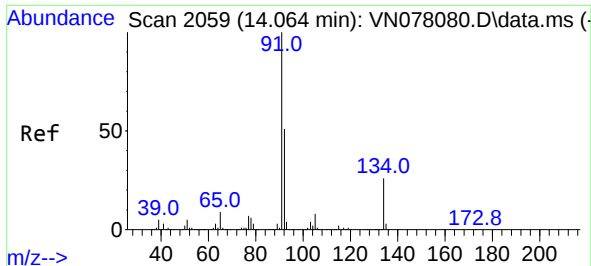
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#88
1,4-Dichlorobenzene
Concen: 17.368 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Tgt Ion:146 Resp: 142676
Ion Ratio Lower Upper
146 100
111 43.4 20.6 61.8
148 65.8 31.6 94.8





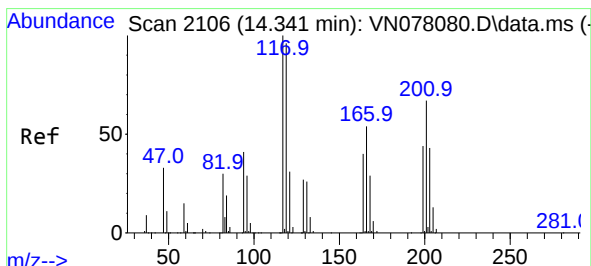
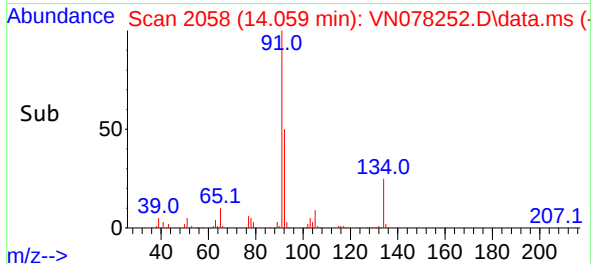
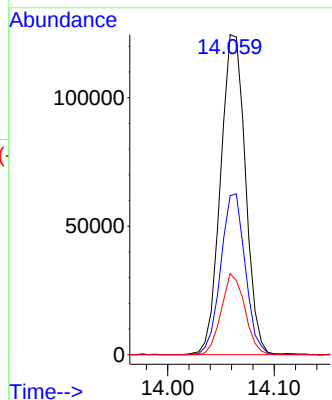
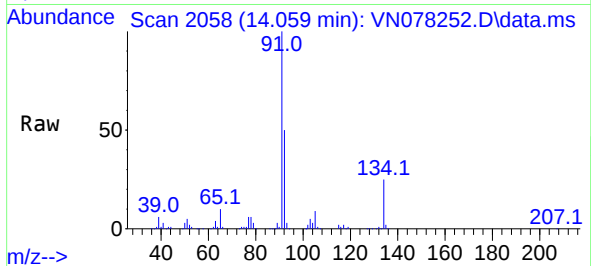
#89
n-Butylbenzene
Concen: 15.805 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 91 Resp: 202044
Ion Ratio Lower Upper
91 100
92 49.6 26.4 79.0
134 23.9 12.6 37.6

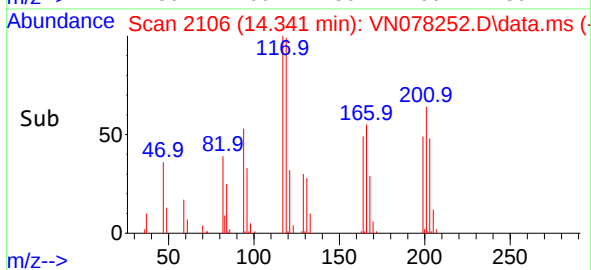
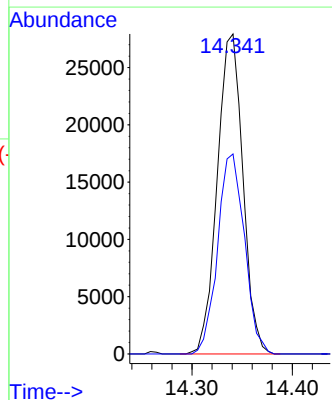
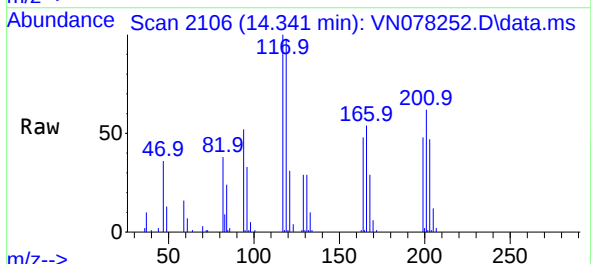
Manual Integrations
APPROVED

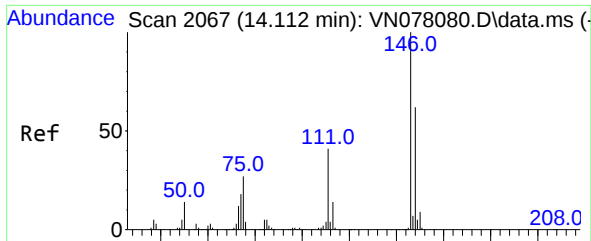
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#90
Hexachloroethane
Concen: 17.226 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

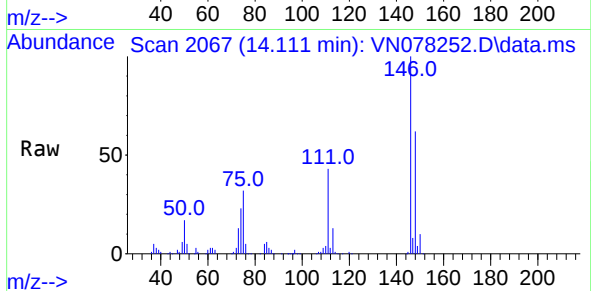
Tgt Ion:117 Resp: 49545
Ion Ratio Lower Upper
117 100
201 65.5 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.038 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

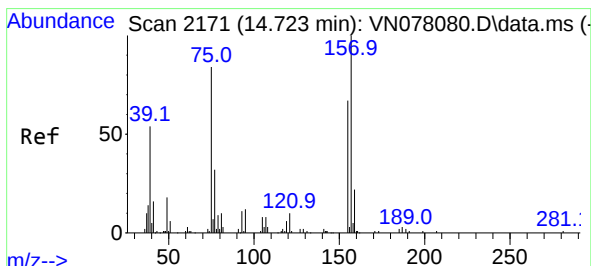
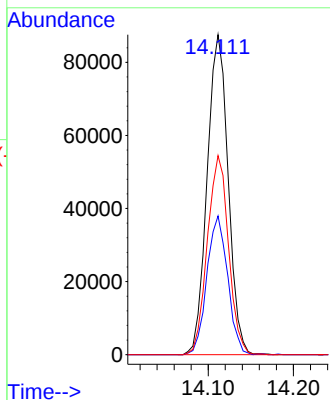
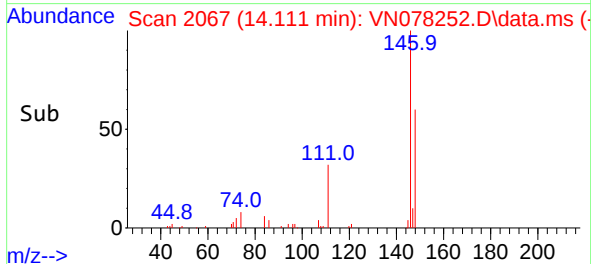
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



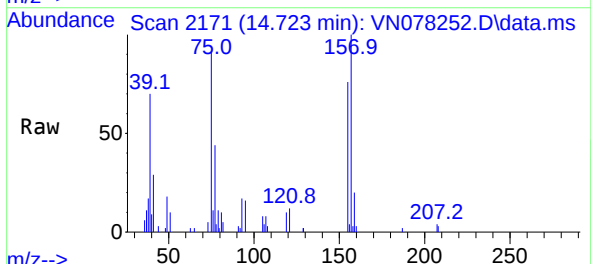
Tgt Ion:146 Resp: 150084
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 62.7 31.8 95.3

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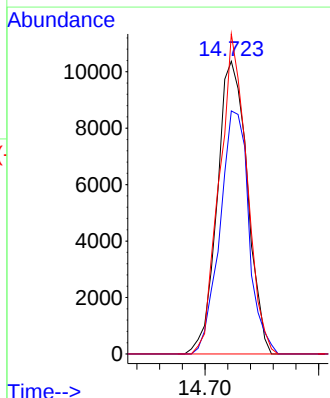
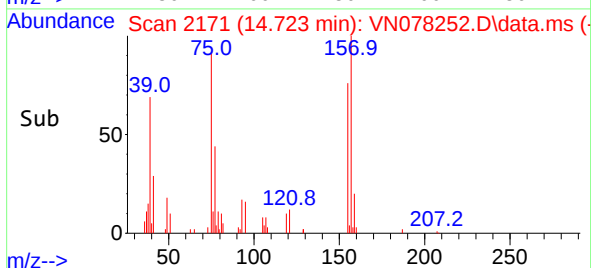
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

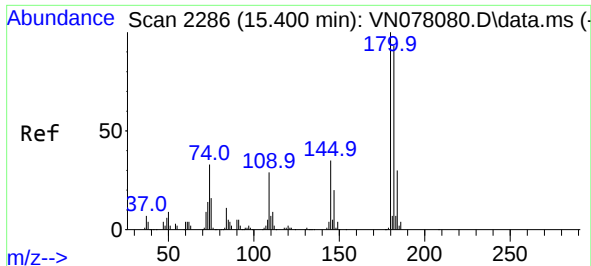


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.799 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



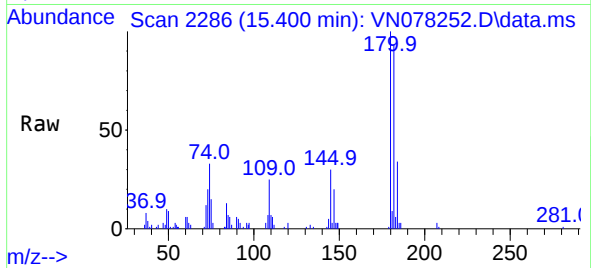
Tgt Ion: 75 Resp: 19115
Ion Ratio Lower Upper
75 100
155 79.6 39.1 117.2
157 99.4 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 13.753 ug/l
RT: 15.400 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

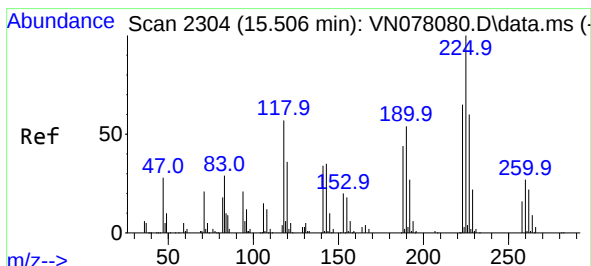
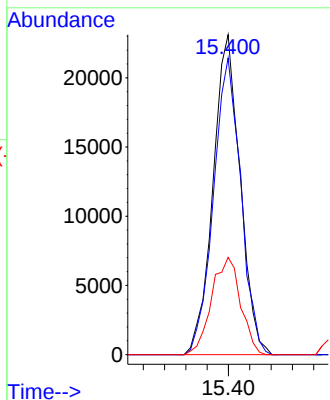
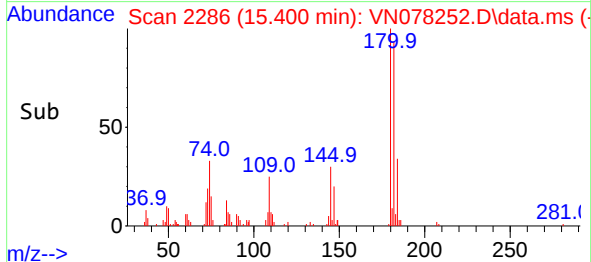
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



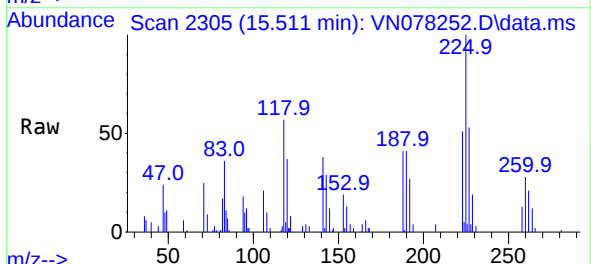
Tgt Ion:180 Resp: 40770
Ion Ratio Lower Upper
180 100
182 93.7 46.1 138.2
145 32.5 16.6 49.8

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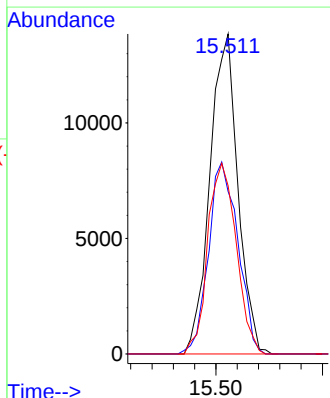
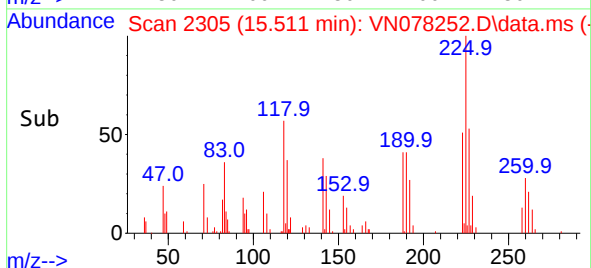
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

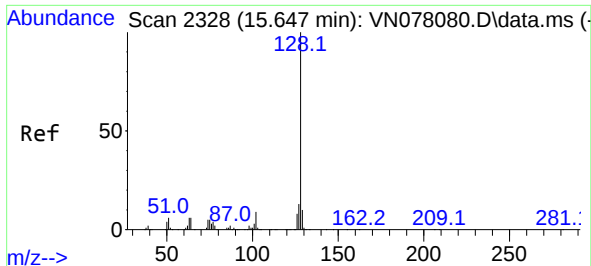


#94
Hexachlorobutadiene
Concen: 15.524 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



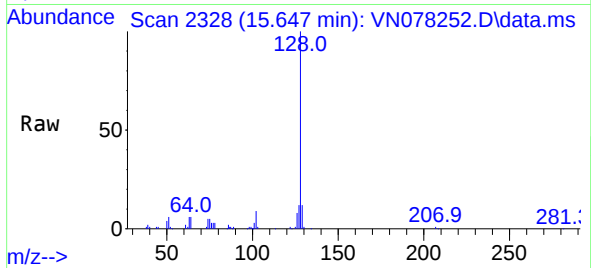
Tgt Ion:225 Resp: 25242
Ion Ratio Lower Upper
225 100
223 63.2 31.3 93.8
227 60.9 31.9 95.9





#95
Naphthalene
Concen: 13.167 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02

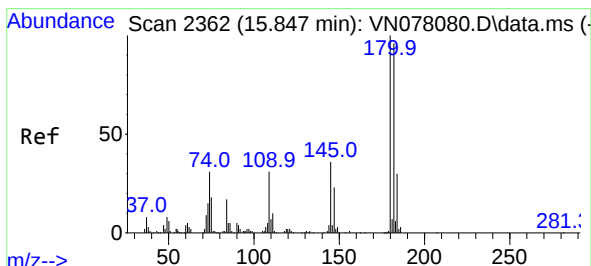
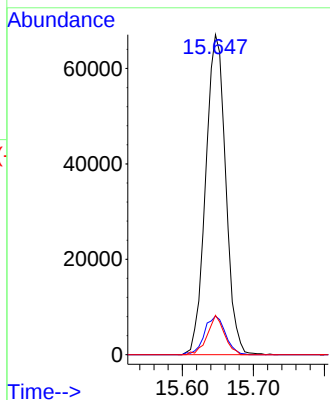
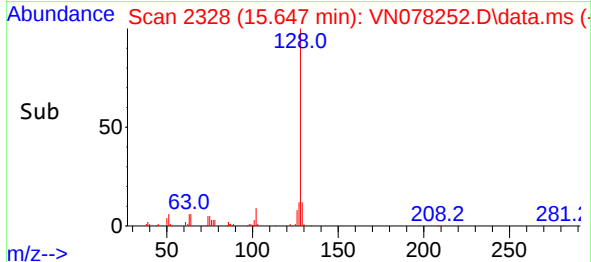
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



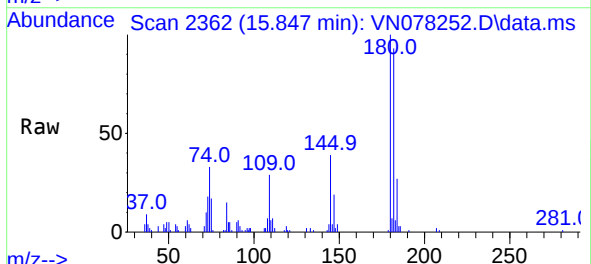
Tgt Ion:128 Resp: 131290
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 14.661 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078252.D
Acq: 16 Jun 2023 12:02



Tgt Ion:180 Resp: 48611
Ion Ratio Lower Upper
180 100
182 94.1 46.2 138.6
145 33.7 17.5 52.6

