

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078161.D
 Acq On : 12 Jun 2023 13:05
 Operator : JC\MD
 Sample : VN0612WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2023
 Supervised By : Mahesh Dadoda 06/13/2023

Quant Time: Jun 13 01:30:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	390431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	694488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	600880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	227572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	269417	51.755	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.500%			
35) Dibromofluoromethane	8.177	113	223076	50.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	10.571	98	830263	49.046	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.100%			
62) 4-Bromofluorobenzene	12.853	95	258038	49.032	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	70672	16.013	ug/l	96
3) Chloromethane	2.371	50	78490	17.727	ug/l	99
4) Vinyl Chloride	2.518	62	100495	17.389	ug/l	98
5) Bromomethane	2.965	94	78728	18.026	ug/l	99
6) Chloroethane	3.130	64	70730	17.954	ug/l	98
7) Trichlorofluoromethane	3.506	101	134013	17.100	ug/l	92
8) Diethyl Ether	3.971	74	45991	16.702	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.377	101	75726	18.309	ug/l	99
10) Methyl Iodide	4.595	142	97350	16.644	ug/l	96
11) Tert butyl alcohol	5.530	59	68902	95.858	ug/l	98
12) 1,1-Dichloroethene	4.348	96	70996	16.652	ug/l	97
13) Acrolein	4.189	56	68248	86.150	ug/l	98
14) Allyl chloride	5.036	41	96175	18.479	ug/l	91
15) Acrylonitrile	5.730	53	179225	96.713	ug/l	99
16) Acetone	4.442	43	157299	104.980	ug/l	95
17) Carbon Disulfide	4.718	76	175857	16.025	ug/l	100
18) Methyl Acetate	5.042	43	129850	18.823	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	246505	18.121	ug/l	95
20) Methylene Chloride	5.283	84	86801	17.530	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	77297	16.809	ug/l #	84
22) Diisopropyl ether	6.677	45	233537	19.076	ug/l	93
23) Vinyl Acetate	6.612	43	694488	95.433	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	148501	18.388	ug/l	96
25) 2-Butanone	7.494	43	230035	99.834	ug/l	89
26) 2,2-Dichloropropane	7.500	77	123123	20.648	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	93105	16.974	ug/l	93
28) Bromochloromethane	7.818	49	80943	21.830	ug/l	86
29) Tetrahydrofuran	7.847	42	149978	97.366	ug/l #	84
30) Chloroform	7.971	83	159638	18.357	ug/l	92
31) Cyclohexane	8.265	56	121854	18.248	ug/l	85
32) 1,1,1-Trichloroethane	8.177	97	140034	18.342	ug/l	98
36) 1,1-Dichloropropene	8.383	75	113305	17.989	ug/l	95
37) Ethyl Acetate	7.571	43	91979	18.693	ug/l	95
38) Carbon Tetrachloride	8.371	117	118771	17.858	ug/l	99
39) Methylcyclohexane	9.606	83	116467	17.843	ug/l	92
40) Benzene	8.612	78	341097	18.140	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	50355	18.880	ug/l	93
42) 1,2-Dichloroethane	8.683	62	124800	19.357	ug/l	98
43) Isopropyl Acetate	8.694	43	162924	17.314	ug/l	95
44) Trichloroethene	9.359	130	87094	17.538	ug/l	95
45) 1,2-Dichloropropane	9.624	63	88061	18.823	ug/l	91
46) Dibromomethane	9.712	93	62230	18.059	ug/l	95
47) Bromodichloromethane	9.894	83	123498	19.293	ug/l	98
48) Methyl methacrylate	9.688	41	78597	19.903	ug/l	89
49) 1,4-Dioxane	9.700	88	34163	411.603	ug/l #	93
51) 4-Methyl-2-Pentanone	10.453	43	493839	99.659	ug/l	92
52) Toluene	10.635	92	216289	18.218	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	127593	19.140	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	139349	18.910	ug/l	90
55) 1,1,2-Trichloroethane	11.024	97	87761	19.541	ug/l	94
56) Ethyl methacrylate	10.882	69	116900	17.876	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	145635	19.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	258470	97.840	ug/l	91
59) 2-Hexanone	11.200	43	343659	99.602	ug/l	91
60) Dibromochloromethane	11.365	129	92839	18.891	ug/l	100
61) 1,2-Dibromoethane	11.477	107	87808	18.630	ug/l	99
64) Tetrachloroethene	11.106	164	74572	18.603	ug/l	96
65) Chlorobenzene	11.900	112	225265	17.506	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	86667	18.312	ug/l	97
67) Ethyl Benzene	11.971	91	392076	17.658	ug/l	99
68) m/p-Xylenes	12.076	106	296869	35.083	ug/l	93
69) o-Xylene	12.406	106	147884	17.796	ug/l	95
70) Styrene	12.418	104	232817	17.797	ug/l	98
71) Bromoform	12.582	173	55922	18.309	ug/l #	100
73) Isopropylbenzene	12.700	105	374940	17.423	ug/l	100
74) N-amyl acetate	12.500	43	124344	17.546	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	122165	19.129	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	98853m	18.375	ug/l	
77) Bromobenzene	12.988	156	84026	16.820	ug/l	99
78) n-propylbenzene	13.041	91	417826	17.870	ug/l	98
79) 2-Chlorotoluene	13.129	91	266180	17.637	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	304619	17.484	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	36597	20.900	ug/l	94
82) 4-Chlorotoluene	13.223	91	243808	17.309	ug/l	99
83) tert-Butylbenzene	13.447	119	255519	16.871	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	300592	17.795	ug/l	99
85) sec-Butylbenzene	13.623	105	342871	17.297	ug/l	100
86) p-Isopropyltoluene	13.735	119	273307	16.990	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	143845	17.023	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	140119	17.184	ug/l	98
89) n-Butylbenzene	14.059	91	210766	16.611	ug/l	97
90) Hexachloroethane	14.335	117	51765	18.133	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	145465	17.614	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20531	19.261	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	46316	15.741	ug/l	97
94) Hexachlorobutadiene	15.506	225	26492	16.577	ug/l	94
95) Naphthalene	15.641	128	140949	14.241	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	52940	16.087	ug/l	97

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QLast Update : Wed Jun 07 05:05:00 2023
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

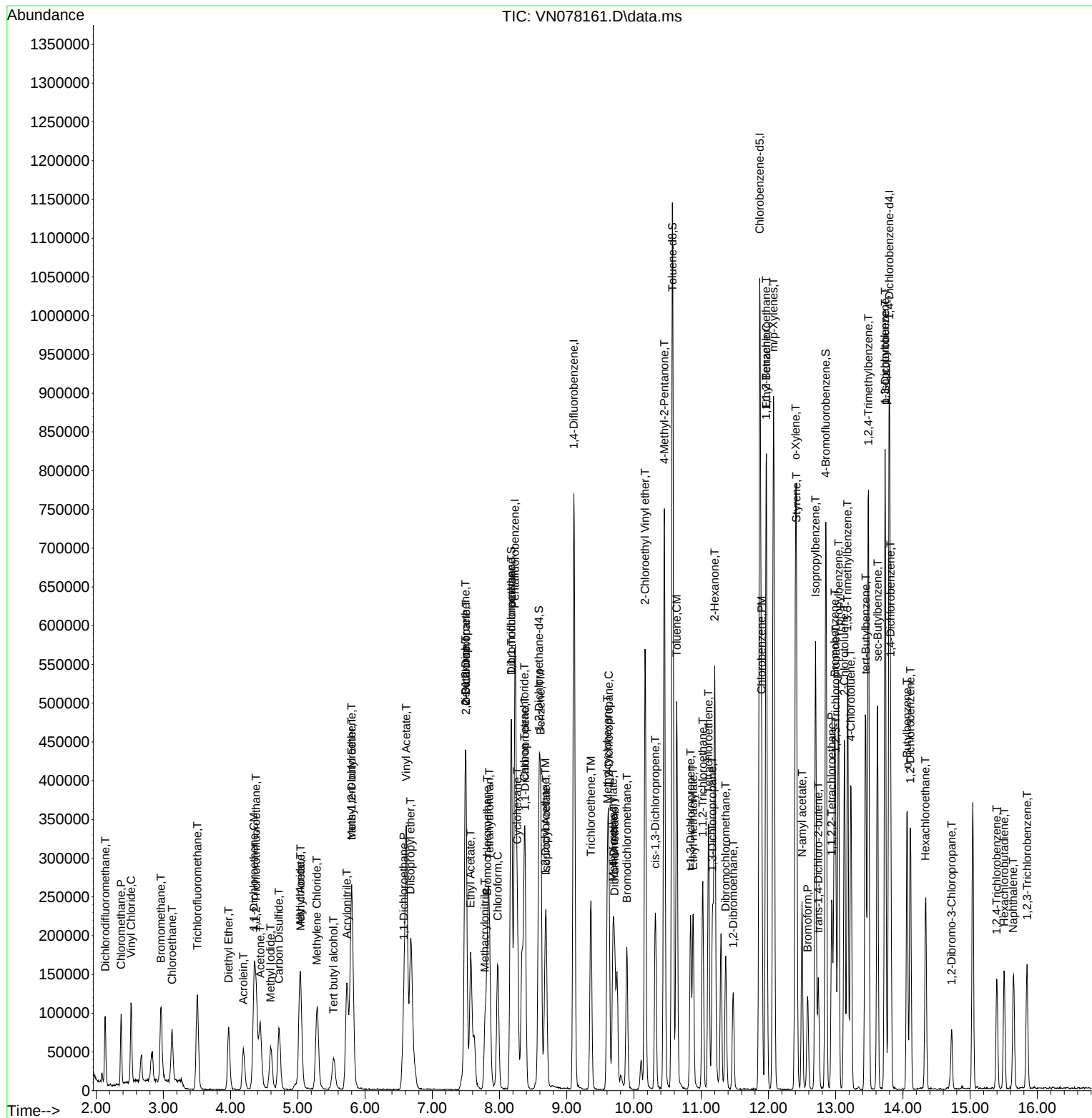
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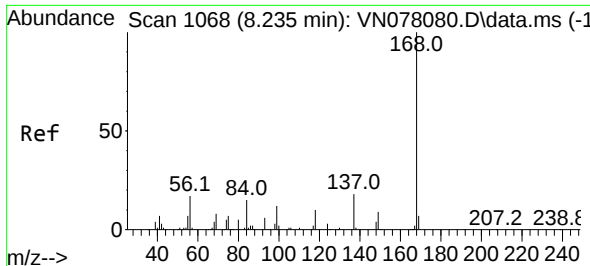
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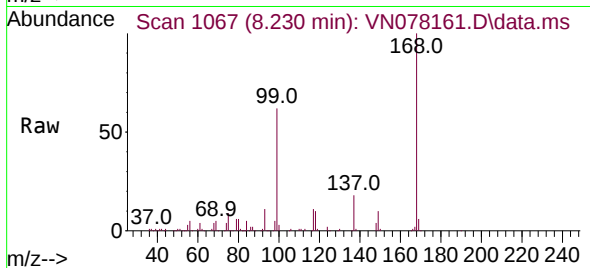
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN078161.D
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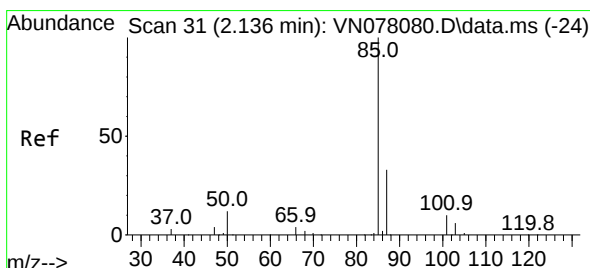
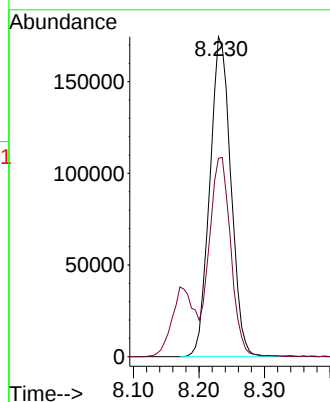
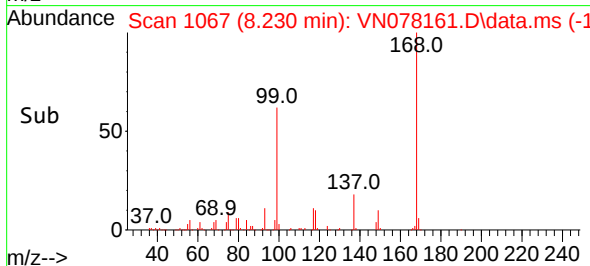
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 39043
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6

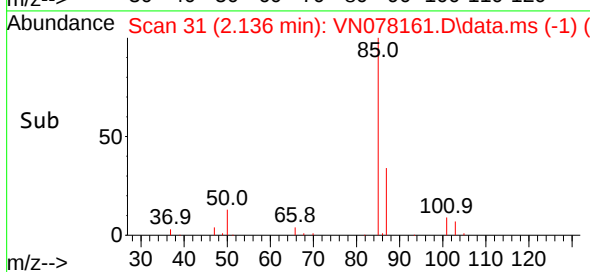
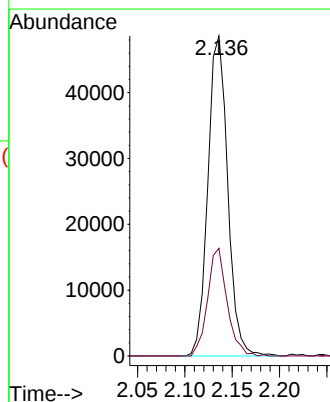
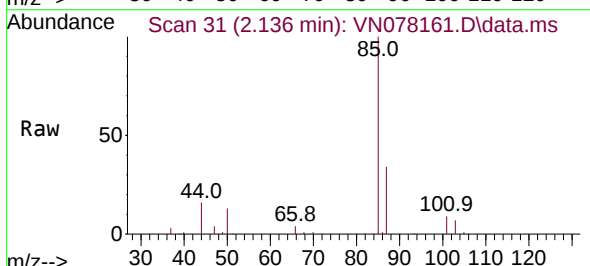
Manual Integrations
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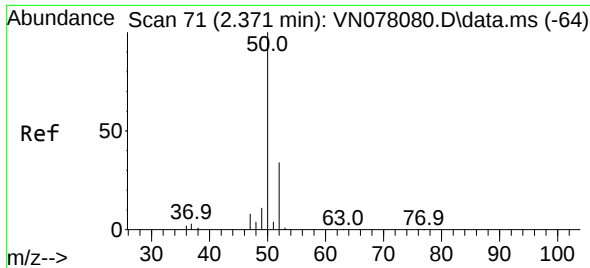
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#2
Dichlorodifluoromethane
Concen: 16.013 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

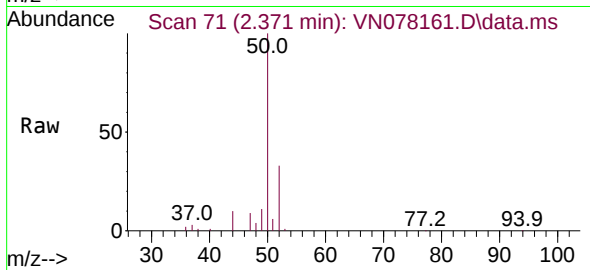
Tgt Ion: 85 Resp: 70672
Ion Ratio Lower Upper
85 100
87 33.7 15.8 47.4





#3
Chloromethane
Concen: 17.727 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

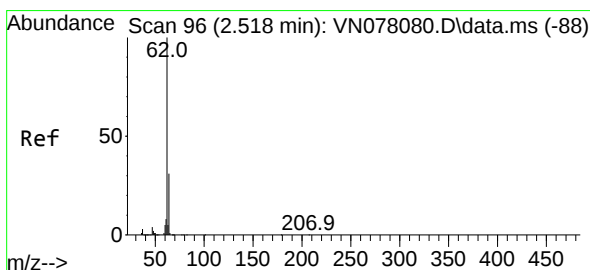
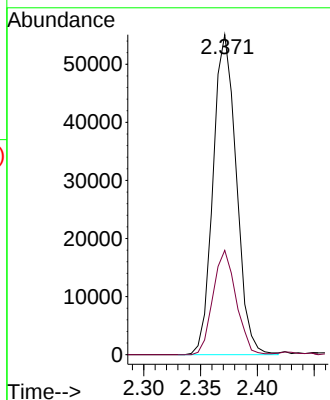
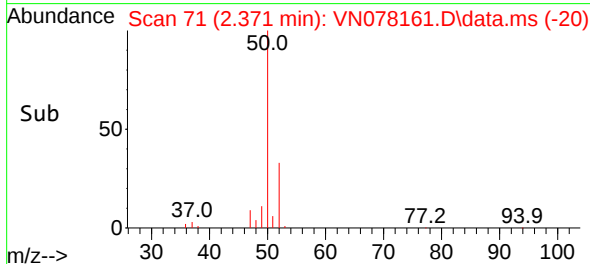
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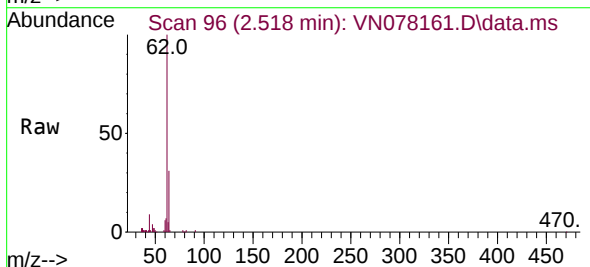
Tgt Ion: 50 Resp: 78490
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

Manual Integrations
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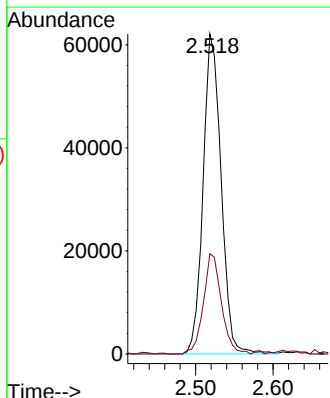
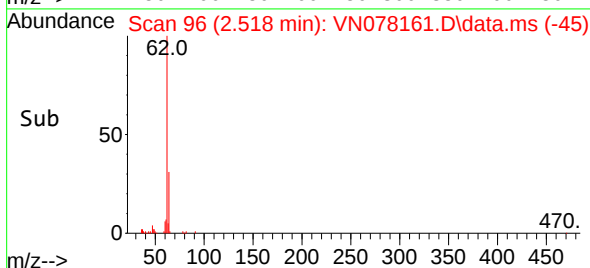
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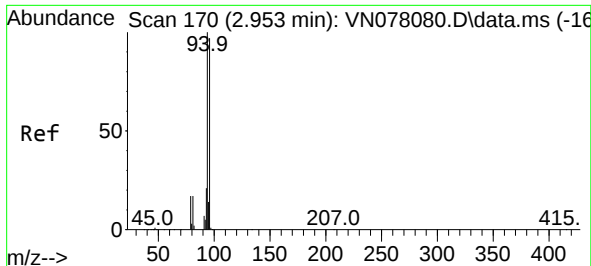


#4
Vinyl Chloride
Concen: 17.389 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05



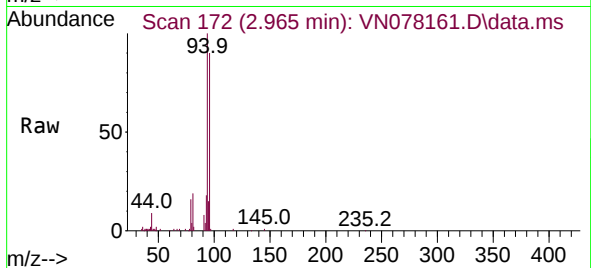
Tgt Ion: 62 Resp: 100495
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2





#5
Bromomethane
Concen: 18.026 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

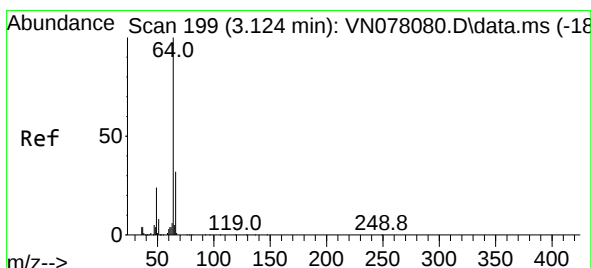
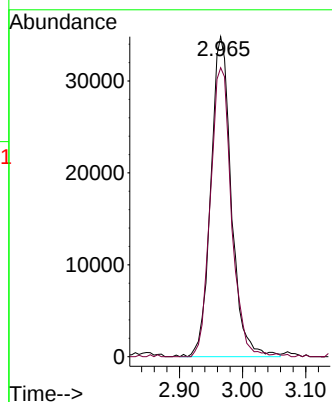
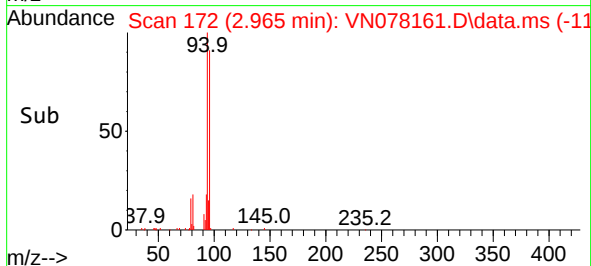
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Tgt Ion: 94 Resp: 78728
Ion Ratio Lower Upper
94 100
96 90.3 73.1 109.7

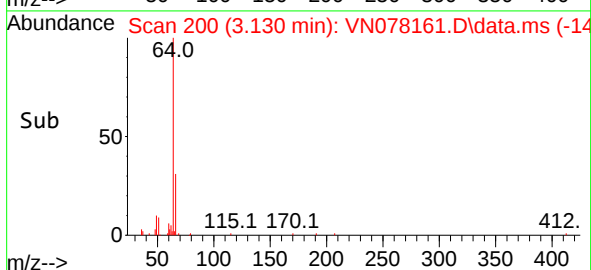
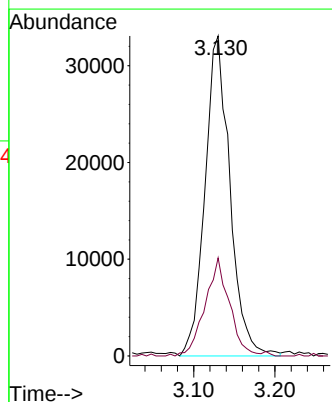
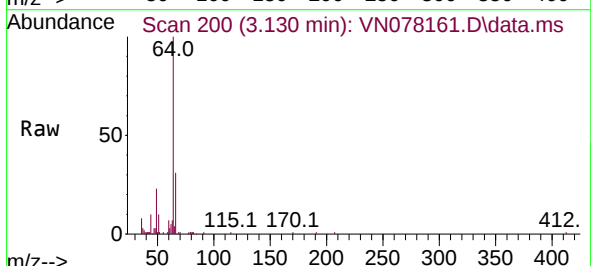
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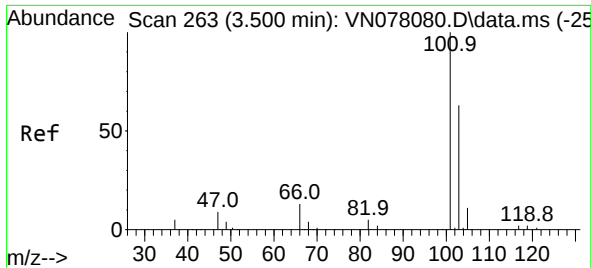
Reviewed By :John Carlone 06/13/2023
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#6
Chloroethane
Concen: 17.954 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

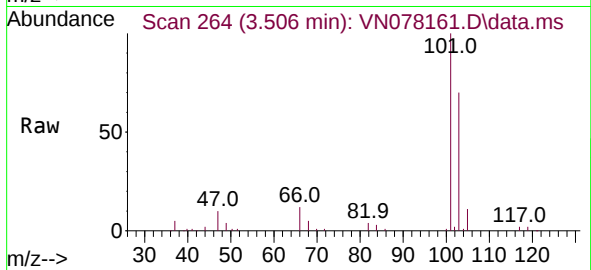
Tgt Ion: 64 Resp: 70730
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 17.100 ug/l
 RT: 3.506 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN078161.D
 Acq: 12 Jun 2023 13:05

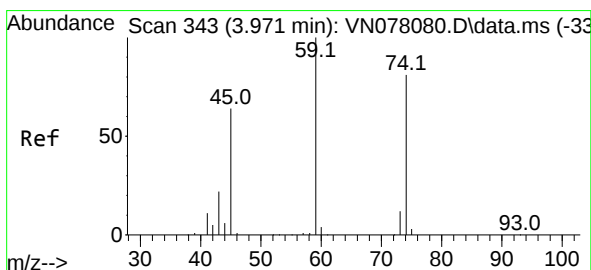
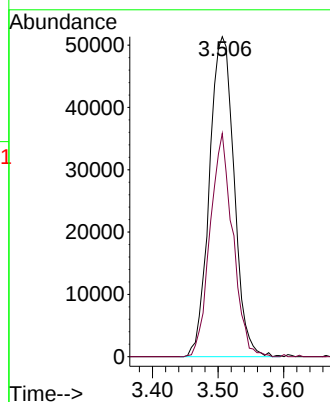
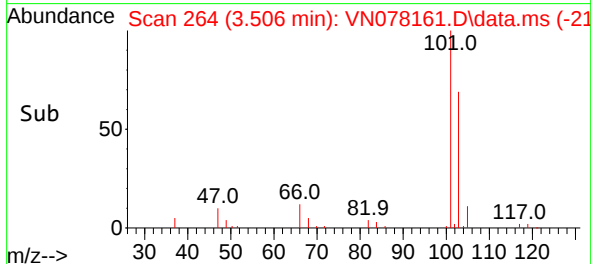
Instrument :
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Tgt Ion:101 Resp: 13401
 Ion Ratio Lower Upper
 101 100
 103 69.7 50.7 76.1

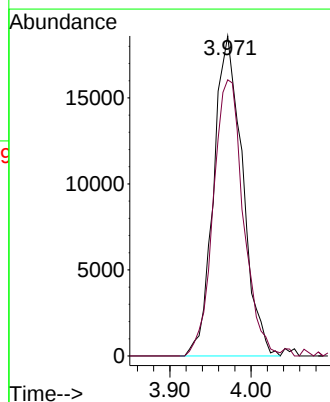
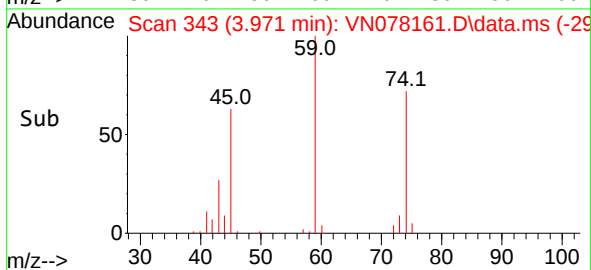
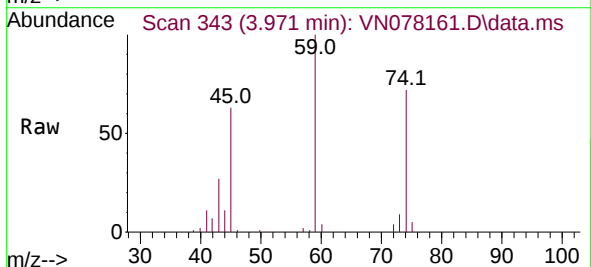
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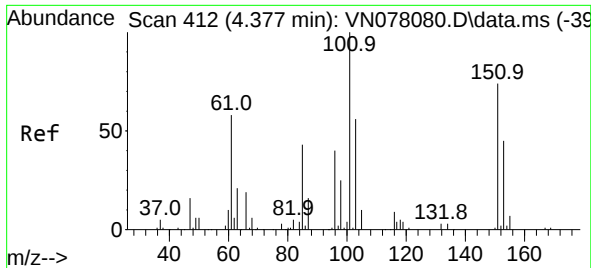
Reviewed By :John Carlone 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023



#8
 Diethyl Ether
 Concen: 16.702 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078161.D
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Tgt Ion: 74 Resp: 45991
 Ion Ratio Lower Upper
 74 100
 45 89.9 34.4 103.3





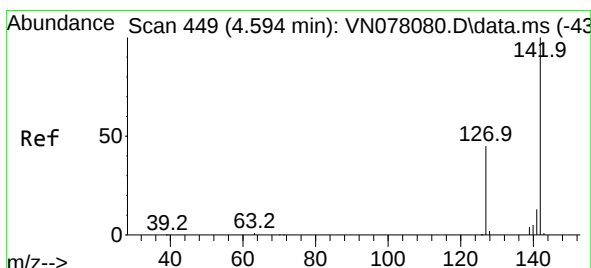
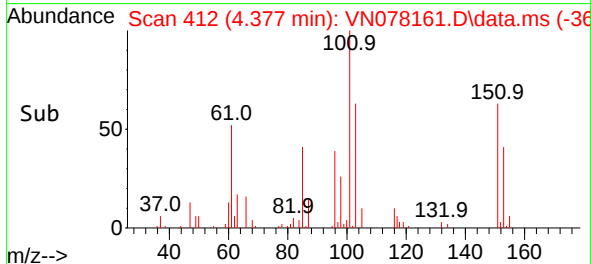
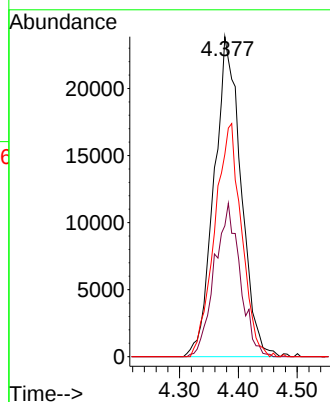
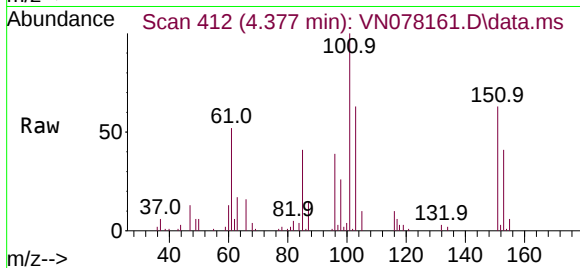
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.309 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion:101 Resp: 75720
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 72.9 57.6 86.4

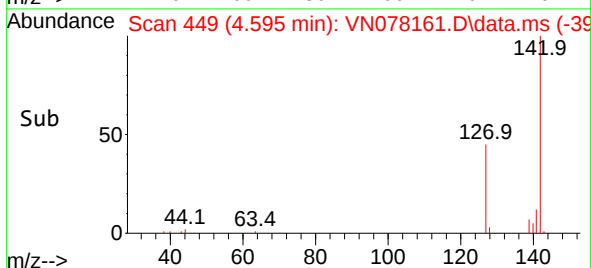
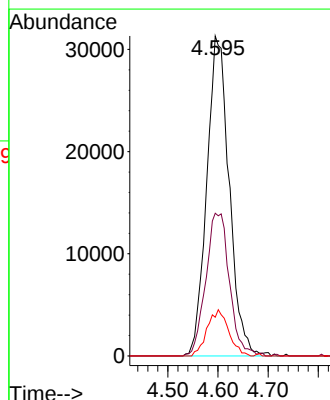
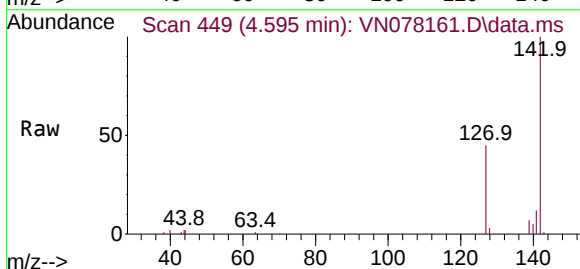
Manual Integrations
APPROVED

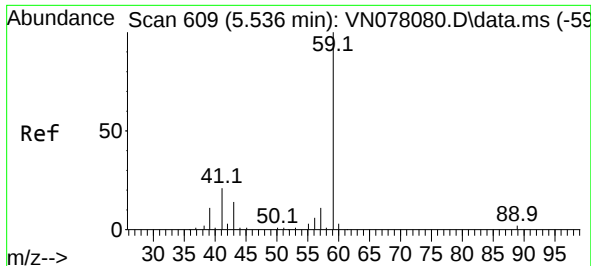
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#10
Methyl Iodide
Concen: 16.644 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

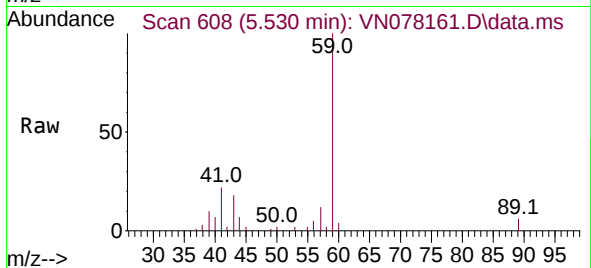
Tgt Ion:142 Resp: 97350
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 12.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 95.858 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

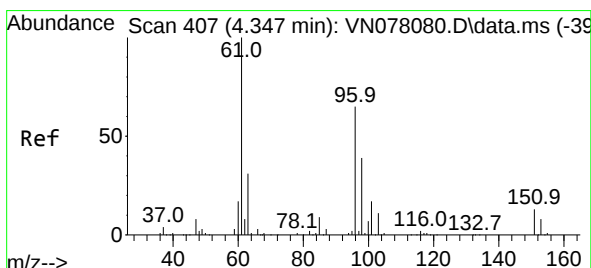
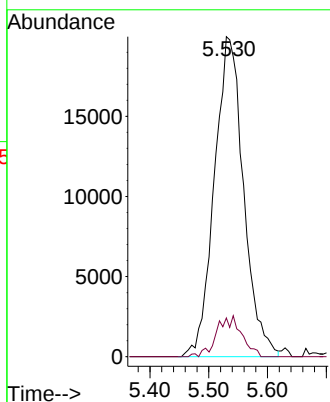
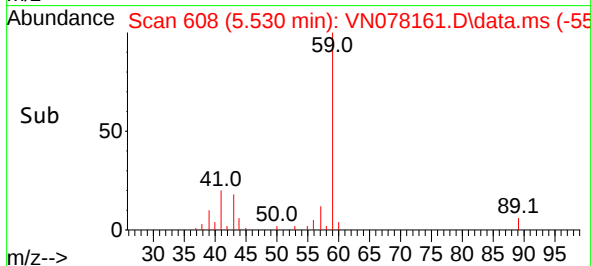
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 59 Resp: 68902
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

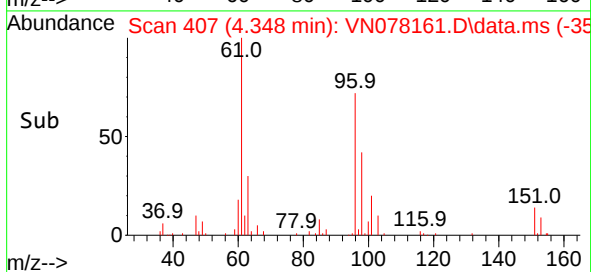
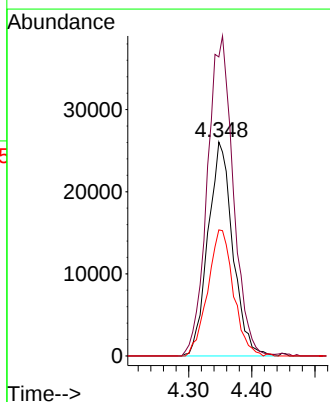
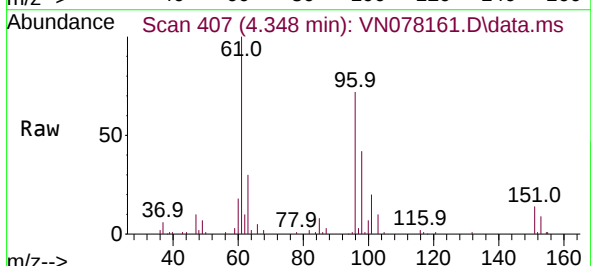
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#12
1,1-Dichloroethene
Concen: 16.652 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

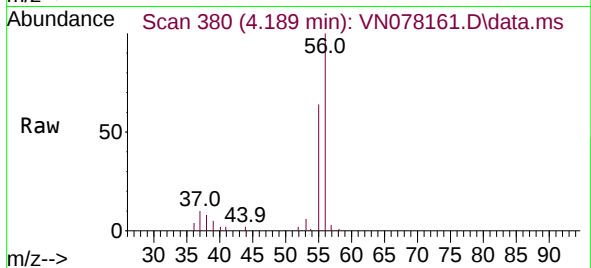
Tgt Ion: 96 Resp: 70996
Ion Ratio Lower Upper
96 100
61 139.8 112.7 169.1
98 58.9 51.2 76.8





#13
Acrolein
Concen: 86.150 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

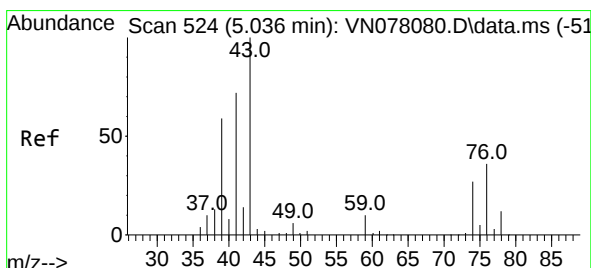
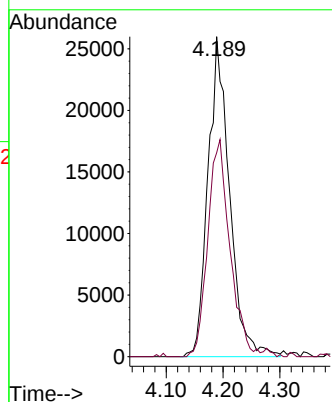
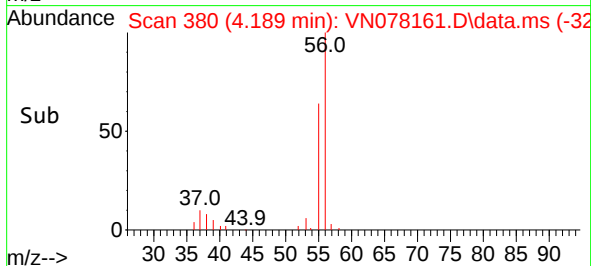
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



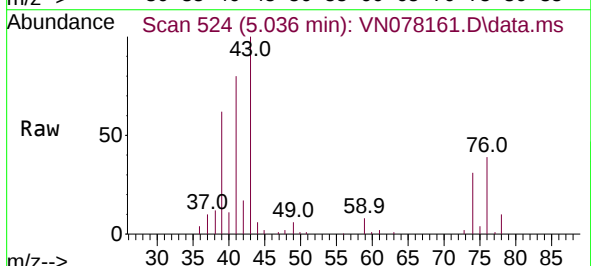
Tgt Ion: 56 Resp: 6824
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7

Manual Integrations
APPROVED

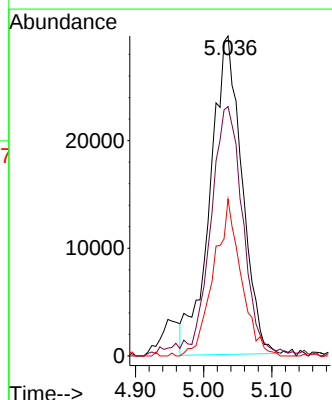
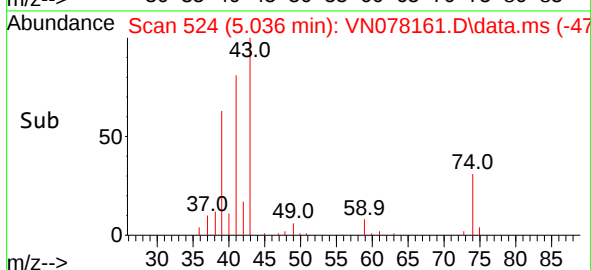
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

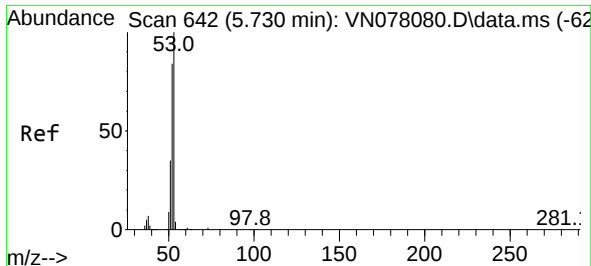


#14
Allyl chloride
Concen: 18.479 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05



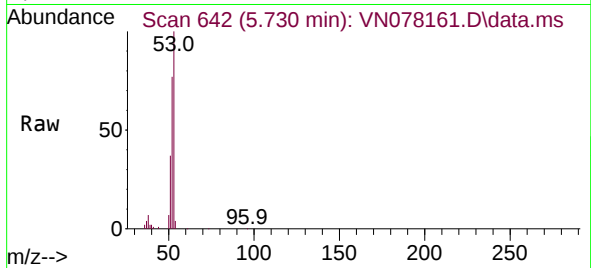
Tgt Ion: 41 Resp: 96175
Ion Ratio Lower Upper
41 100
39 81.3 58.8 88.2
76 42.5 39.1 58.7





#15
Acrylonitrile
Concen: 96.713 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

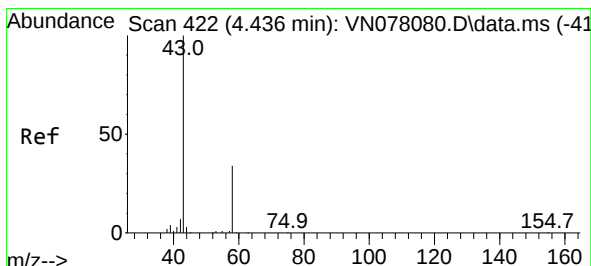
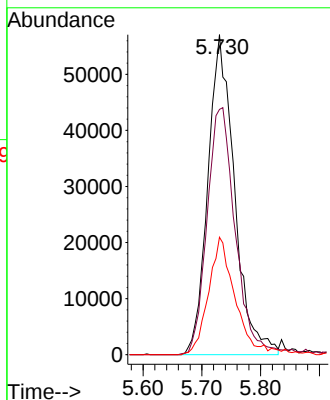
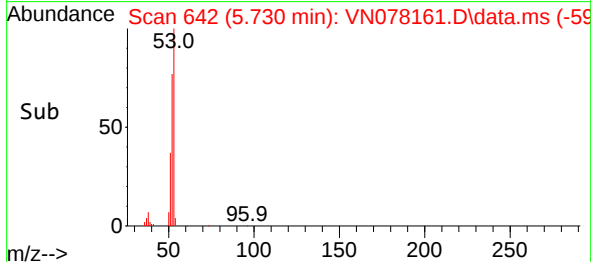
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 53 Resp: 179225
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 37.3 28.9 43.3

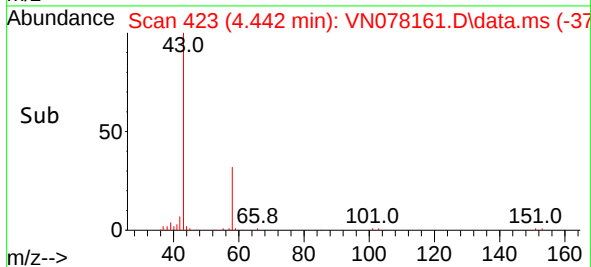
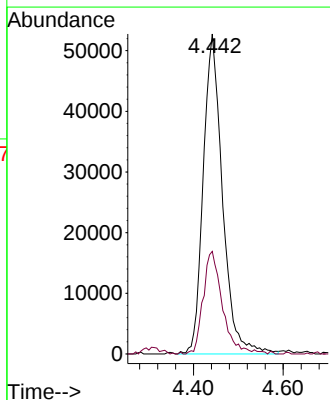
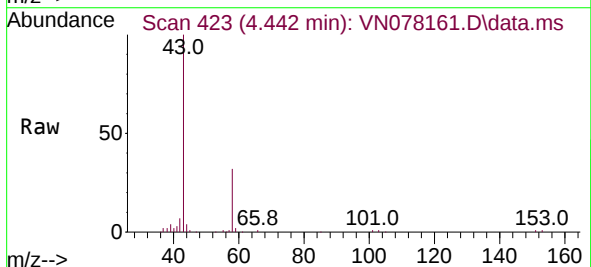
Manual Integrations
APPROVED

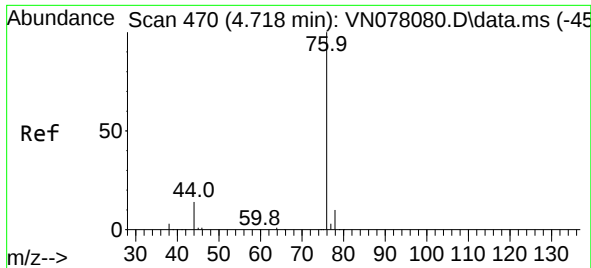
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#16
Acetone
Concen: 104.980 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion: 43 Resp: 157299
Ion Ratio Lower Upper
43 100
58 32.1 28.0 42.0





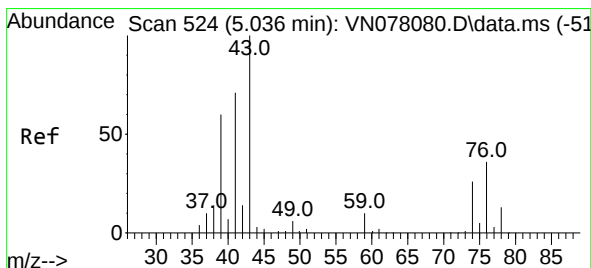
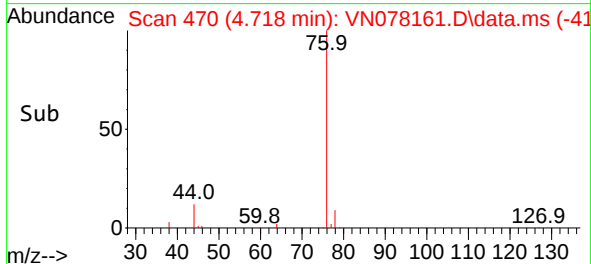
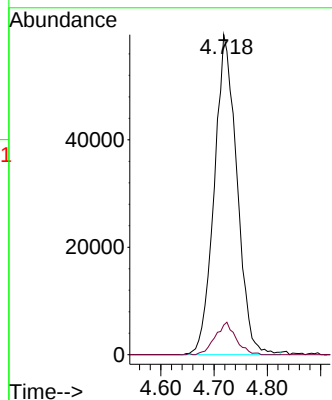
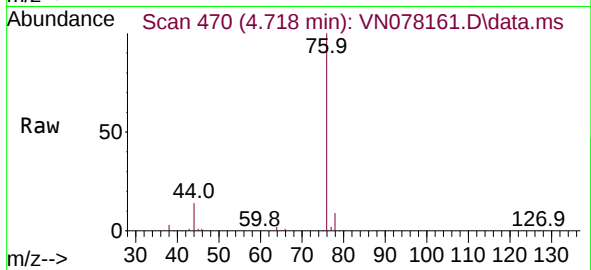
#17
Carbon Disulfide
Concen: 16.025 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion: 76 Resp: 17585
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

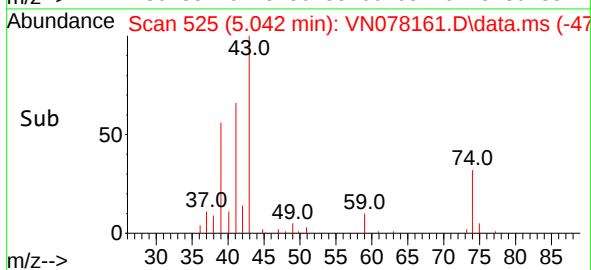
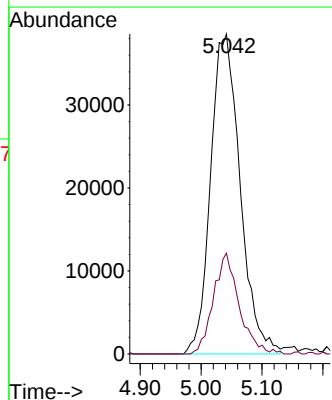
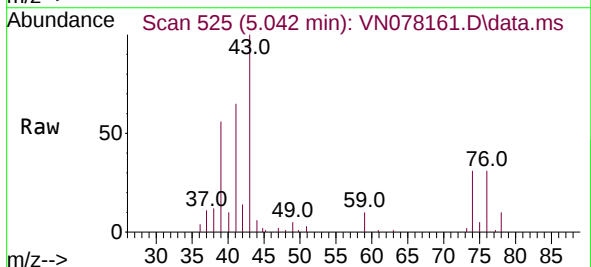
Manual Integrations
APPROVED

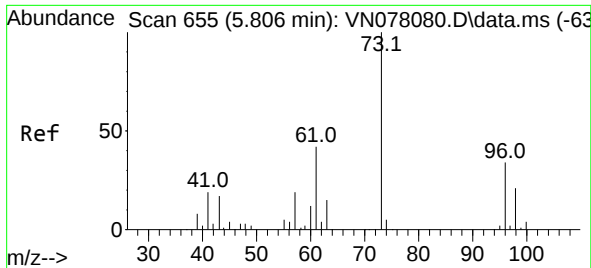
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#18
Methyl Acetate
Concen: 18.823 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion: 43 Resp: 129850
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4





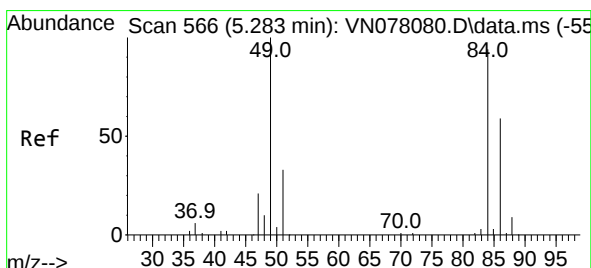
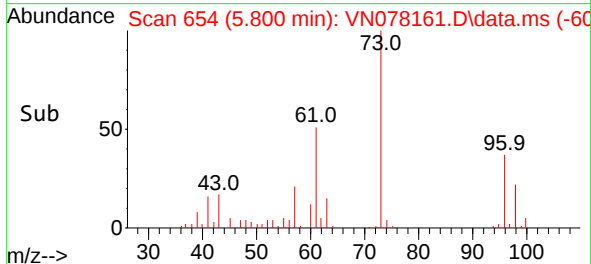
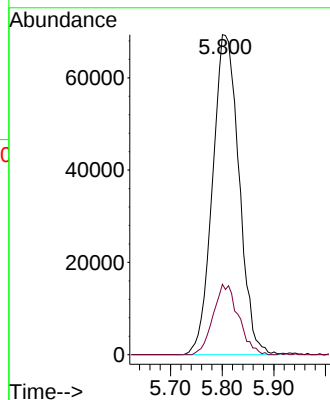
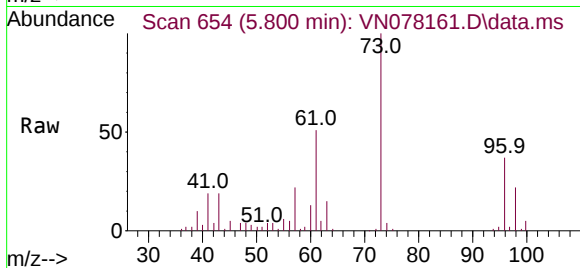
#19
Methyl tert-butyl Ether
Concen: 18.121 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion: 73 Resp: 24650
Ion Ratio Lower Upper
73 100
57 22.0 15.6 23.4

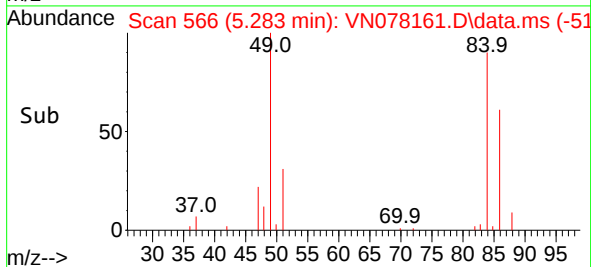
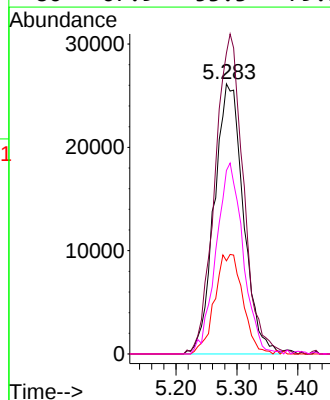
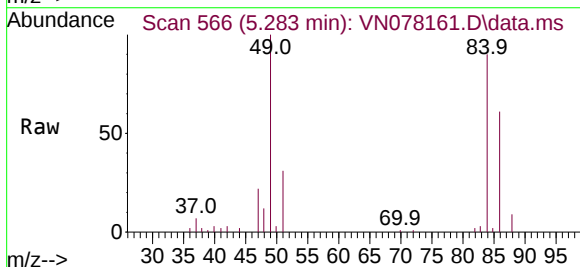
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#20
Methylene Chloride
Concen: 17.530 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

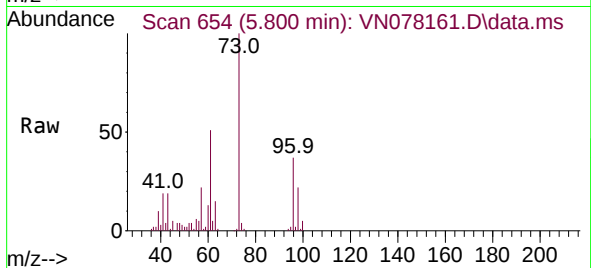
Tgt Ion: 84 Resp: 86801
Ion Ratio Lower Upper
84 100
49 111.4 79.7 119.5
51 34.5 25.2 37.8
86 67.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 16.809 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

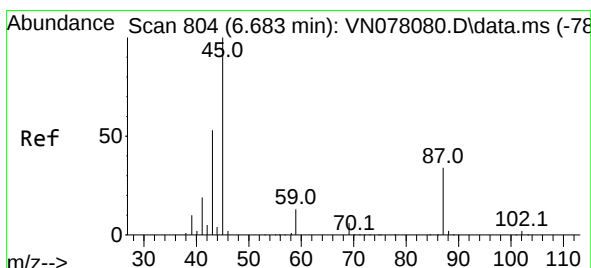
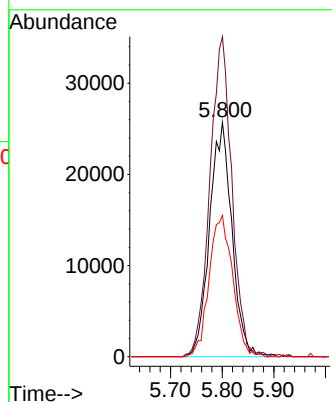
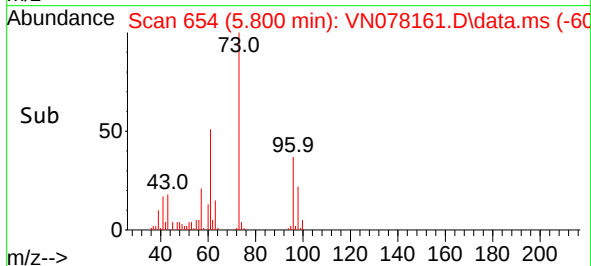
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



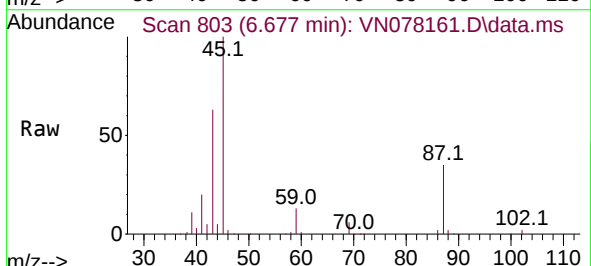
Tgt Ion: 96 Resp: 7729
Ion Ratio Lower Upper
96 100
61 136.5 90.1 135.1
98 60.3 46.4 69.6

Manual Integrations
APPROVED

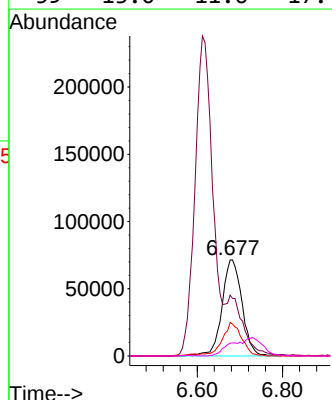
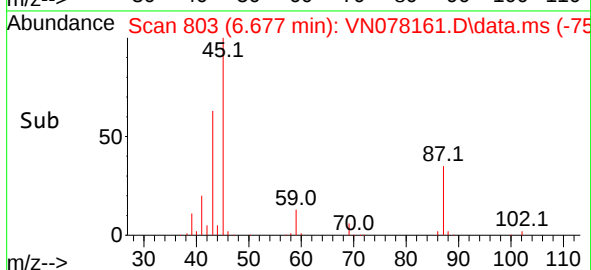
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#22
Diisopropyl ether
Concen: 19.076 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05



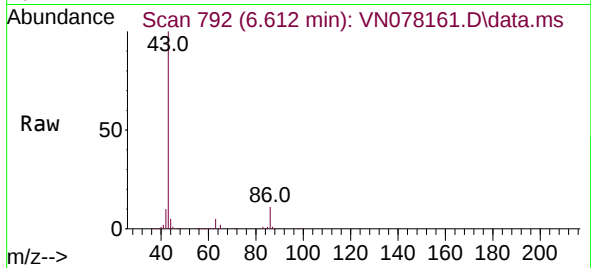
Tgt Ion: 45 Resp: 233537
Ion Ratio Lower Upper
45 100
43 61.7 45.5 68.3
87 34.8 31.8 47.8
59 13.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 95.433 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078161.D
 Acq: 12 Jun 2023 13:05

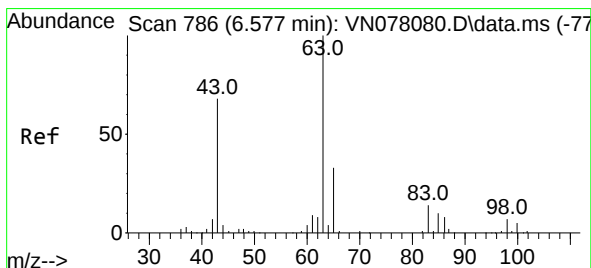
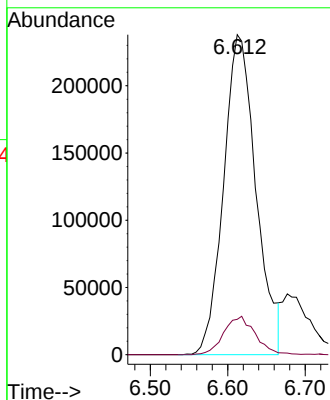
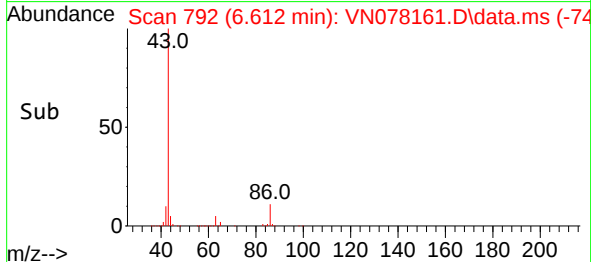
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01



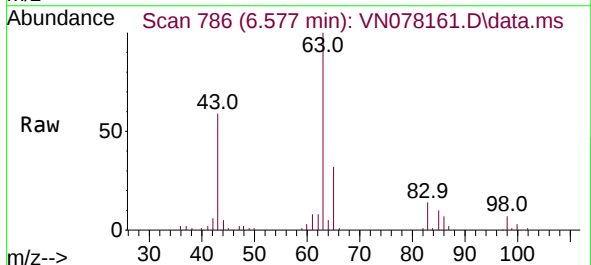
Tgt Ion: 43 Resp: 69448
 Ion Ratio Lower Upper
 43 100
 86 11.1 13.0 19.6

Manual Integrations
 APPROVED

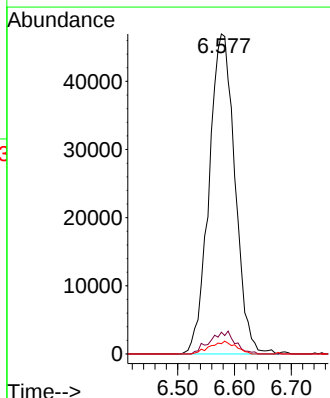
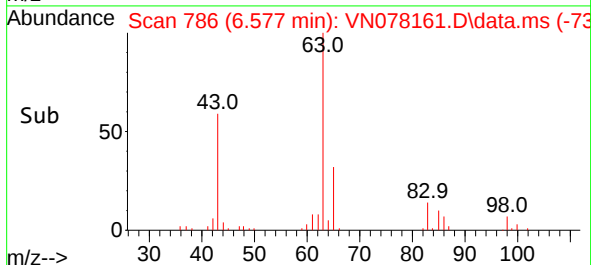
Reviewed By :John Carlone 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023

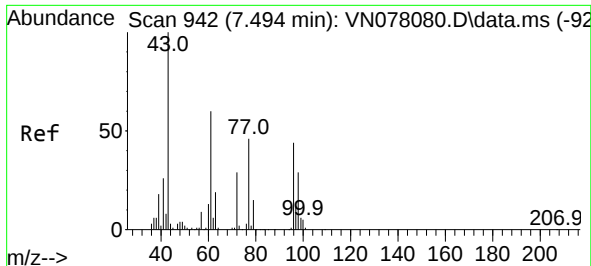


#24
 1,1-Dichloroethane
 Concen: 18.388 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078161.D
 Acq: 12 Jun 2023 13:05



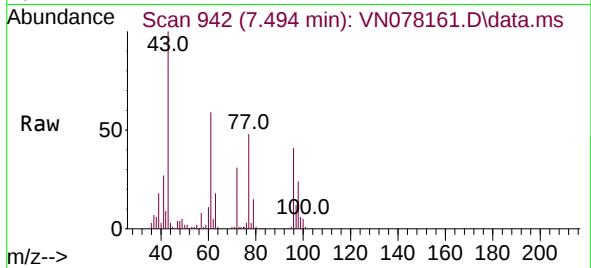
Tgt Ion: 63 Resp: 148501
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 3.2 2.5 7.4





#25
2-Butanone
Concen: 99.834 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

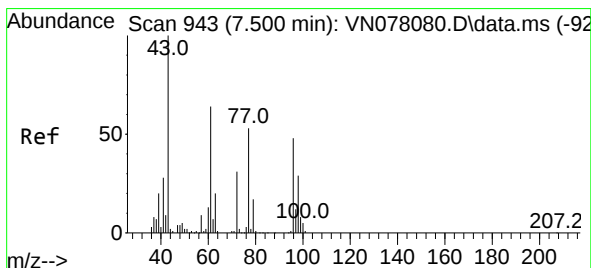
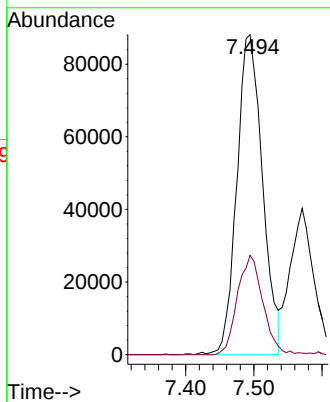
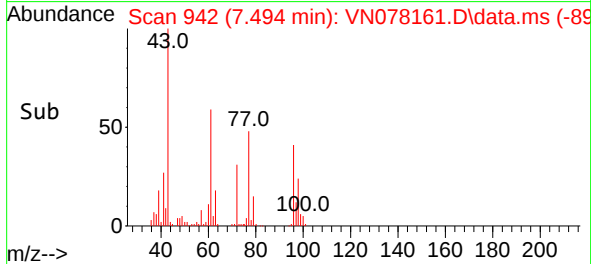
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 43 Resp: 230035
Ion Ratio Lower Upper
43 100
72 31.1 30.2 45.2

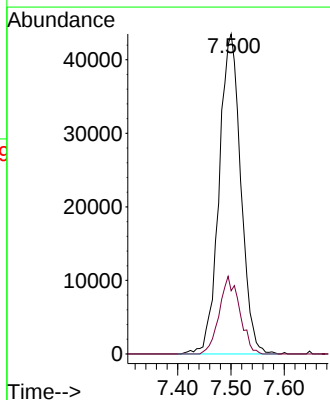
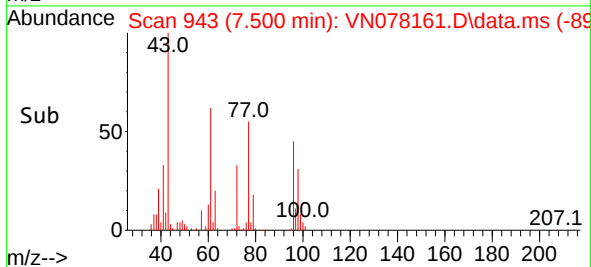
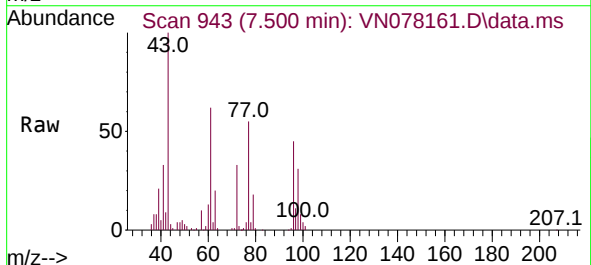
Manual Integrations
APPROVED

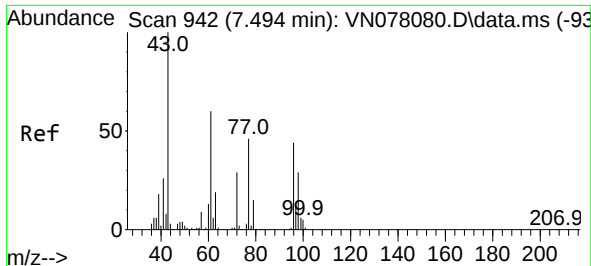
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#26
2,2-Dichloropropane
Concen: 20.648 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

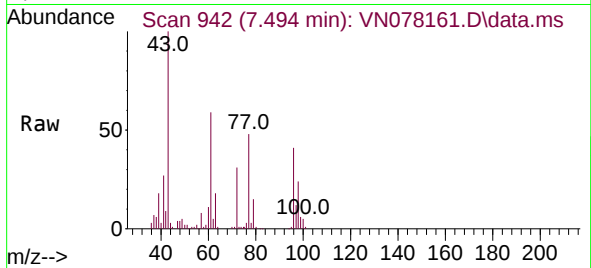
Tgt Ion: 77 Resp: 123123
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 16.974 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078161.D
 Acq: 12 Jun 2023 13:05

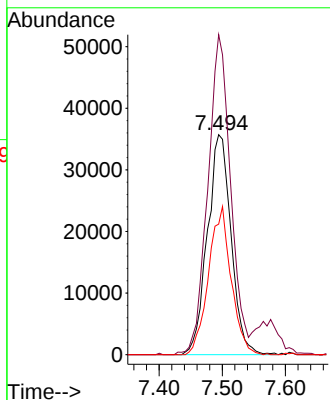
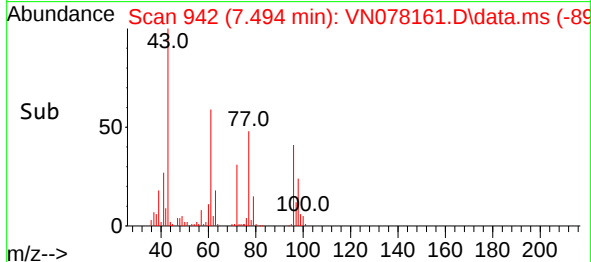
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01



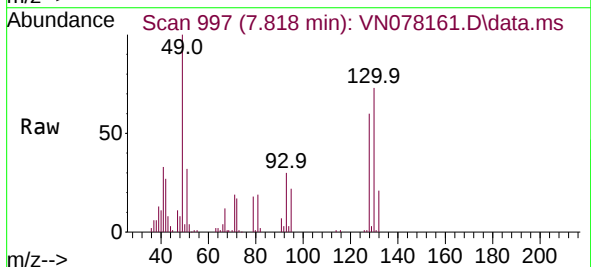
Tgt Ion: 96 Resp: 9310
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 255.2
 98 64.1 0.0 128.8

Manual Integrations
 APPROVED

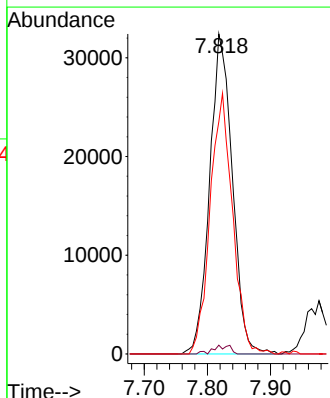
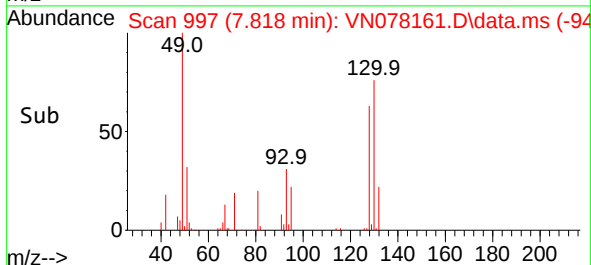
Reviewed By :John Carlone 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023

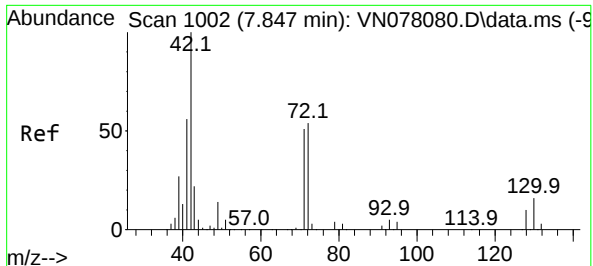


#28
 Bromochloromethane
 Concen: 21.830 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078161.D
 Acq: 12 Jun 2023 13:05



Tgt Ion: 49 Resp: 80943
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 80.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 97.366 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078161.D

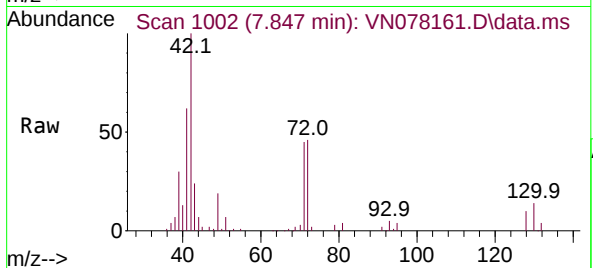
Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01



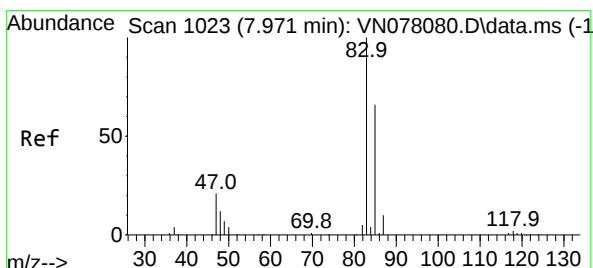
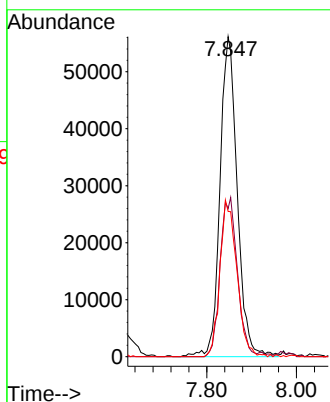
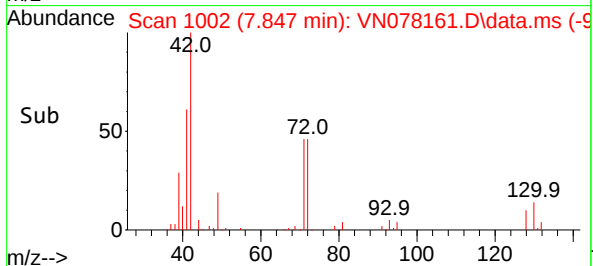
Tgt Ion:	42	Resp:	149978
Ion Ratio	Lower	Upper	
42	100		
72	49.6	49.8	74.6
71	48.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#30

Chloroform

Concen: 18.357 ug/l

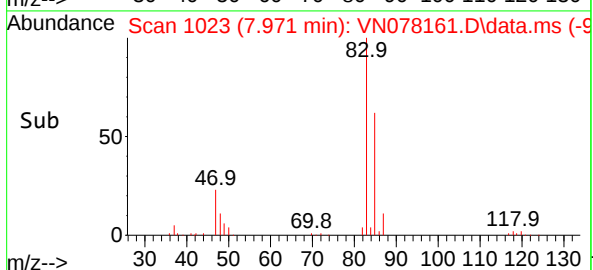
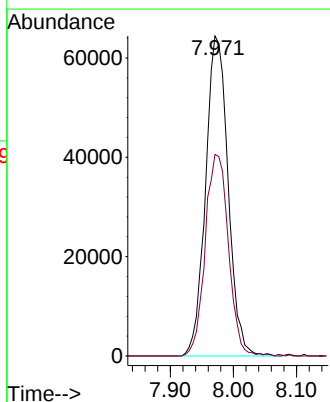
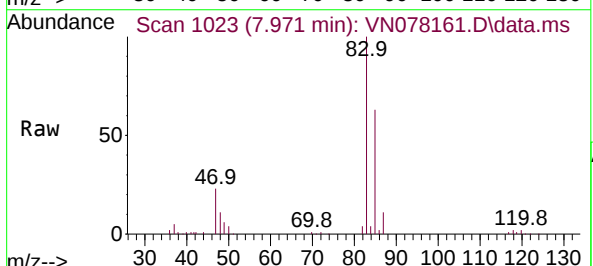
RT: 7.971 min Scan# 1023

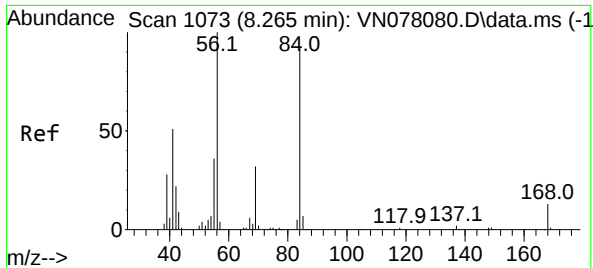
Delta R.T. 0.000 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

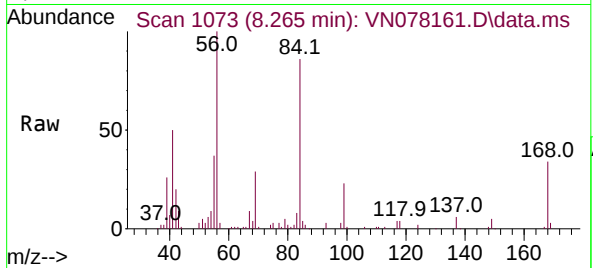
Tgt Ion:	83	Resp:	159638
Ion Ratio	Lower	Upper	
83	100		
85	63.0	55.4	83.0





#31
Cyclohexane
Concen: 18.248 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

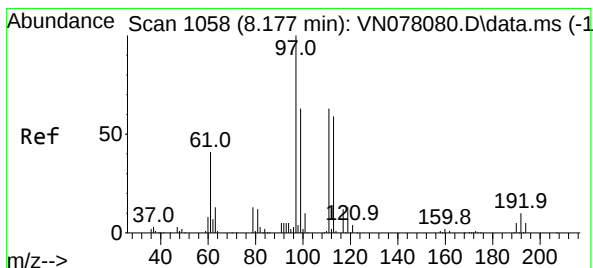
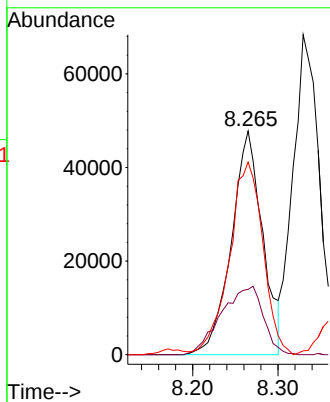
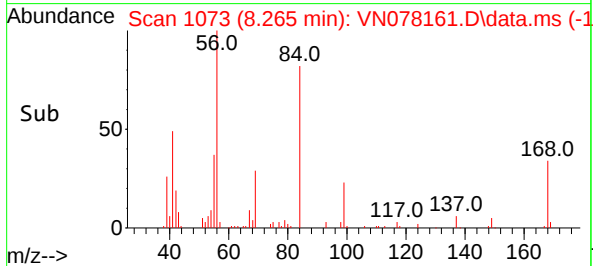
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 56 Resp: 121854
Ion Ratio Lower Upper
56 100
69 29.2 26.8 40.2
84 84.0 81.8 122.6

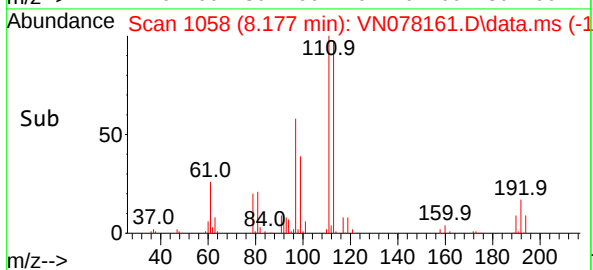
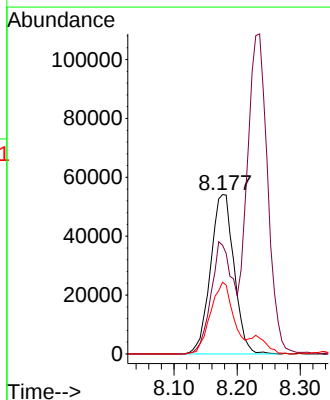
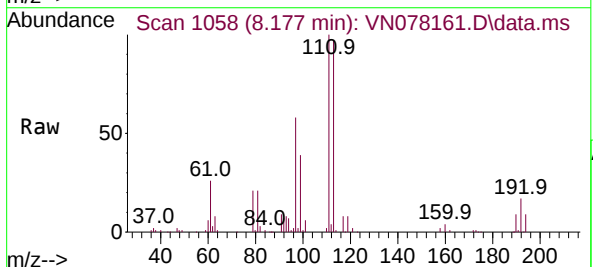
Manual Integrations
APPROVED

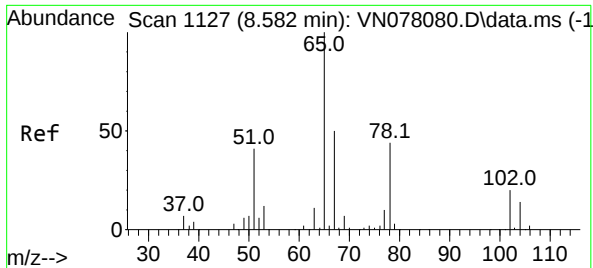
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#32
1,1,1-Trichloroethane
Concen: 18.342 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion: 97 Resp: 140034
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 44.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.755 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion: 65 Resp: 26941

Ion Ratio Lower Upper

65 100

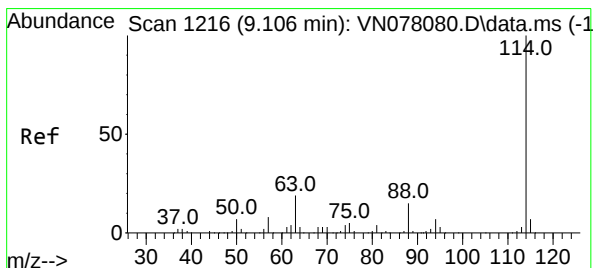
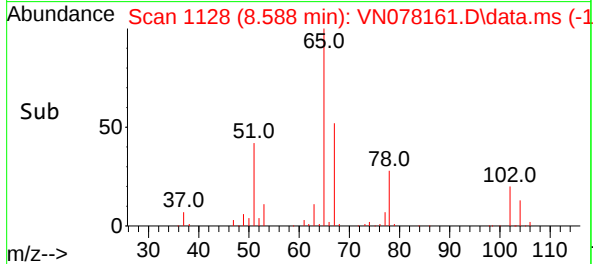
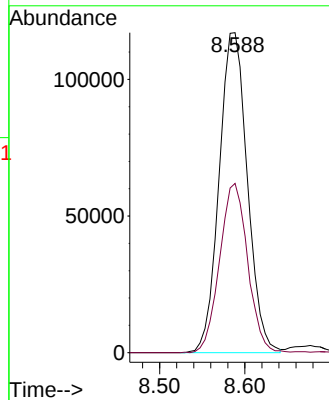
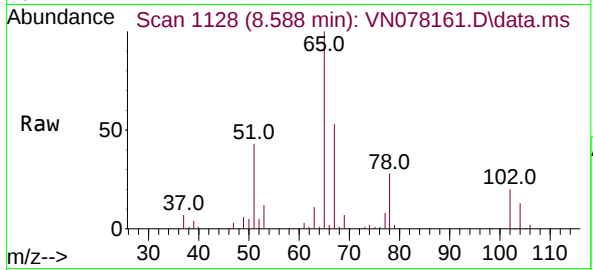
67 52.5 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

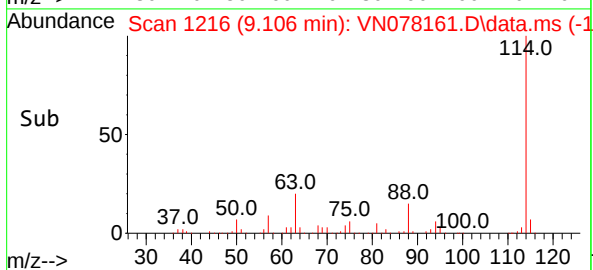
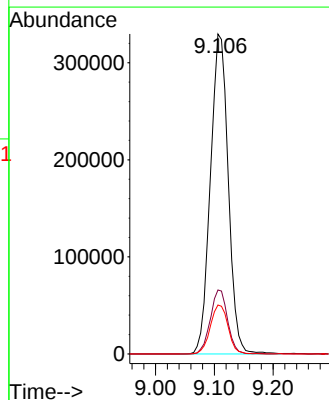
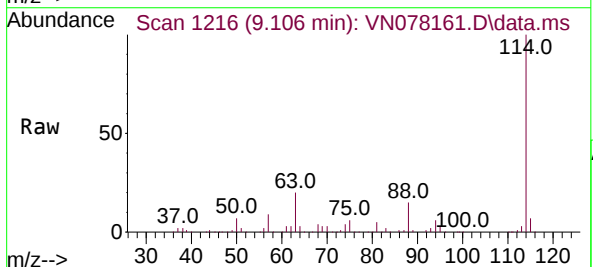
Tgt Ion:114 Resp: 694488

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

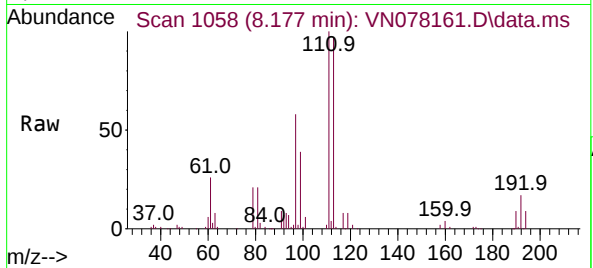
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.801 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

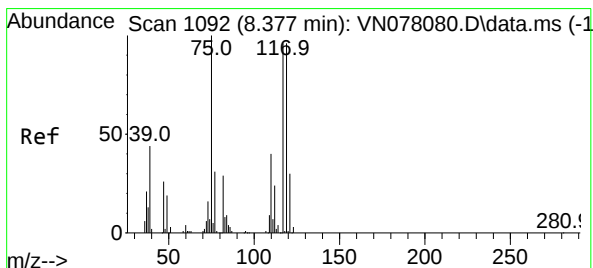
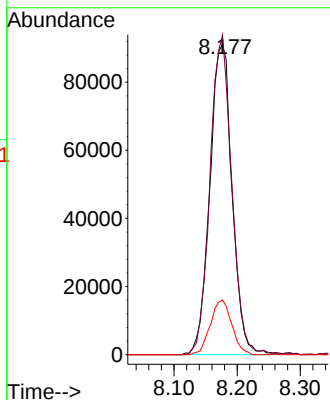
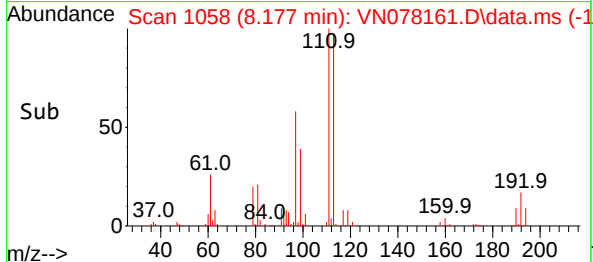
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



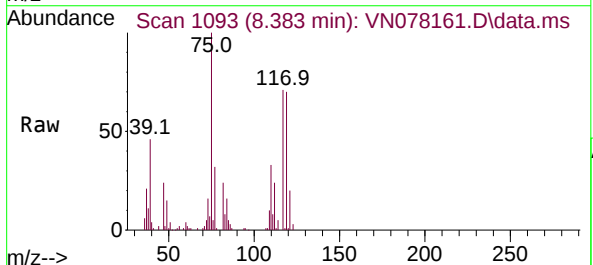
Tgt Ion: 113 Resp: 223070
Ion Ratio Lower Upper
113 100
111 100.8 82.6 123.8
192 17.0 12.7 19.1

Manual Integrations
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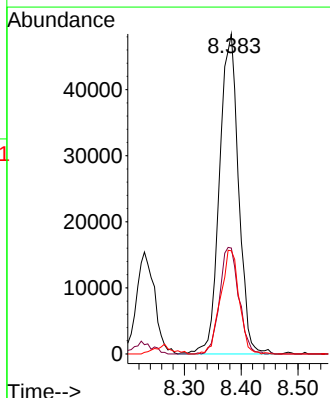
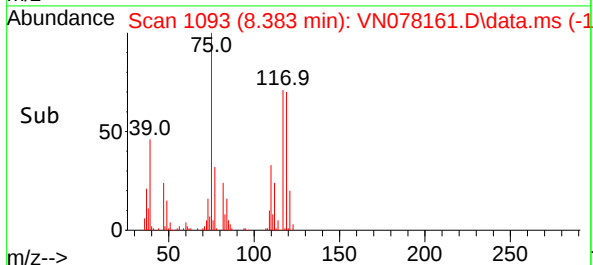
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

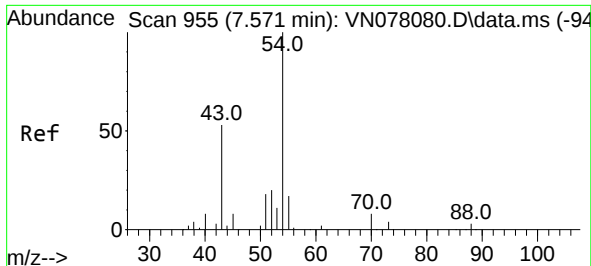


#36
1,1-Dichloropropene
Concen: 17.989 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05



Tgt Ion: 75 Resp: 113305
Ion Ratio Lower Upper
75 100
110 33.6 19.1 57.3
77 31.8 25.0 37.4





#37

Ethyl Acetate

Concen: 18.693 ug/l

RT: 7.571 min Scan# 91979

Delta R.T. 0.000 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

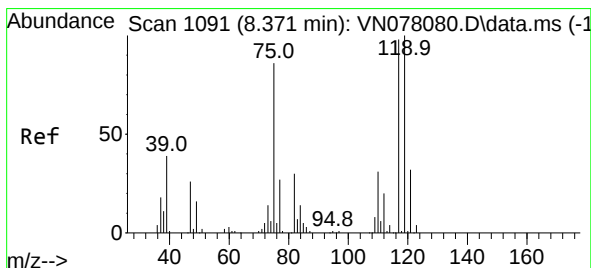
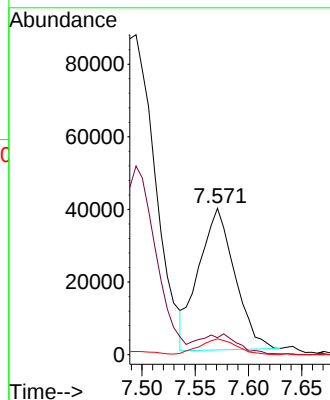
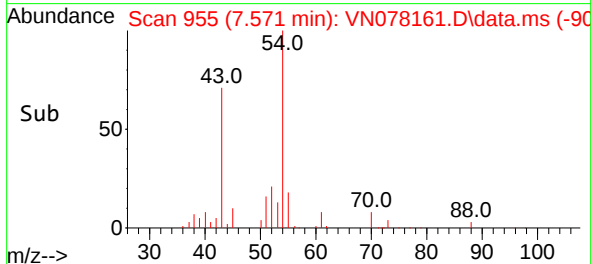
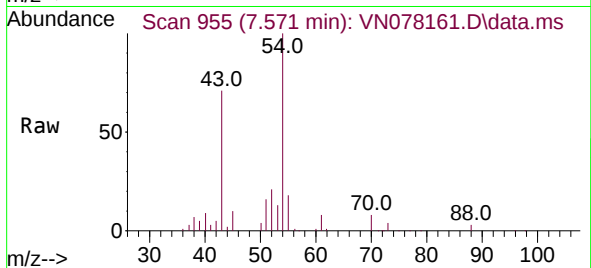
Tgt Ion: 43	Resp: 91979
Ion Ratio	Lower Upper
43 100	
61 14.9	13.2 19.8
70 11.3	11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#38

Carbon Tetrachloride

Concen: 17.858 ug/l

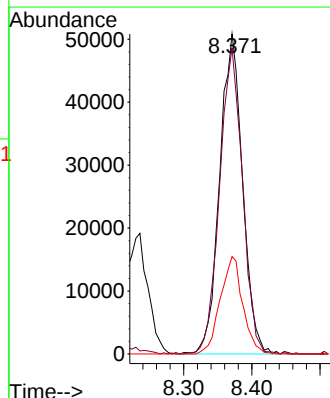
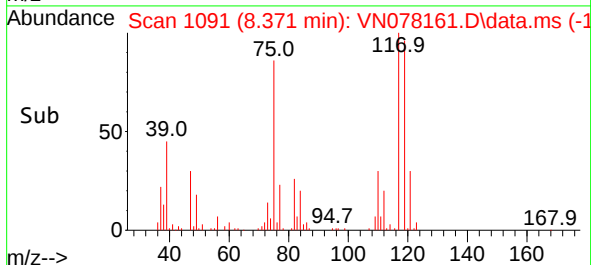
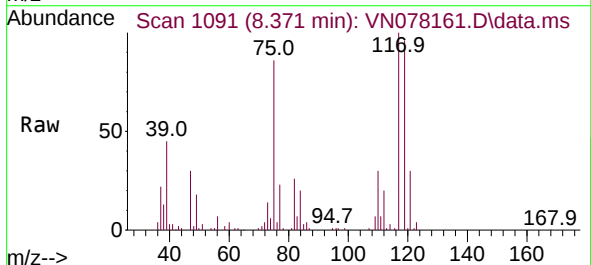
RT: 8.371 min Scan# 1091

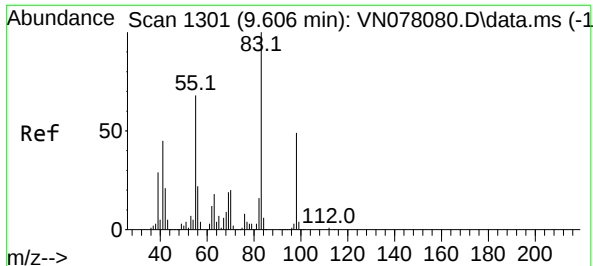
Delta R.T. 0.000 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

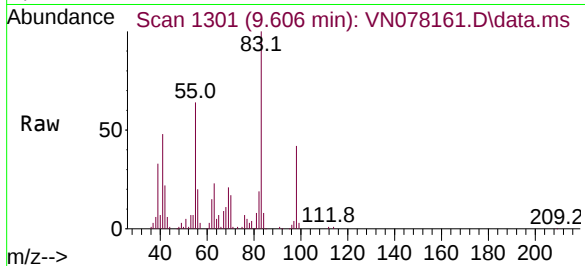
Tgt Ion: 117	Resp: 118771
Ion Ratio	Lower Upper
117 100	
119 95.6	77.3 115.9
121 30.5	23.3 34.9





#39
Methylcyclohexane
Concen: 17.843 ug/l
RT: 9.606 min Scan# 11646
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

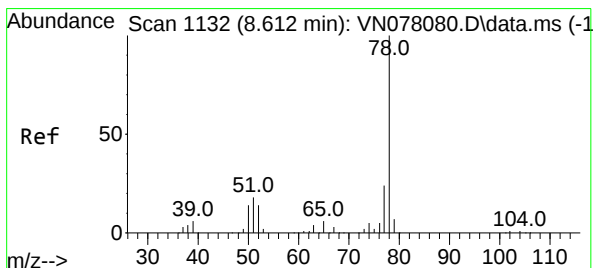
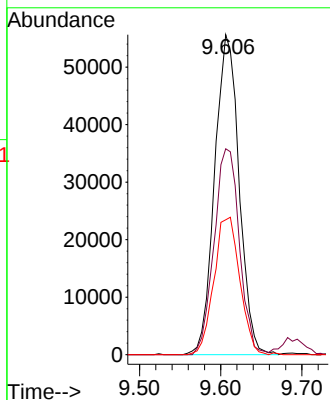
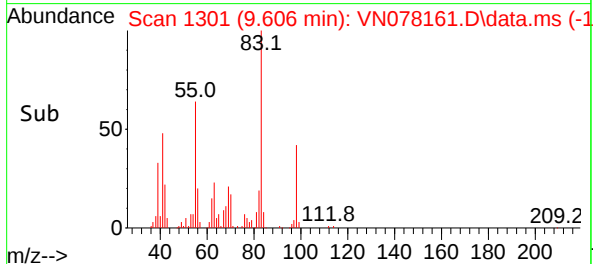
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 83 Resp: 11646
Ion Ratio Lower Upper
83 100
55 64.3 49.1 73.7
98 42.2 40.6 61.0

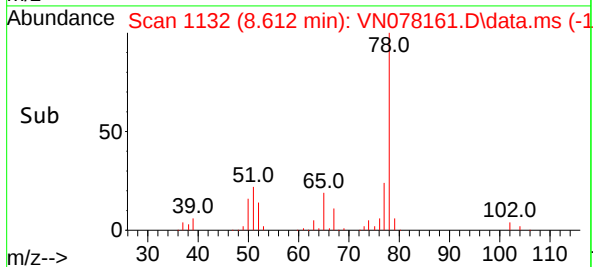
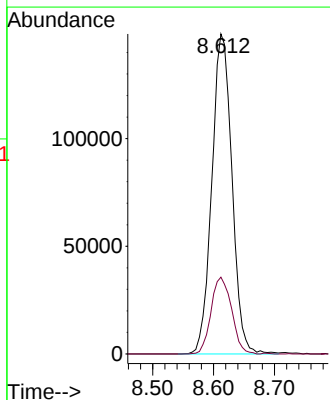
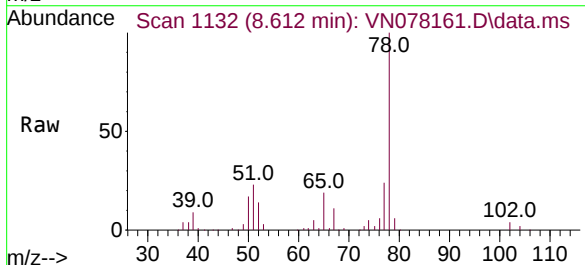
Manual Integrations
APPROVED

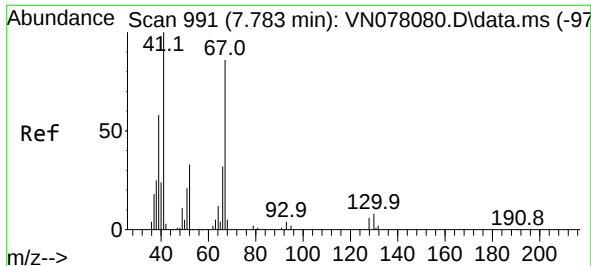
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#40
Benzene
Concen: 18.140 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

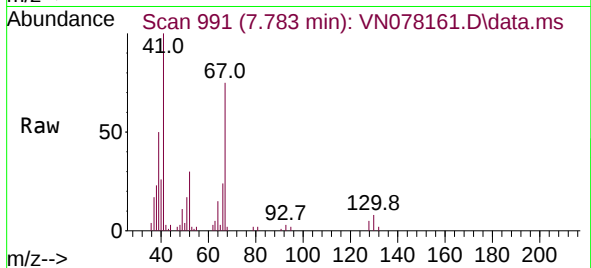
Tgt Ion: 78 Resp: 341097
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 18.880 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

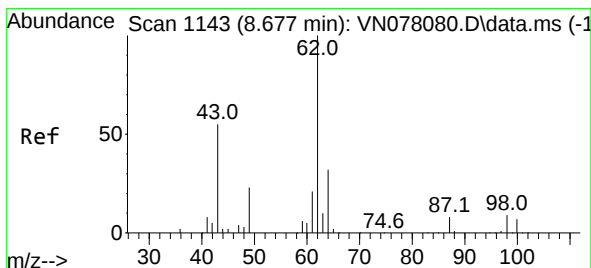
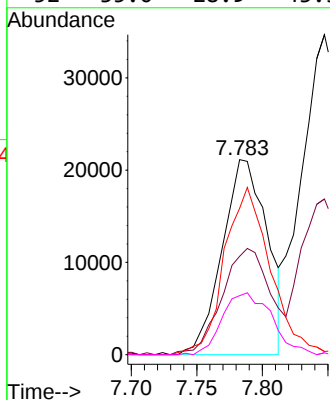
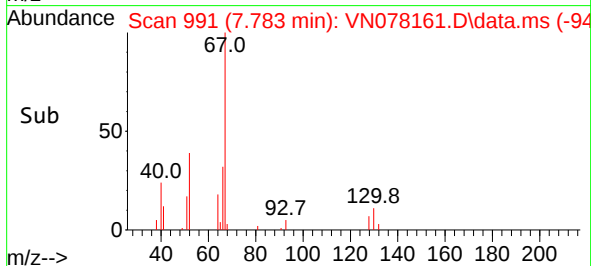
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 41	Resp: 5035
Ion Ratio	Lower Upper
41	100
39	59.4 42.6 64.0
67	88.2 77.5 116.3
52	35.0 28.9 43.3

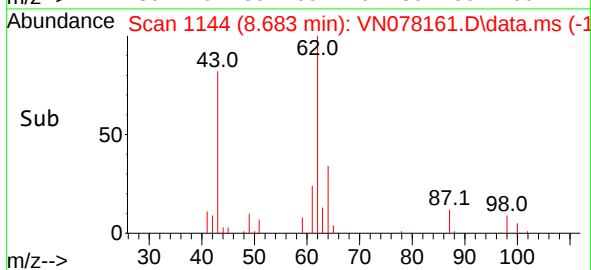
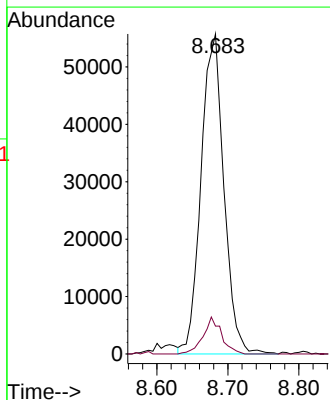
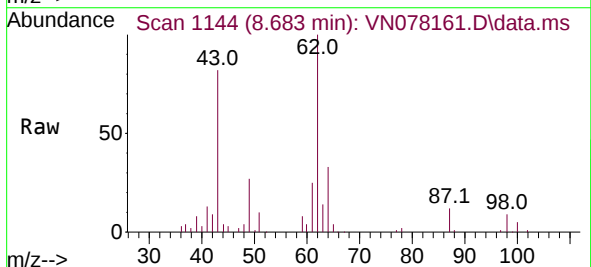
Manual Integrations
APPROVED

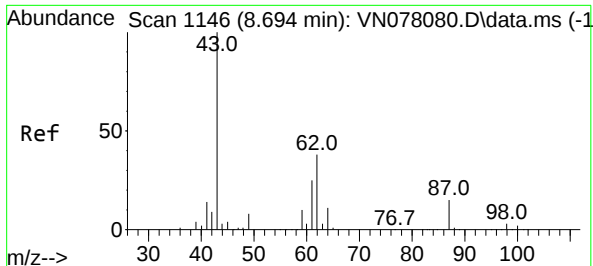
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#42
1,2-Dichloroethane
Concen: 19.357 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion: 62	Resp: 124800
Ion Ratio	Lower Upper
62	100
98	9.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 17.314 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion: 43 Resp: 162924

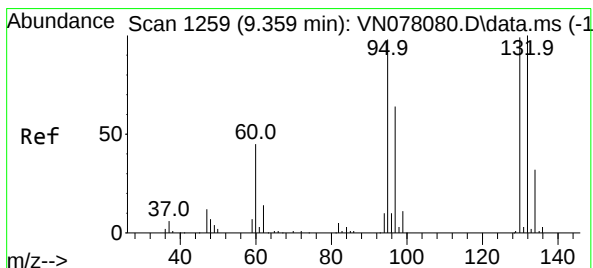
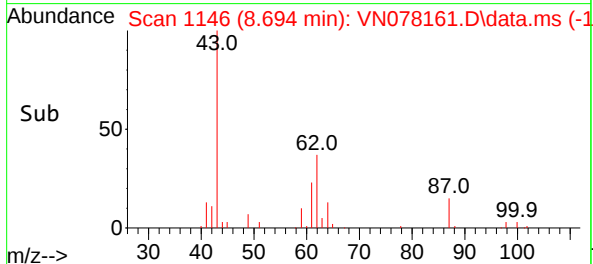
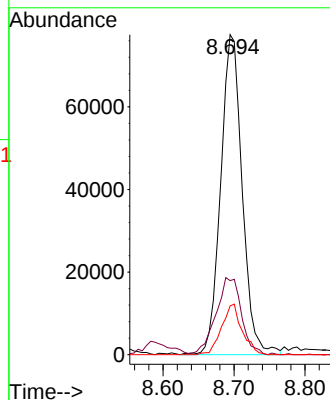
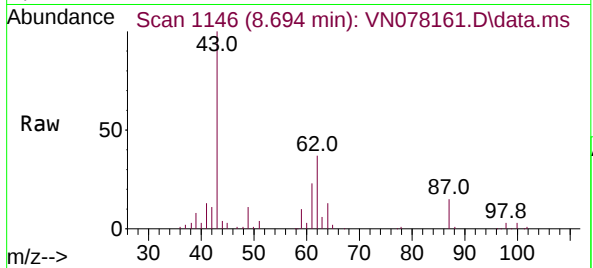
Ion	Ratio	Lower	Upper
43	100		
61	28.4	24.7	37.1
87	15.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#44

Trichloroethene

Concen: 17.538 ug/l

RT: 9.359 min Scan# 1259

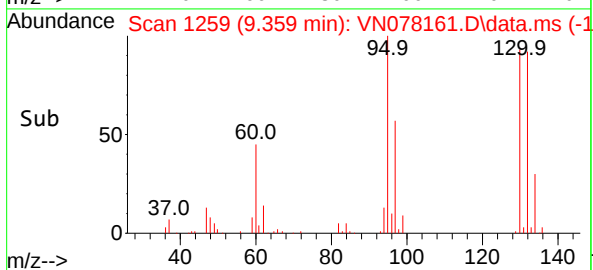
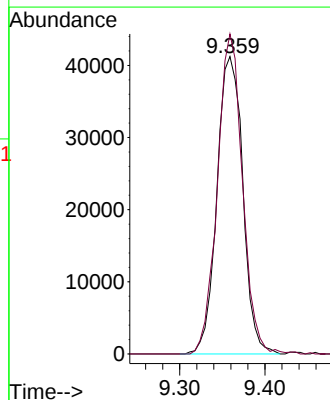
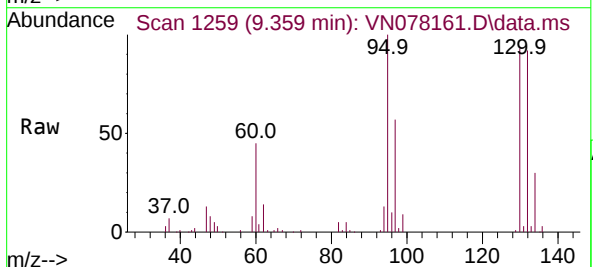
Delta R.T. 0.000 min

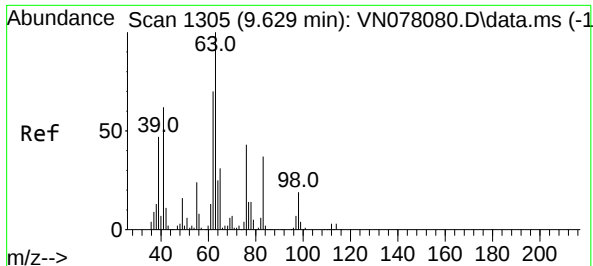
Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Tgt Ion:130 Resp: 87094

Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	204.6





#45

1,2-Dichloropropane

Concen: 18.823 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion: 63 Resp: 8806

Ion Ratio Lower Upper

63 100

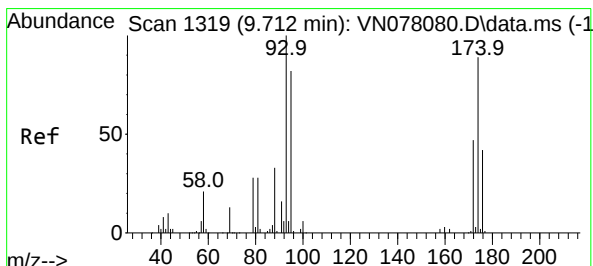
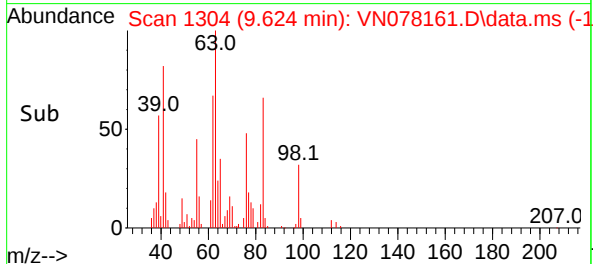
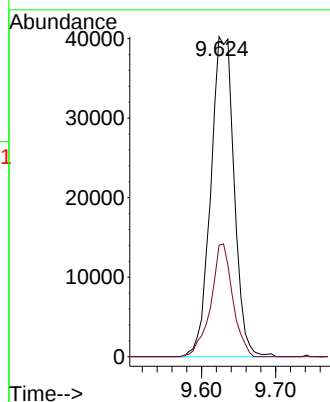
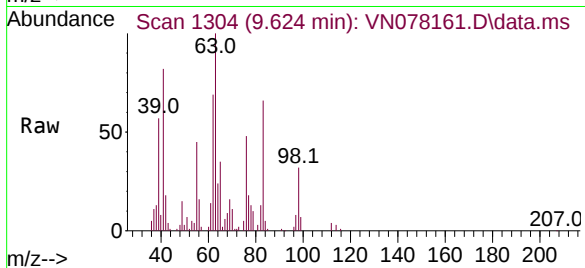
65 34.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#46

Dibromomethane

Concen: 18.059 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

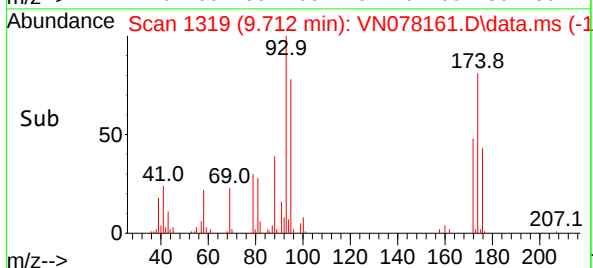
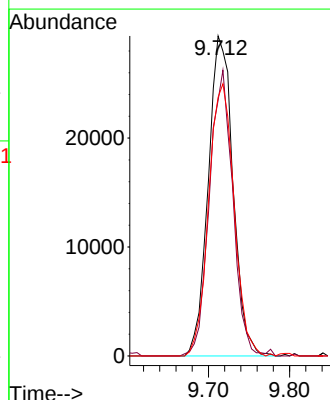
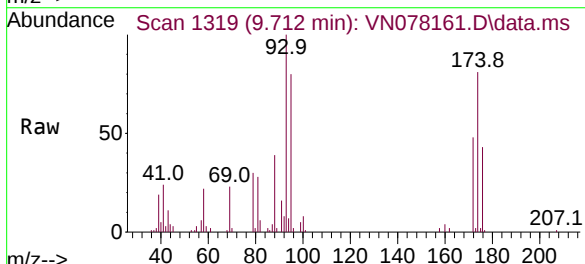
Tgt Ion: 93 Resp: 62230

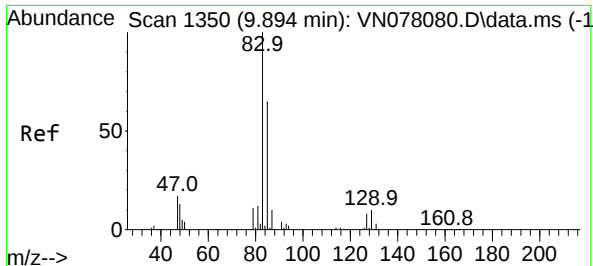
Ion Ratio Lower Upper

93 100

95 83.9 63.8 95.8

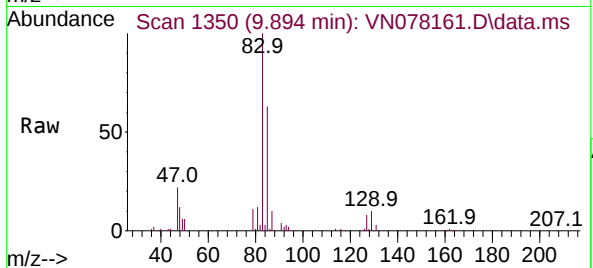
174 87.4 65.6 98.4





#47
Bromodichloromethane
Concen: 19.293 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

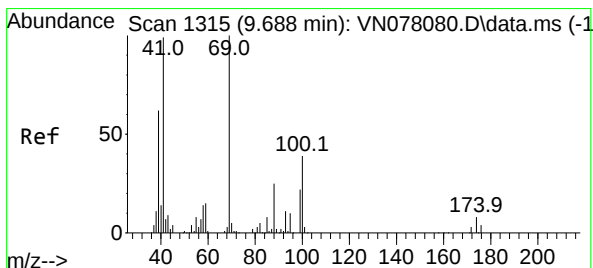
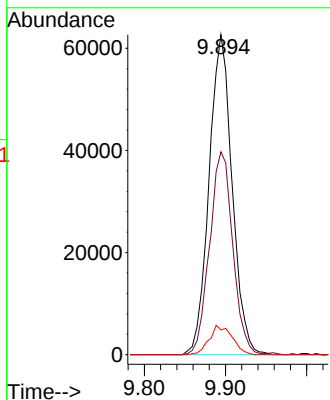
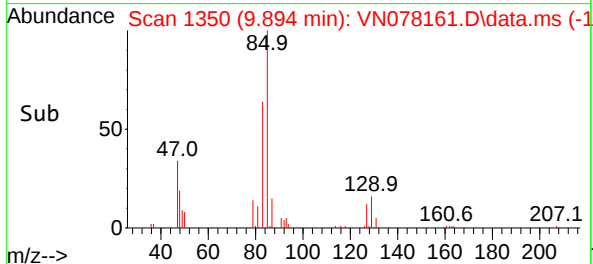
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 83 Resp: 123498
Ion Ratio Lower Upper
83 100
85 63.4 49.6 74.4
127 7.8 7.0 10.6

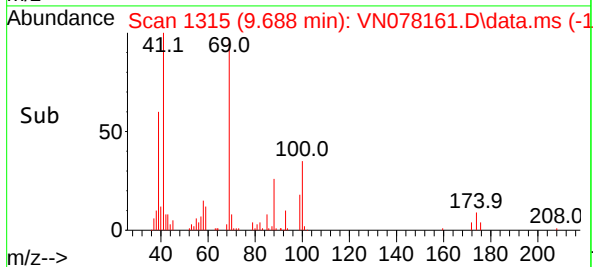
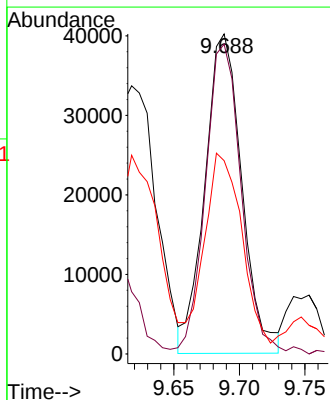
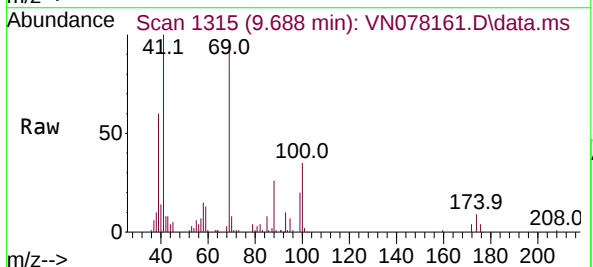
Manual Integrations
APPROVED

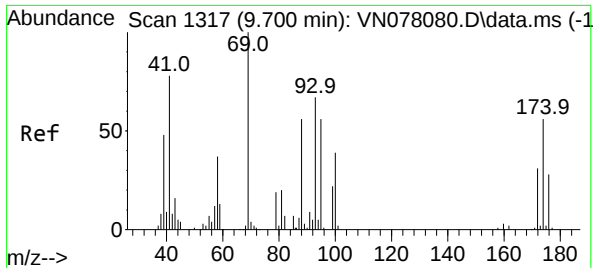
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#48
Methyl methacrylate
Concen: 19.903 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion: 41 Resp: 78597
Ion Ratio Lower Upper
41 100
69 94.7 90.4 135.6
39 66.4 54.6 81.8





#49

1,4-Dioxane

Concen: 411.603 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion: 88 Resp: 3416

Ion Ratio Lower Upper

88 100

43 26.5 17.0 25.6

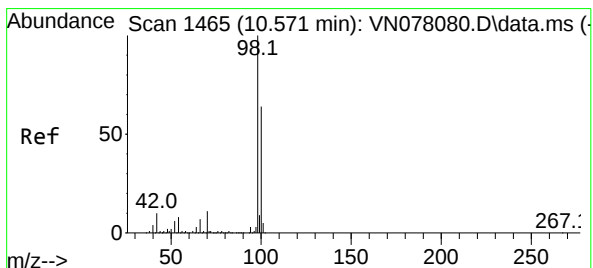
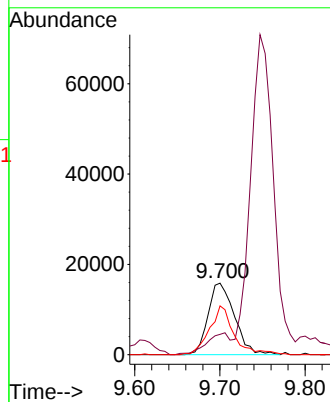
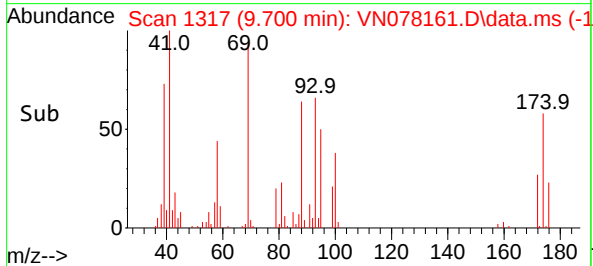
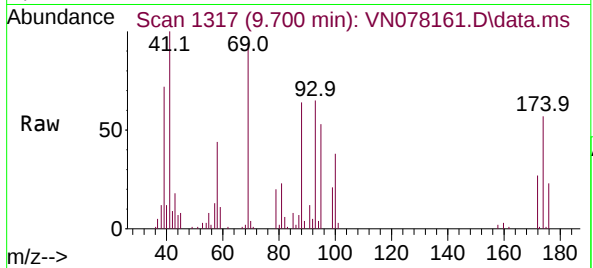
58 63.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#50

Toluene-d8

Concen: 49.046 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078161.D

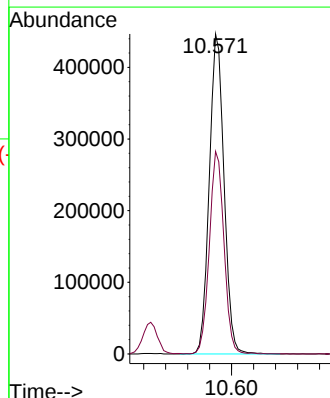
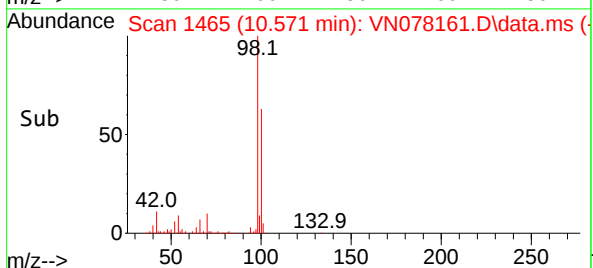
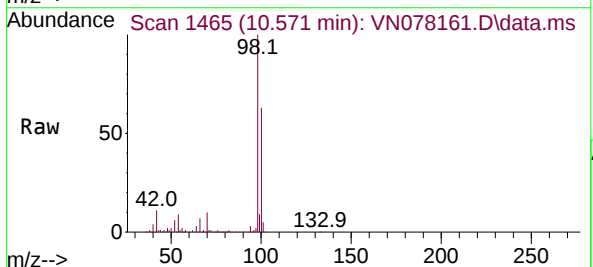
Acq: 12 Jun 2023 13:05

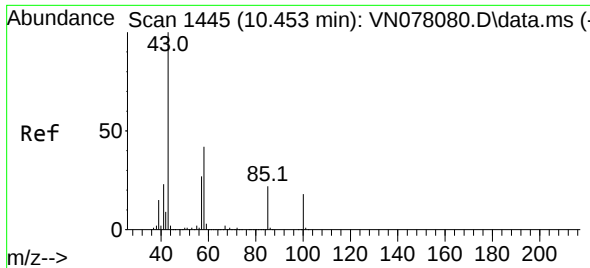
Tgt Ion: 98 Resp: 830263

Ion Ratio Lower Upper

98 100

100 62.7 52.0 78.0





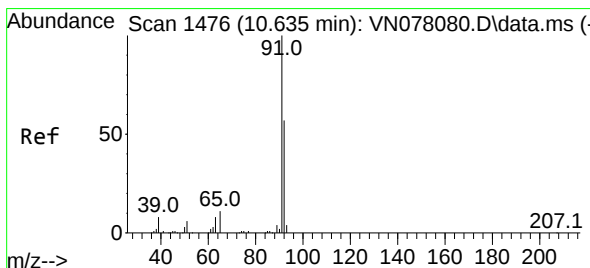
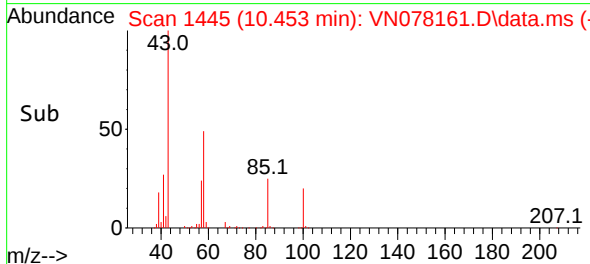
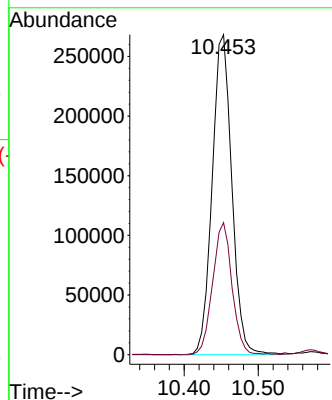
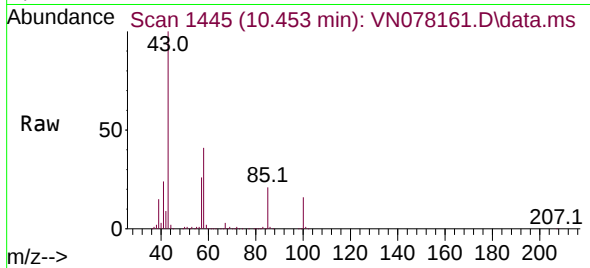
#51
4-Methyl-2-Pentanone
Concen: 99.659 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion: 43 Resp: 493839
Ion Ratio Lower Upper
43 100
58 40.7 36.6 54.8

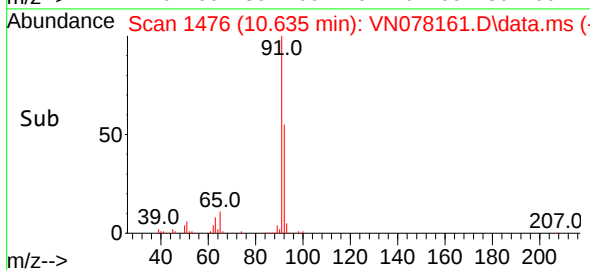
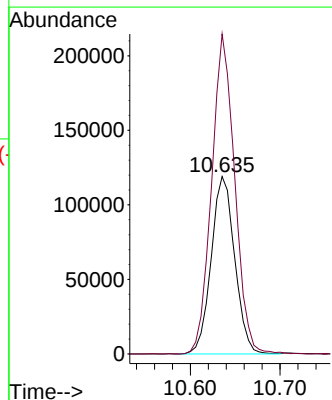
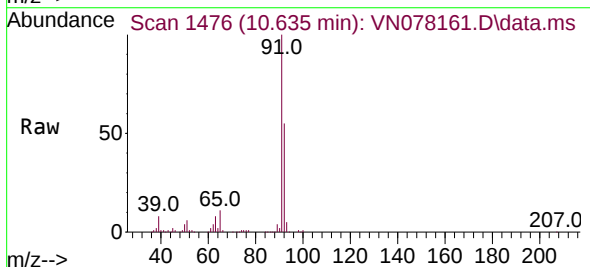
Manual Integrations
APPROVED

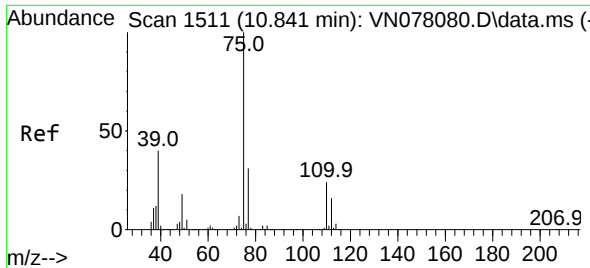
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#52
Toluene
Concen: 18.218 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion: 92 Resp: 216289
Ion Ratio Lower Upper
92 100
91 177.7 137.4 206.0





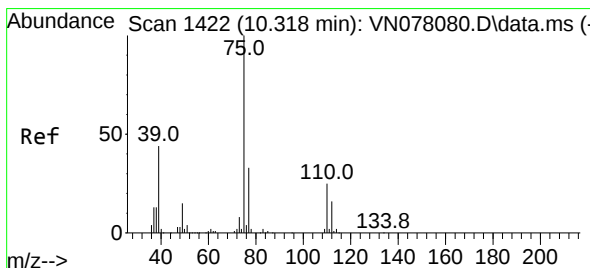
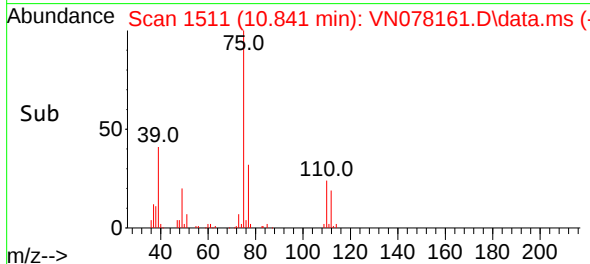
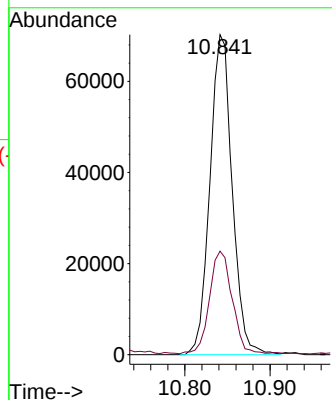
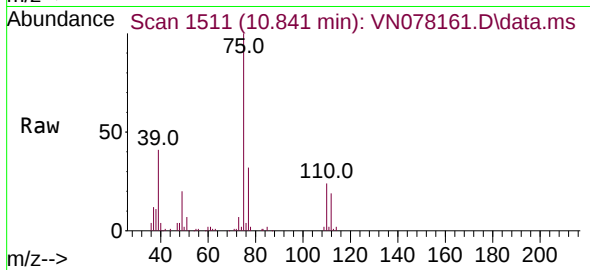
#53
t-1,3-Dichloropropene
Concen: 19.140 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion: 75 Resp: 12759
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

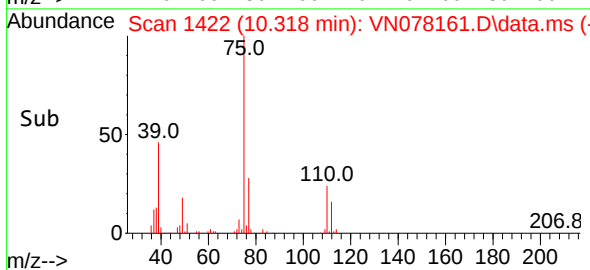
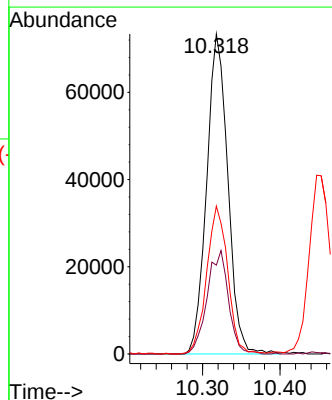
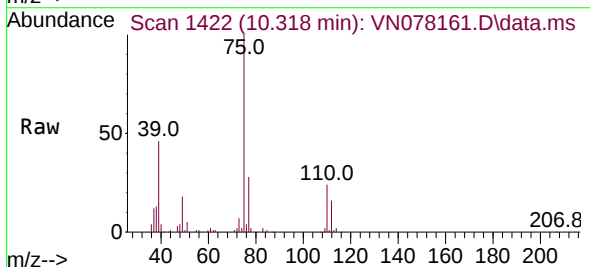
Manual Integrations
APPROVED

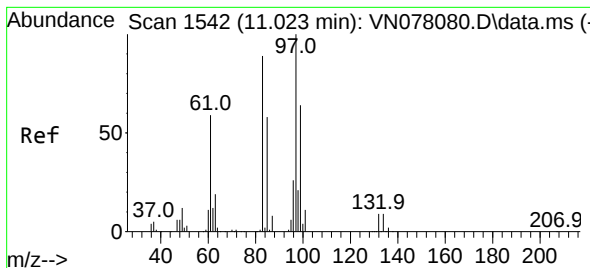
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#54
cis-1,3-Dichloropropene
Concen: 18.910 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

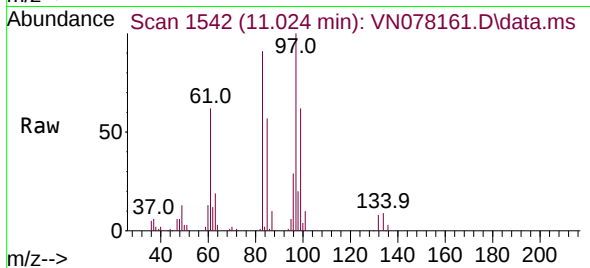
Tgt Ion: 75 Resp: 139349
Ion Ratio Lower Upper
75 100
77 27.8 26.1 39.1
39 46.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.541 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

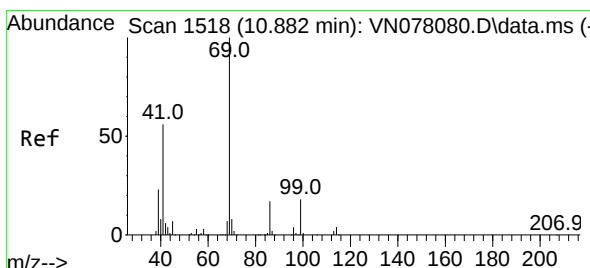
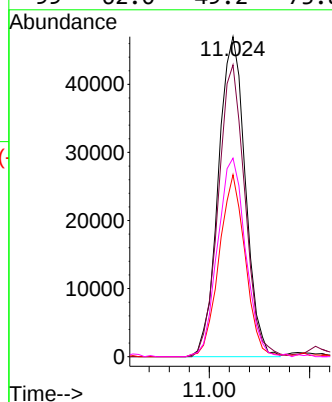
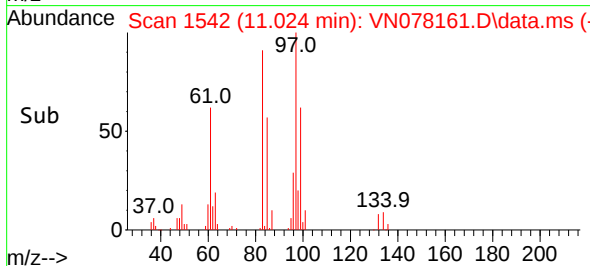
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



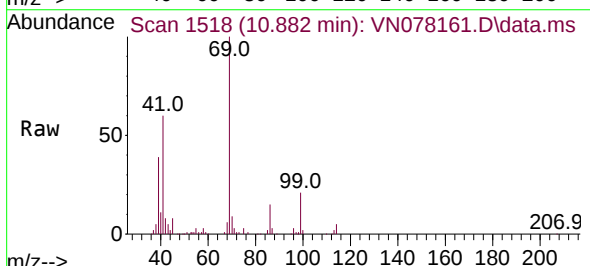
Tgt Ion:	97	Resp:	8776
Ion Ratio	100	Lower	Upper
97	100		
83	91.2	65.1	97.7
85	56.9	43.4	65.2
99	62.0	49.2	73.8

Manual Integrations
APPROVED

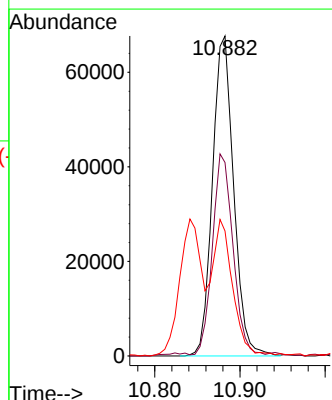
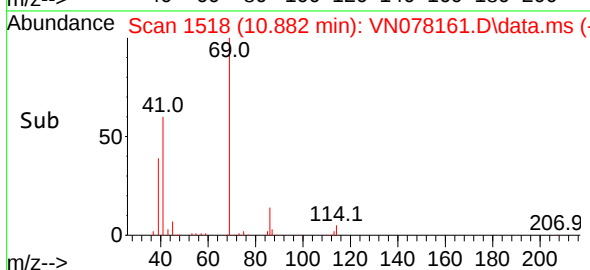
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#56
Ethyl methacrylate
Concen: 17.876 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05



Tgt Ion:	69	Resp:	116900
Ion Ratio	100	Lower	Upper
69	100		
41	60.7	39.6	59.4
39	40.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.211 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion: 76 Resp: 14563

Ion Ratio Lower Upper

76 100

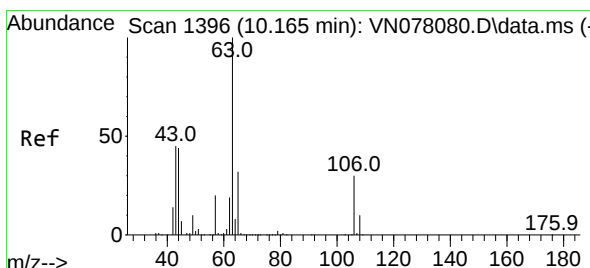
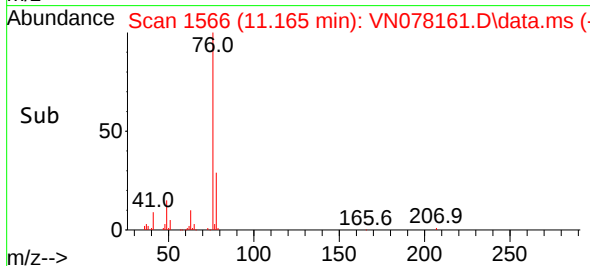
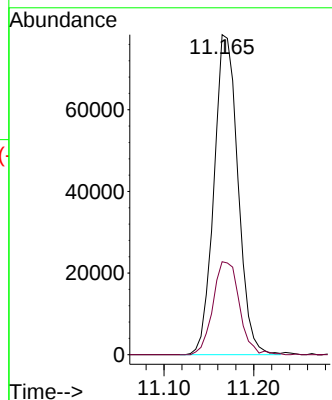
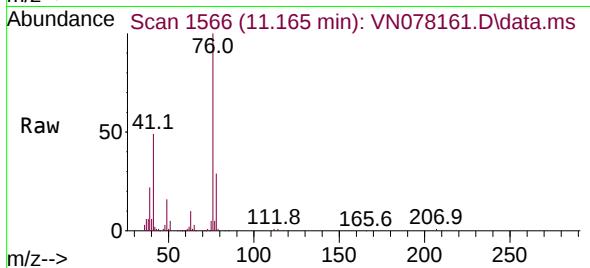
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 97.840 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078161.D

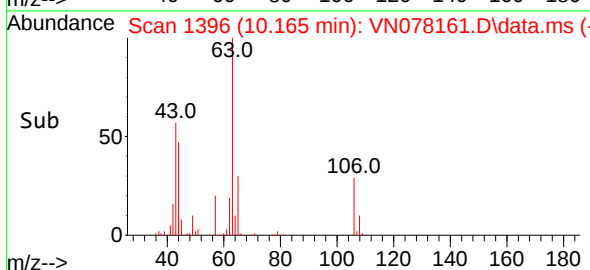
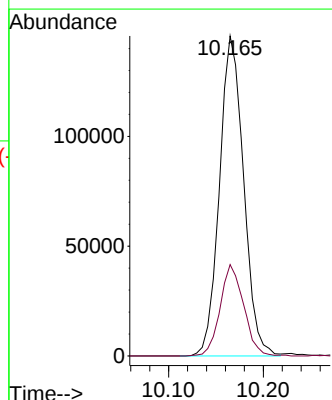
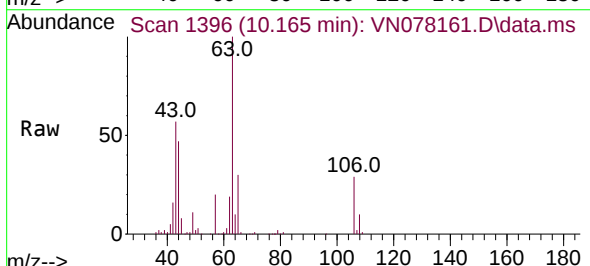
Acq: 12 Jun 2023 13:05

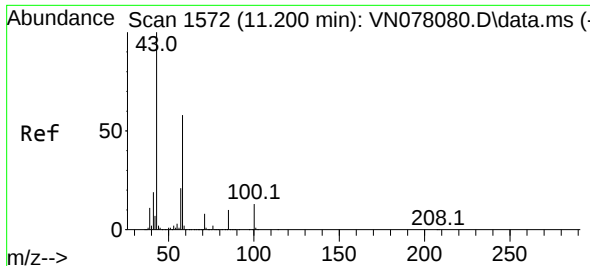
Tgt Ion: 63 Resp: 258470

Ion Ratio Lower Upper

63 100

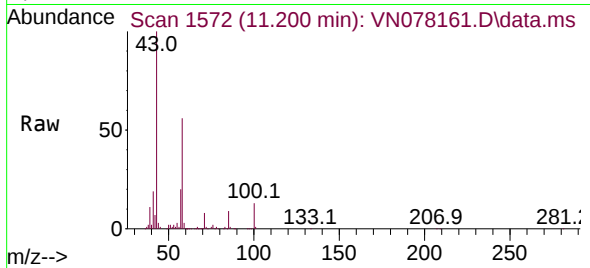
106 27.8 26.2 39.4





#59
2-Hexanone
Concen: 99.602 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

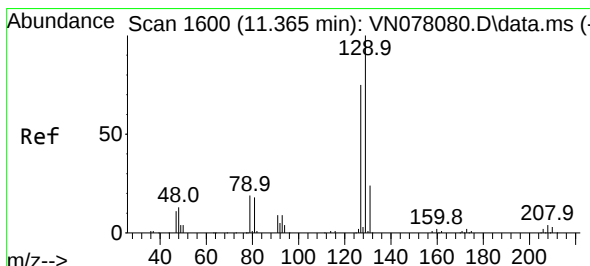
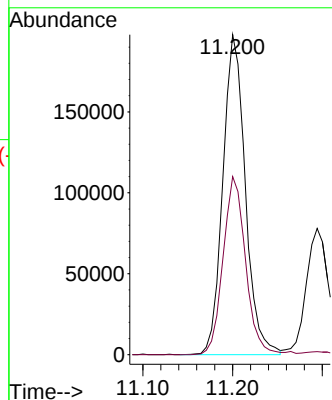
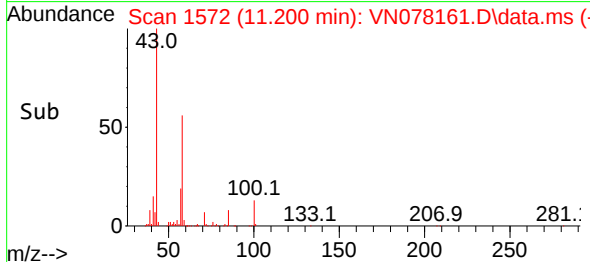
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 43 Resp: 343659
Ion Ratio Lower Upper
43 100
58 56.1 31.7 95.1

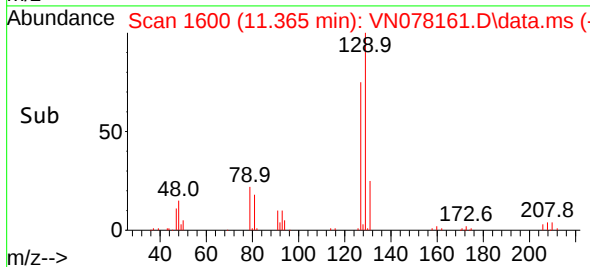
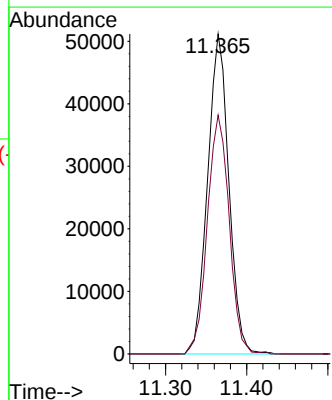
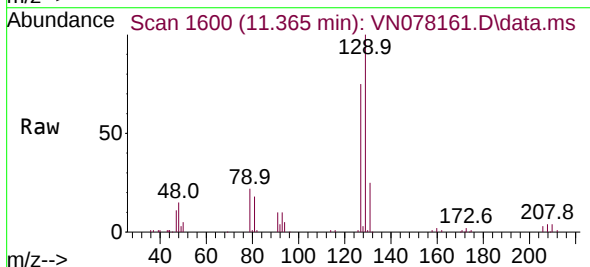
Manual Integrations
APPROVED

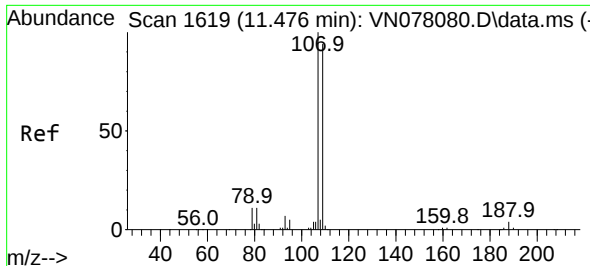
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#60
Dibromochloromethane
Concen: 18.891 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion:129 Resp: 92839
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





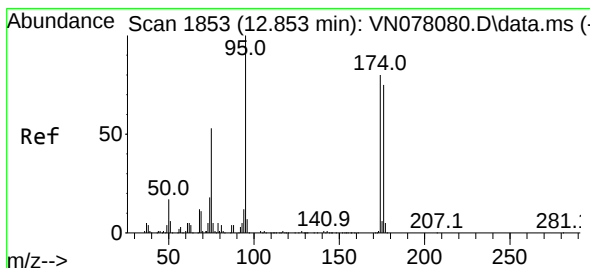
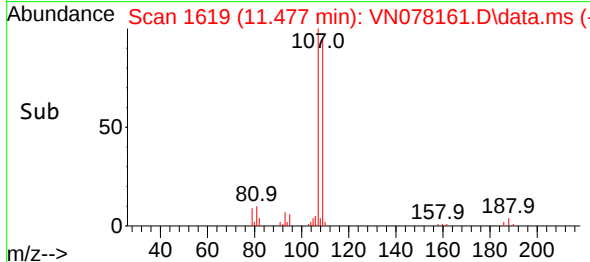
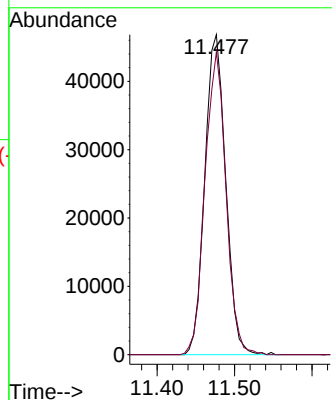
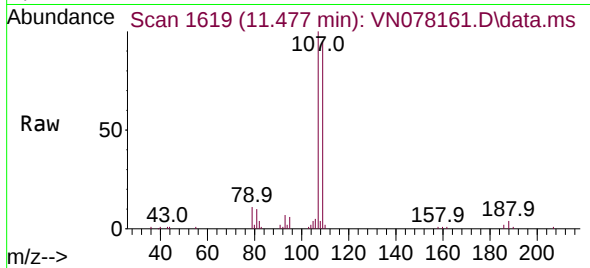
#61
1,2-Dibromoethane
Concen: 18.630 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion:107 Resp: 87808
Ion Ratio Lower Upper
107 100
109 95.2 76.6 114.8

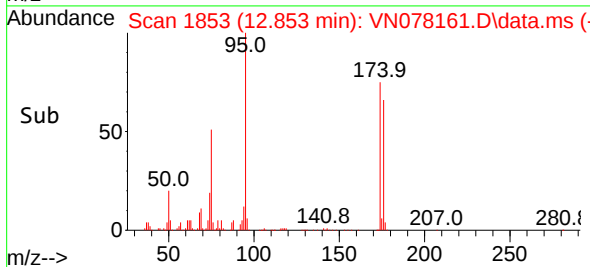
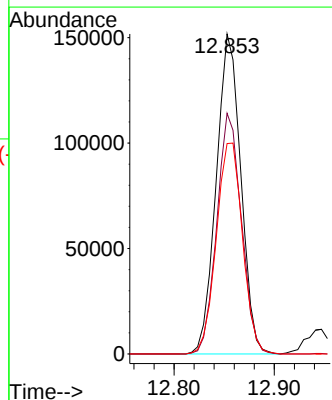
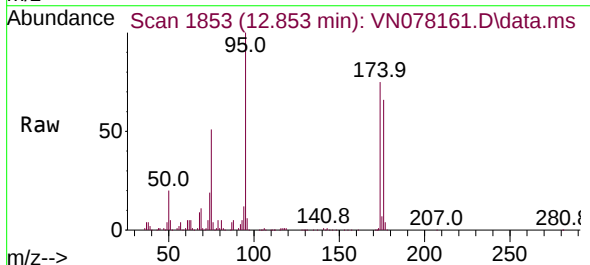
Manual Integrations
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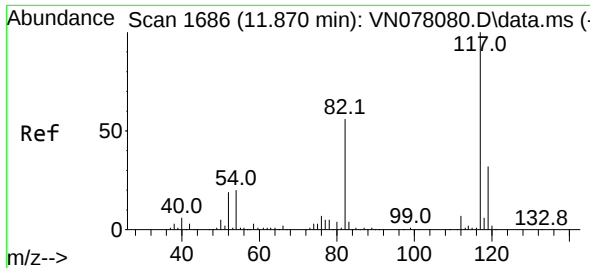
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#62
4-Bromofluorobenzene
Concen: 49.032 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion: 95 Resp: 258038
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 70.4 0.0 135.8





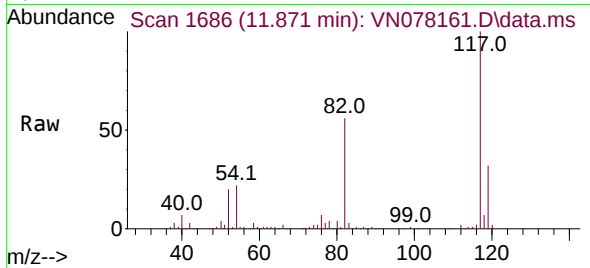
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01



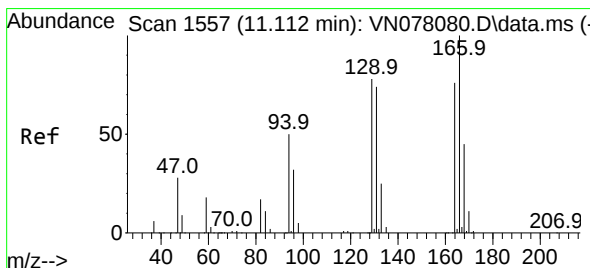
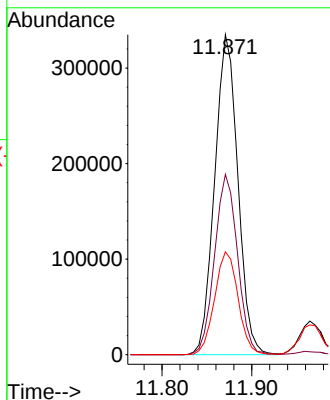
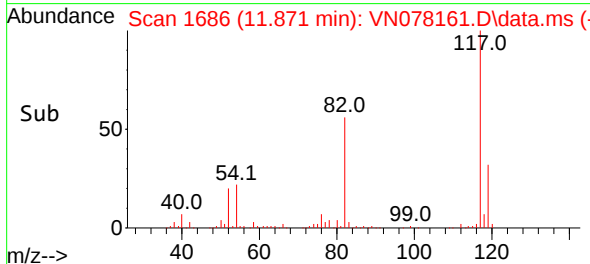
Tgt Ion:117 Resp: 600880
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.1 25.6 38.4

Manual Integrations

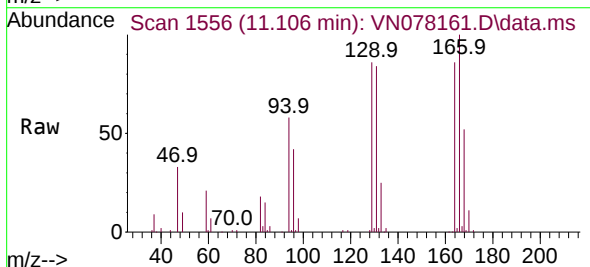
APPROVED

Reviewed By :John Carlone 06/13/2023

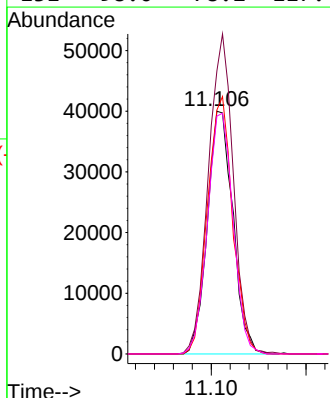
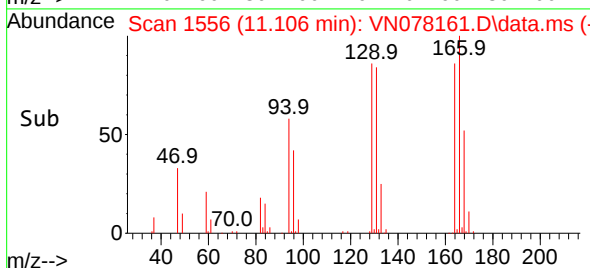
Supervised By :Mahesh Dadoda 06/13/2023

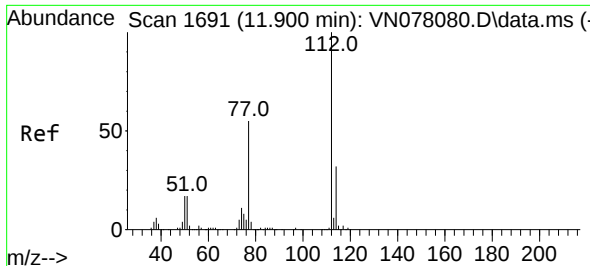


#64
Tetrachloroethene
Concen: 18.603 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05



Tgt Ion:164 Resp: 74572
Ion Ratio Lower Upper
164 100
166 116.7 101.4 152.0
129 100.5 82.4 123.6
131 98.0 78.2 117.4





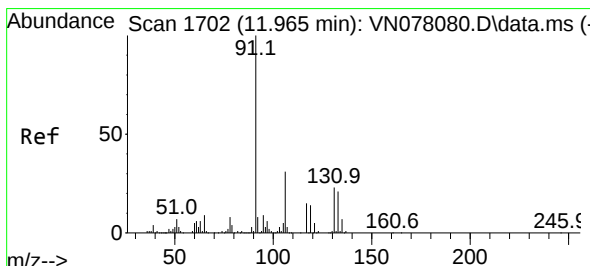
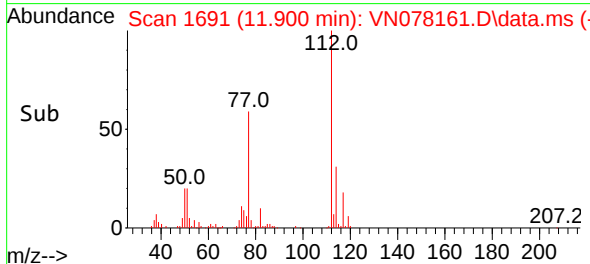
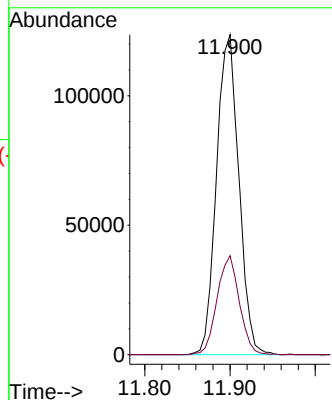
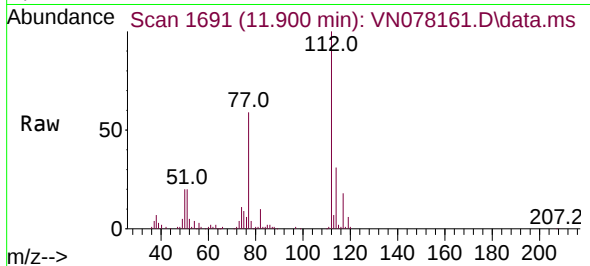
#65
Chlorobenzene
Concen: 17.506 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion:112 Resp: 22526
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

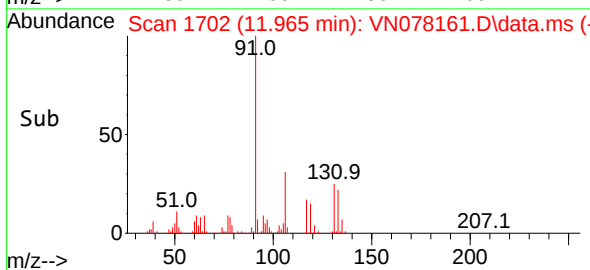
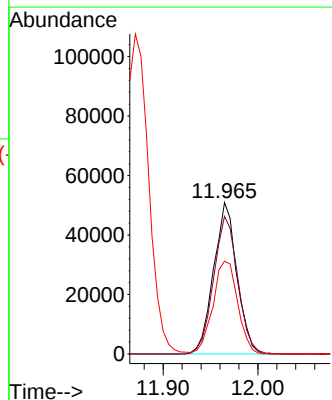
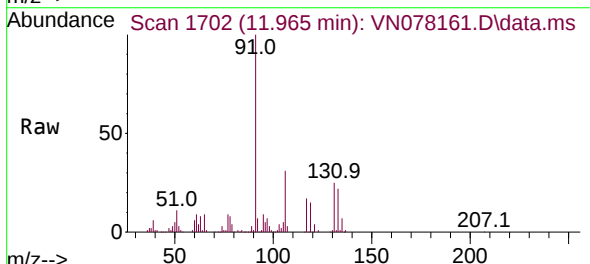
Manual Integrations
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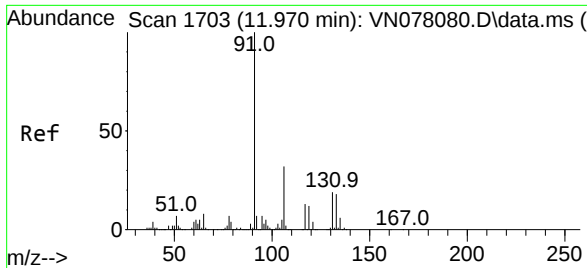
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.312 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion:131 Resp: 86667
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.1
119 65.3 34.1 102.2





#67

Ethyl Benzene

Concen: 17.658 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion: 91 Resp: 392070

Ion Ratio Lower Upper

91 100

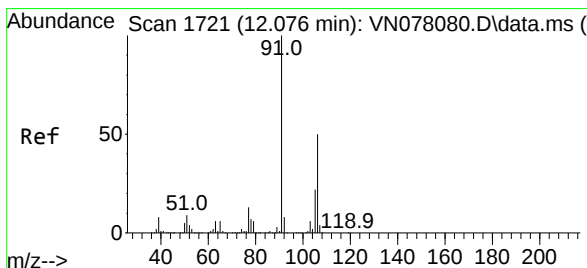
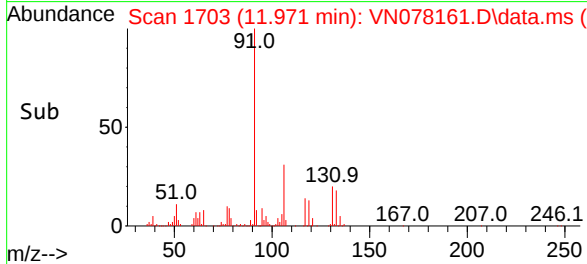
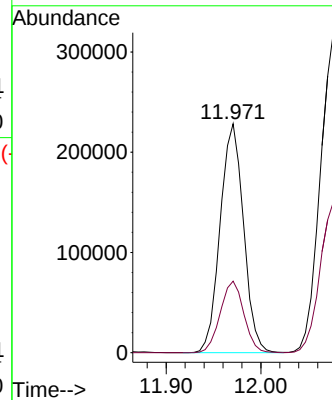
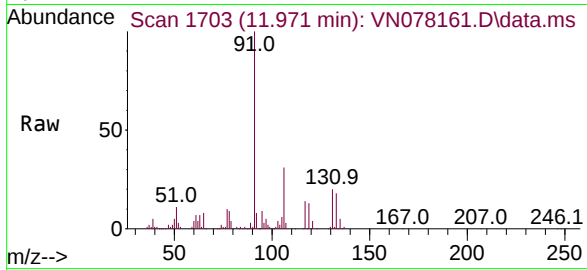
106 31.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#68

m/p-Xylenes

Concen: 35.083 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078161.D

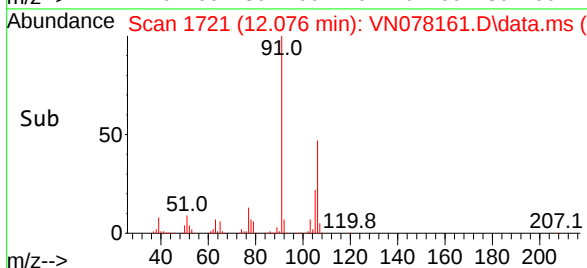
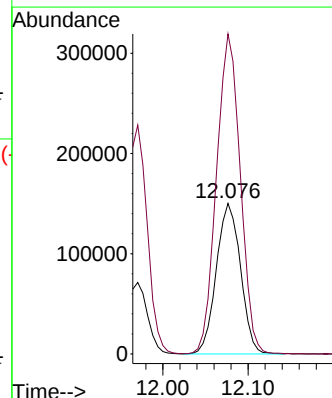
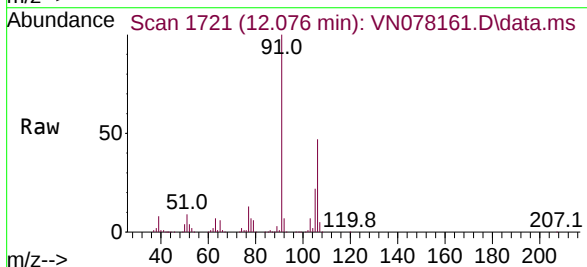
Acq: 12 Jun 2023 13:05

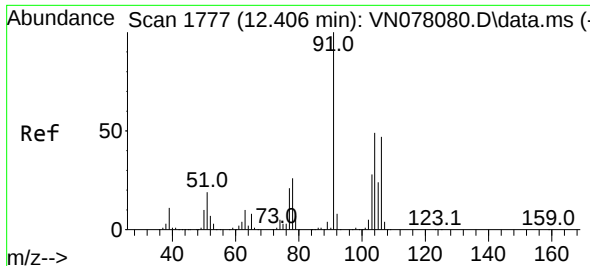
Tgt Ion:106 Resp: 296869

Ion Ratio Lower Upper

106 100

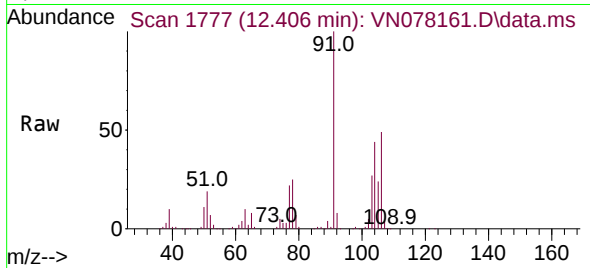
91 209.4 159.6 239.4





#69
o-Xylene
Concen: 17.796 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

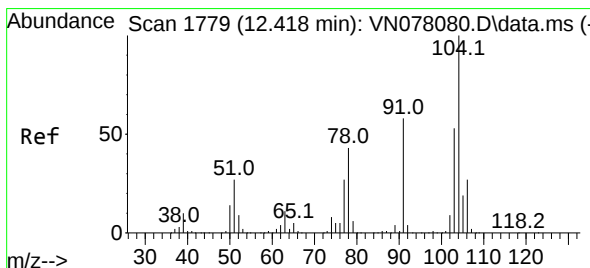
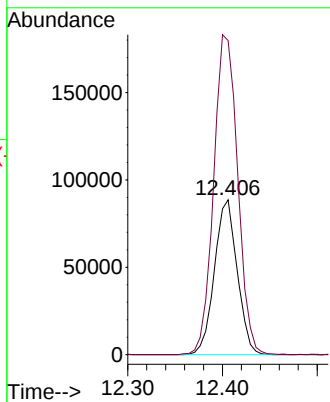
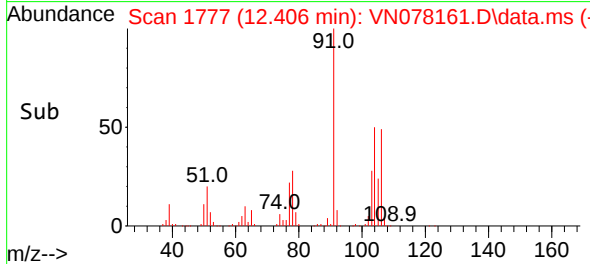
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion:106 Resp: 147884
Ion Ratio Lower Upper
106 100
91 218.5 105.2 315.5

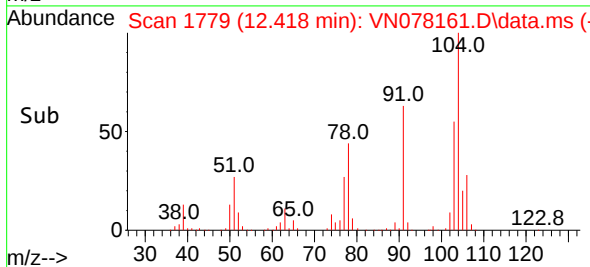
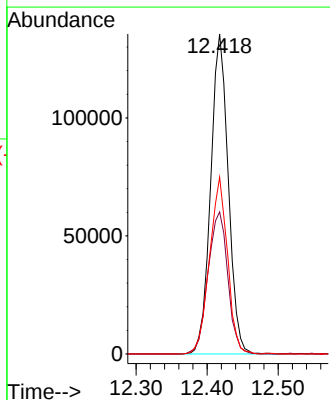
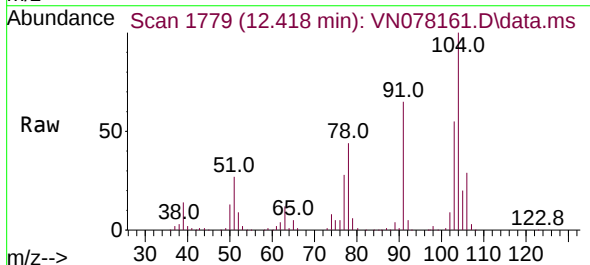
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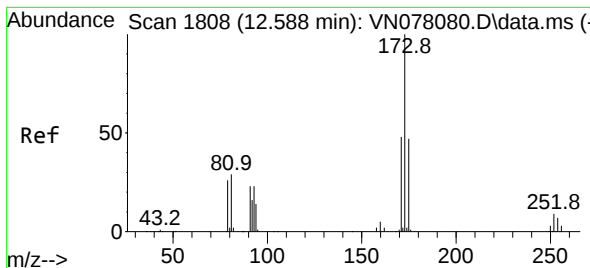
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#70
Styrene
Concen: 17.797 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion:104 Resp: 232817
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 56.5 43.2 64.8





#71

Bromoform

Concen: 18.309 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

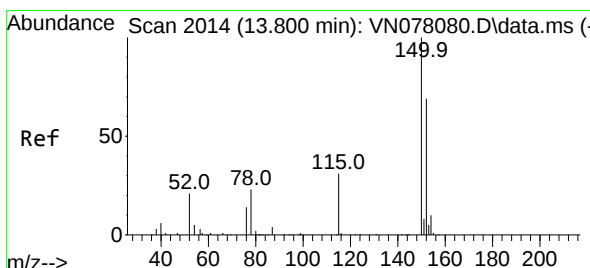
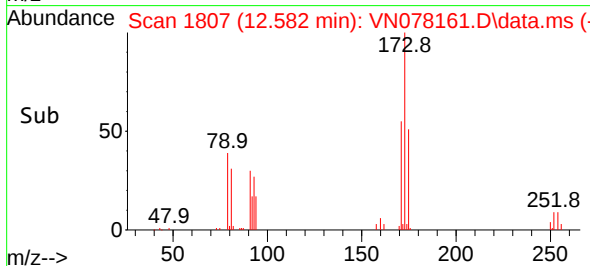
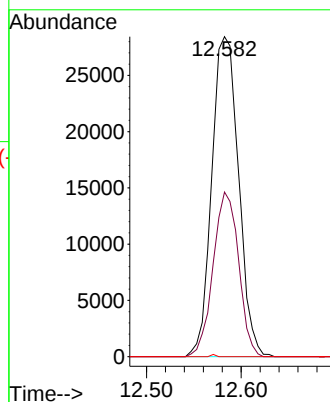
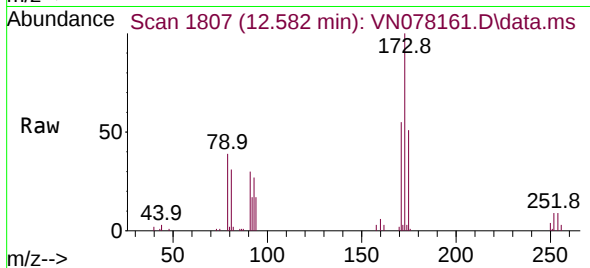
Tgt Ion:173 Resp: 55922
 Ion Ratio Lower Upper
 173 100
 175 48.9 24.3 73.0
 254 0.1 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

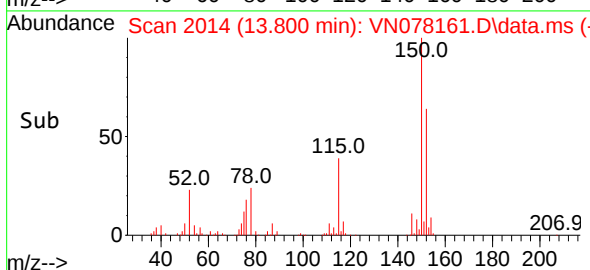
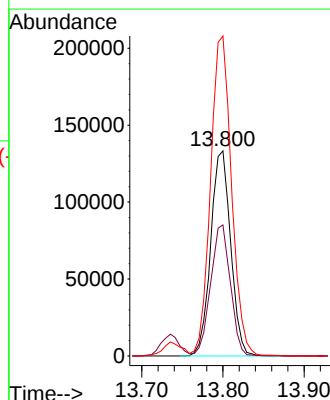
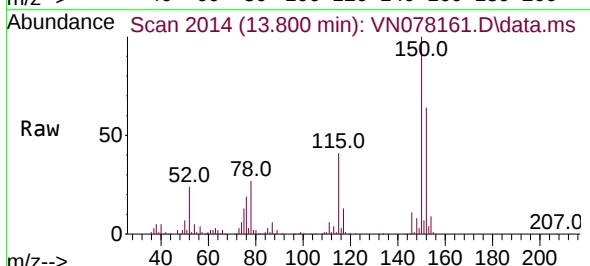
RT: 13.800 min Scan# 2014

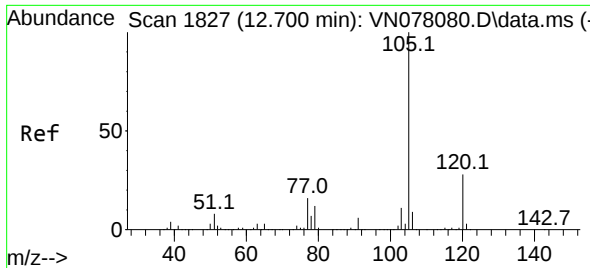
Delta R.T. 0.000 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

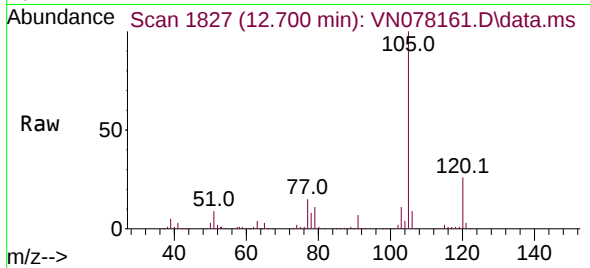
Tgt Ion:152 Resp: 227572
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 164.0 0.0 355.8





#73
Isopropylbenzene
Concen: 17.423 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

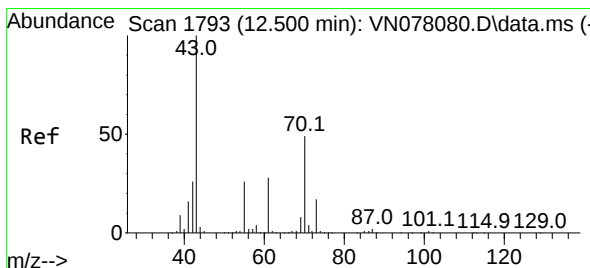
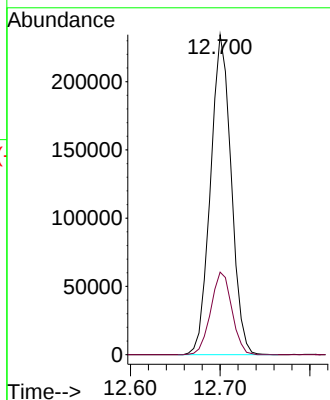
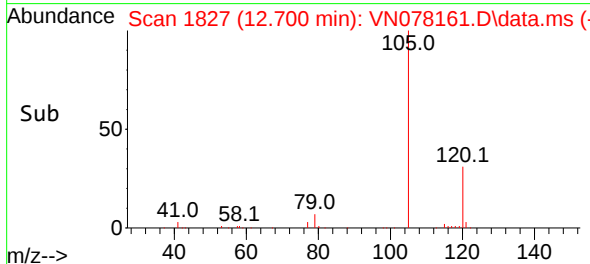
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



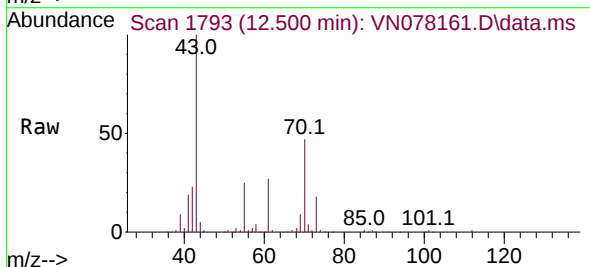
Tgt Ion:105 Resp: 374940
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

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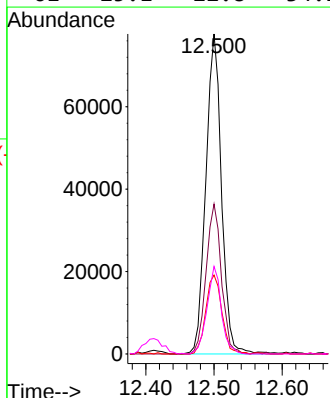
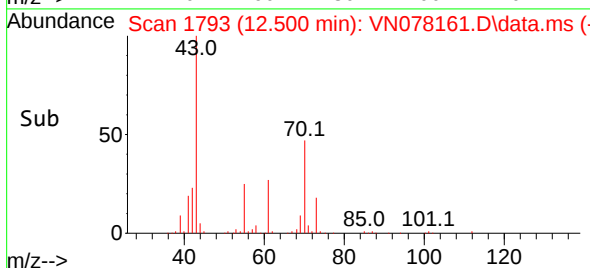
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

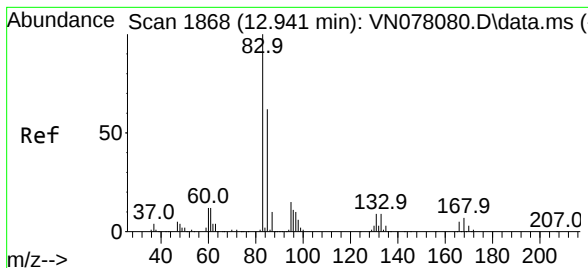


#74
N-ethyl acetate
Concen: 17.546 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05



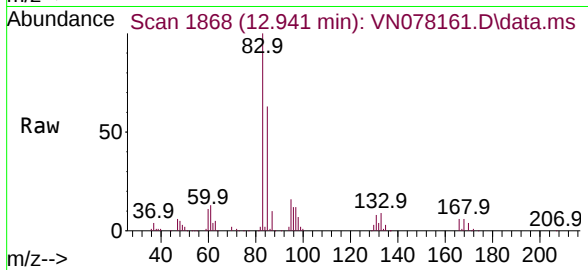
Tgt Ion: 43 Resp: 124344
Ion Ratio Lower Upper
43 100
70 45.8 43.4 65.2
55 25.3 21.4 32.0
61 25.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.129 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

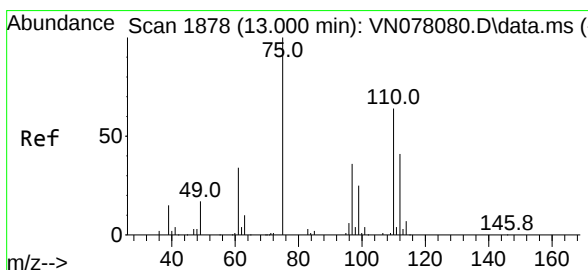
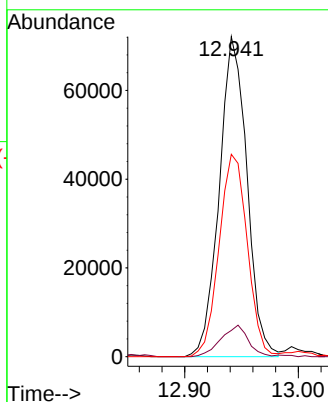
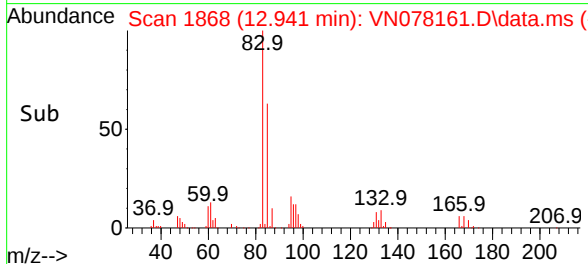
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 83 Resp: 12216
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.5 31.9 95.7

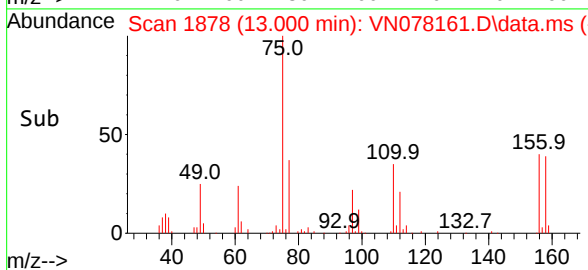
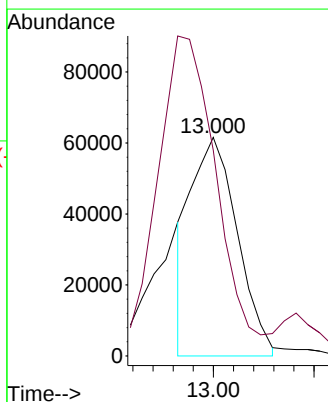
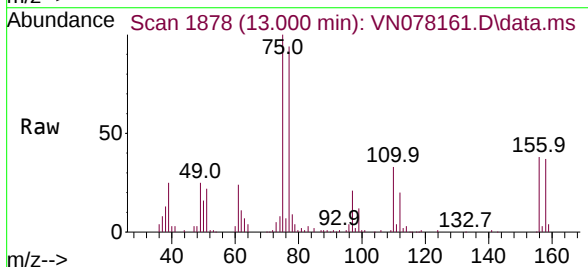
Manual Integrations
APPROVED

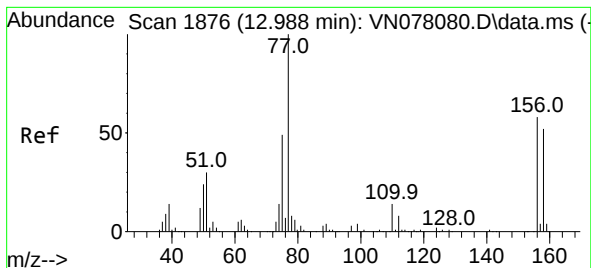
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#76
1,2,3-Trichloropropane
Concen: 18.375 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion: 75 Resp: 98853
Ion Ratio Lower Upper
75 100
77 185.7 84.5 253.5





#77

Bromobenzene

Concen: 16.820 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion:156 Resp: 84020

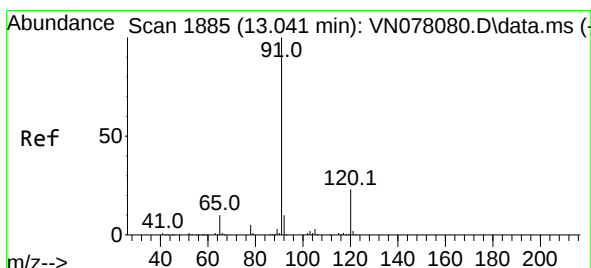
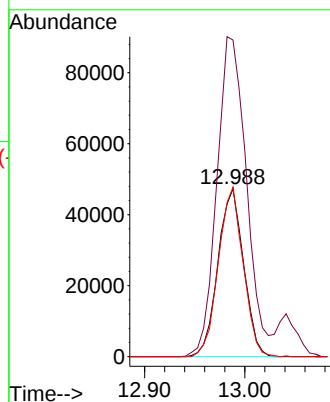
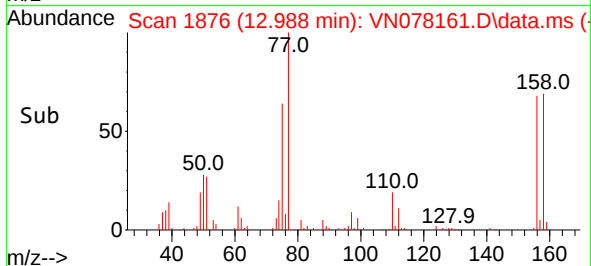
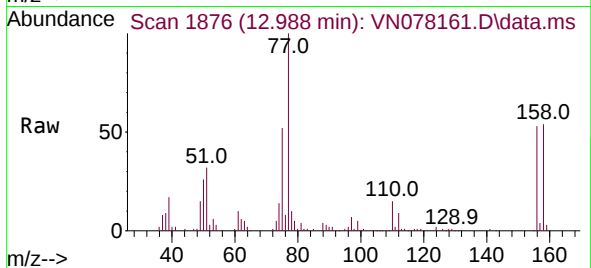
Ion	Ratio	Lower	Upper
156	100		
77	218.4	107.7	323.3
158	97.4	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#78

n-propylbenzene

Concen: 17.870 ug/l

RT: 13.041 min Scan# 1885

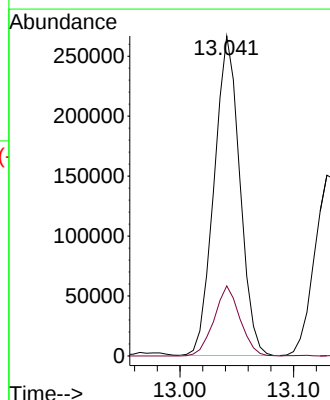
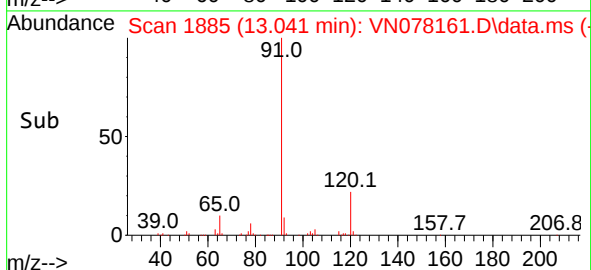
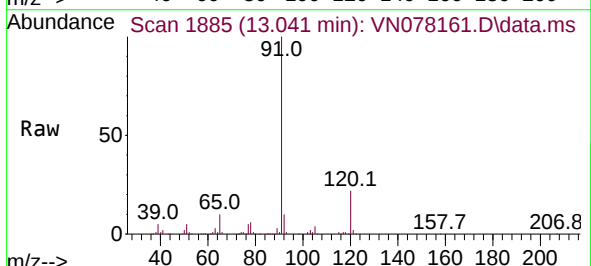
Delta R.T. 0.000 min

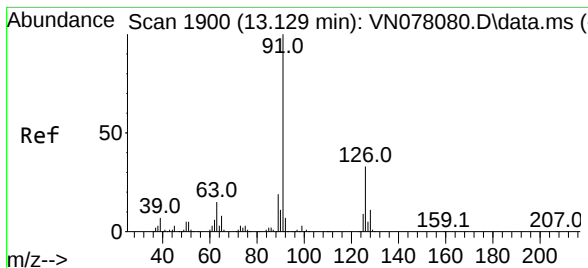
Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Tgt Ion: 91 Resp: 417826

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.5	34.4





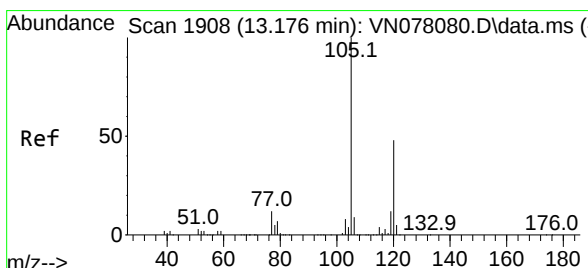
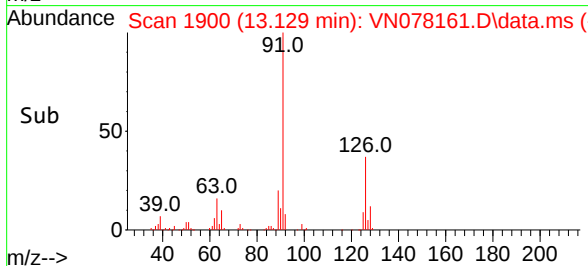
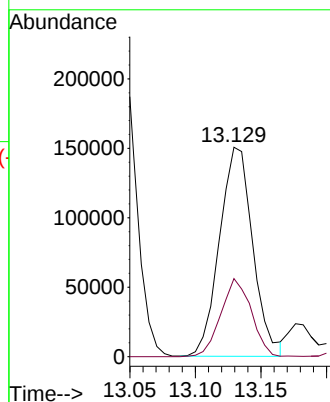
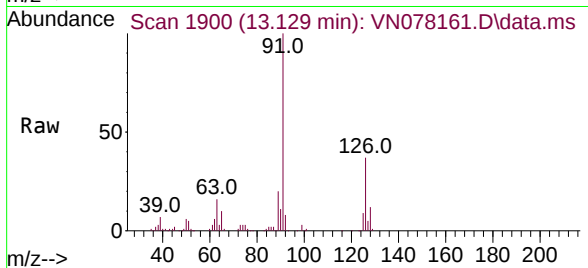
#79
2-Chlorotoluene
Concen: 17.637 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion: 91 Resp: 266180
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

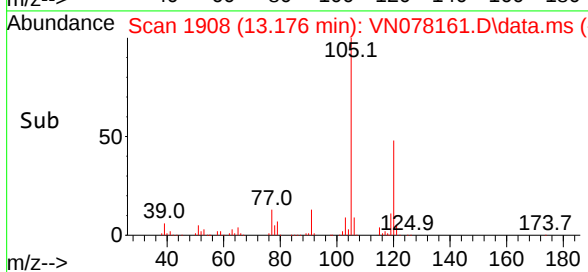
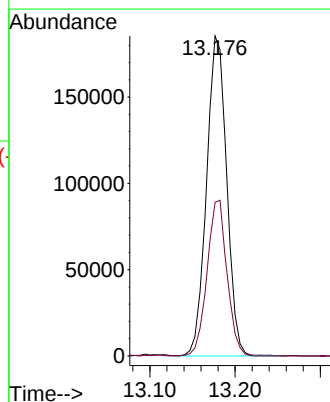
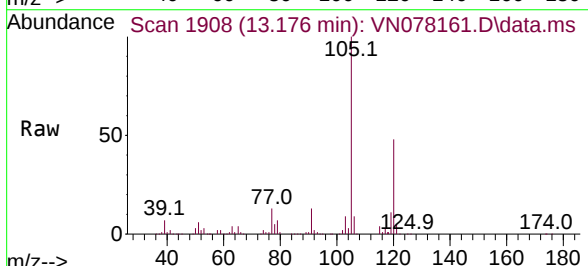
Manual Integrations
APPROVED

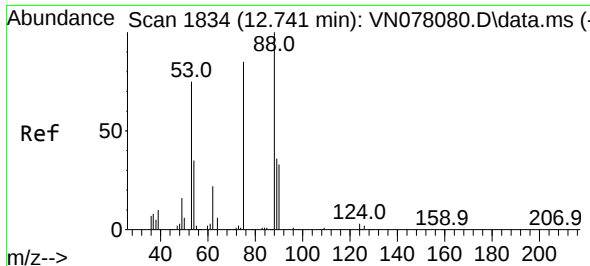
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.484 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

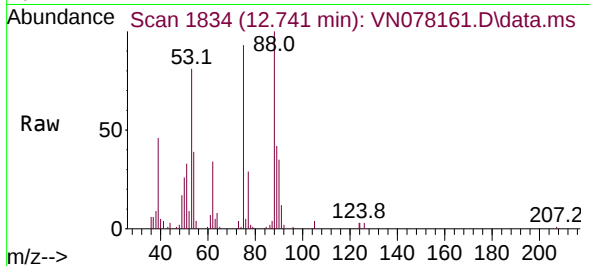
Tgt Ion:105 Resp: 304619
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.900 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

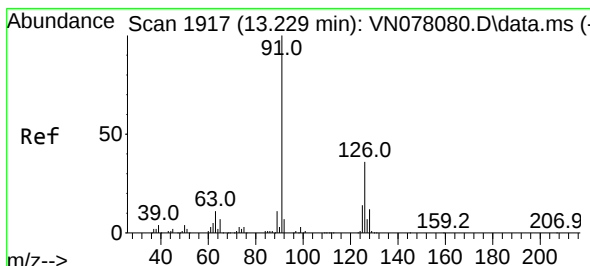
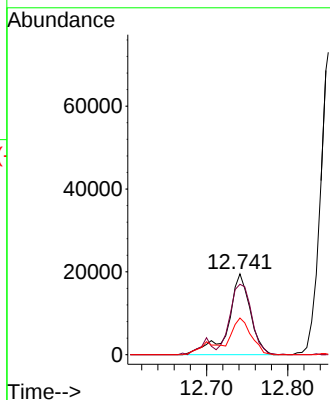
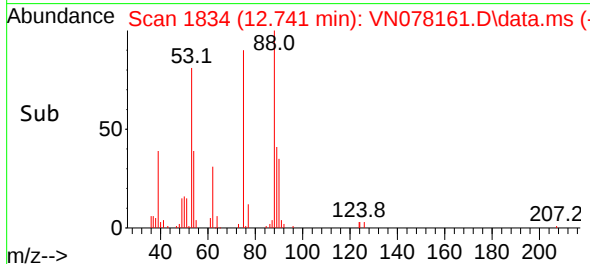
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



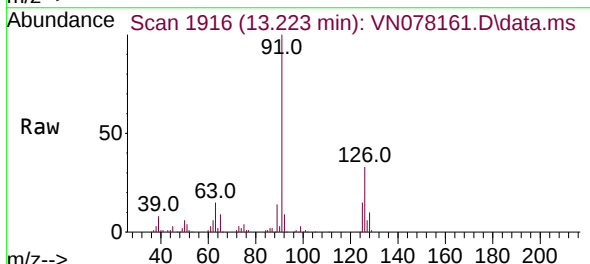
Tgt Ion: 75 Resp: 3659
Ion Ratio Lower Upper
75 100
53 86.7 67.4 101.2
89 40.6 38.8 58.2

Manual Integrations
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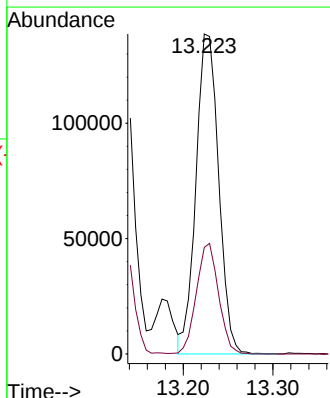
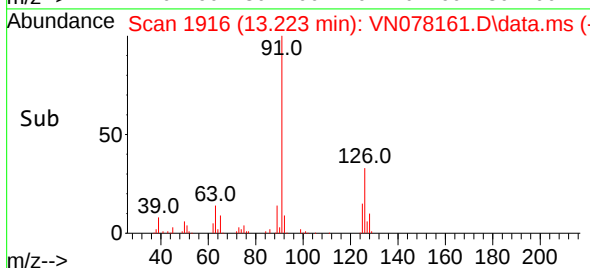
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

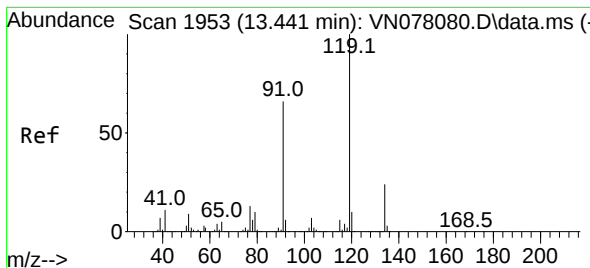


#82
4-Chlorotoluene
Concen: 17.309 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05



Tgt Ion: 91 Resp: 243808
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0





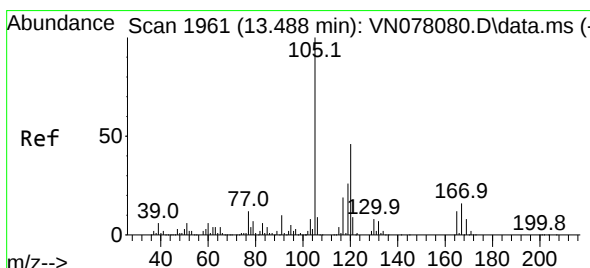
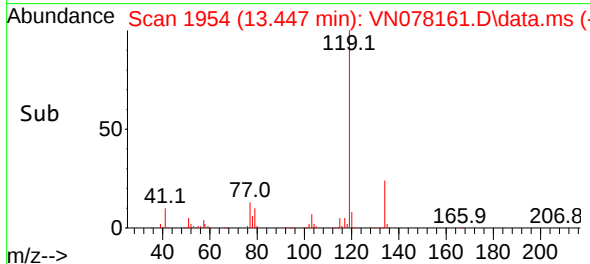
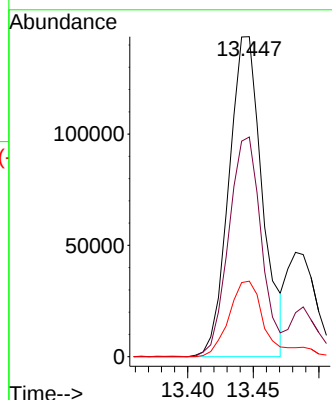
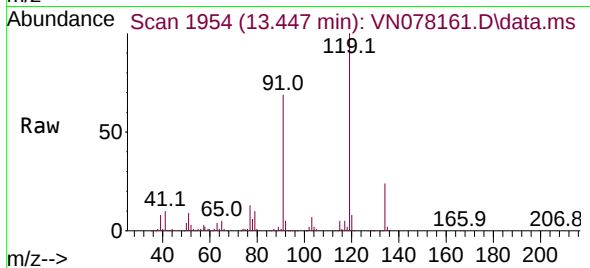
#83
tert-Butylbenzene
Concen: 16.871 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion:119 Resp: 255519
Ion Ratio Lower Upper
119 100
91 67.0 33.9 101.7
134 25.8 13.2 39.6

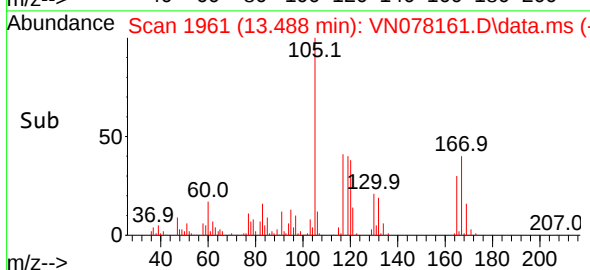
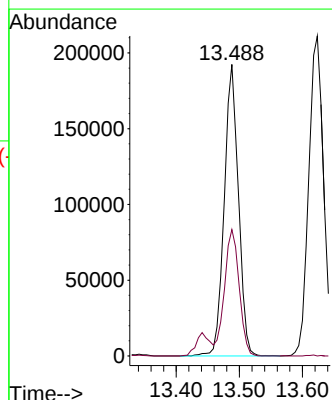
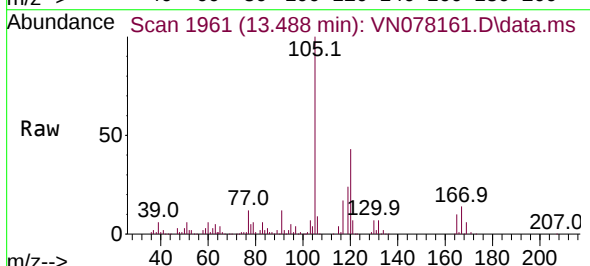
Manual Integrations
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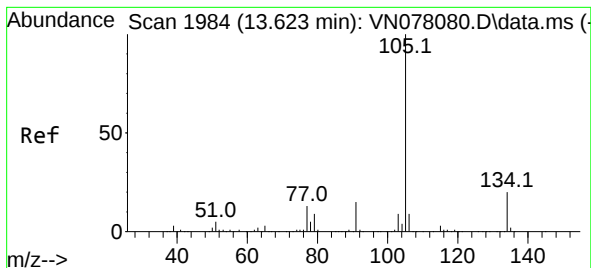
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 17.795 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

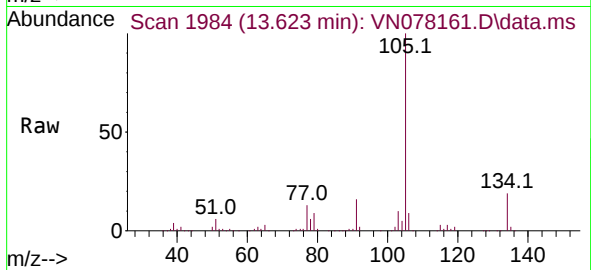
Tgt Ion:105 Resp: 300592
Ion Ratio Lower Upper
105 100
120 44.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.297 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078161.D
 Acq: 12 Jun 2023 13:05

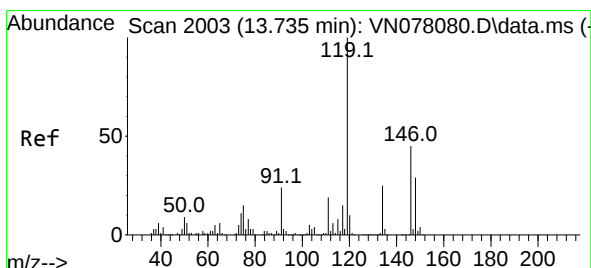
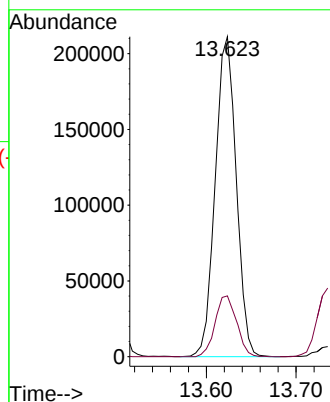
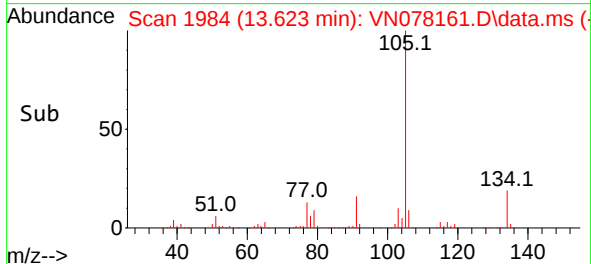
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01



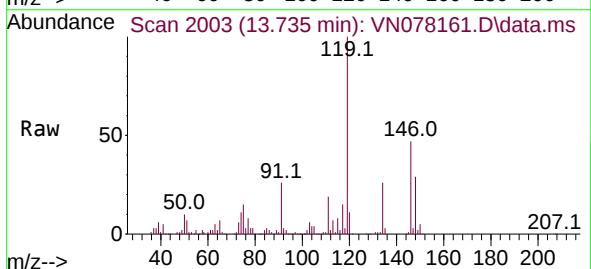
Tgt Ion:105 Resp: 34287
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
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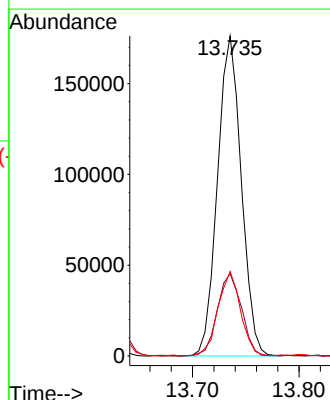
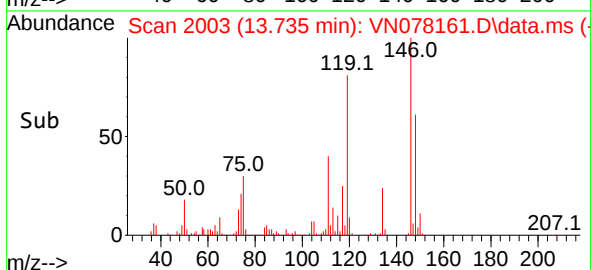
Reviewed By :John Carlone 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023

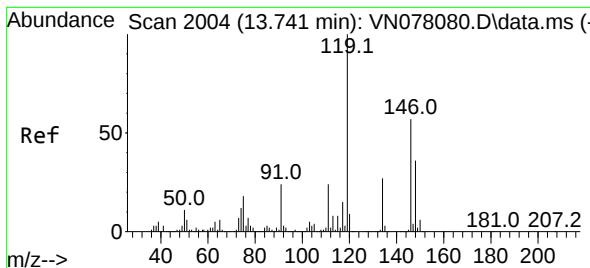


#86
 p-Isopropyltoluene
 Concen: 16.990 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078161.D
 Acq: 12 Jun 2023 13:05



Tgt Ion:119 Resp: 273307
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 25.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.023 ug/l

RT: 13.735 min Scan# 2004

Delta R.T. -0.006 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion:146 Resp: 14384

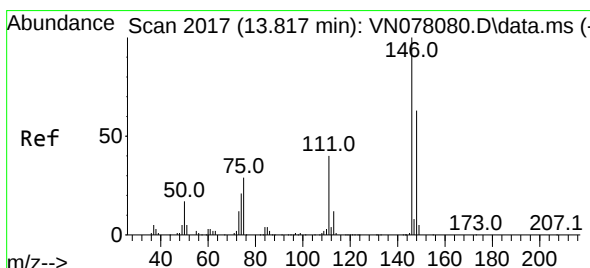
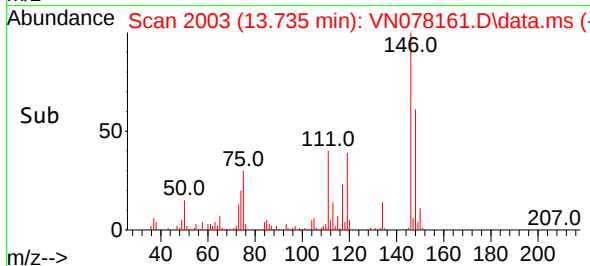
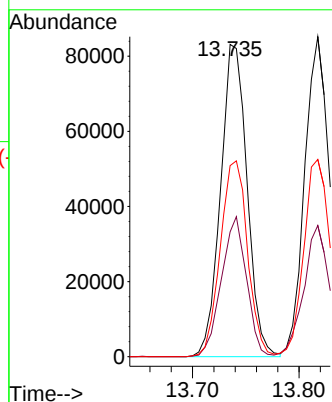
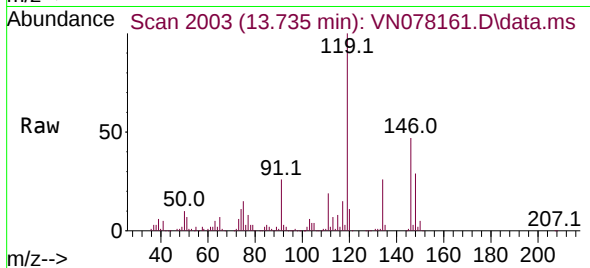
Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.1	66.3
148	64.4	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#88

1,4-Dichlorobenzene

Concen: 17.184 ug/l

RT: 13.818 min Scan# 2017

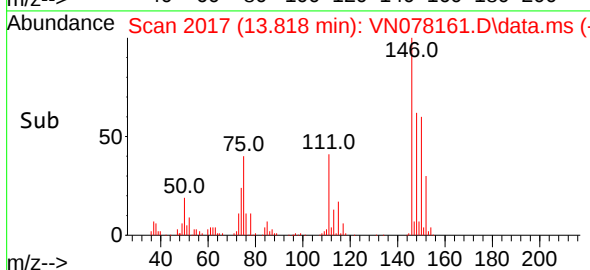
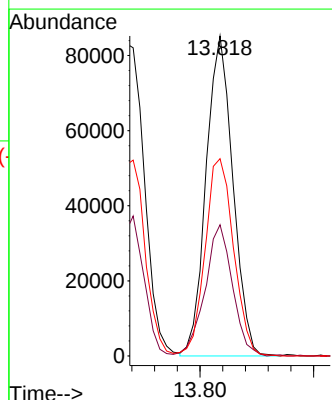
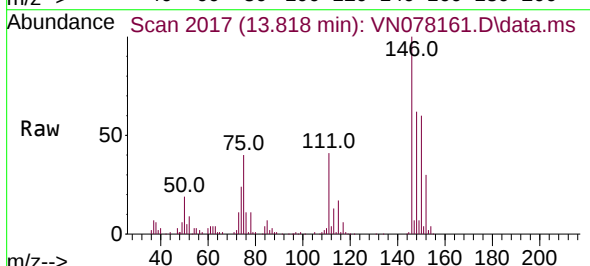
Delta R.T. 0.000 min

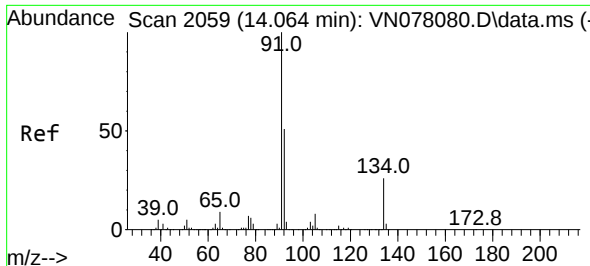
Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Tgt Ion:146 Resp: 140119

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.6	61.8
148	65.5	31.6	94.8





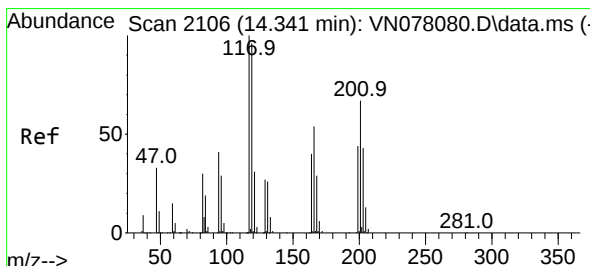
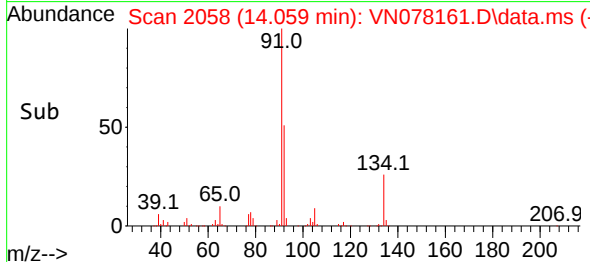
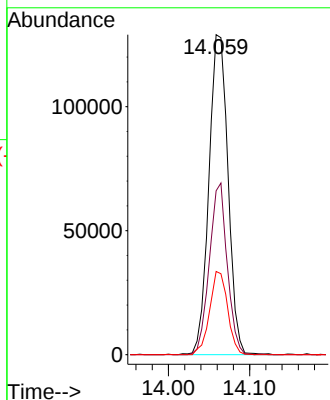
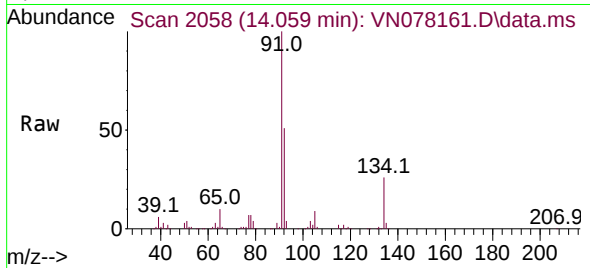
#89
n-Butylbenzene
Concen: 16.611 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion: 91 Resp: 210760
Ion Ratio Lower Upper
91 100
92 50.1 26.4 79.0
134 24.5 12.6 37.6

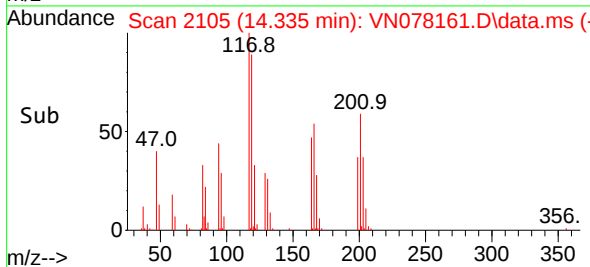
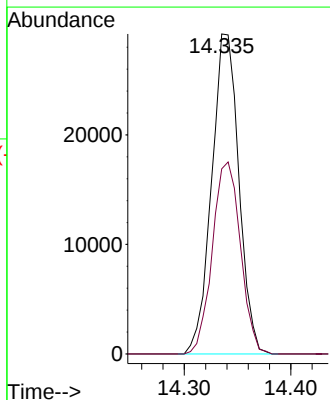
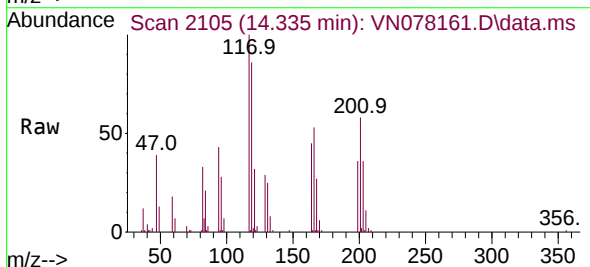
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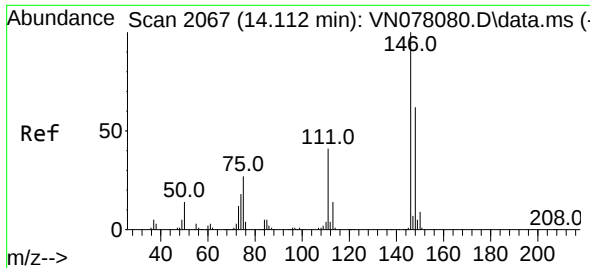
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#90
Hexachloroethane
Concen: 18.133 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion:117 Resp: 51765
Ion Ratio Lower Upper
117 100
201 61.8 29.3 88.0





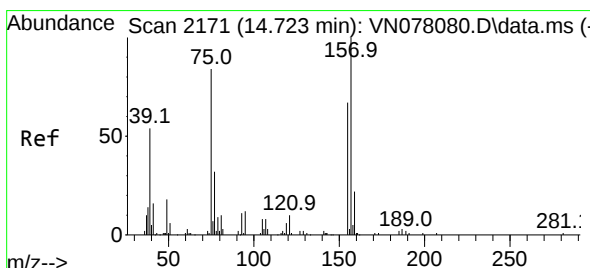
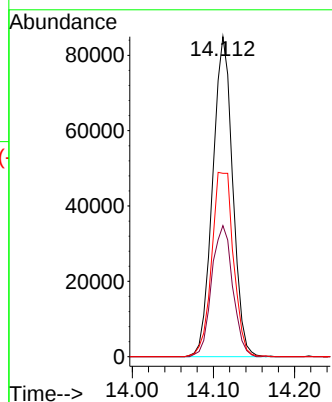
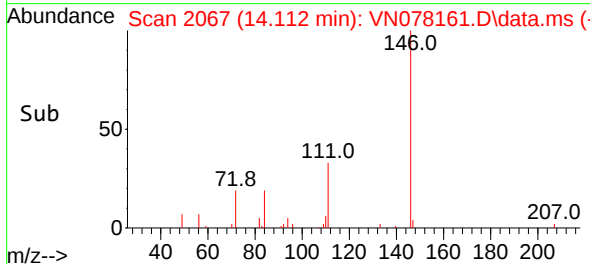
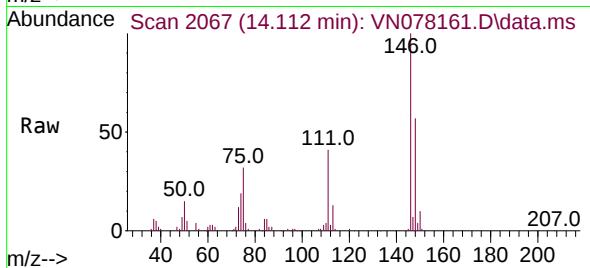
#91
1,2-Dichlorobenzene
Concen: 17.614 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion:146 Resp: 14546
Ion Ratio Lower Upper
146 100
111 43.0 22.0 66.0
148 62.8 31.8 95.3

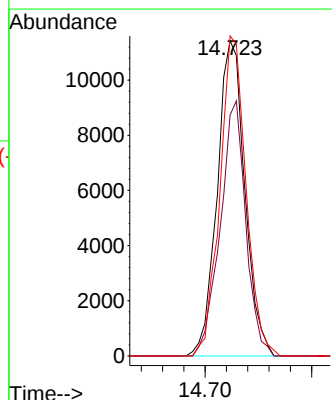
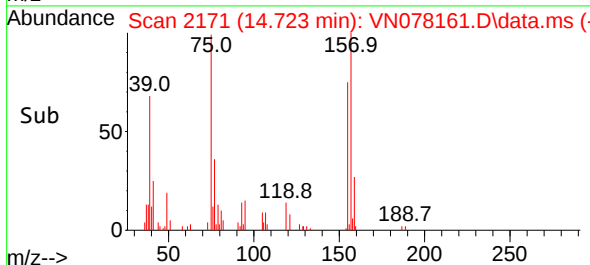
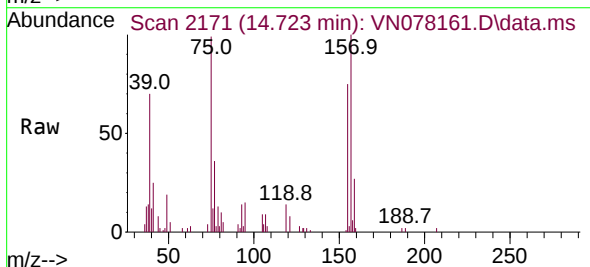
Manual Integrations
APPROVED

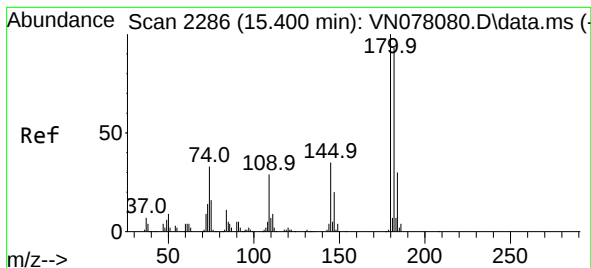
Reviewed By :John Carlone 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.261 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078161.D
Acq: 12 Jun 2023 13:05

Tgt Ion: 75 Resp: 20531
Ion Ratio Lower Upper
75 100
155 74.8 39.1 117.2
157 96.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.741 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion:180 Resp: 46310

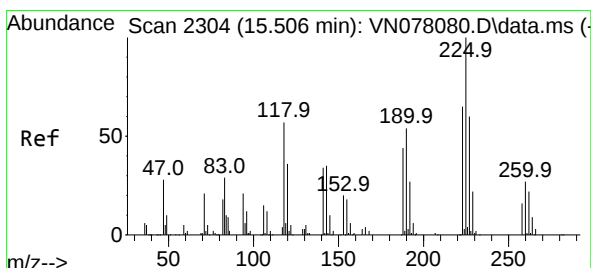
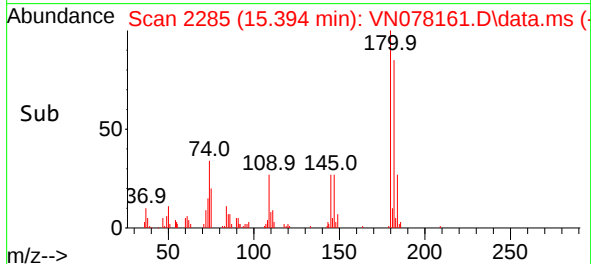
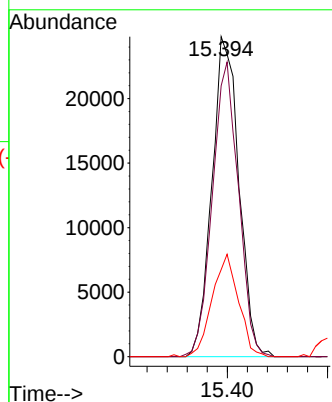
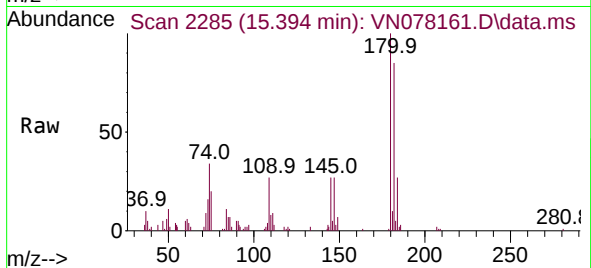
Ion	Ratio	Lower	Upper
180	100		
182	89.1	46.1	138.2
145	31.2	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#94

Hexachlorobutadiene

Concen: 16.577 ug/l

RT: 15.506 min Scan# 2304

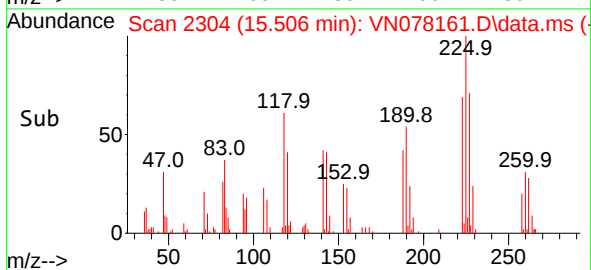
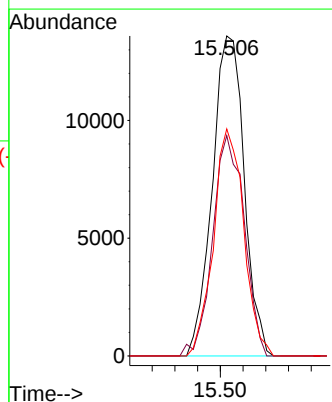
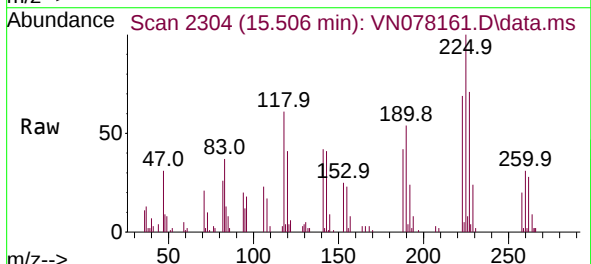
Delta R.T. -0.000 min

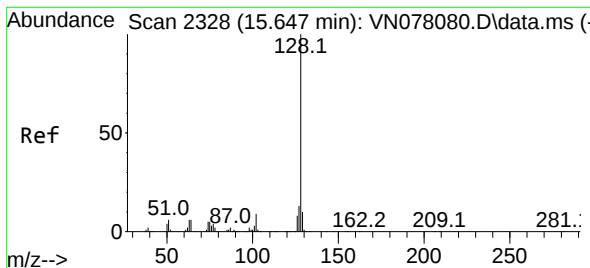
Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Tgt Ion:225 Resp: 26492

Ion	Ratio	Lower	Upper
225	100		
223	67.9	31.3	93.8
227	67.4	31.9	95.9





#95

Naphthalene

Concen: 14.241 ug/l

RT: 15.641 min Scan# 2328

Delta R.T. -0.006 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion:128 Resp: 140949

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

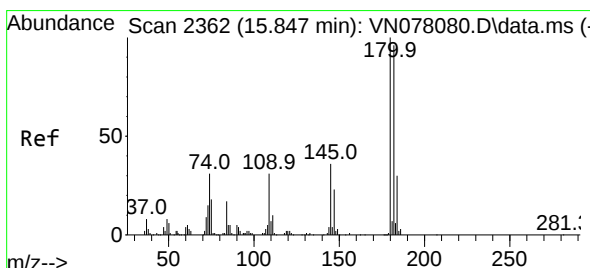
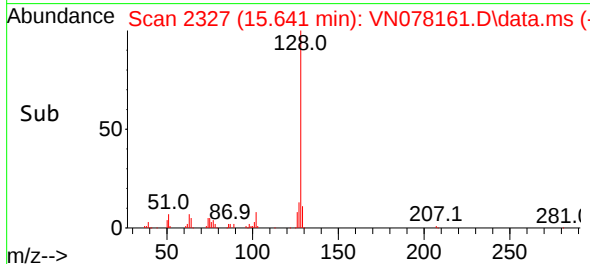
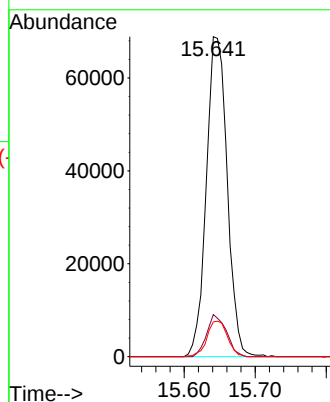
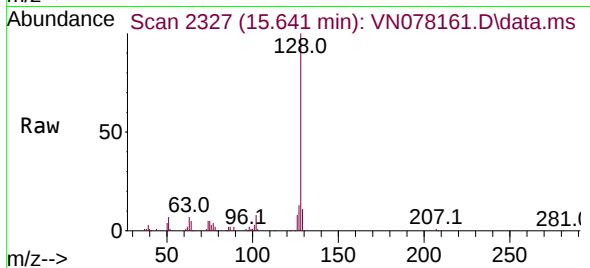
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.087 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078161.D

Acq: 12 Jun 2023 13:05

Tgt Ion:180 Resp: 52940

Ion Ratio Lower Upper

180 100

182 94.7 46.2 138.6

145 32.9 17.5 52.6

