

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078180.D
 Acq On : 13 Jun 2023 12:13
 Operator : JC\MD
 Sample : VN0613MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS01

Quant Time: Jun 14 02:17:24 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	8.235	168	409949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	730106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	639572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	236015	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	278929	51.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.060%	
35) Dibromofluoromethane	8.177	113	230551	49.942	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.880%	
50) Toluene-d8	10.570	98	881231	49.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	12.853	95	269741	48.756	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	71317	15.390	ug/l	89
3) Chloromethane	2.371	50	87911	19.035	ug/l	95
4) Vinyl Chloride	2.524	62	108874	17.942	ug/l	95
5) Bromomethane	2.959	94	85750	18.699	ug/l	95
6) Chloroethane	3.124	64	75411	18.230	ug/l	90
7) Trichlorofluoromethane	3.506	101	141437	17.188	ug/l	99
8) Diethyl Ether	3.977	74	51749	17.898	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	77084	17.750	ug/l	97
10) Methyl Iodide	4.594	142	109112	17.766	ug/l	96
11) Tert butyl alcohol	5.530	59	73650	97.585	ug/l	97
12) 1,1-Dichloroethene	4.341	96	77769	17.372	ug/l #	88
13) Acrolein	4.194	56	71854	86.383	ug/l	98
14) Allyl chloride	5.036	41	98223	17.974	ug/l	92
15) Acrylonitrile	5.730	53	198192	101.857	ug/l	99
16) Acetone	4.441	43	149099	94.770	ug/l	93
17) Carbon Disulfide	4.718	76	189663	16.460	ug/l	97
18) Methyl Acetate	5.041	43	140618	19.413	ug/l #	86
19) Methyl tert-butyl Ether	5.806	73	262961	18.411	ug/l	99
20) Methylene Chloride	5.294	84	92021	17.700	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	86306	17.875	ug/l	88
22) Diisopropyl ether	6.683	45	251544	19.569	ug/l	96
23) Vinyl Acetate	6.612	43	734593	96.138	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	162531	19.167	ug/l	95
25) 2-Butanone	7.488	43	246069	101.708	ug/l	91
26) 2,2-Dichloropropane	7.494	77	127759	20.405	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	102333	17.768	ug/l	91
28) Bromochloromethane	7.824	49	71777	18.436	ug/l	87
29) Tetrahydrofuran	7.847	42	149469	92.415	ug/l	88
30) Chloroform	7.971	83	172894	18.935	ug/l	93
31) Cyclohexane	8.271	56	126783	18.082	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	150657	18.794	ug/l	99
36) 1,1-Dichloropropene	8.377	75	121396	18.333	ug/l	98
37) Ethyl Acetate	7.571	43	99611	19.257	ug/l	95
38) Carbon Tetrachloride	8.371	117	134828	19.284	ug/l	95
39) Methylcyclohexane	9.606	83	113401	16.525	ug/l	91
40) Benzene	8.612	78	372613	18.849	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	53306	19.012	ug/l	93
42) 1,2-Dichloroethane	8.682	62	131173	19.353	ug/l	98
43) Isopropyl Acetate	8.694	43	181284	18.325	ug/l #	93
44) Trichloroethene	9.359	130	94266	18.057	ug/l	97
45) 1,2-Dichloropropane	9.623	63	96639	19.649	ug/l	97
46) Dibromomethane	9.718	93	69956	19.310	ug/l	96
47) Bromodichloromethane	9.894	83	137345	20.410	ug/l	95
48) Methyl methacrylate	9.682	41	82394	19.846	ug/l	87
49) 1,4-Dioxane	9.700	88	32310	370.287	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	527410	101.241	ug/l	92
52) Toluene	10.635	92	236603	18.957	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	134245	19.155	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	150808	19.467	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	95733	20.276	ug/l	98
56) Ethyl methacrylate	10.876	69	133995	19.491	ug/l	91
57) 1,3-Dichloropropane	11.170	76	159759	20.046	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	267280	96.239	ug/l	93
59) 2-Hexanone	11.200	43	365183	100.677	ug/l	90
60) Dibromochloromethane	11.365	129	100311	19.415	ug/l	98
61) 1,2-Dibromoethane	11.476	107	97377	19.653	ug/l	97
64) Tetrachloroethene	11.112	164	78922	18.497	ug/l	96
65) Chlorobenzene	11.894	112	247911	18.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	93450	18.550	ug/l	97
67) Ethyl Benzene	11.970	91	435469	18.426	ug/l	97
68) m/p-Xylenes	12.076	106	327886	36.404	ug/l	99
69) o-Xylene	12.400	106	160498	18.146	ug/l	94
70) Styrene	12.417	104	250778	18.010	ug/l	97
71) Bromoform	12.582	173	62455	19.211	ug/l #	100
73) Isopropylbenzene	12.700	105	408470	18.302	ug/l	99
74) N-amyl acetate	12.500	43	130403	17.743	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	132831	20.180	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	152191	27.277	ug/l	71
77) Bromobenzene	12.988	156	92570	17.867	ug/l	98
78) n-propylbenzene	13.041	91	453504	18.703	ug/l	100
79) 2-Chlorotoluene	13.129	91	286634	18.313	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	333517	18.458	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	32297	17.784	ug/l #	75
82) 4-Chlorotoluene	13.229	91	268241	18.362	ug/l	100
83) tert-Butylbenzene	13.441	119	284353	18.104	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	329009	18.781	ug/l	99
85) sec-Butylbenzene	13.623	105	367114	17.857	ug/l	100
86) p-Isopropyltoluene	13.735	119	297557	17.836	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	154785	17.662	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	147077	17.393	ug/l	98
89) n-Butylbenzene	14.064	91	214897	16.331	ug/l	99
90) Hexachloroethane	14.341	117	53798	18.171	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	157053	18.337	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20701	18.726	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	44310	14.520	ug/l	93
94) Hexachlorobutadiene	15.505	225	25408	15.117	ug/l	97
95) Naphthalene	15.647	128	142909	13.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	53006	15.531	ug/l	96

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VN0613MBSD01

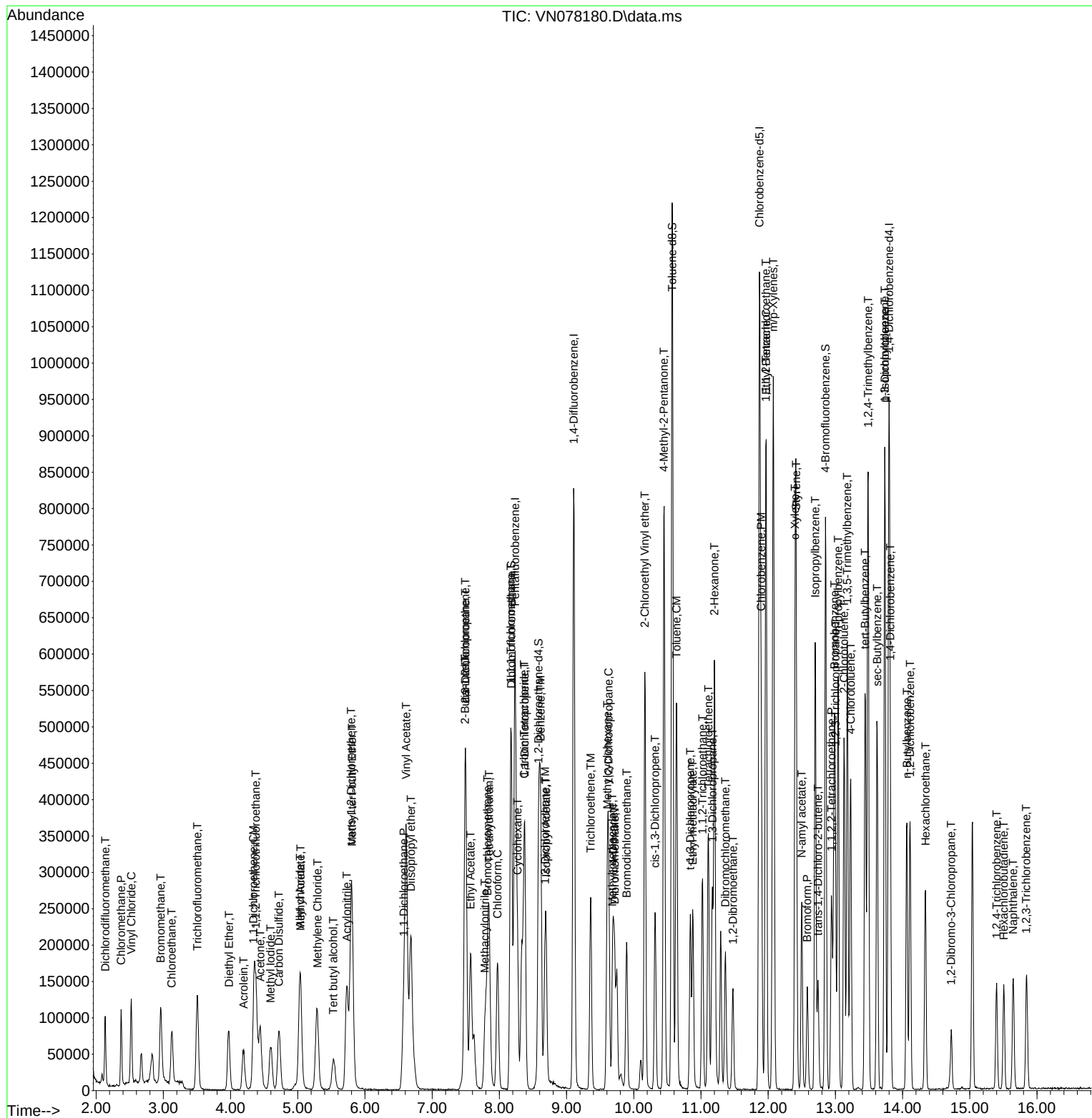
Quant Time: Jun 14 02:17:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

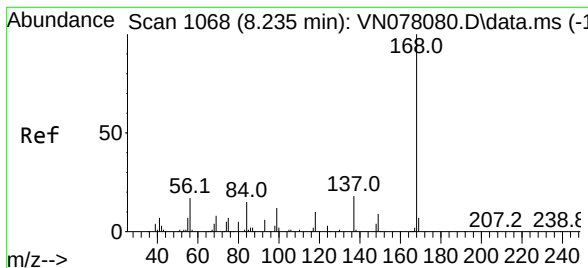
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
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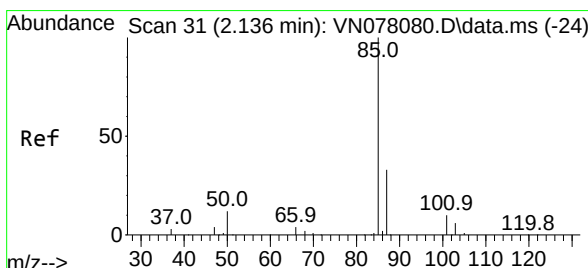
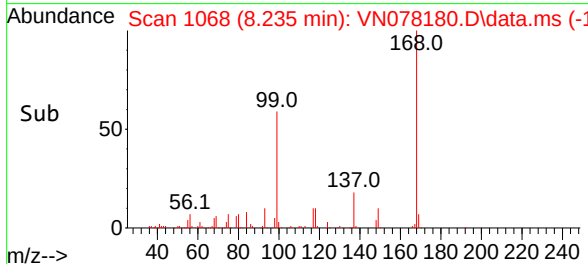
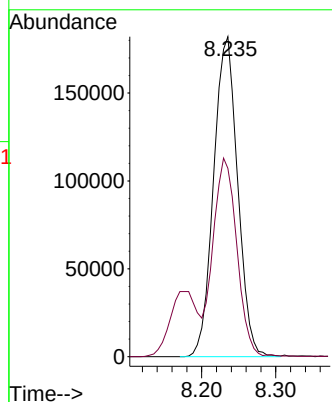
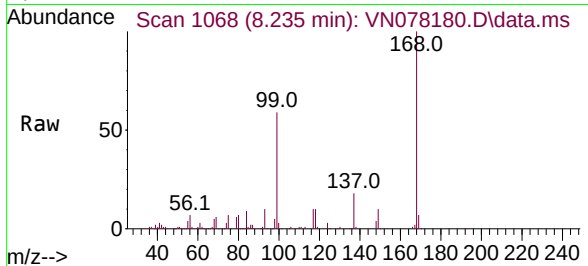




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
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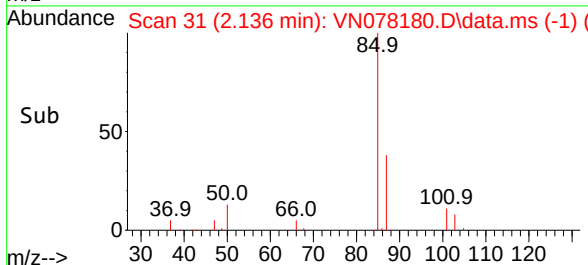
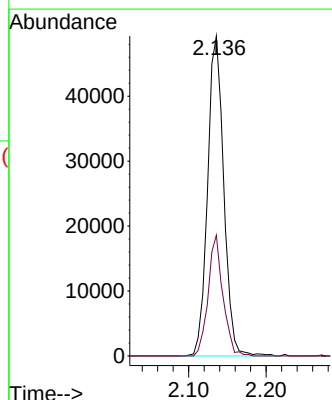
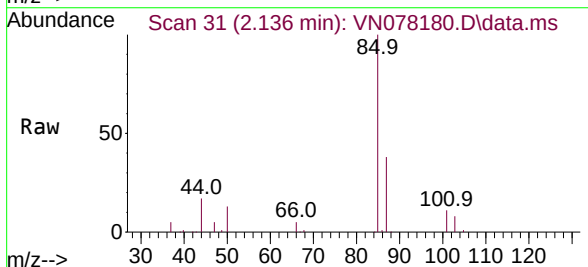
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

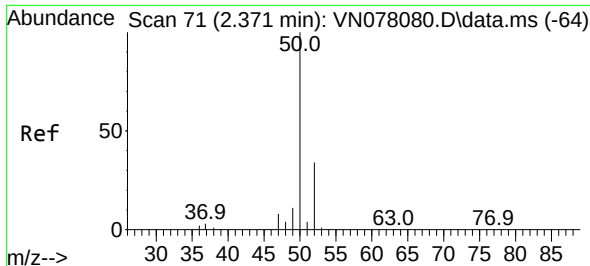
Tgt Ion:168 Resp: 409949
Ion Ratio Lower Upper
168 100
99 58.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 15.390 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 85 Resp: 71317
Ion Ratio Lower Upper
85 100
87 37.8 15.8 47.4

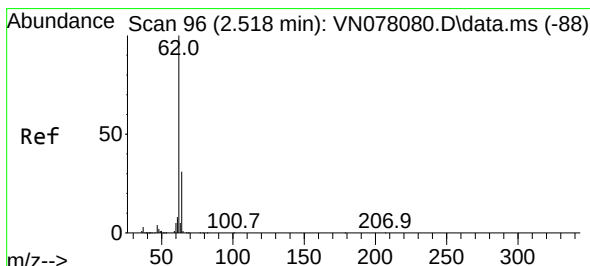
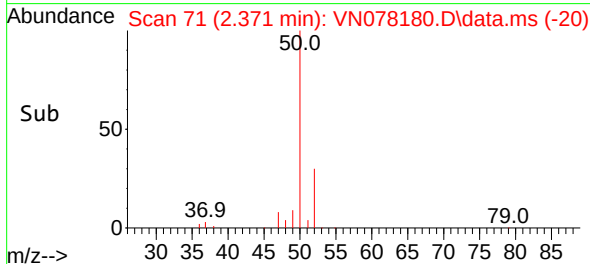
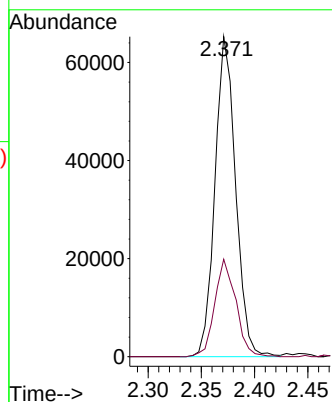
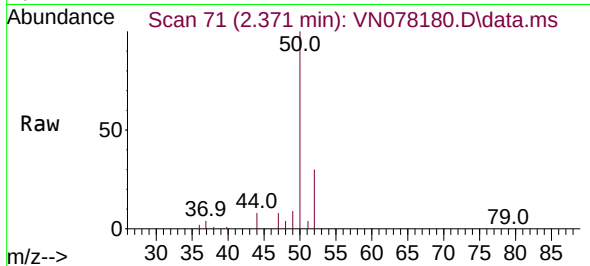




#3
 Chloromethane
 Concen: 19.035 ug/l
 RT: 2.371 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

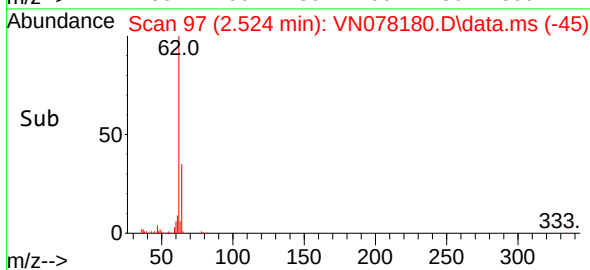
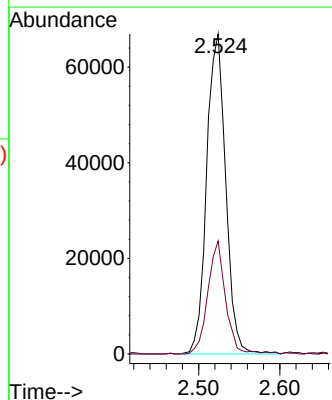
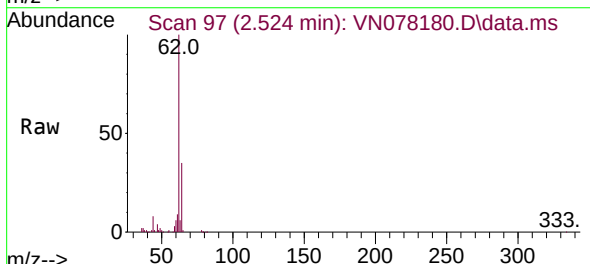
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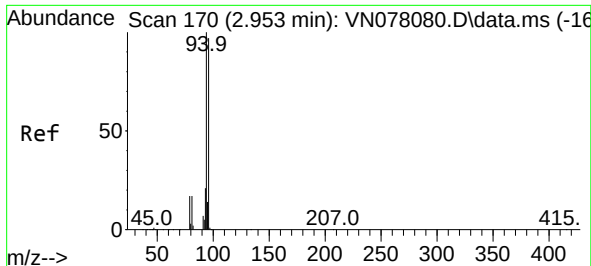
Tgt Ion: 50 Resp: 87911
 Ion Ratio Lower Upper
 50 100
 52 30.4 26.5 39.7



#4
 Vinyl Chloride
 Concen: 17.942 ug/l
 RT: 2.524 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

Tgt Ion: 62 Resp: 108874
 Ion Ratio Lower Upper
 62 100
 64 35.3 26.2 39.2

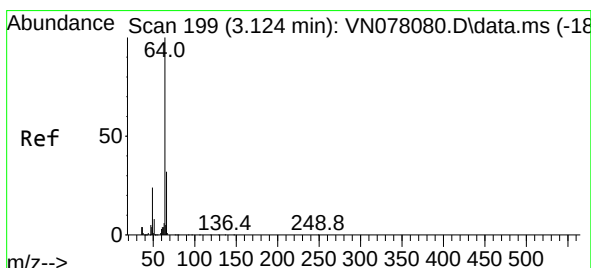
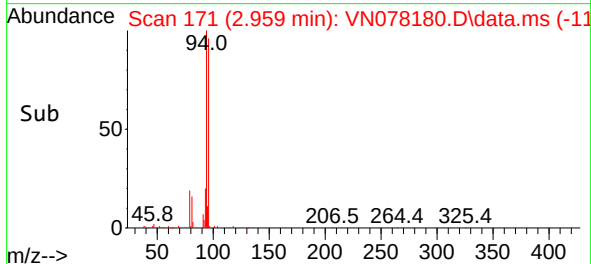
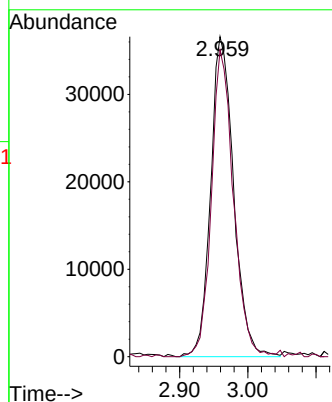
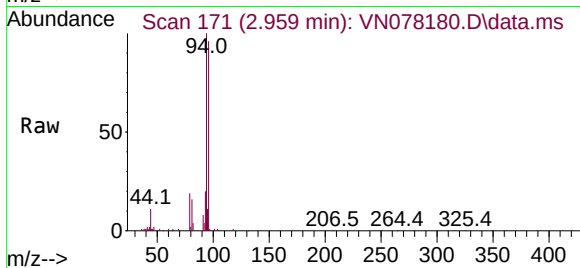




#5
Bromomethane
Concen: 18.699 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

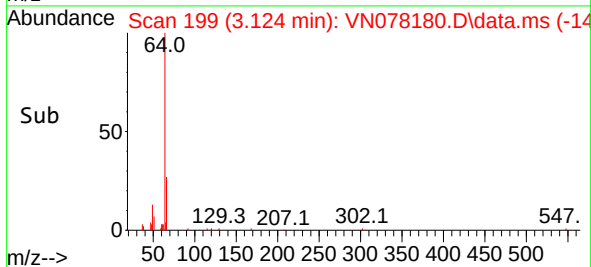
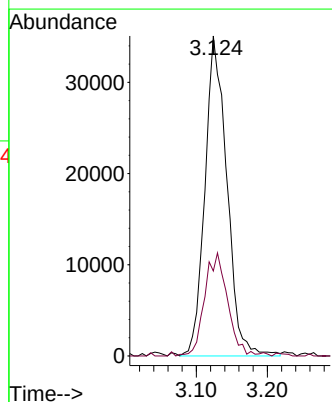
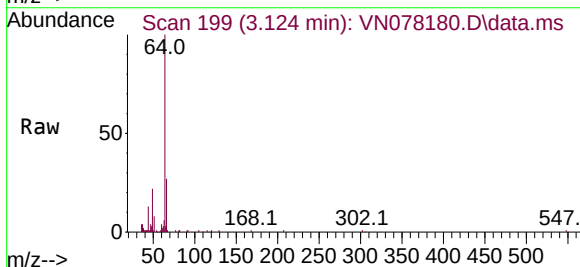
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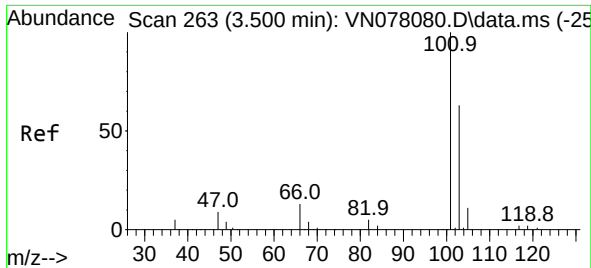
Tgt Ion: 94 Resp: 85750
Ion Ratio Lower Upper
94 100
96 95.8 73.1 109.7



#6
Chloroethane
Concen: 18.230 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 64 Resp: 75411
Ion Ratio Lower Upper
64 100
66 26.1 25.4 38.2

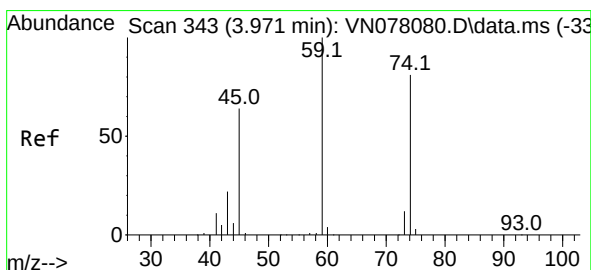
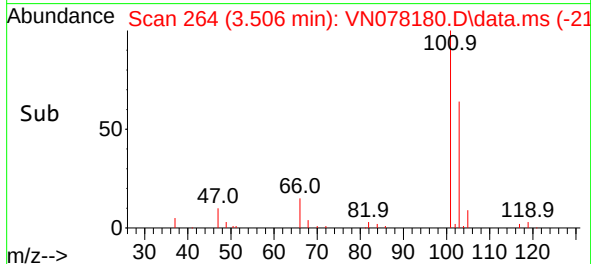
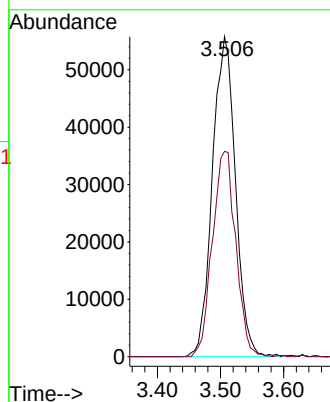
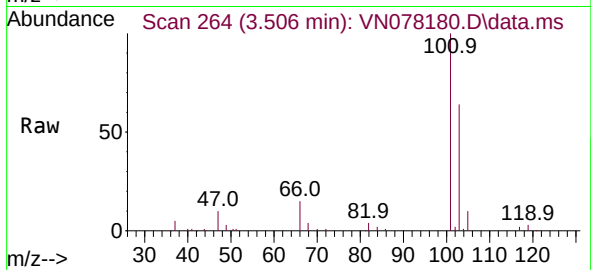




#7
 Trichlorofluoromethane
 Concen: 17.188 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

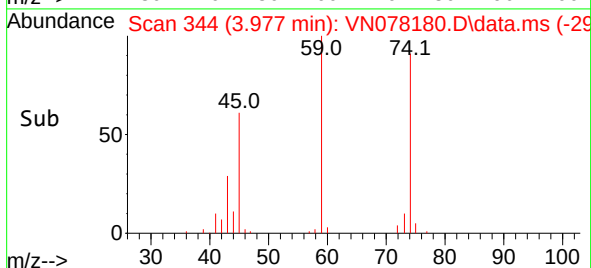
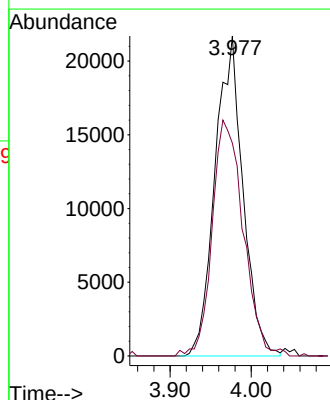
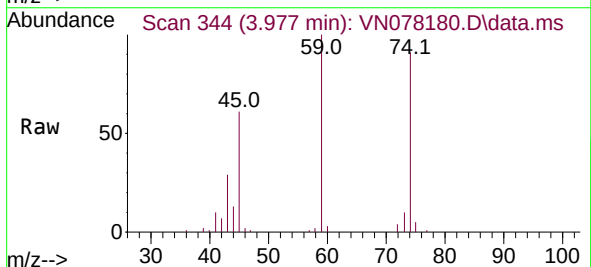
Instrument :
 MSVOA_N
 ClientSampleId :
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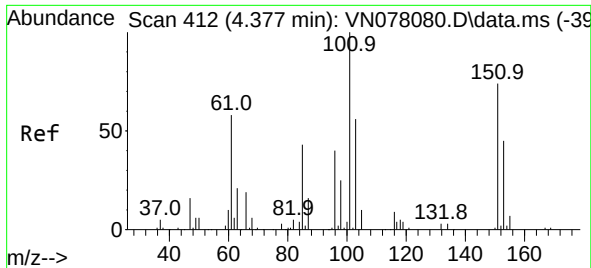
Tgt Ion:101 Resp: 141437
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 17.898 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.006 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

Tgt Ion: 74 Resp: 51749
 Ion Ratio Lower Upper
 74 100
 45 82.0 34.4 103.3

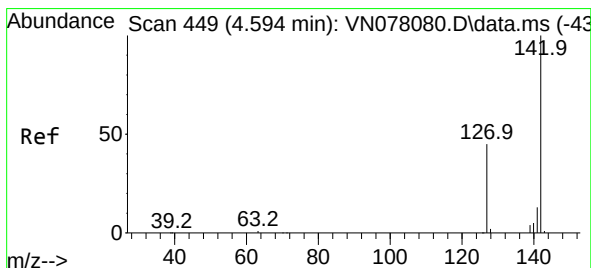
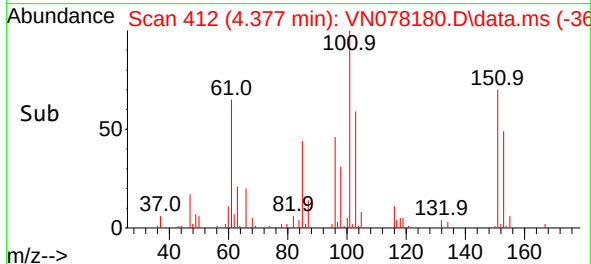
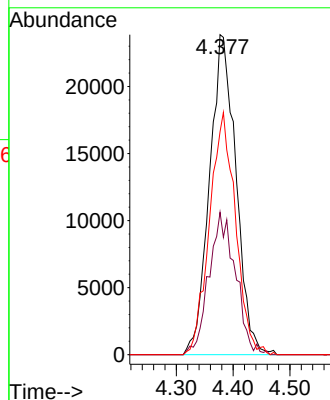
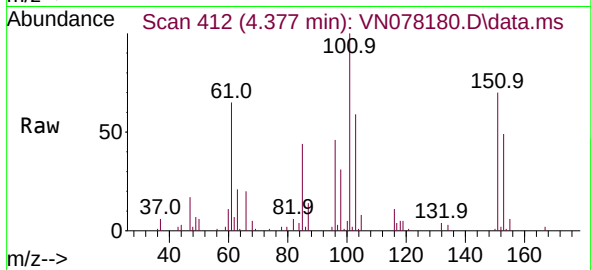




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.750 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

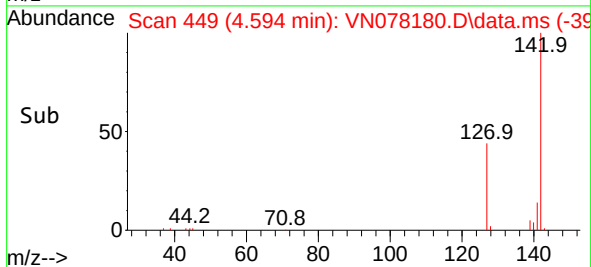
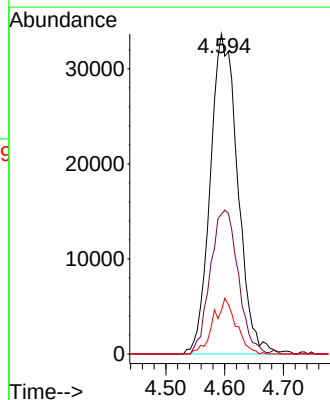
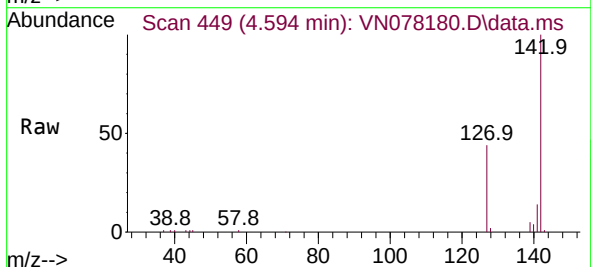
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

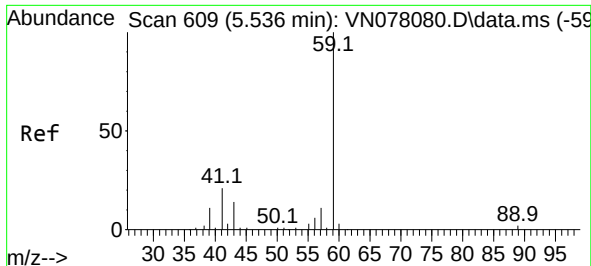
Tgt Ion:101 Resp: 77084
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 74.6 57.6 86.4



#10
Methyl Iodide
Concen: 17.766 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion:142 Resp: 109112
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 13.6 11.4 17.0

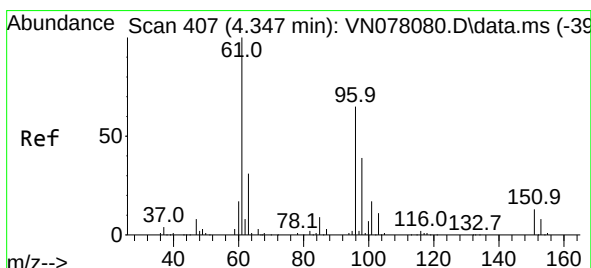
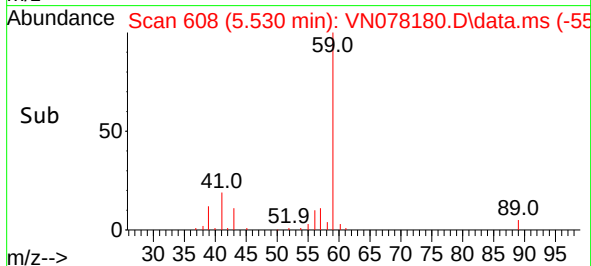
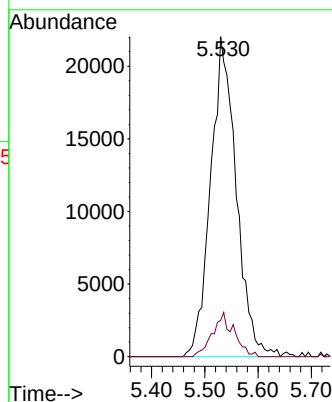
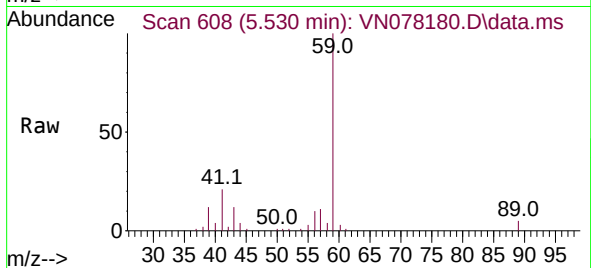




#11
Tert butyl alcohol
Concen: 97.585 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

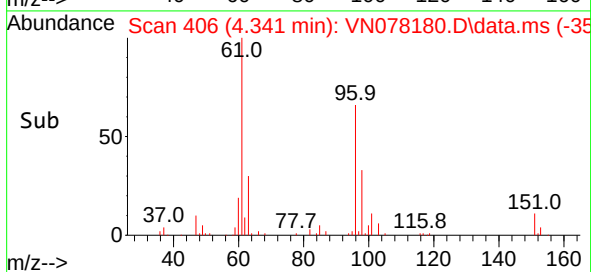
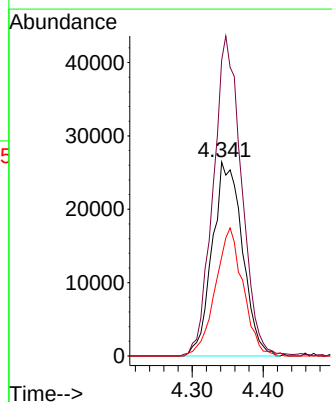
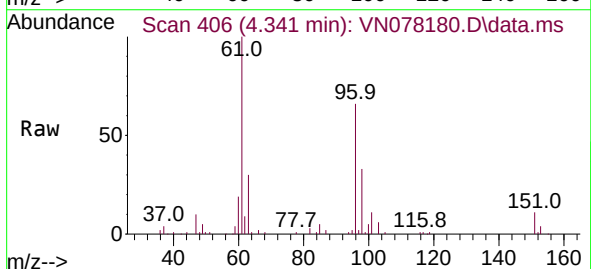
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

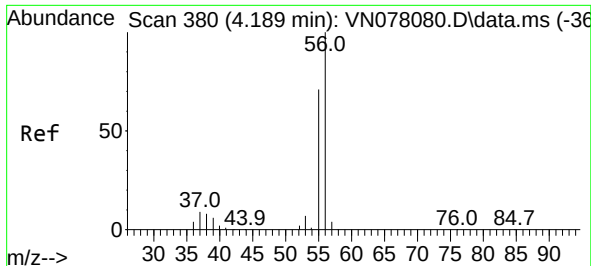
Tgt Ion: 59 Resp: 73650
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.372 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 96 Resp: 77769
Ion Ratio Lower Upper
96 100
61 152.4 112.7 169.1
98 51.0 51.2 76.8#





#13

Acrolein

Concen: 86.383 ug/l

RT: 4.194 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

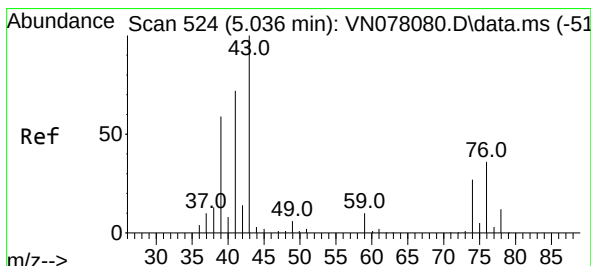
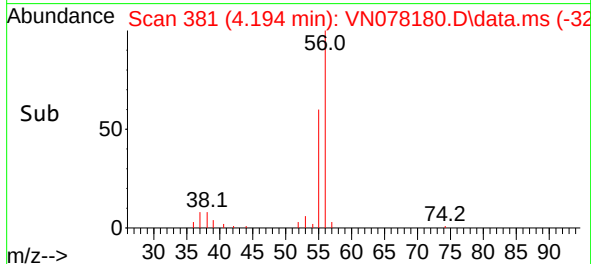
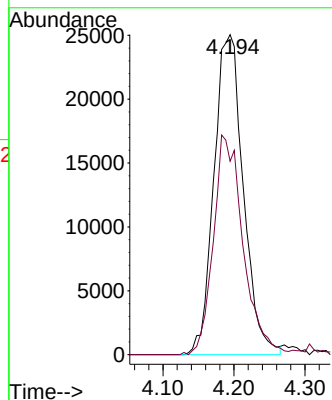
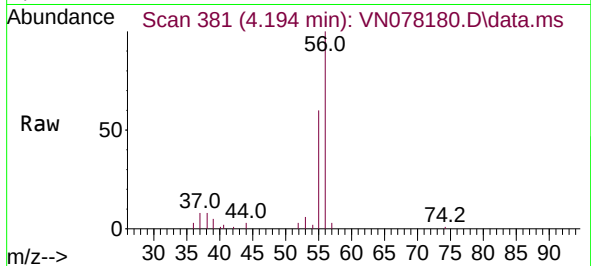
VN0613MBS01

Tgt Ion: 56 Resp: 71854

Ion Ratio Lower Upper

56 100

55 69.5 54.5 81.7



#14

Allyl chloride

Concen: 17.974 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

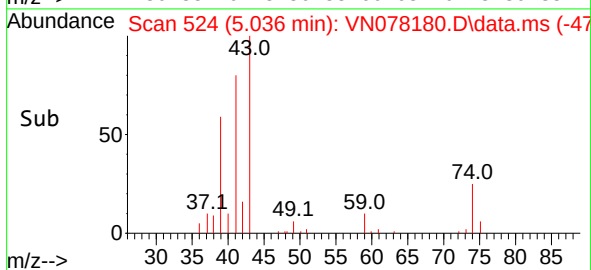
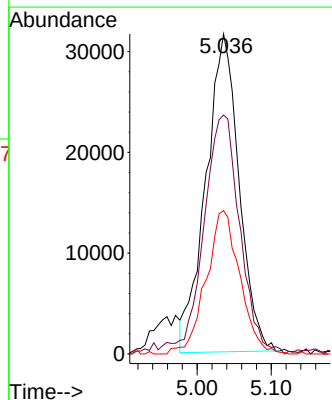
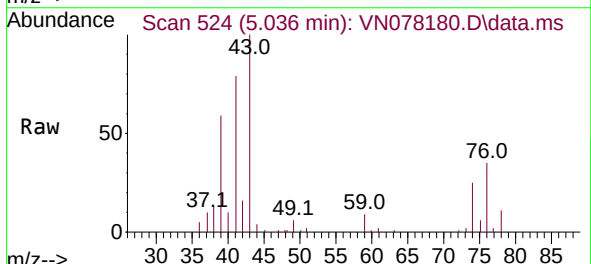
Tgt Ion: 41 Resp: 98223

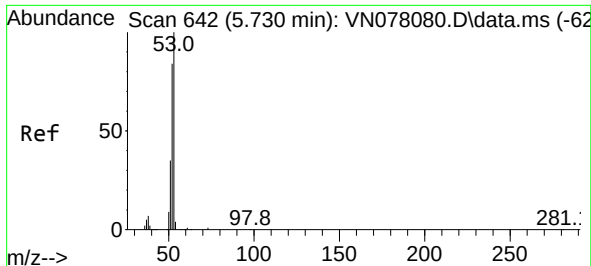
Ion Ratio Lower Upper

41 100

39 81.8 58.8 88.2

76 45.8 39.1 58.7

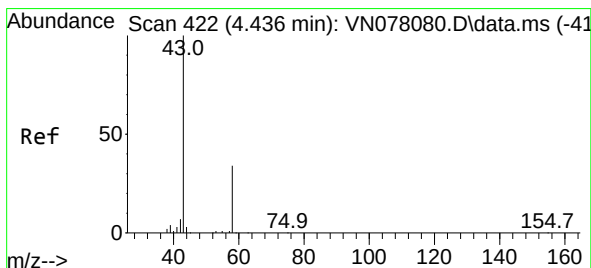
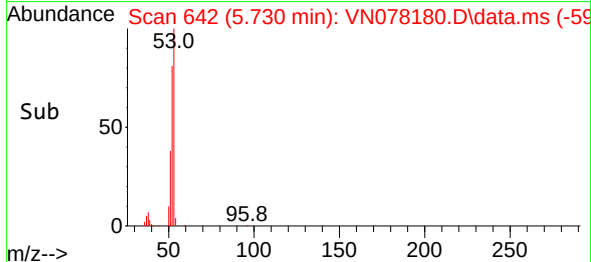
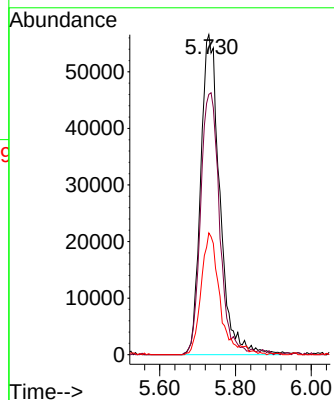
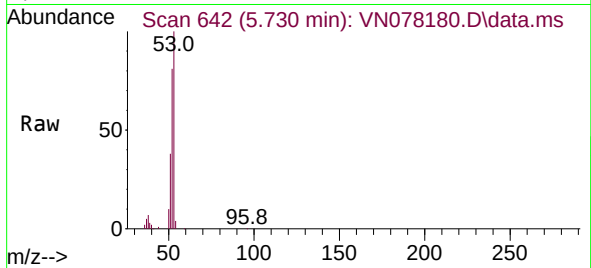




#15
Acrylonitrile
Concen: 101.857 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

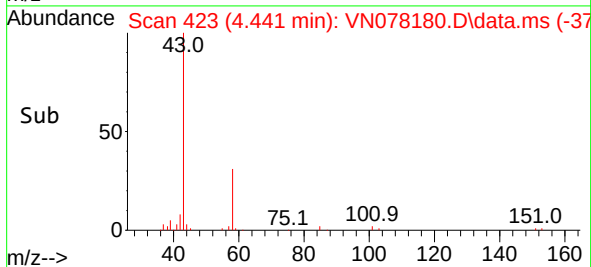
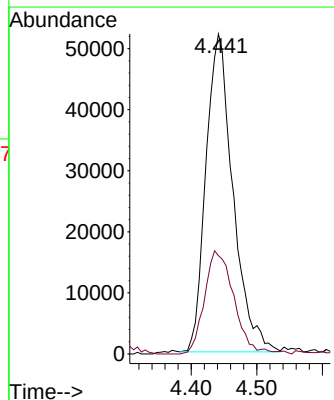
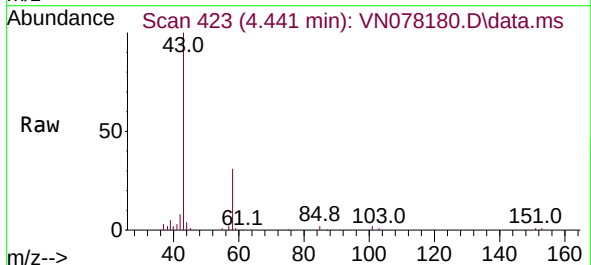
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

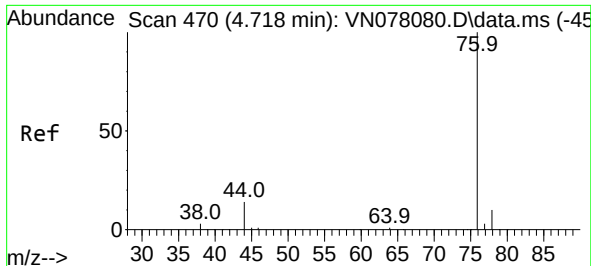
Tgt Ion: 53 Resp: 198192
Ion Ratio Lower Upper
53 100
52 80.7 65.3 97.9
51 35.7 28.9 43.3



#16
Acetone
Concen: 94.770 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 43 Resp: 149099
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0

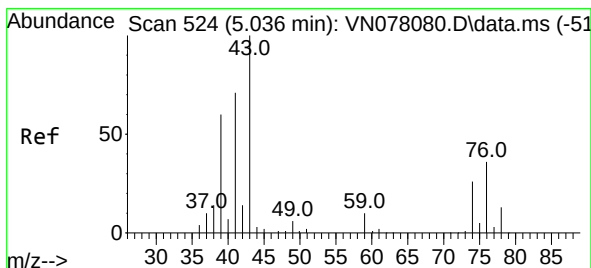
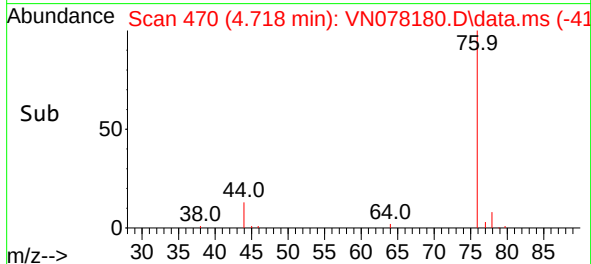
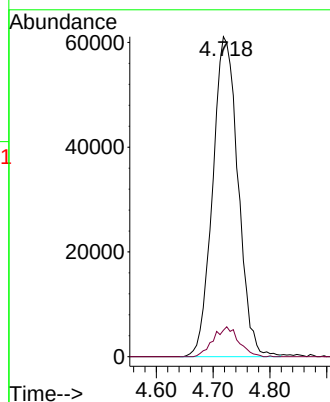
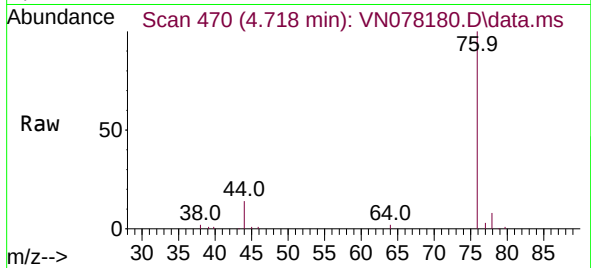




#17
Carbon Disulfide
Concen: 16.460 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

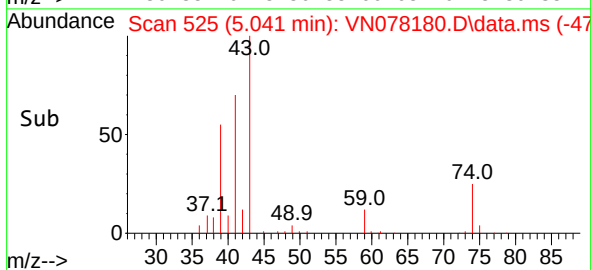
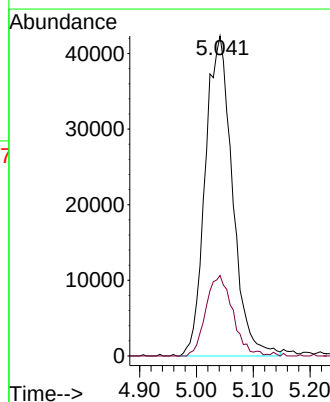
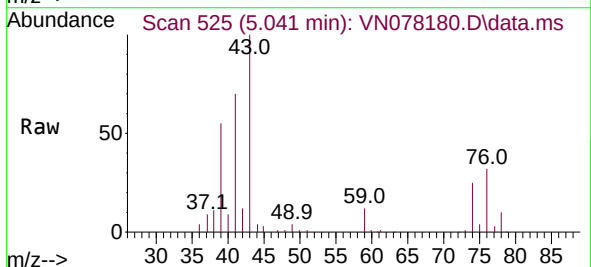
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

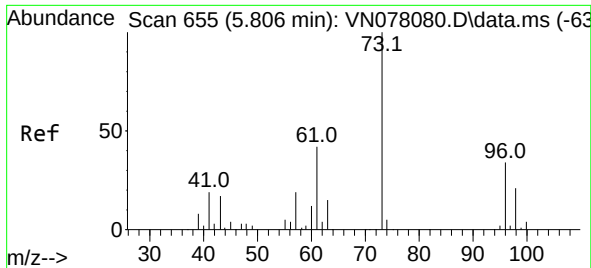
Tgt Ion: 76 Resp: 189663
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#18
Methyl Acetate
Concen: 19.413 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 43 Resp: 140618
Ion Ratio Lower Upper
43 100
74 24.9 26.2 39.4#

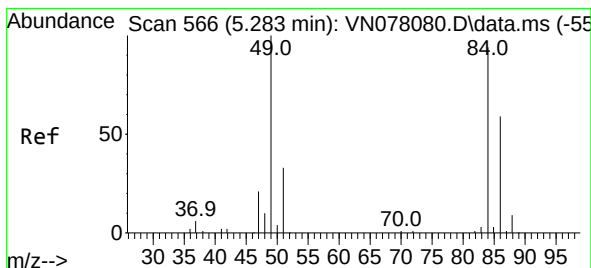
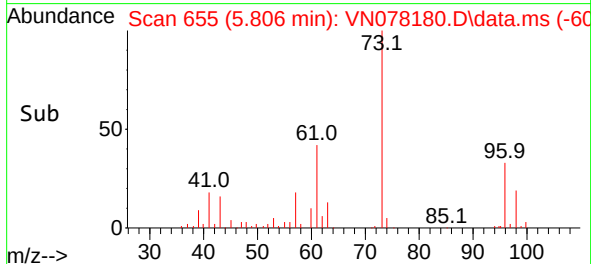
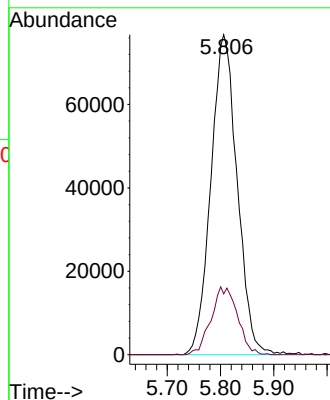
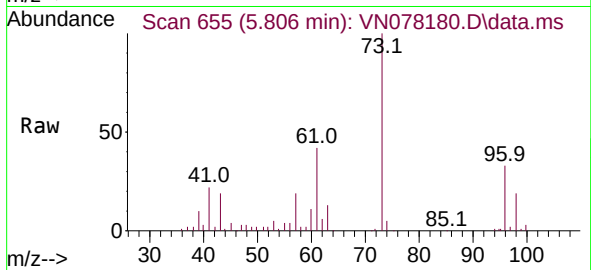




#19
Methyl tert-butyl Ether
Concen: 18.411 ug/l
RT: 5.806 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

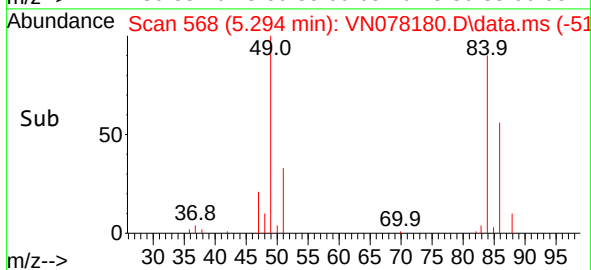
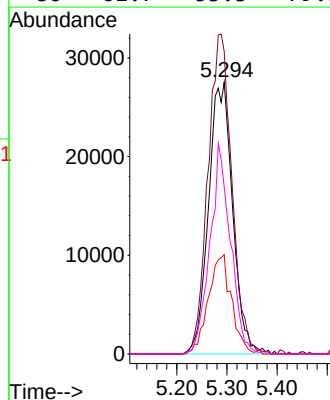
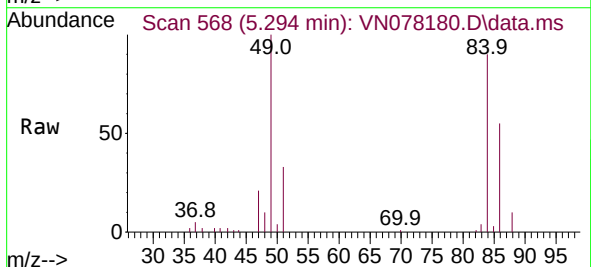
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

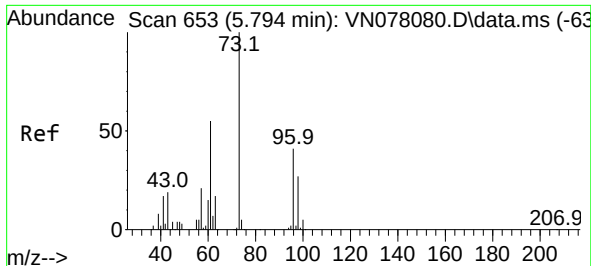
Tgt Ion: 73 Resp: 262961
Ion Ratio Lower Upper
73 100
57 19.0 15.6 23.4



#20
Methylene Chloride
Concen: 17.700 ug/l
RT: 5.294 min Scan# 568
Delta R.T. 0.012 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 84 Resp: 92021
Ion Ratio Lower Upper
84 100
49 111.4 79.7 119.5
51 36.6 25.2 37.8
86 61.7 53.3 79.9

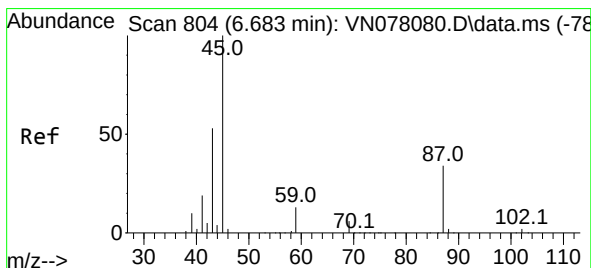
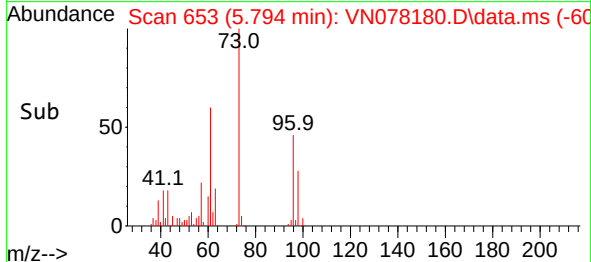
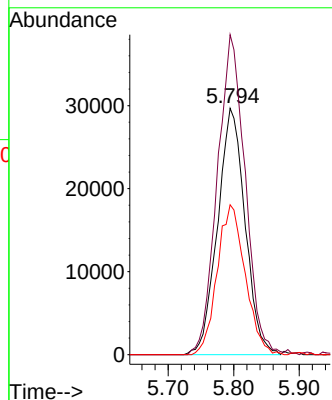
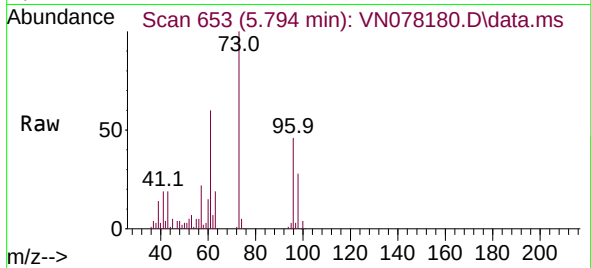




#21
trans-1,2-Dichloroethene
Concen: 17.875 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

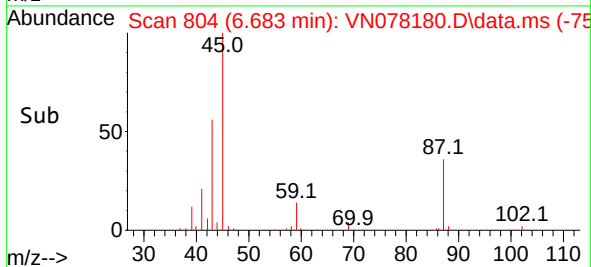
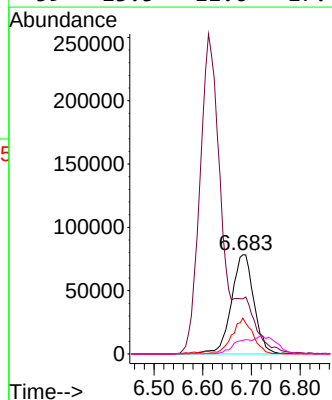
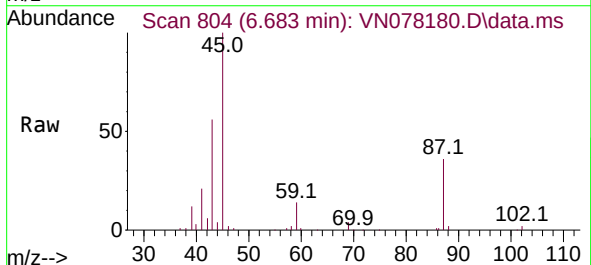
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

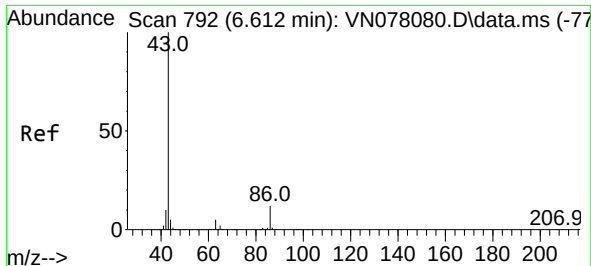
Tgt Ion: 96 Resp: 86306
Ion Ratio Lower Upper
96 100
61 129.9 90.1 135.1
98 60.9 46.4 69.6



#22
Diisopropyl ether
Concen: 19.569 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 45 Resp: 251544
Ion Ratio Lower Upper
45 100
43 54.9 45.5 68.3
87 35.8 31.8 47.8
59 13.5 11.6 17.4

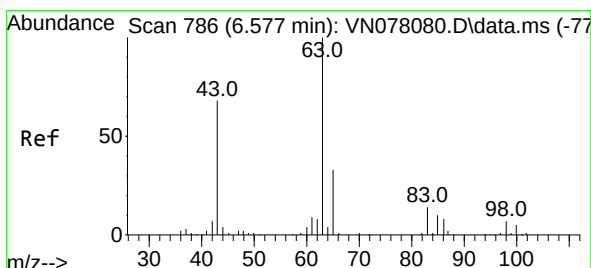
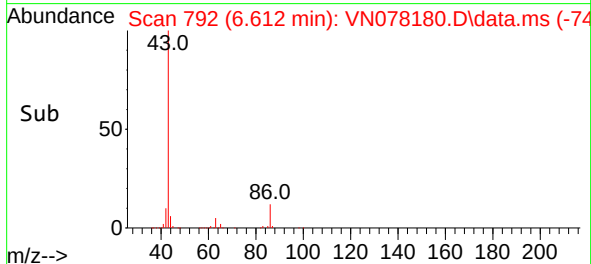
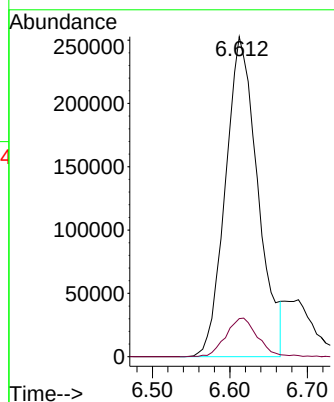
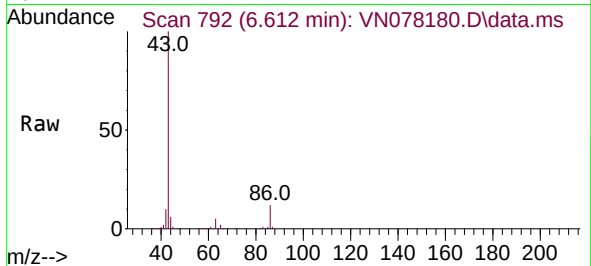




#23
 Vinyl Acetate
 Concen: 96.138 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

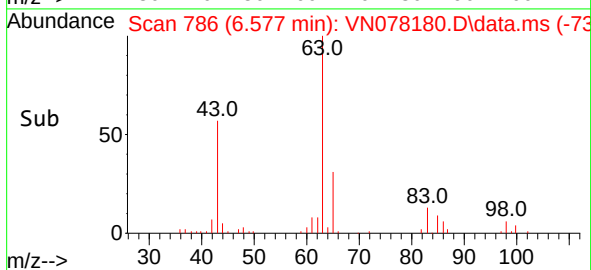
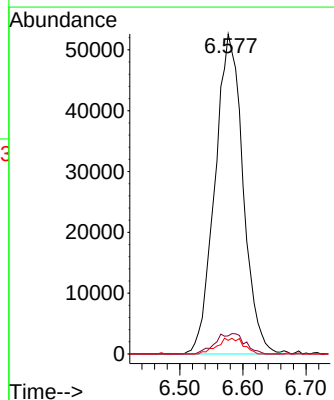
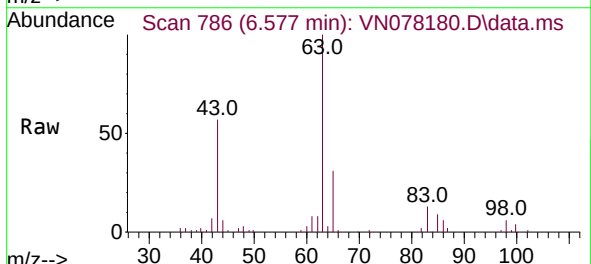
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBSD01

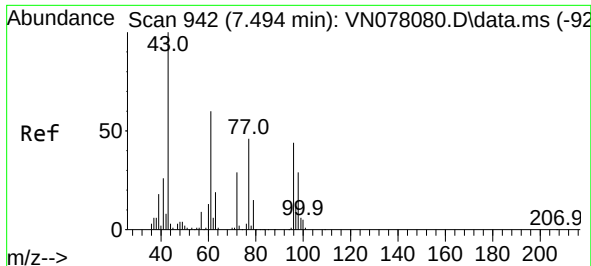
Tgt Ion: 43 Resp: 734593
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.167 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

Tgt Ion: 63 Resp: 162531
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.7
 100 4.3 2.5 7.4

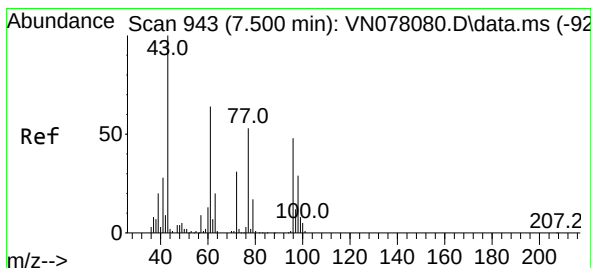
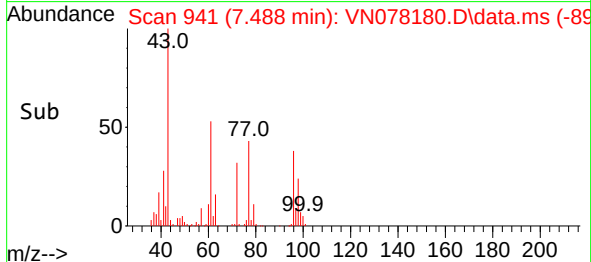
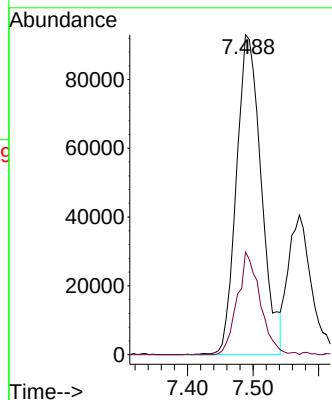
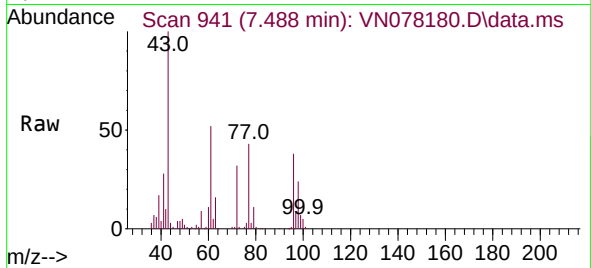




#25
2-Butanone
Concen: 101.708 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

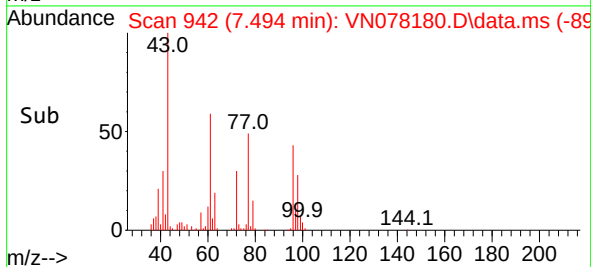
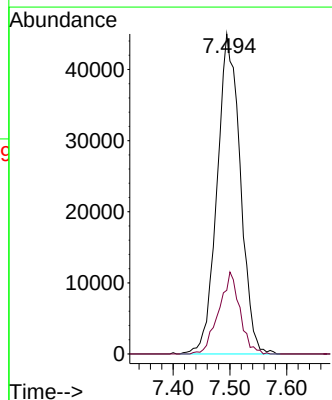
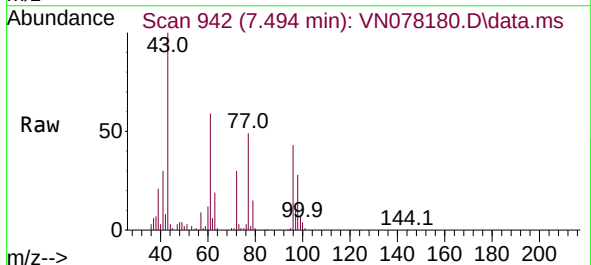
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

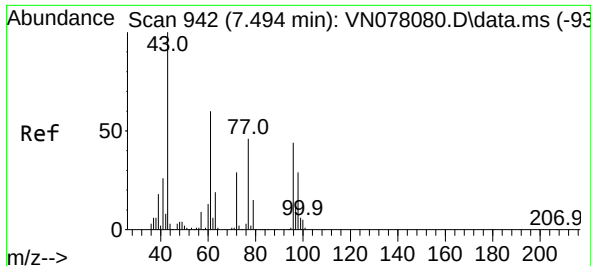
Tgt Ion: 43 Resp: 246069
Ion Ratio Lower Upper
43 100
72 32.1 30.2 45.2



#26
2,2-Dichloropropane
Concen: 20.405 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 77 Resp: 127759
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6



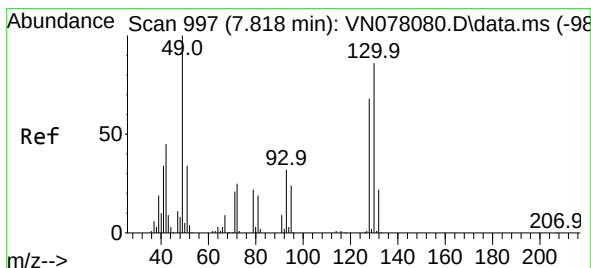
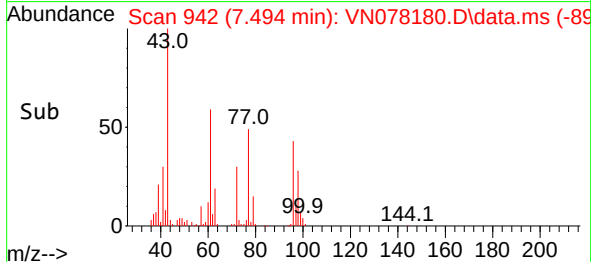
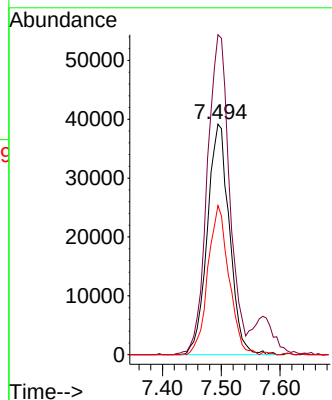
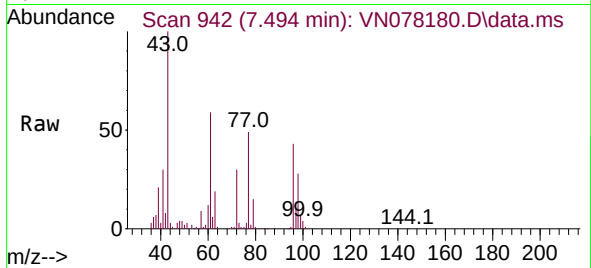


#27
 cis-1,2-Dichloroethene
 Concen: 17.768 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBSD01

Tgt Ion: 96 Resp: 102333

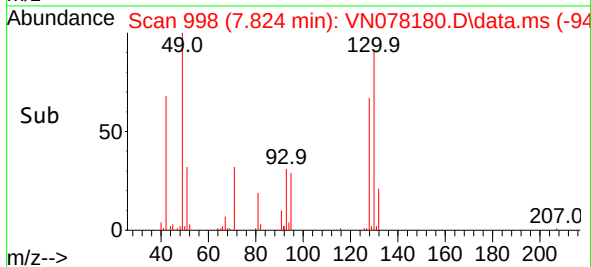
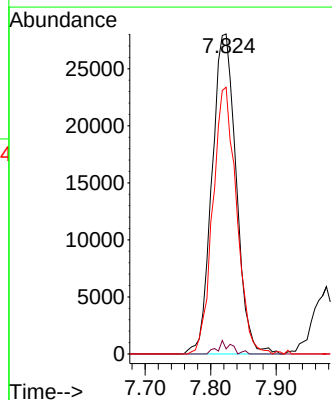
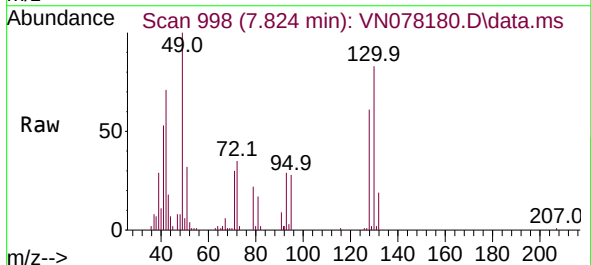
Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	255.2
98	61.5	0.0	128.8

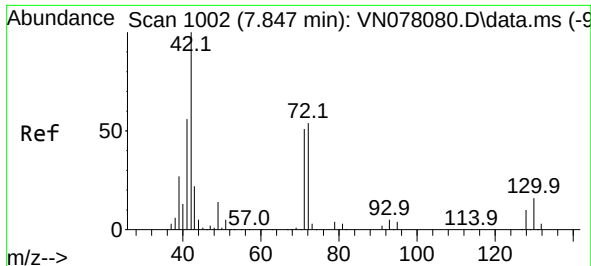


#28
 Bromochloromethane
 Concen: 18.436 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

Tgt Ion: 49 Resp: 71777

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	81.5	75.3	112.9





#29

Tetrahydrofuran

Concen: 92.415 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBSD01

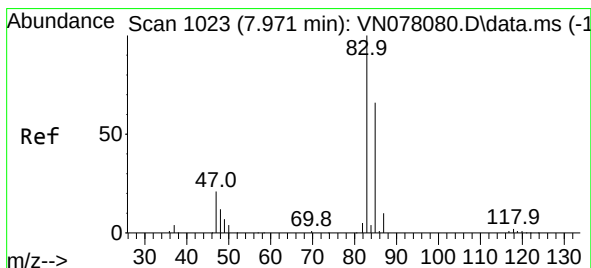
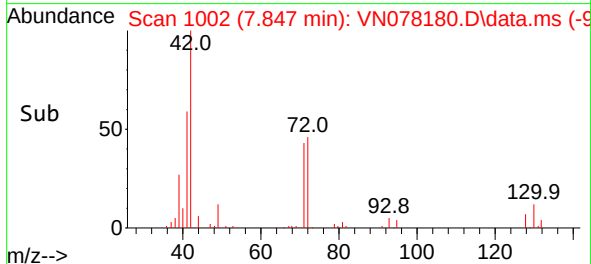
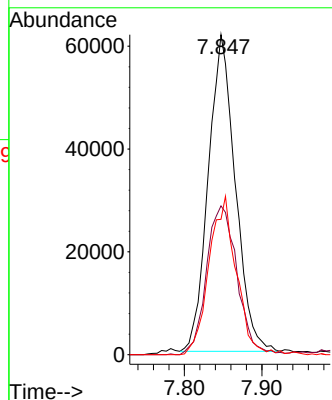
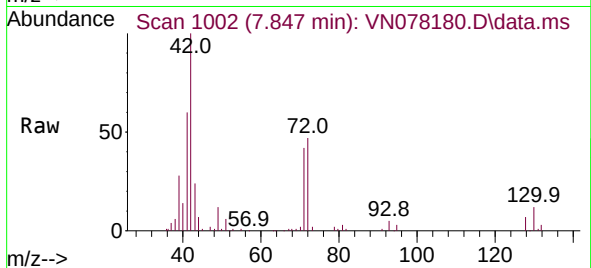
Tgt Ion: 42 Resp: 149469

Ion Ratio Lower Upper

42 100

72 53.0 49.8 74.6

71 50.5 47.4 71.2



#30

Chloroform

Concen: 18.935 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078180.D

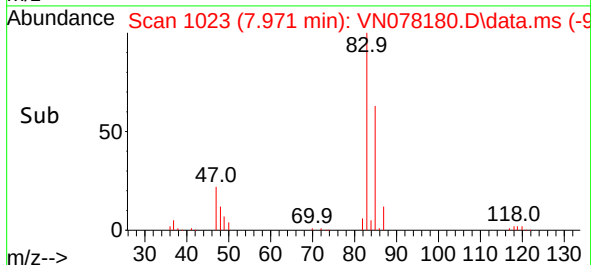
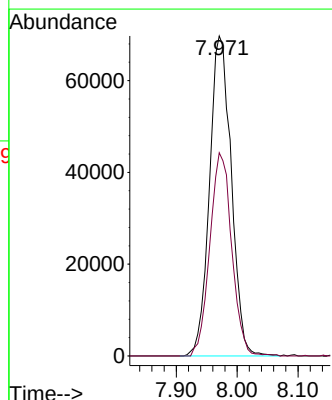
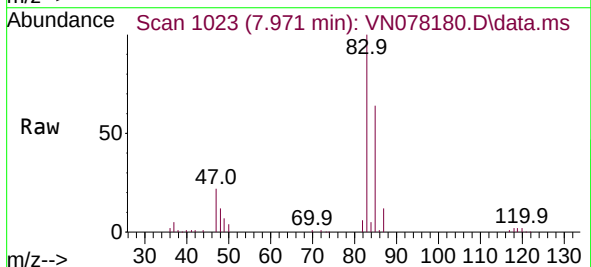
Acq: 13 Jun 2023 12:13

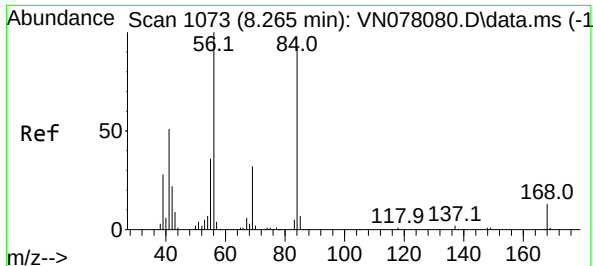
Tgt Ion: 83 Resp: 172894

Ion Ratio Lower Upper

83 100

85 63.5 55.4 83.0

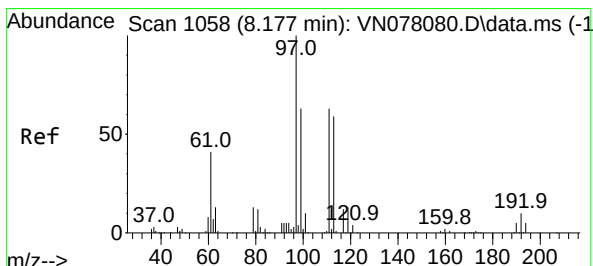
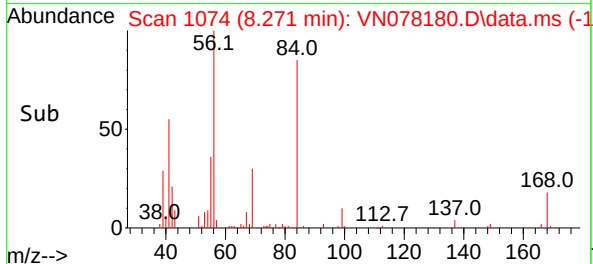
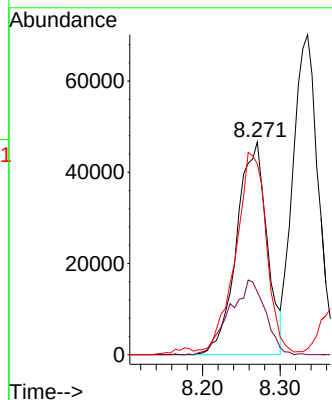
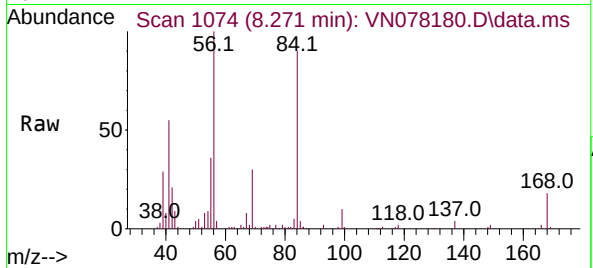




#31
Cyclohexane
Concen: 18.082 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

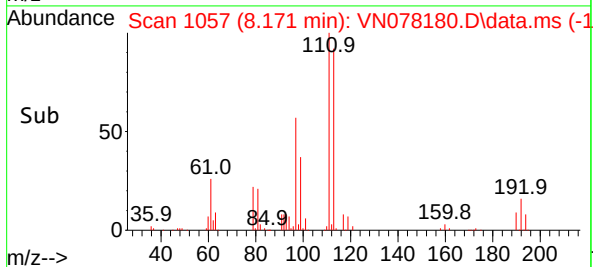
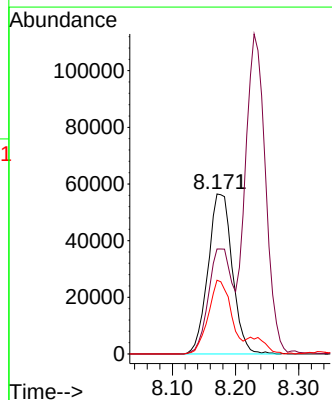
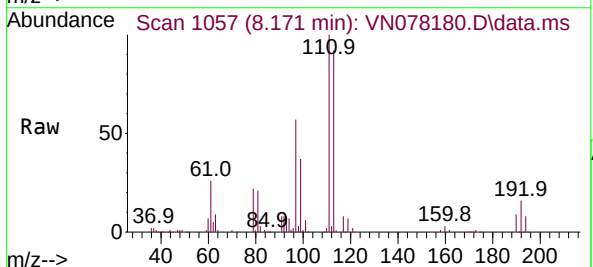
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

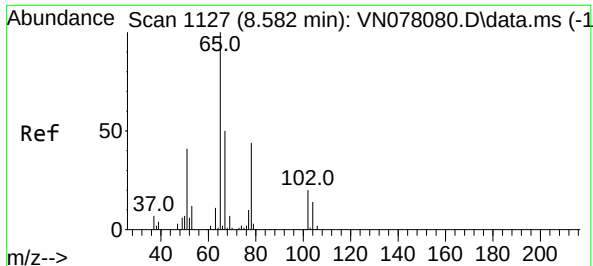
Tgt Ion: 56 Resp: 126783
Ion Ratio Lower Upper
56 100
69 29.5 26.8 40.2
84 87.7 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.794 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 97 Resp: 150657
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 43.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.031 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

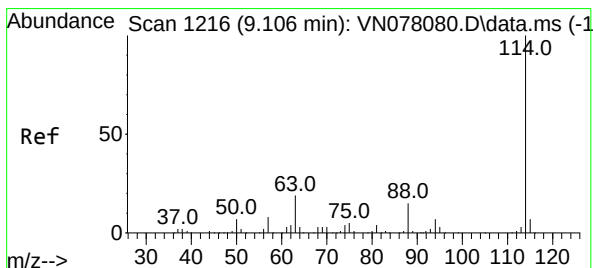
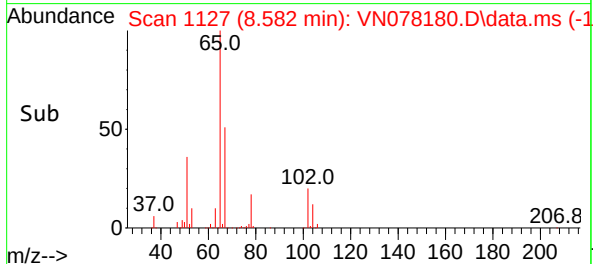
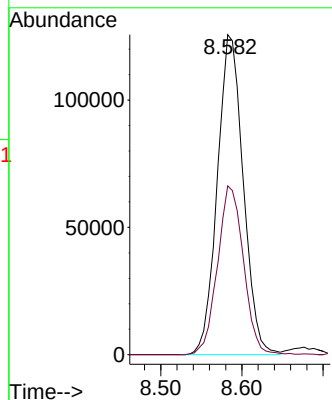
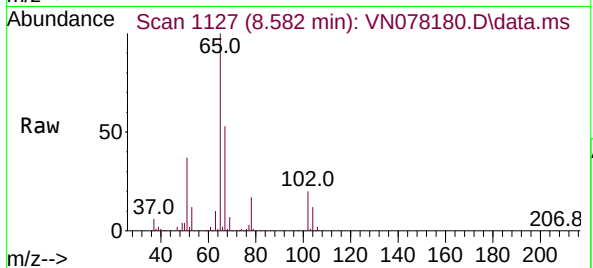
VN0613MBSD01

Tgt Ion: 65 Resp: 278929

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

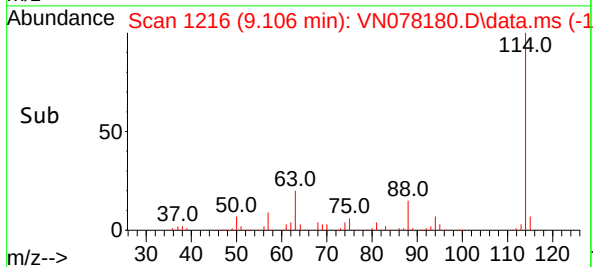
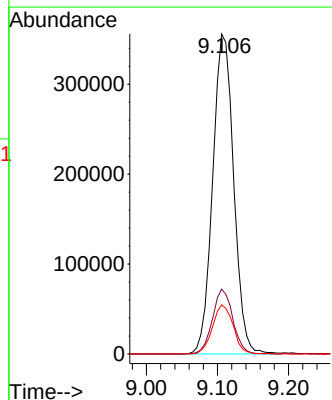
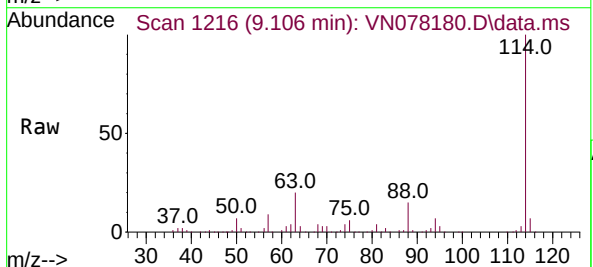
Tgt Ion: 114 Resp: 730106

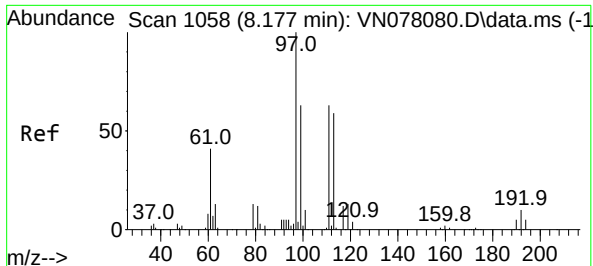
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.942 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBSD01

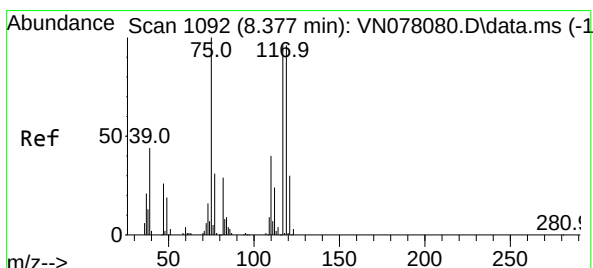
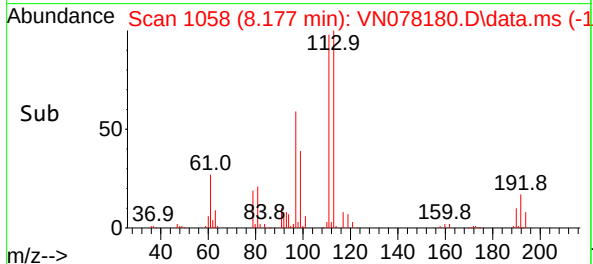
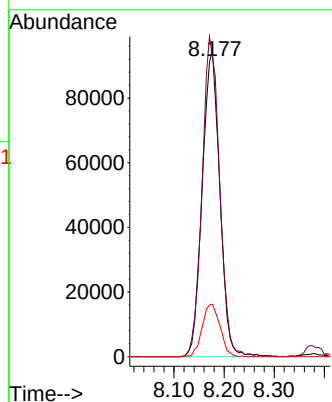
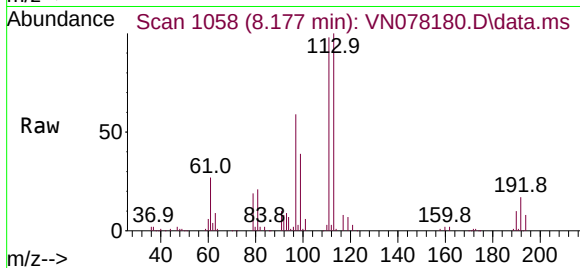
Tgt Ion:113 Resp: 230551

Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

192 17.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 18.333 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

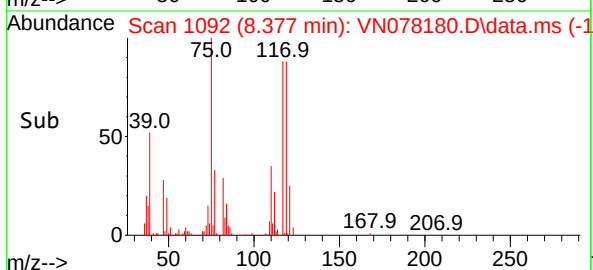
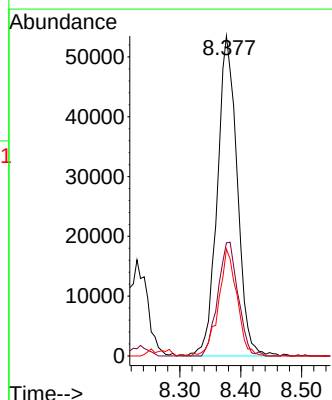
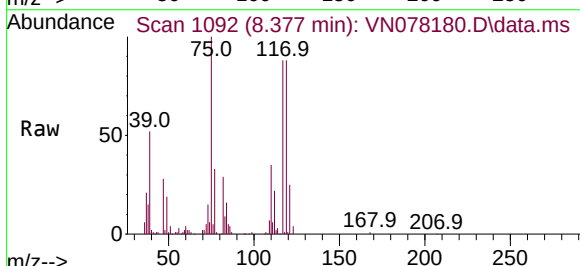
Tgt Ion: 75 Resp: 121396

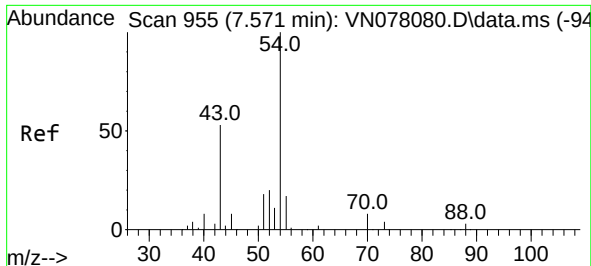
Ion Ratio Lower Upper

75 100

110 36.1 19.1 57.3

77 31.0 25.0 37.4

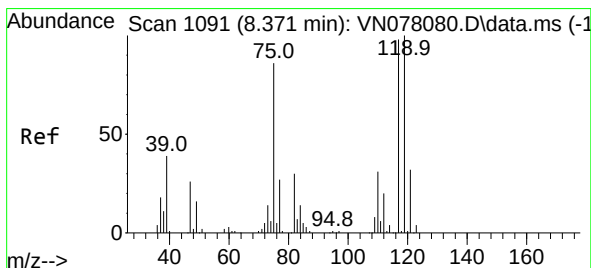
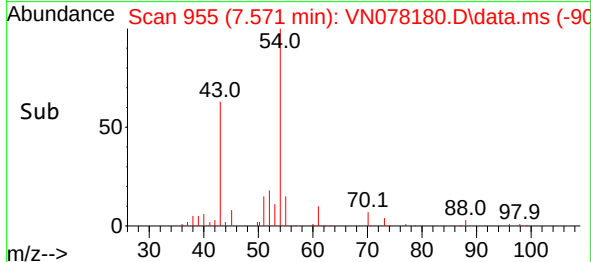
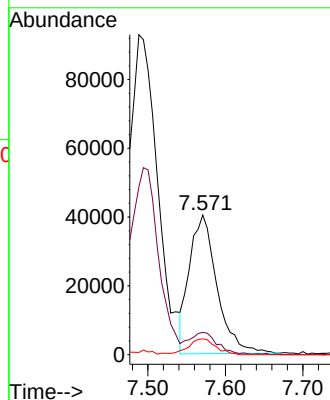
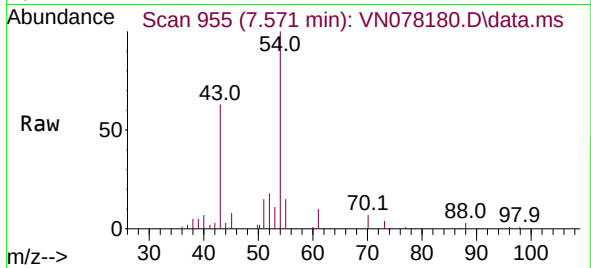




#37
Ethyl Acetate
Concen: 19.257 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

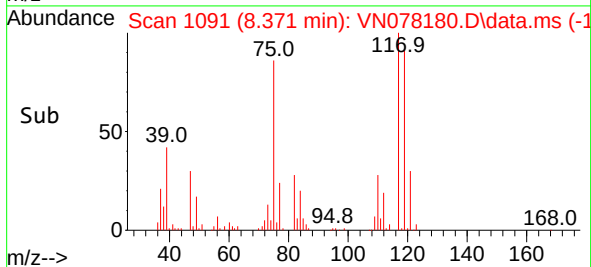
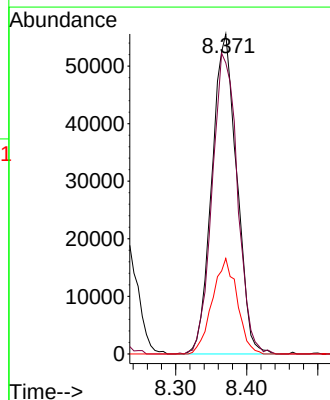
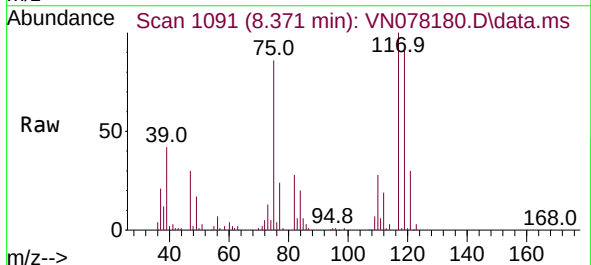
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

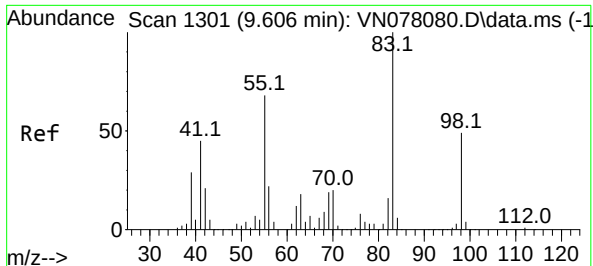
Tgt Ion:	43	Resp:	99611
Ion	Ratio	Lower	Upper
43	100		
61	14.8	13.2	19.8
70	11.4	11.3	16.9



#38
Carbon Tetrachloride
Concen: 19.284 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion:	117	Resp:	134828
Ion	Ratio	Lower	Upper
117	100		
119	90.9	77.3	115.9
121	29.9	23.3	34.9

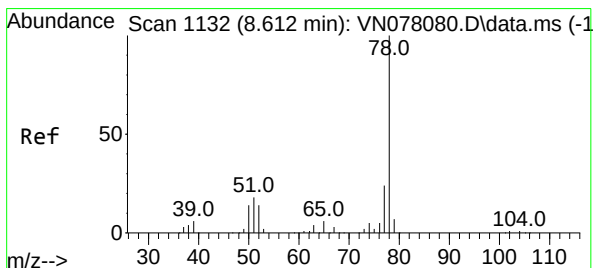
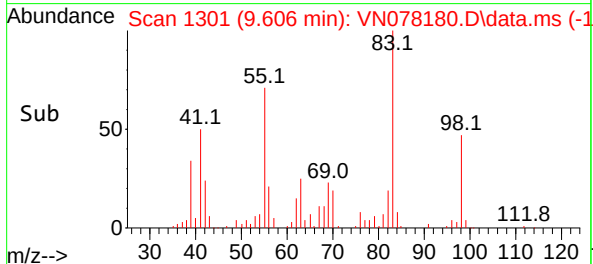
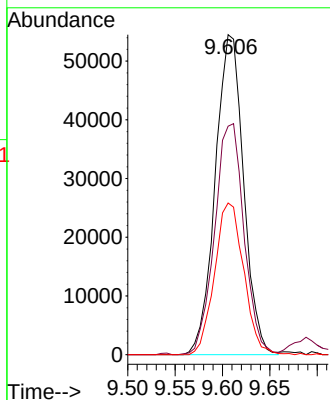
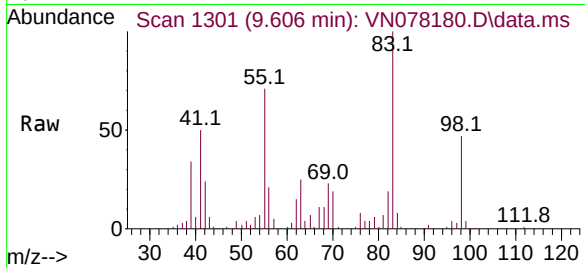




#39
Methylcyclohexane
Concen: 16.525 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

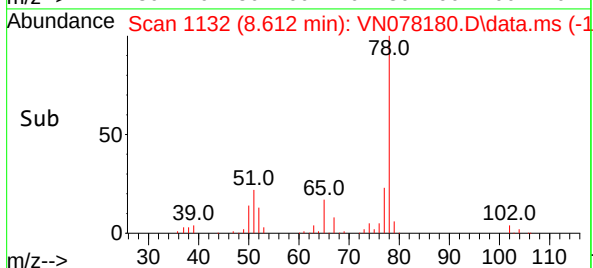
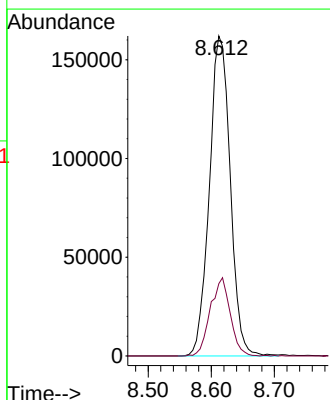
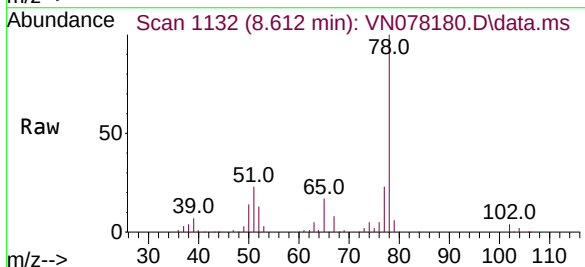
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

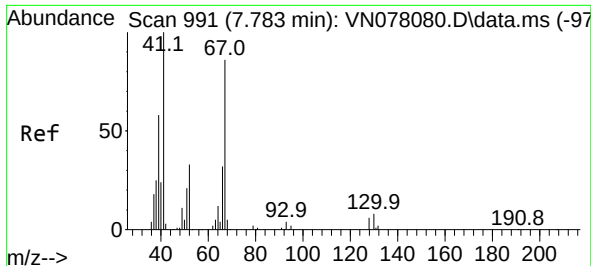
Tgt Ion: 83 Resp: 113401
Ion Ratio Lower Upper
83 100
55 71.4 49.1 73.7
98 47.4 40.6 61.0



#40
Benzene
Concen: 18.849 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 78 Resp: 372613
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.6

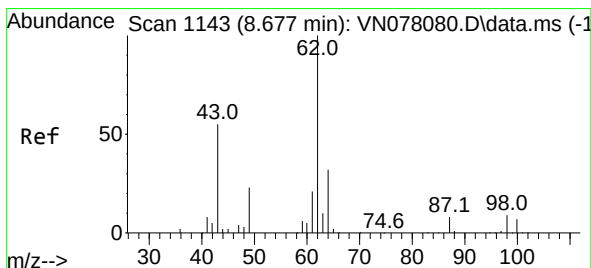
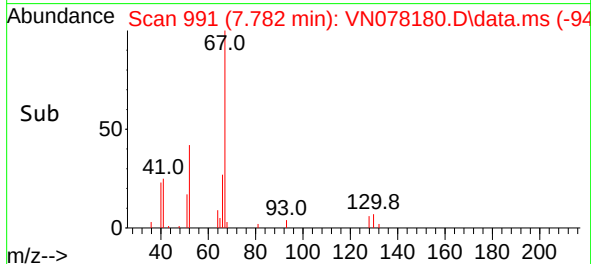
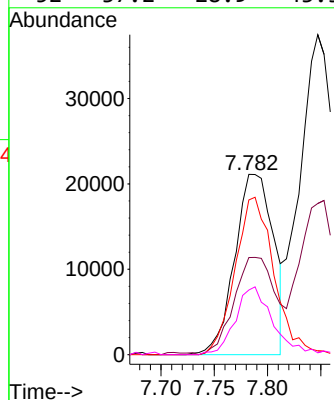
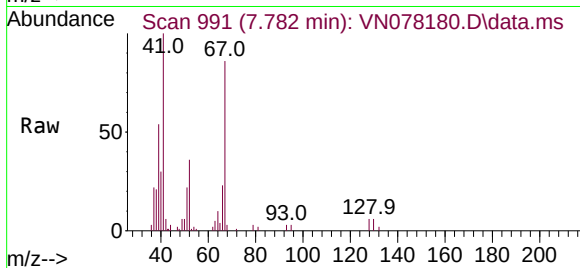




#41
Methacrylonitrile
Concen: 19.012 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

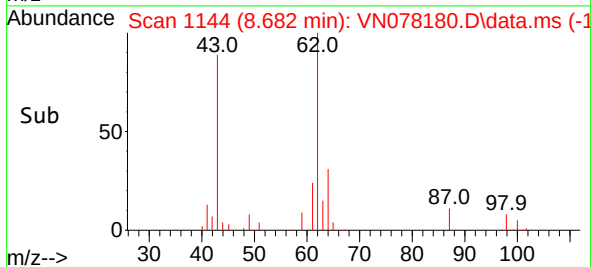
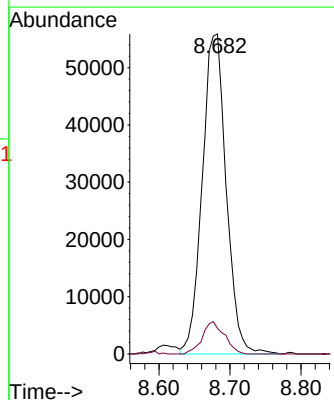
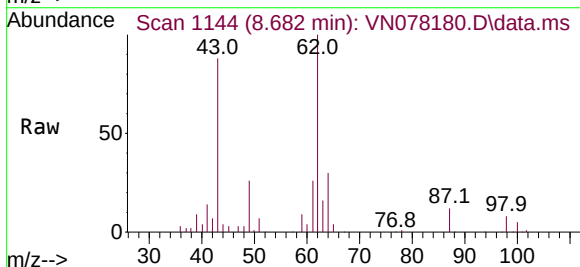
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

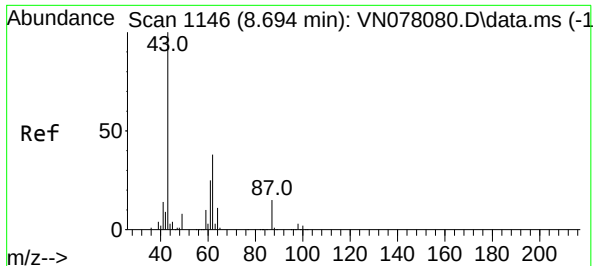
Tgt Ion:	41	Resp:	53306
Ion	Ratio	Lower	Upper
41	100		
39	59.1	42.6	64.0
67	87.9	77.5	116.3
52	37.2	28.9	43.3



#42
1,2-Dichloroethane
Concen: 19.353 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion:	62	Resp:	131173
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8

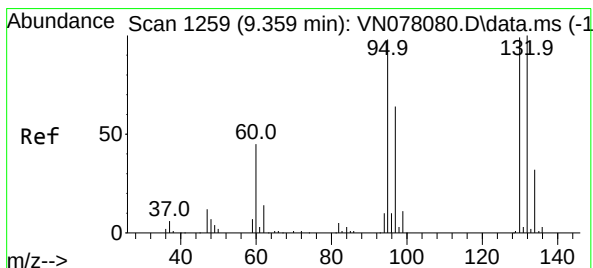
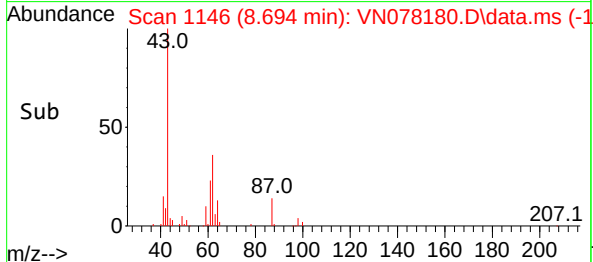
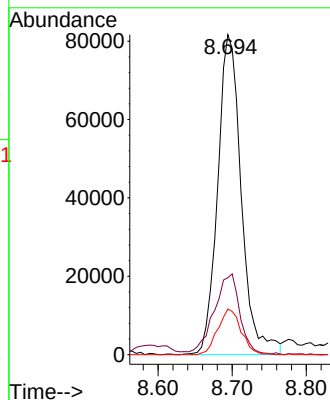
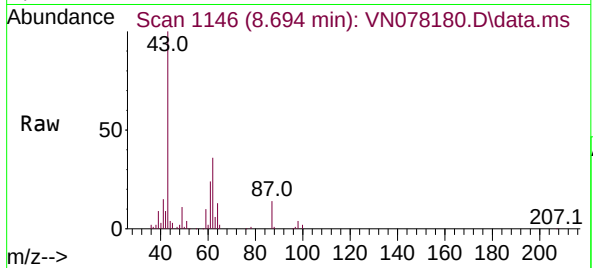




#43
Isopropyl Acetate
Concen: 18.325 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

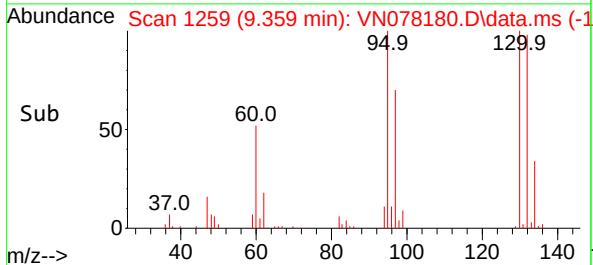
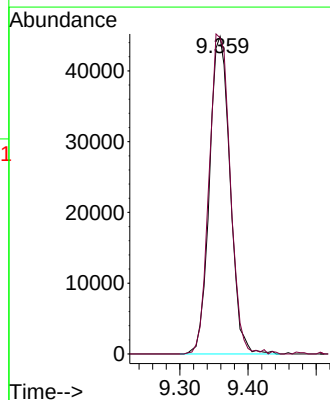
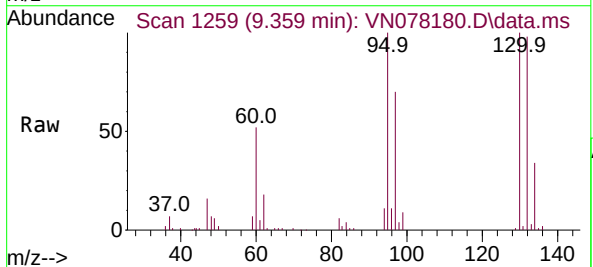
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

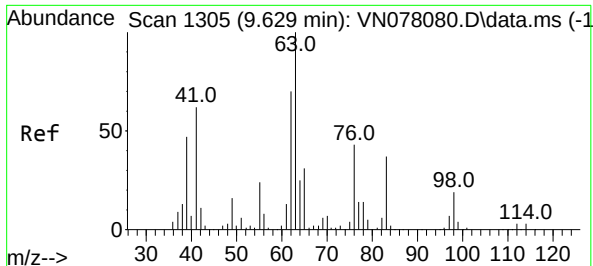
Tgt Ion: 43 Resp: 181284
Ion Ratio Lower Upper
43 100
61 27.7 24.7 37.1
87 14.0 14.6 21.8#



#44
Trichloroethene
Concen: 18.057 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion:130 Resp: 94266
Ion Ratio Lower Upper
130 100
95 99.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.649 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

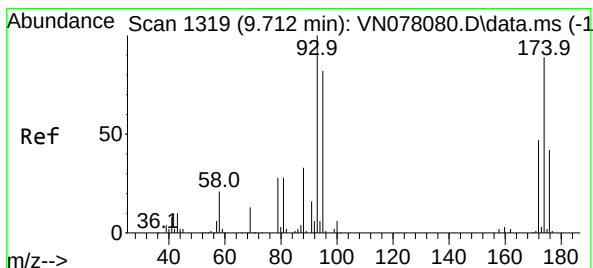
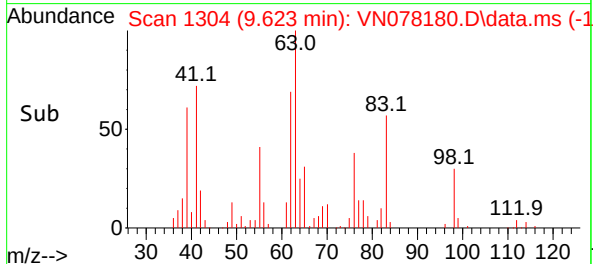
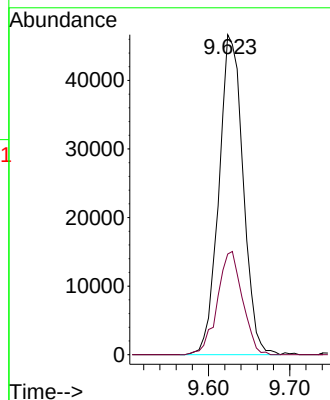
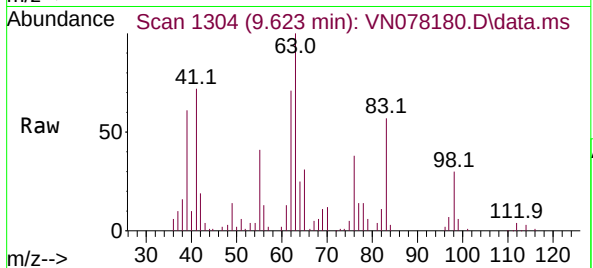
VN0613MBSD01

Tgt Ion: 63 Resp: 96639

Ion Ratio Lower Upper

63 100

65 31.5 23.9 35.9



#46

Dibromomethane

Concen: 19.310 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

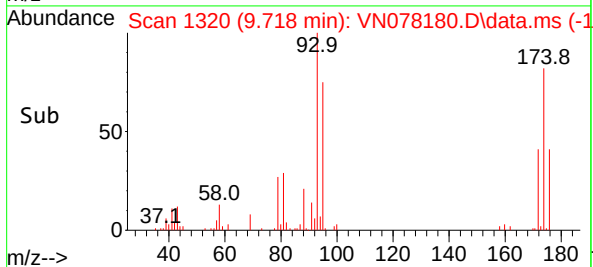
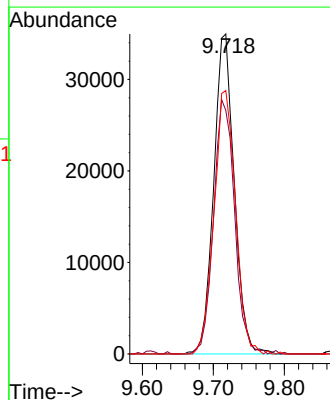
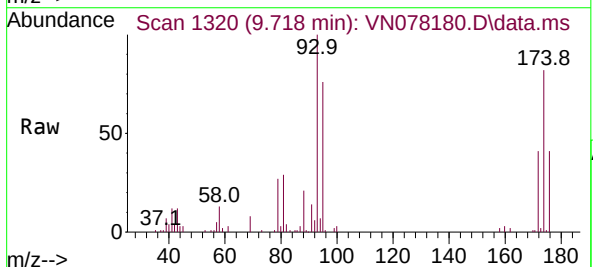
Tgt Ion: 93 Resp: 69956

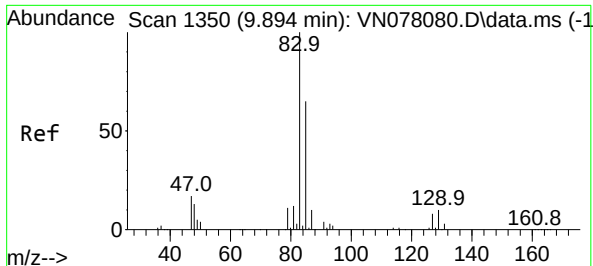
Ion Ratio Lower Upper

93 100

95 81.5 63.8 95.8

174 86.6 65.6 98.4

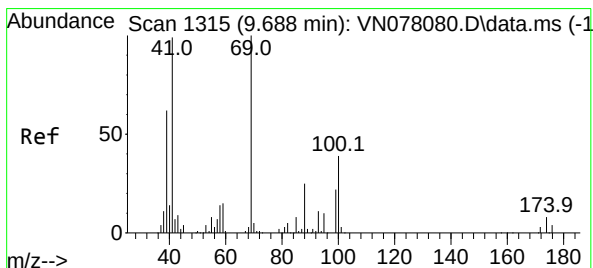
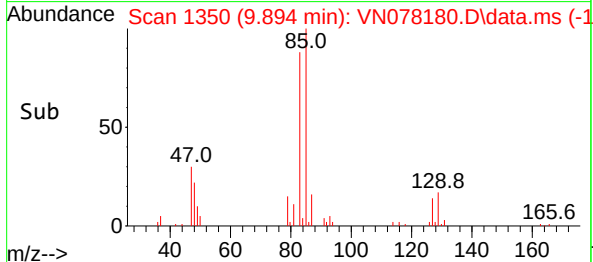
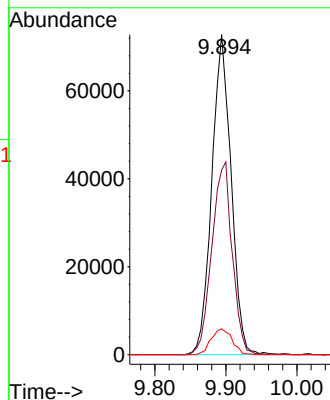
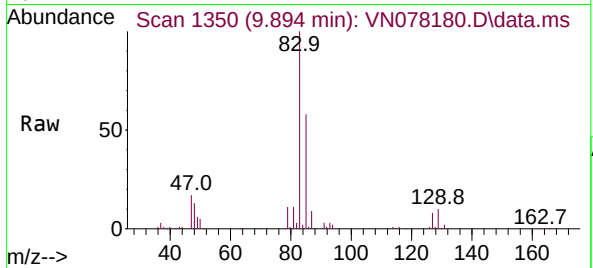




#47
Bromodichloromethane
Concen: 20.410 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

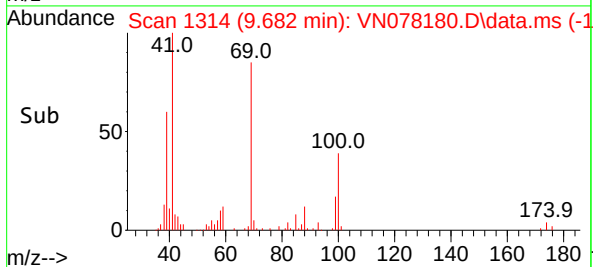
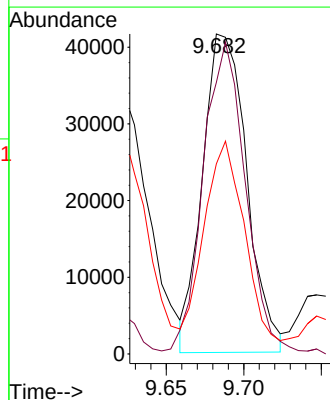
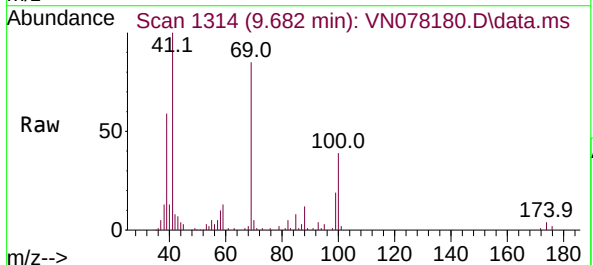
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

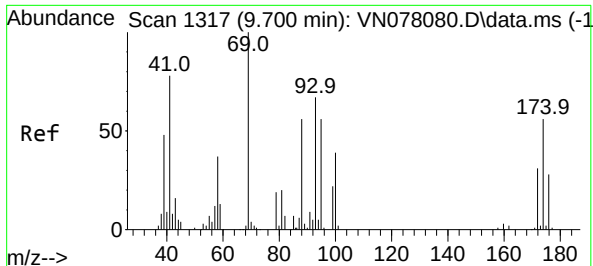
Tgt Ion: 83 Resp: 137345
Ion Ratio Lower Upper
83 100
85 57.6 49.6 74.4
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 19.846 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 41 Resp: 82394
Ion Ratio Lower Upper
41 100
69 94.7 90.4 135.6
39 62.5 54.6 81.8





#49

1,4-Dioxane

Concen: 370.287 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBSD01

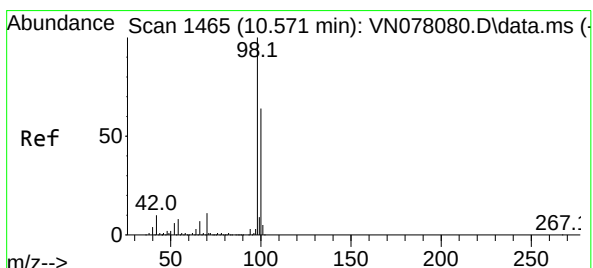
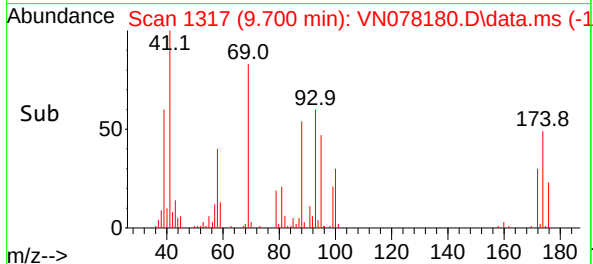
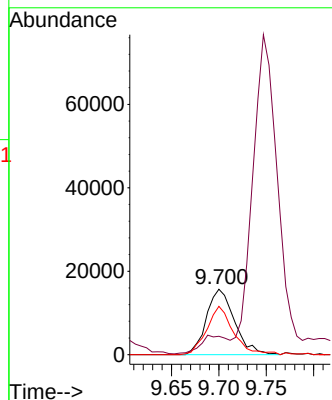
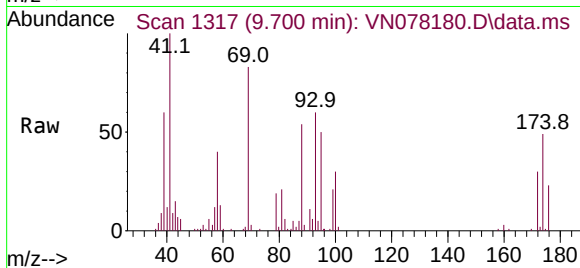
Tgt Ion: 88 Resp: 32310

Ion Ratio Lower Upper

88 100

43 27.2 17.0 25.6#

58 70.2 47.0 70.4



#50

Toluene-d8

Concen: 49.517 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078180.D

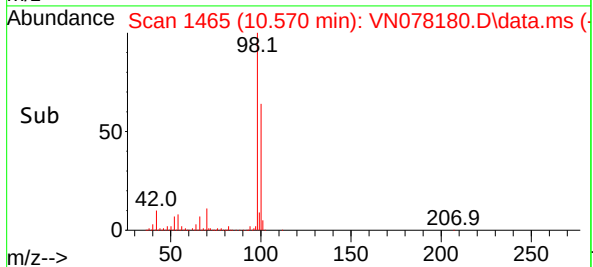
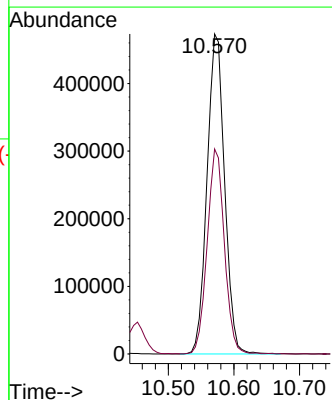
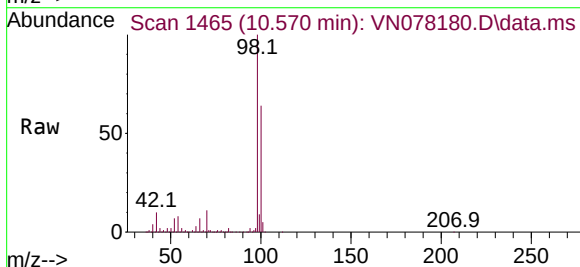
Acq: 13 Jun 2023 12:13

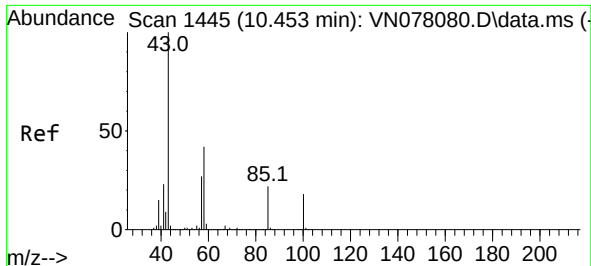
Tgt Ion: 98 Resp: 881231

Ion Ratio Lower Upper

98 100

100 62.5 52.0 78.0

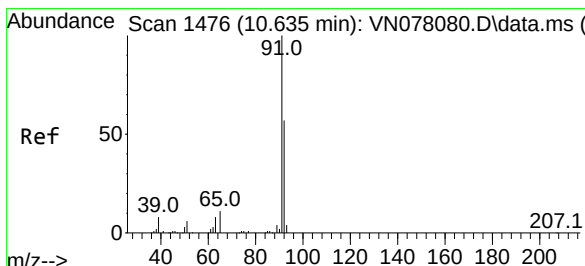
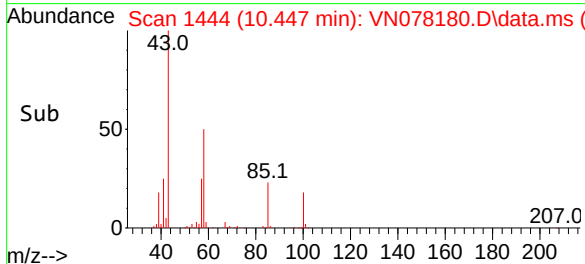
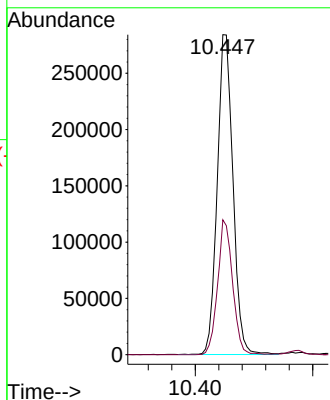
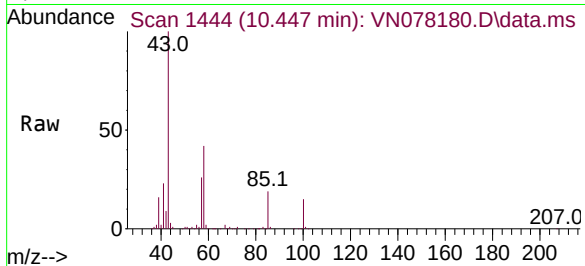




#51
4-Methyl-2-Pentanone
Concen: 101.241 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

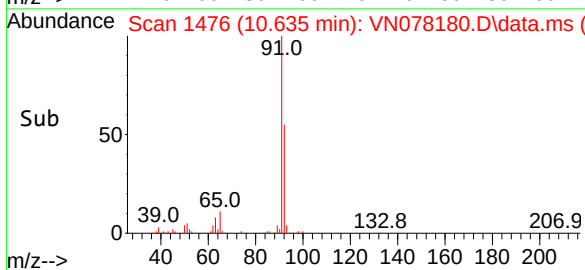
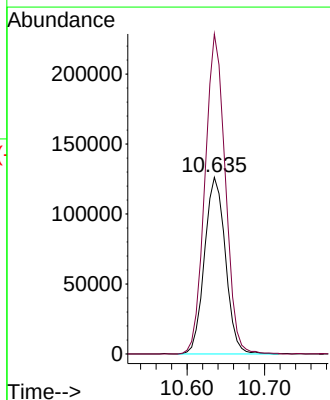
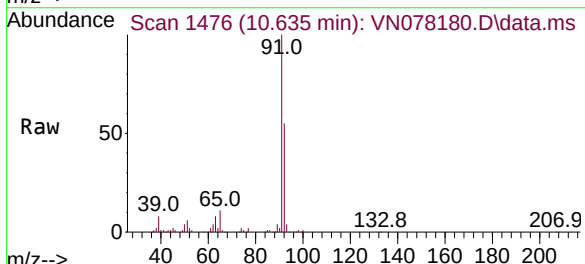
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

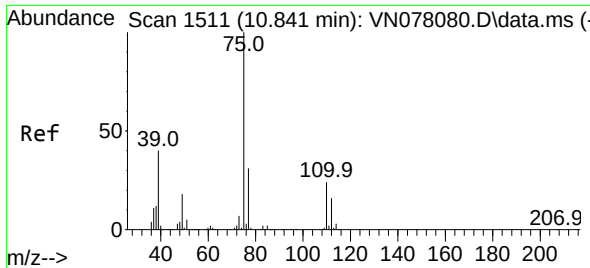
Tgt Ion: 43 Resp: 527410
Ion Ratio Lower Upper
43 100
58 40.2 36.6 54.8



#52
Toluene
Concen: 18.957 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 92 Resp: 236603
Ion Ratio Lower Upper
92 100
91 176.7 137.4 206.0

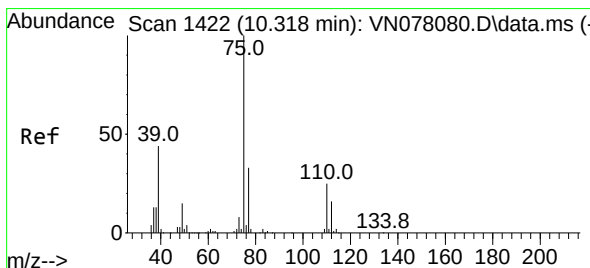
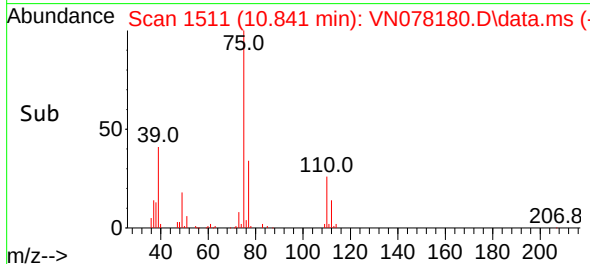
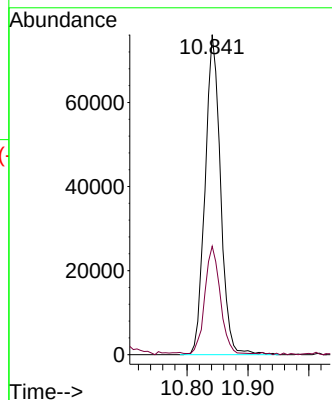
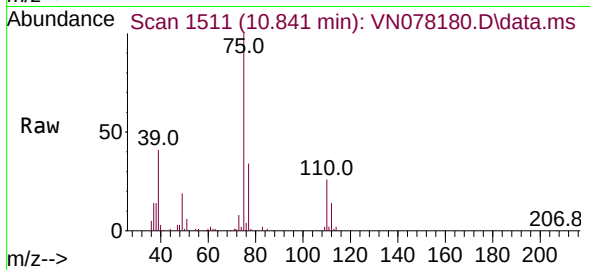




#53
t-1,3-Dichloropropene
Concen: 19.155 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

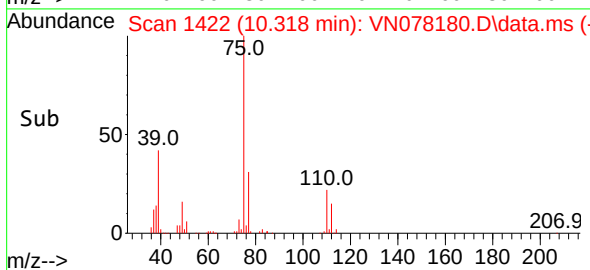
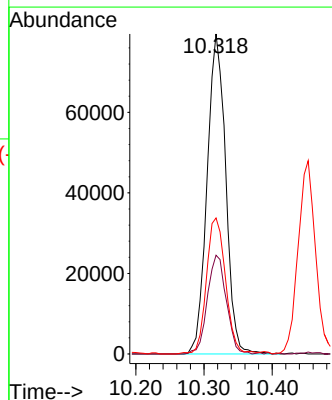
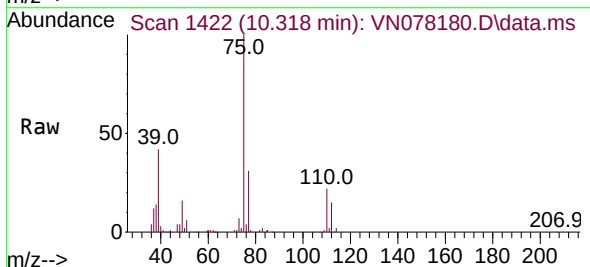
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

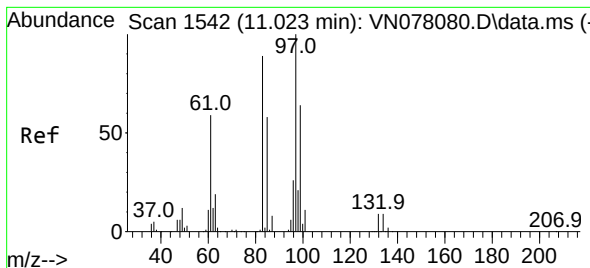
Tgt Ion: 75 Resp: 134245
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.467 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 75 Resp: 150808
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 42.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.276 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. -0.000 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS01

Tgt Ion: 97 Resp: 95733

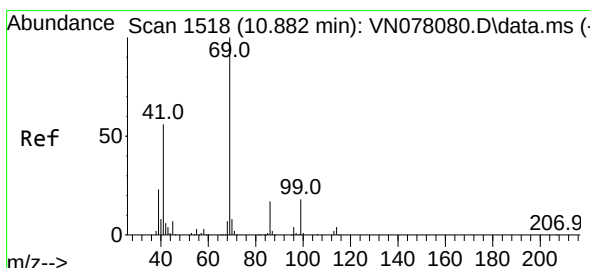
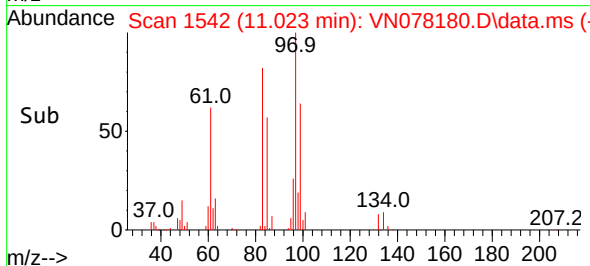
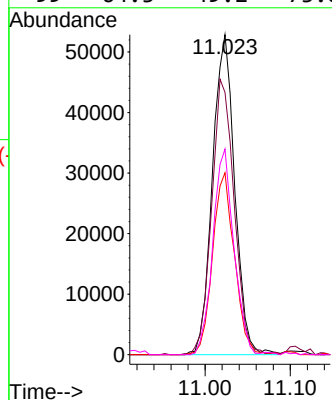
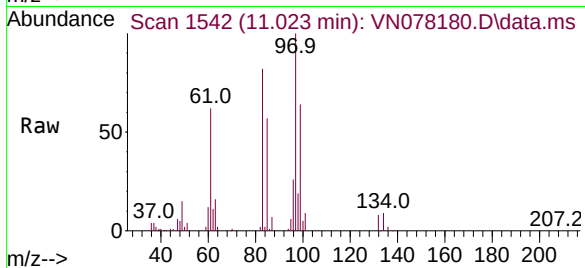
Ion Ratio Lower Upper

97 100

83 82.0 65.1 97.7

85 56.9 43.4 65.2

99 64.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.491 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

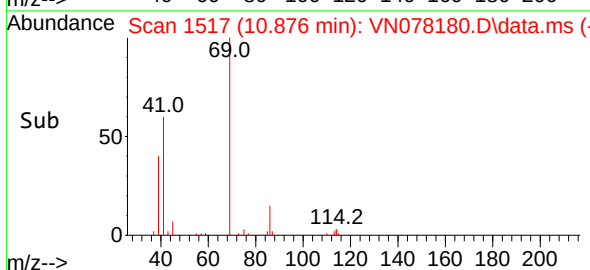
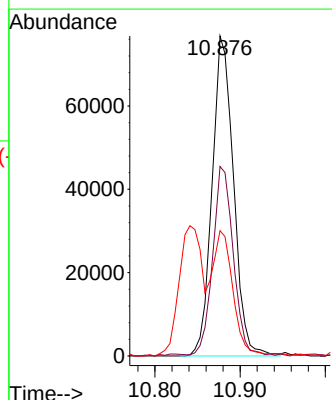
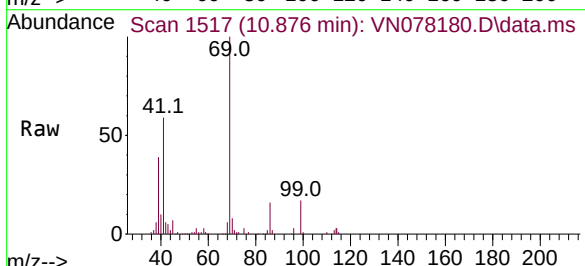
Tgt Ion: 69 Resp: 133995

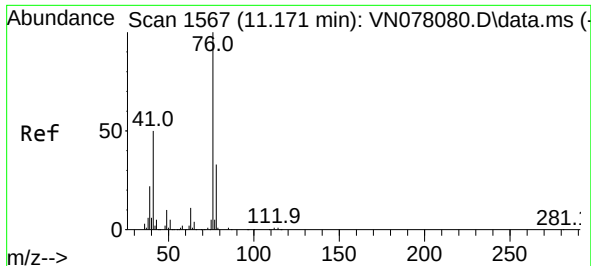
Ion Ratio Lower Upper

69 100

41 57.4 39.6 59.4

39 38.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.046 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

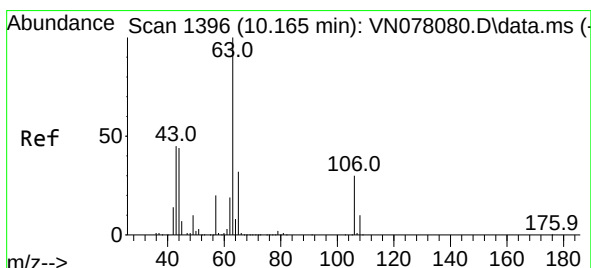
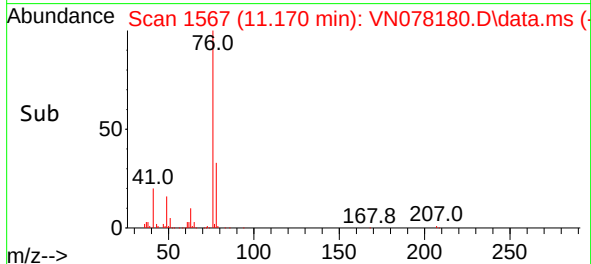
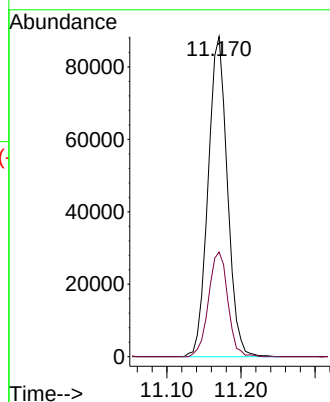
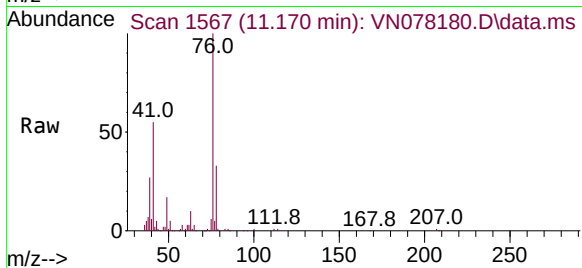
VN0613MBS01

Tgt Ion: 76 Resp: 159759

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 96.239 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078180.D

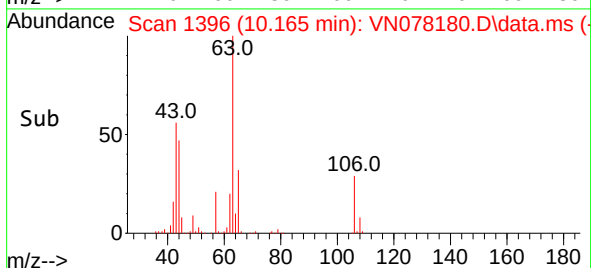
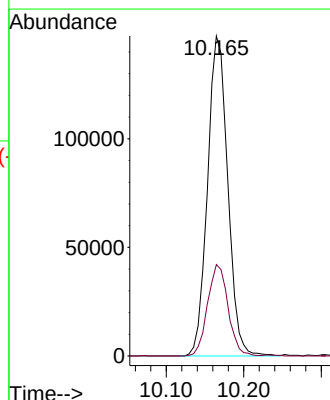
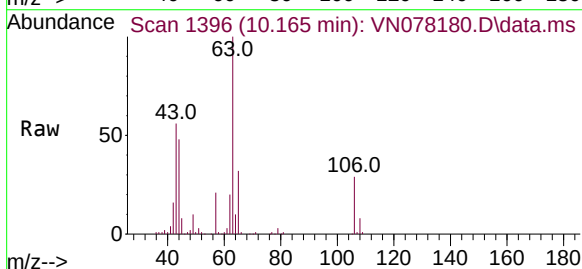
Acq: 13 Jun 2023 12:13

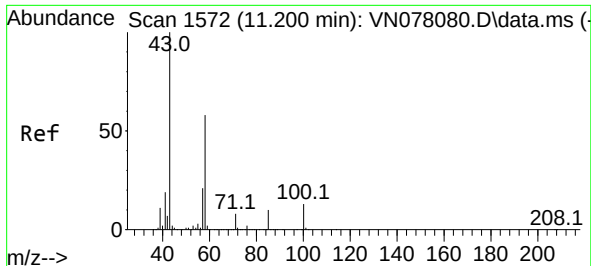
Tgt Ion: 63 Resp: 267280

Ion Ratio Lower Upper

63 100

106 28.8 26.2 39.4

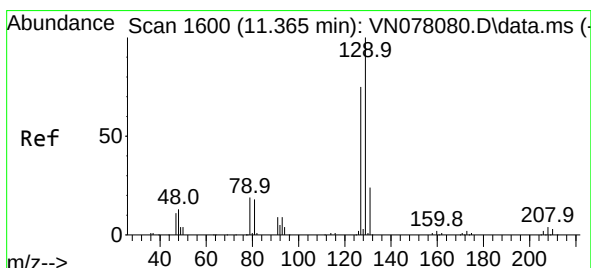
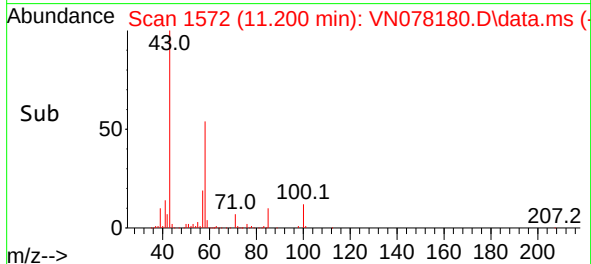
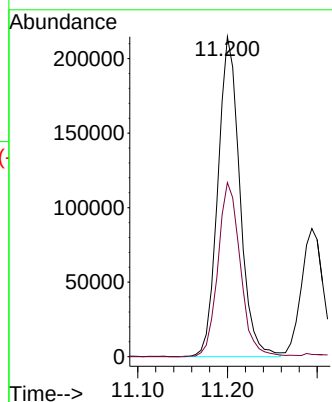
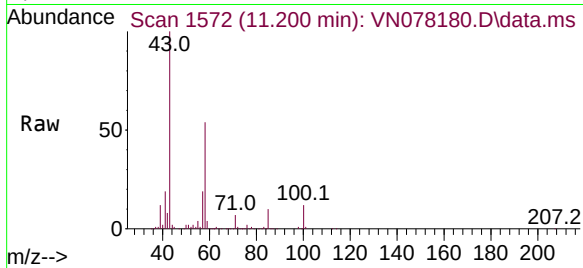




#59
2-Hexanone
Concen: 100.677 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

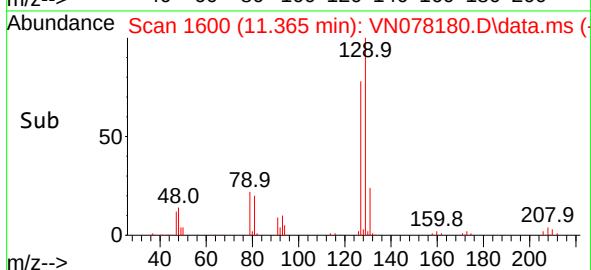
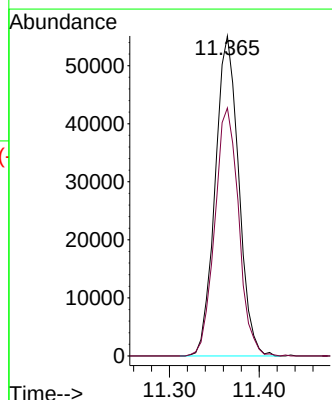
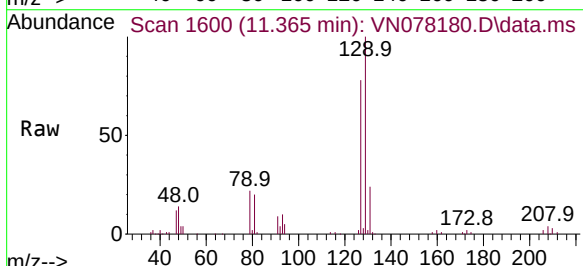
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

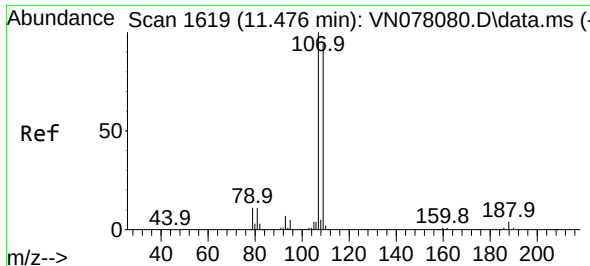
Tgt Ion: 43 Resp: 365183
Ion Ratio Lower Upper
43 100
58 55.6 31.7 95.1



#60
Dibromochloromethane
Concen: 19.415 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion:129 Resp: 100311
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0

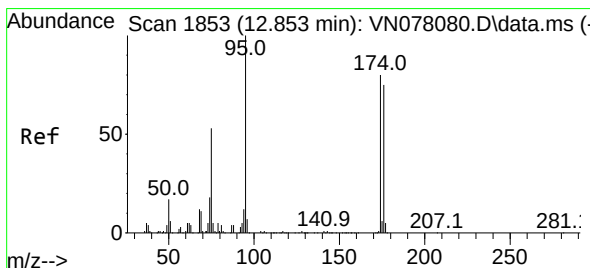
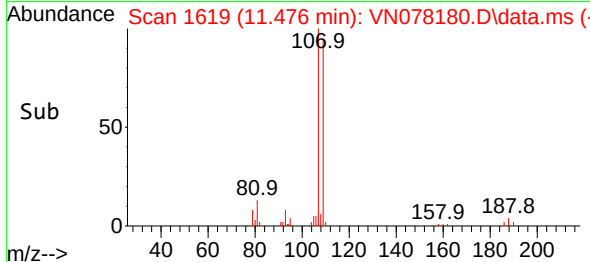
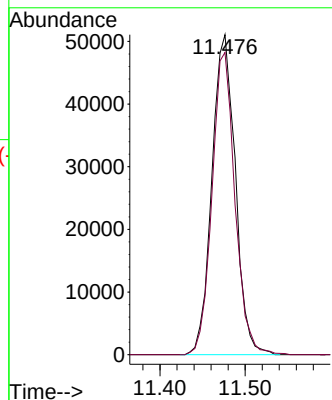
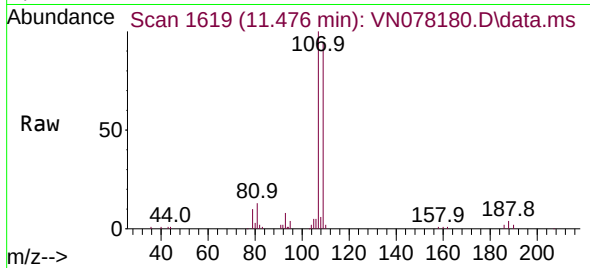




#61
1,2-Dibromoethane
Concen: 19.653 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

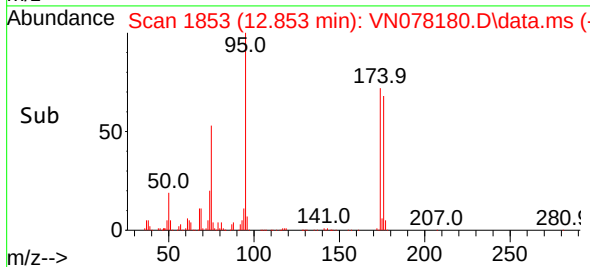
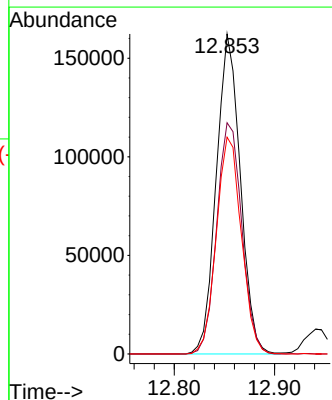
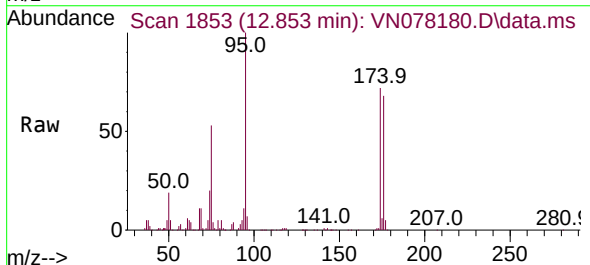
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

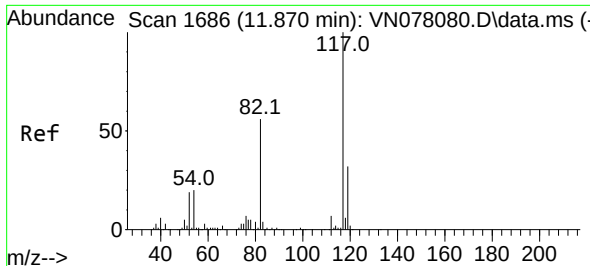
Tgt Ion:107 Resp: 97377
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.756 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 95 Resp: 269741
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 70.6 0.0 135.8

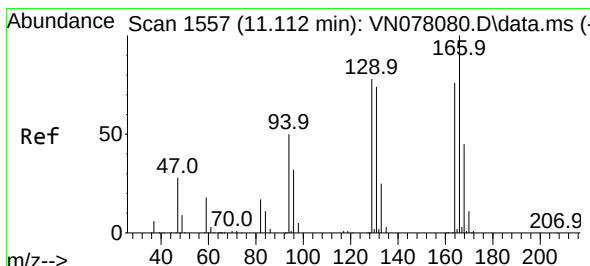
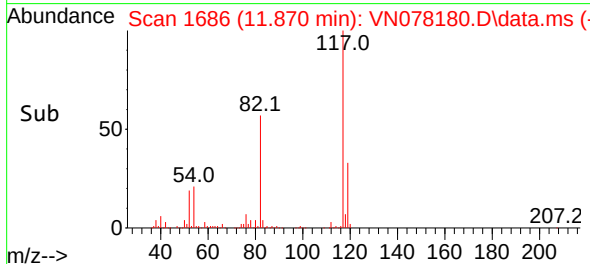
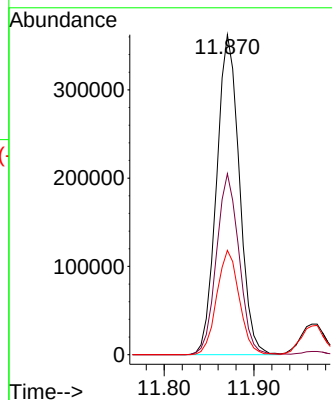
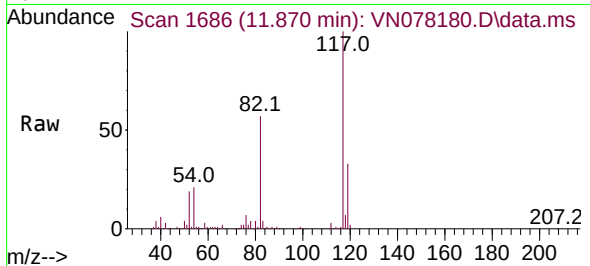




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

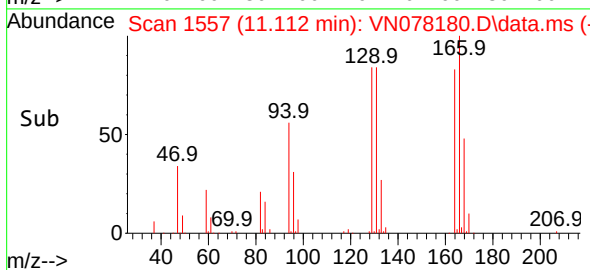
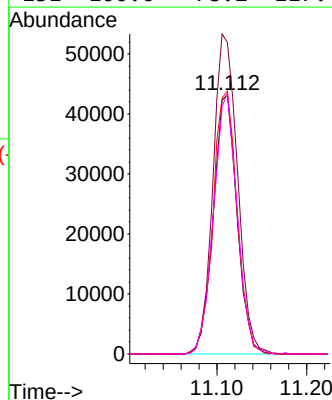
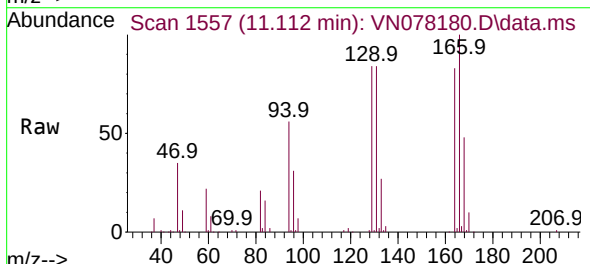
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

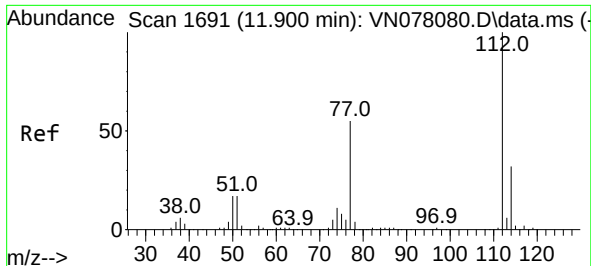
Tgt Ion:117 Resp: 639572
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 18.497 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion:164 Resp: 78922
Ion Ratio Lower Upper
164 100
166 120.1 101.4 152.0
129 101.5 82.4 123.6
131 100.6 78.2 117.4

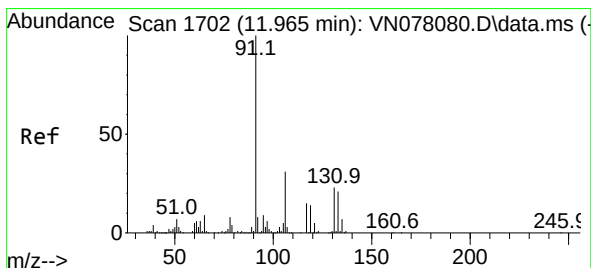
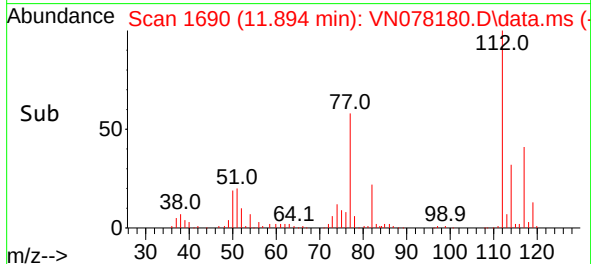
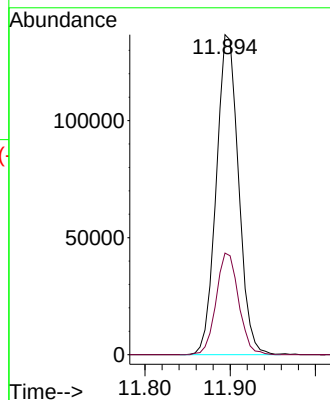
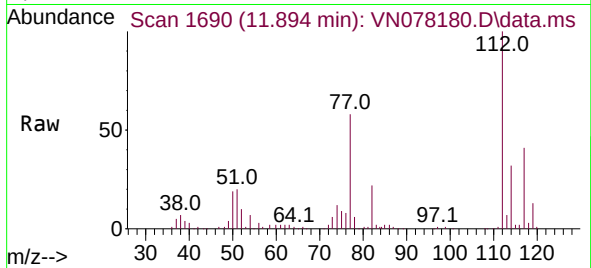




#65
Chlorobenzene
Concen: 18.100 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

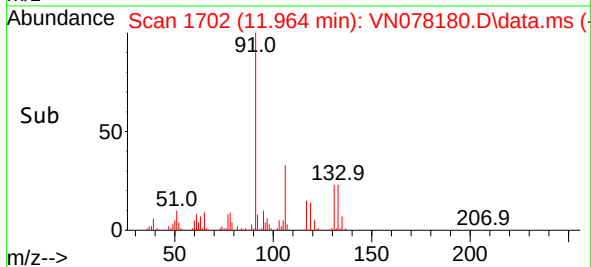
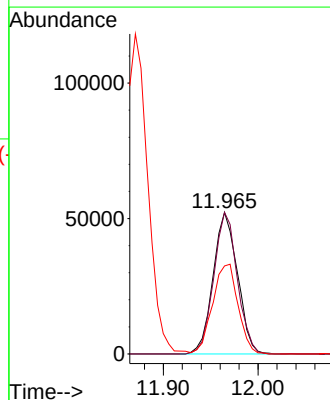
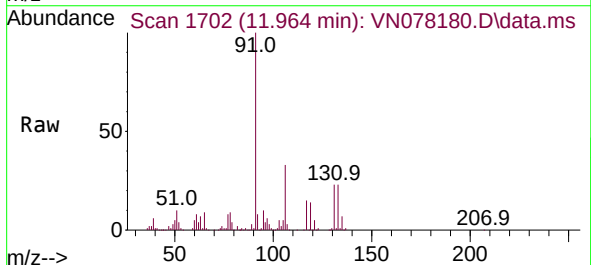
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

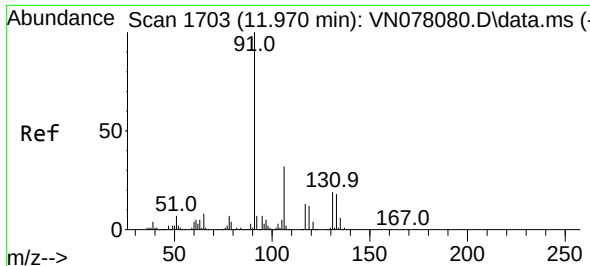
Tgt Ion:112 Resp: 247911
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.550 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion:131 Resp: 93450
Ion Ratio Lower Upper
131 100
133 96.6 46.4 139.1
119 66.2 34.1 102.2

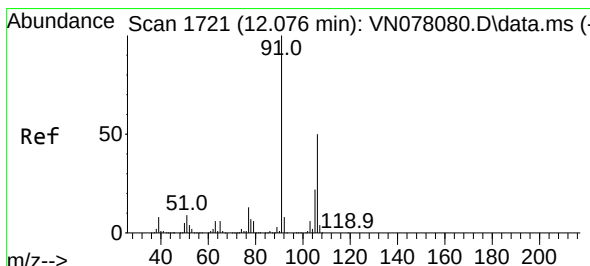
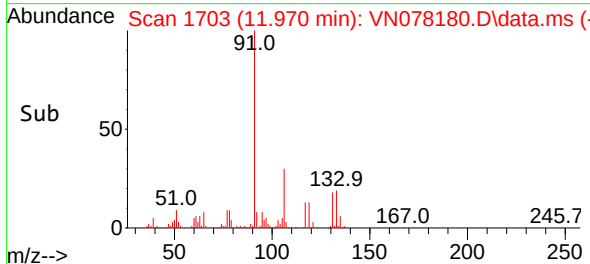
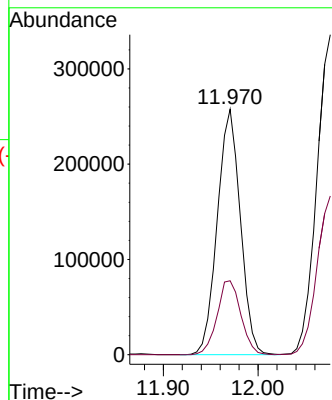
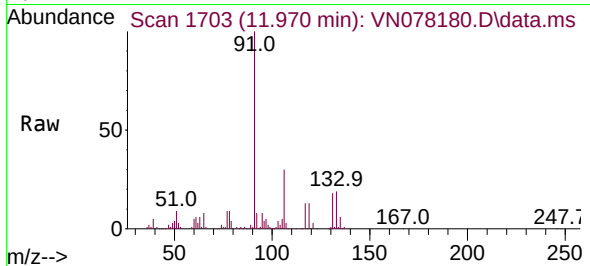




#67
Ethyl Benzene
Concen: 18.426 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

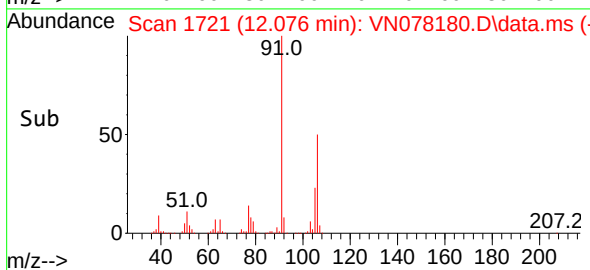
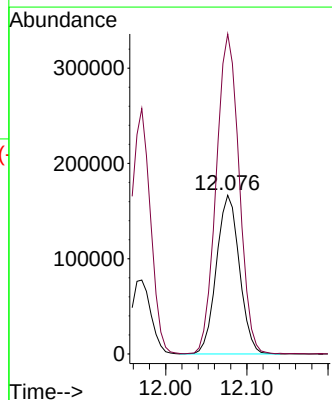
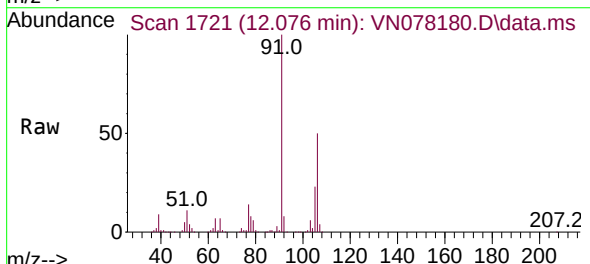
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

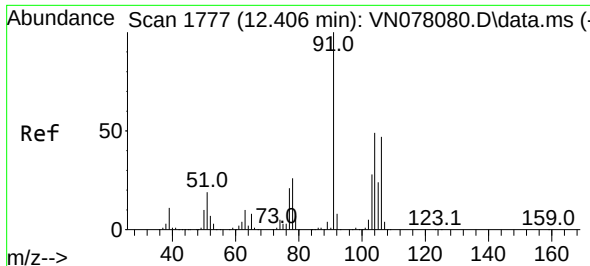
Tgt Ion: 91 Resp: 435469
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4



#68
m/p-Xylenes
Concen: 36.404 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 106 Resp: 327886
Ion Ratio Lower Upper
106 100
91 200.8 159.6 239.4

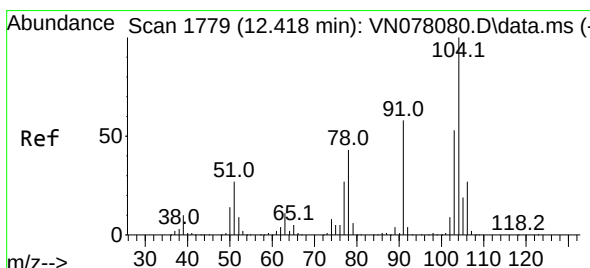
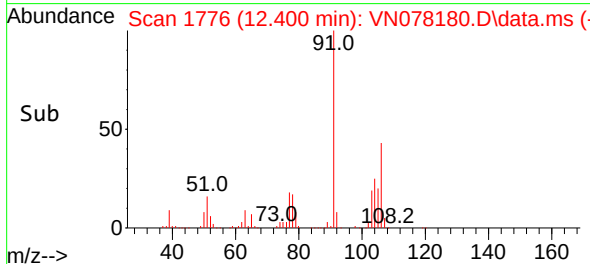
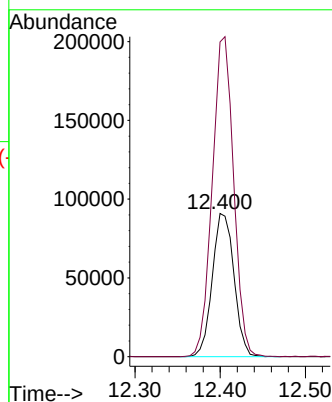
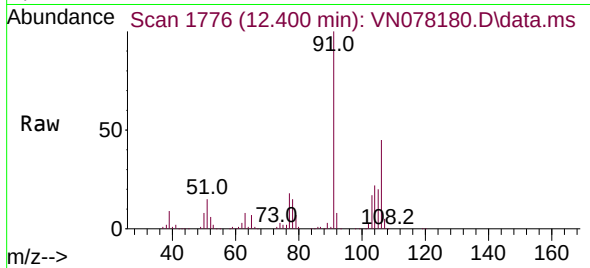




#69
o-Xylene
Concen: 18.146 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

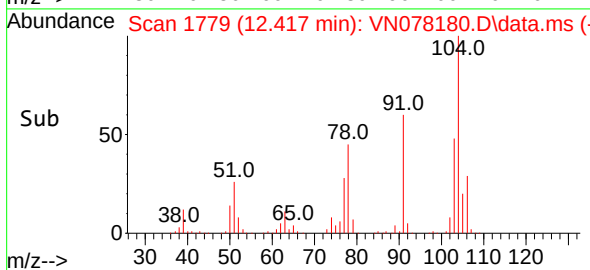
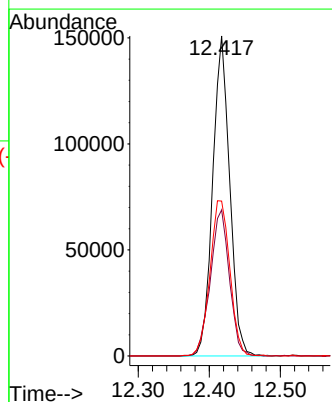
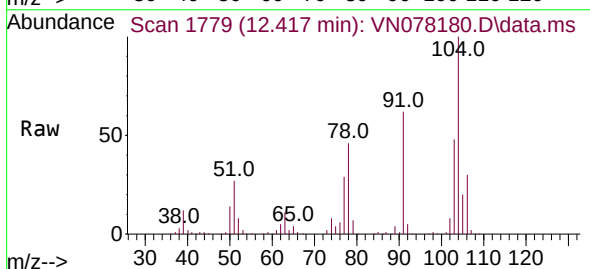
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

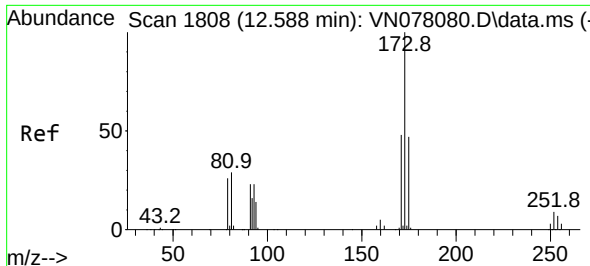
Tgt Ion:106 Resp: 160498
Ion Ratio Lower Upper
106 100
91 220.4 105.2 315.5



#70
Styrene
Concen: 18.010 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion:104 Resp: 250778
Ion Ratio Lower Upper
104 100
78 51.1 39.5 59.3
103 56.8 43.2 64.8

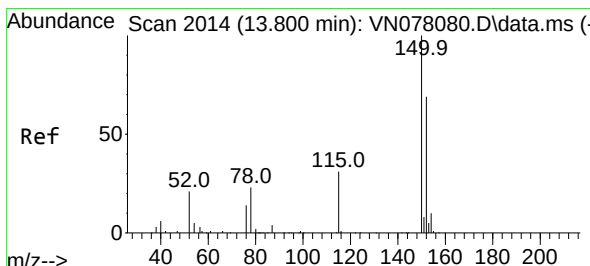
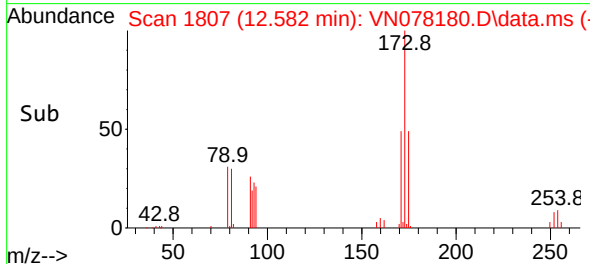
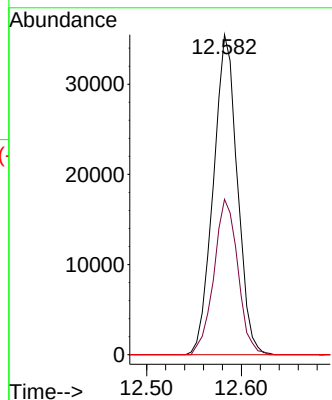
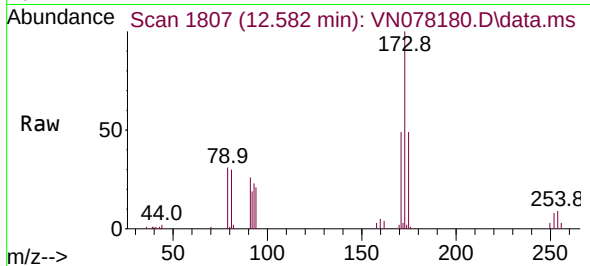




#71
Bromoform
Concen: 19.211 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

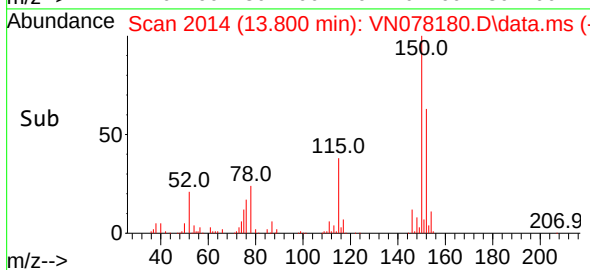
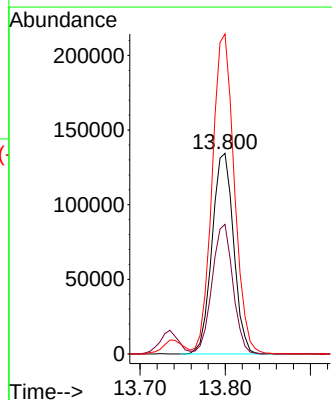
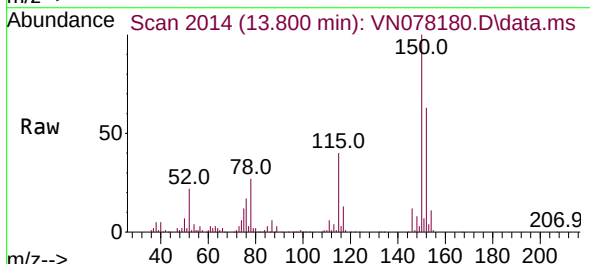
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

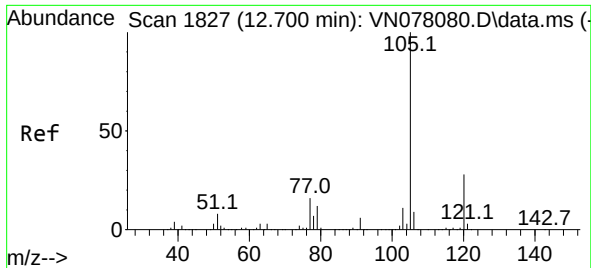
Tgt Ion:173 Resp: 62455
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion:152 Resp: 236015
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 163.6 0.0 355.8

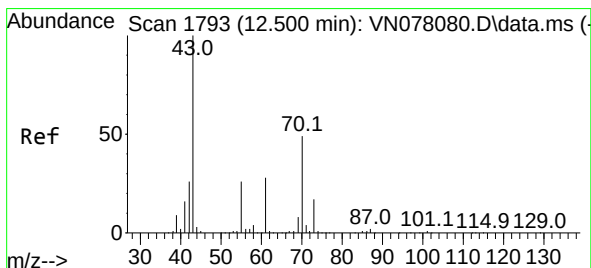
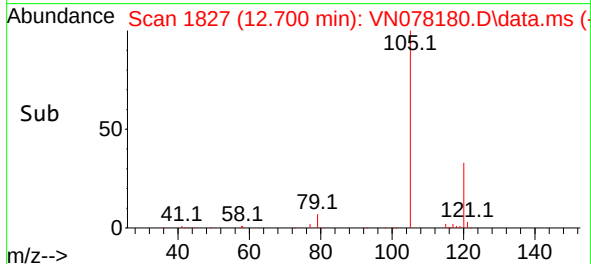
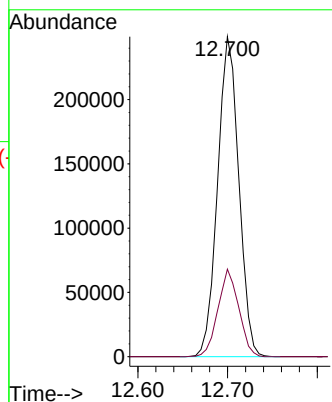
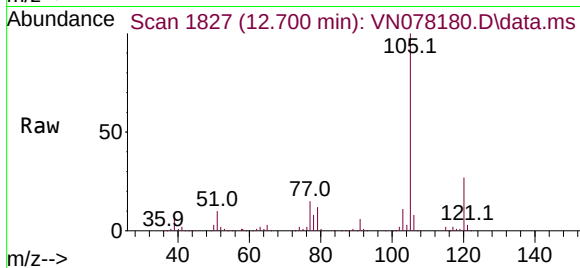




#73
Isopropylbenzene
Concen: 18.302 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

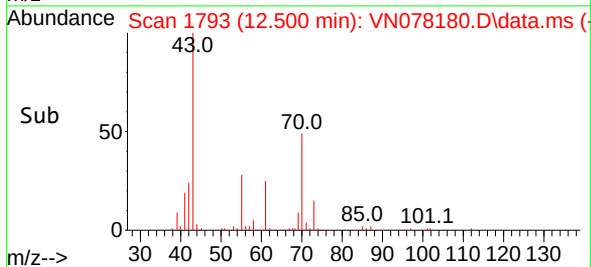
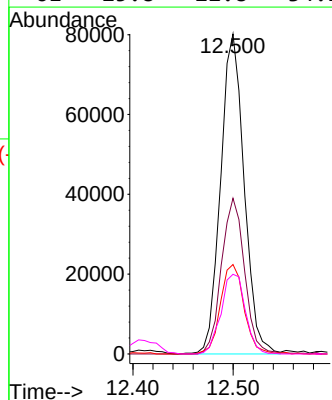
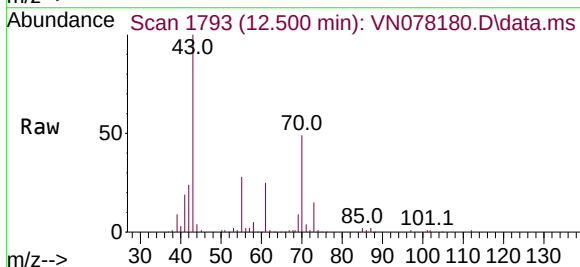
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

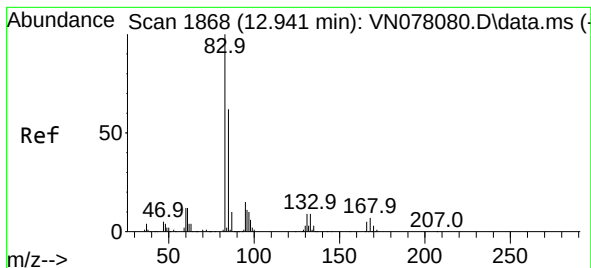
Tgt Ion:105 Resp: 408470
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#74
N-ethyl acetate
Concen: 17.743 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 43 Resp: 130403
Ion Ratio Lower Upper
43 100
70 47.9 43.4 65.2
55 28.2 21.4 32.0
61 25.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.180 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN078180.D

Acq: 13 Jun 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBSD01

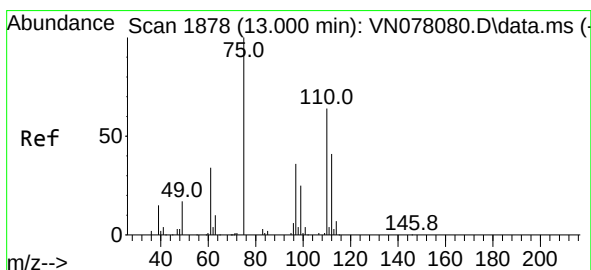
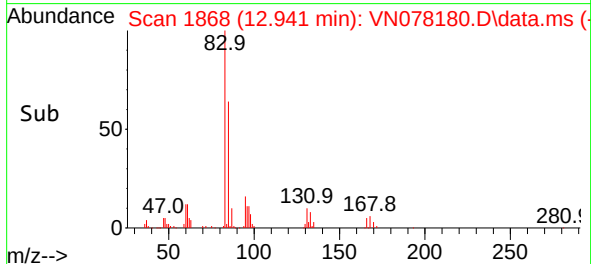
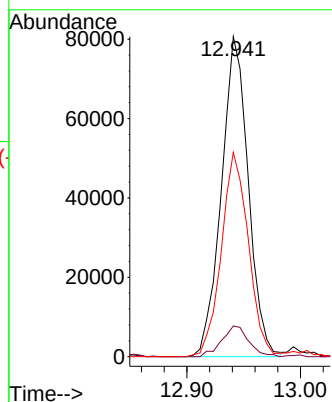
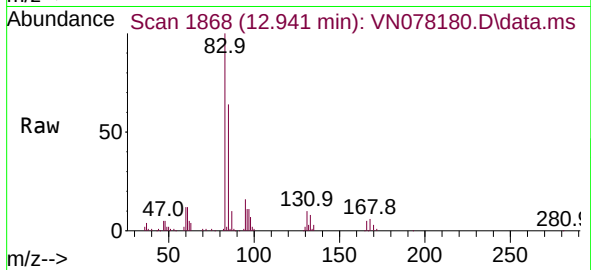
Tgt Ion: 83 Resp: 132831

Ion Ratio Lower Upper

83 100

131 9.6 5.0 15.0

85 64.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 27.277 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078180.D

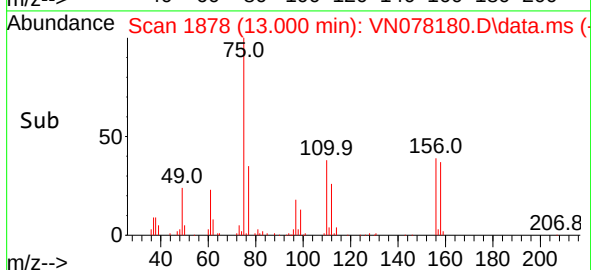
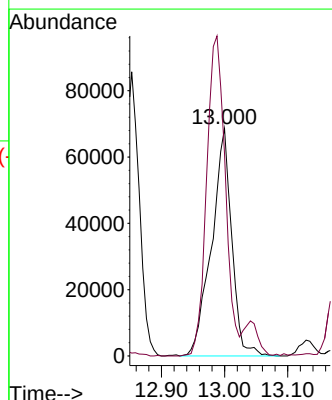
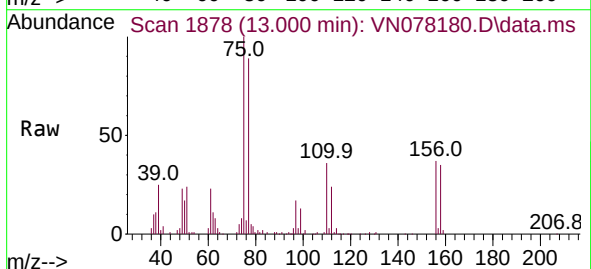
Acq: 13 Jun 2023 12:13

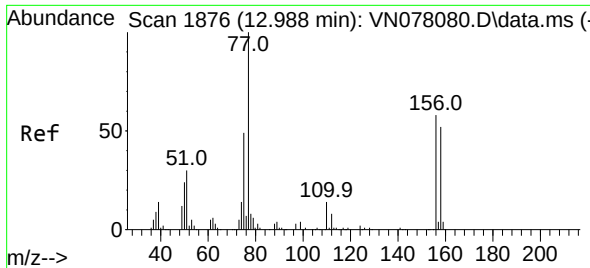
Tgt Ion: 75 Resp: 152191

Ion Ratio Lower Upper

75 100

77 129.8 84.5 253.5

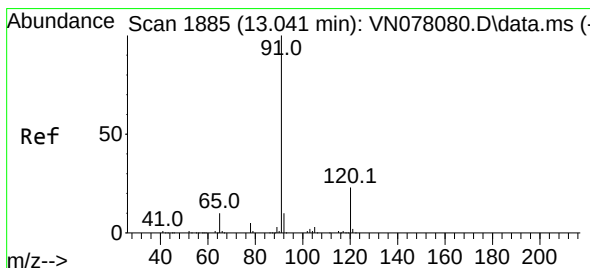
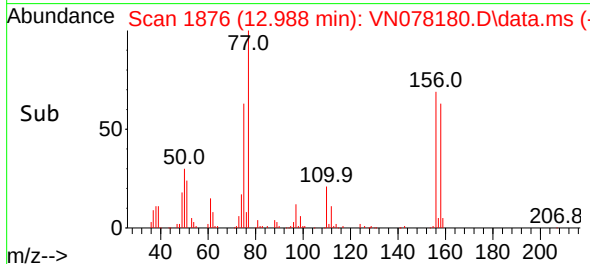
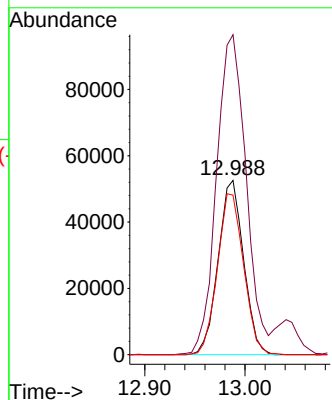
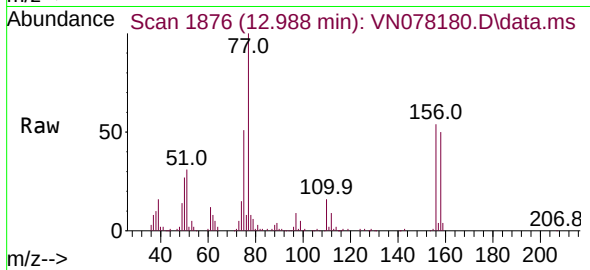




#77
Bromobenzene
Concen: 17.867 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

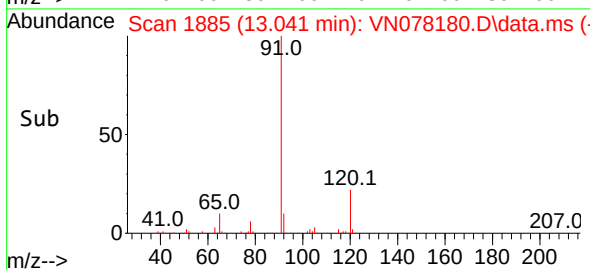
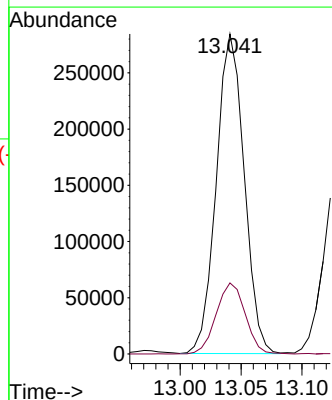
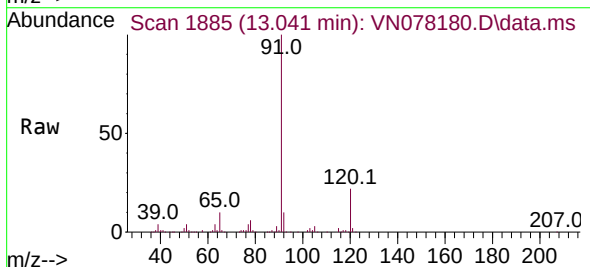
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

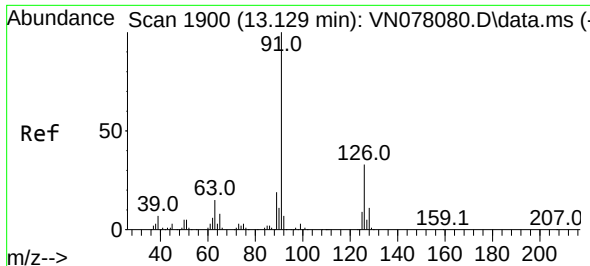
Tgt Ion:156 Resp: 92570
Ion Ratio Lower Upper
156 100
77 213.4 107.7 323.3
158 94.9 48.4 145.3



#78
n-propylbenzene
Concen: 18.703 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 91 Resp: 453504
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4

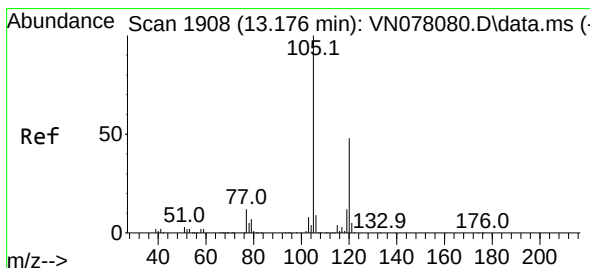
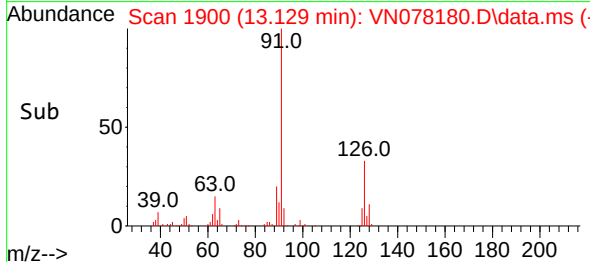
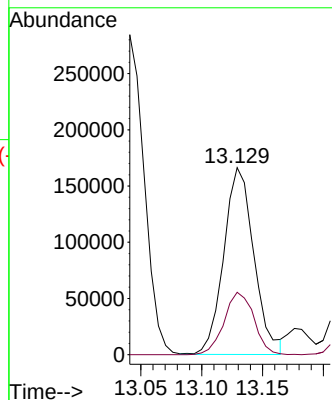
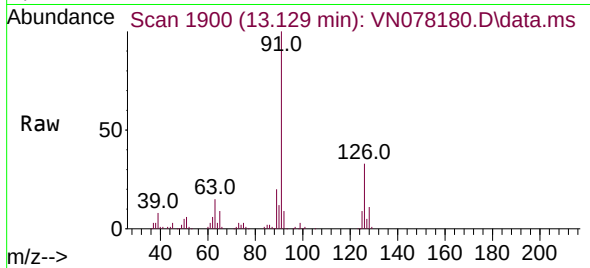




#79
2-Chlorotoluene
Concen: 18.313 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

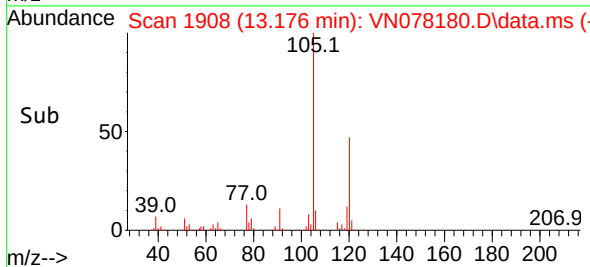
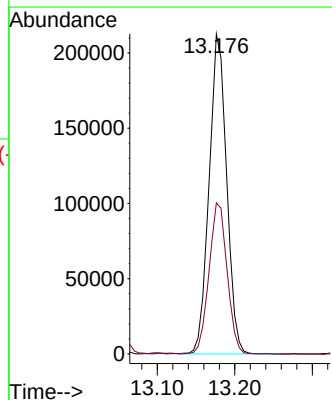
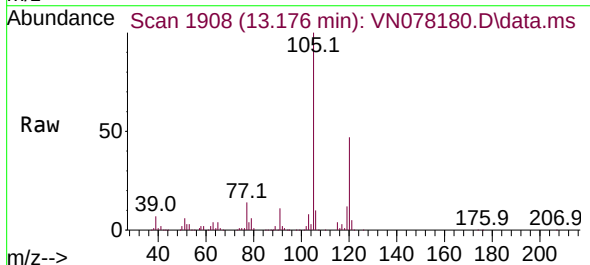
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

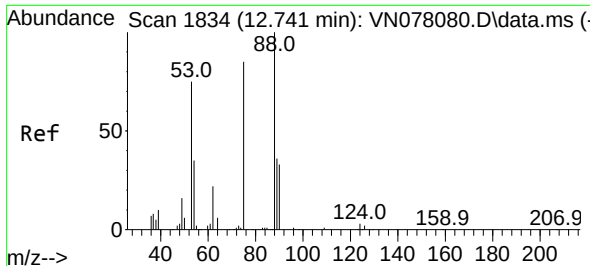
Tgt Ion: 91 Resp: 286634
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.458 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 105 Resp: 333517
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3

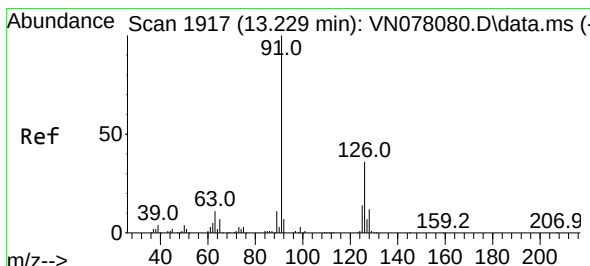
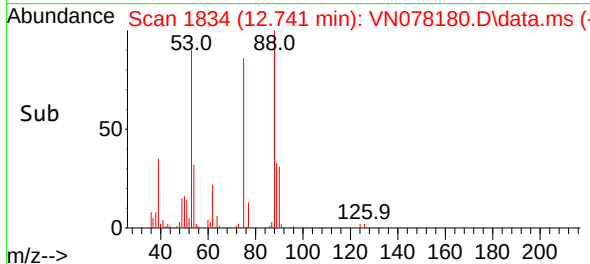
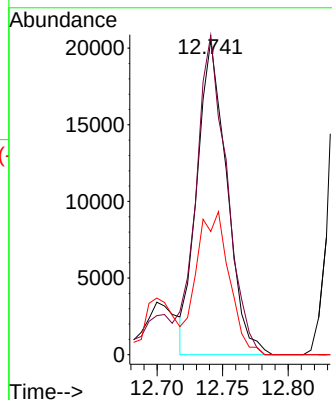
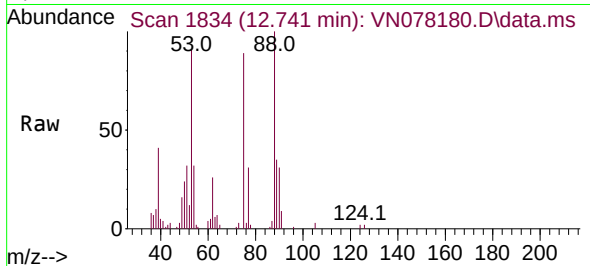




#81
trans-1,4-Dichloro-2-butene
Concen: 17.784 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

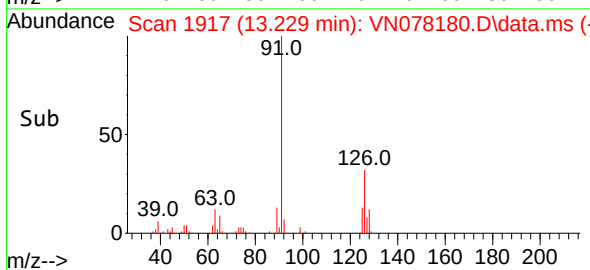
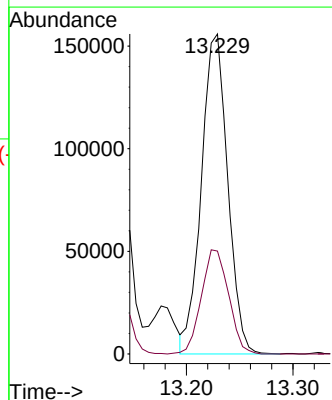
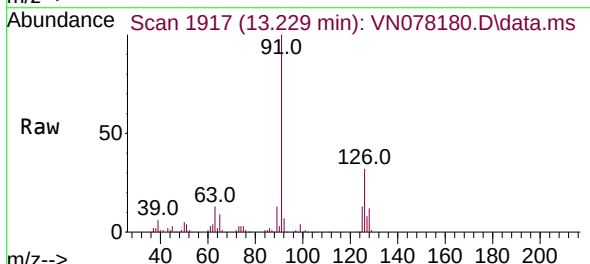
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

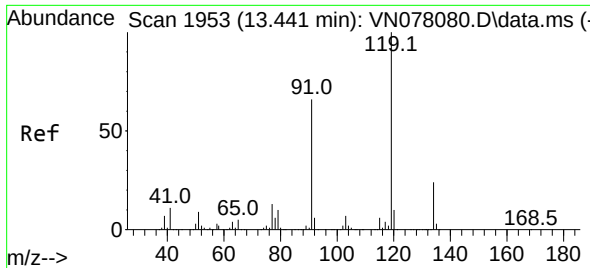
Tgt Ion: 75 Resp: 32297
Ion Ratio Lower Upper
75 100
53 118.2 67.4 101.2#
89 50.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.362 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 91 Resp: 268241
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0

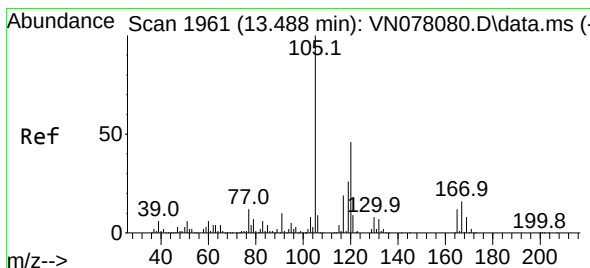
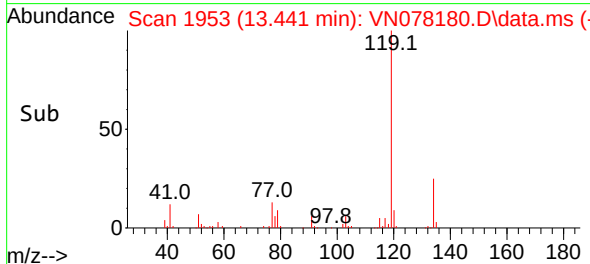
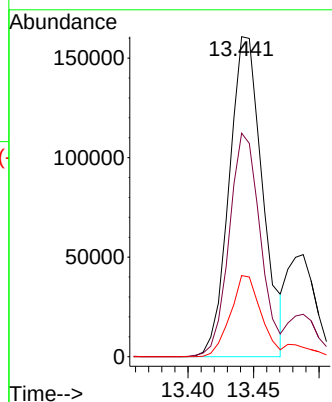
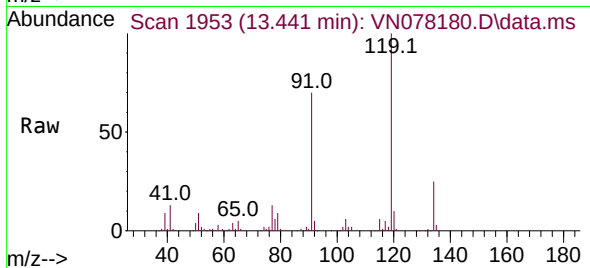




#83
 tert-Butylbenzene
 Concen: 18.104 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

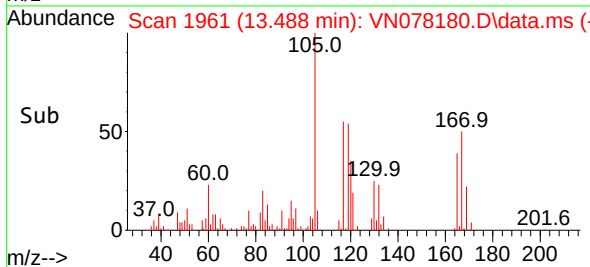
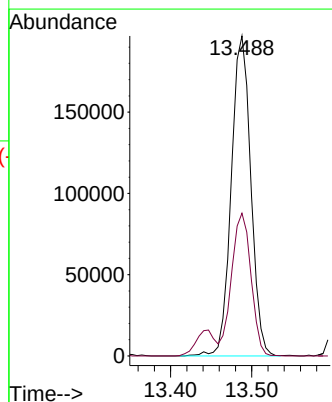
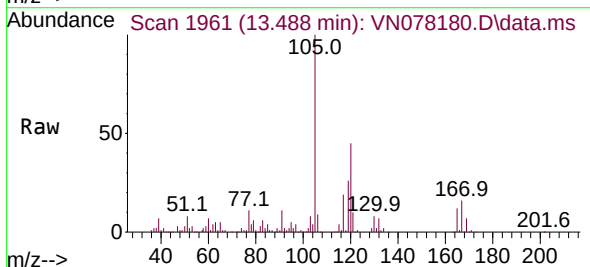
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBSD01

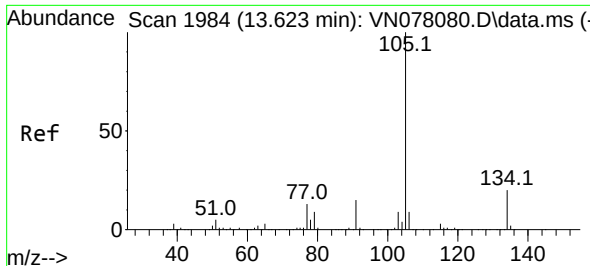
Tgt Ion:119 Resp: 284353
 Ion Ratio Lower Upper
 119 100
 91 65.3 33.9 101.7
 134 23.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.781 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

Tgt Ion:105 Resp: 329009
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0

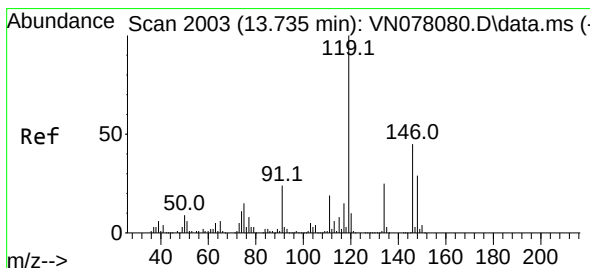
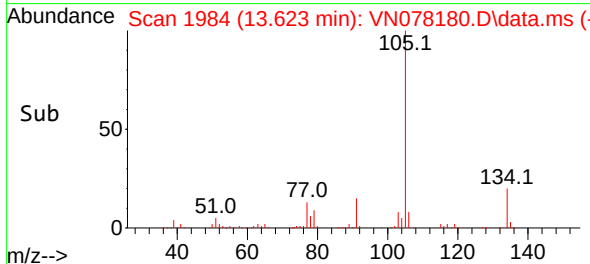
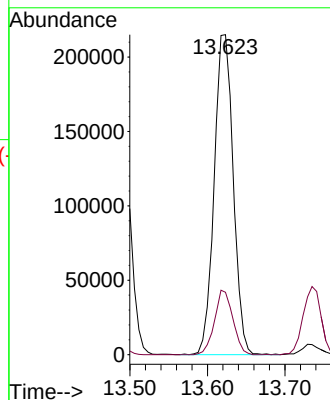
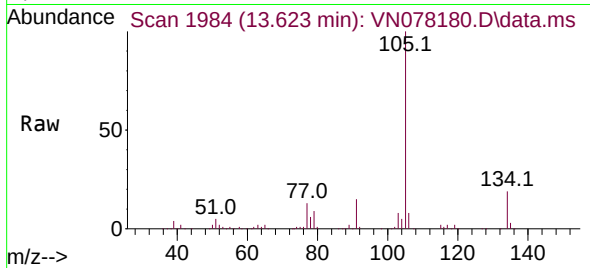




#85
 sec-Butylbenzene
 Concen: 17.857 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

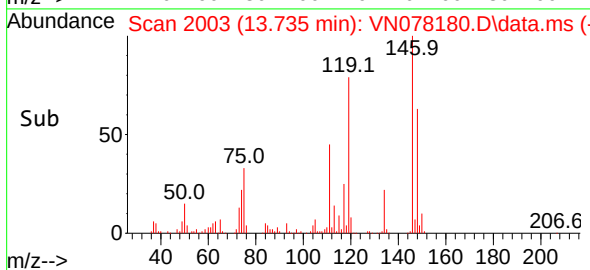
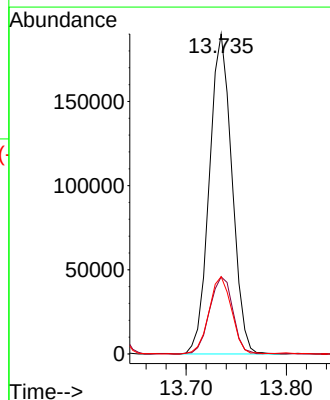
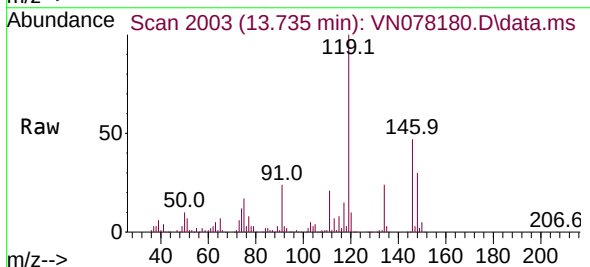
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBSD01

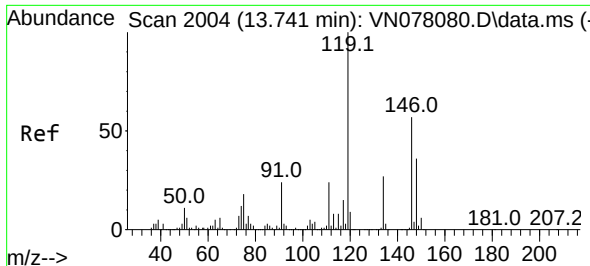
Tgt Ion:105 Resp: 367114
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 17.836 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

Tgt Ion:119 Resp: 297557
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 24.3 12.4 37.2

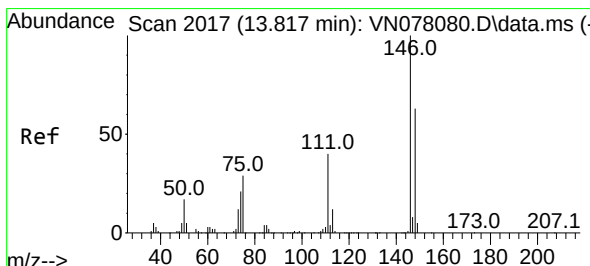
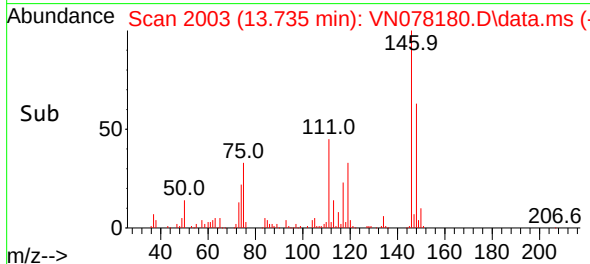
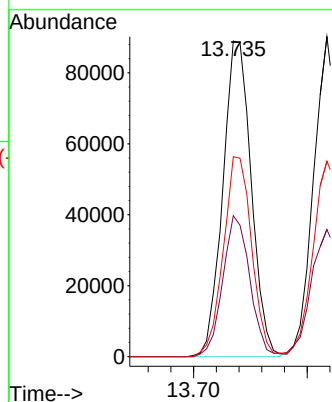
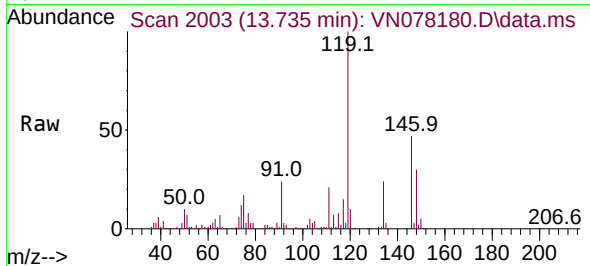




#87
 1,3-Dichlorobenzene
 Concen: 17.662 ug/l
 RT: 13.735 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

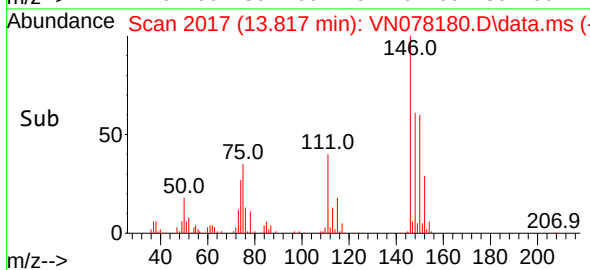
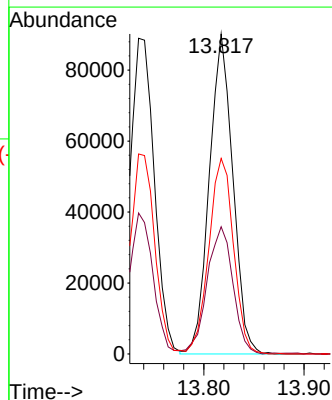
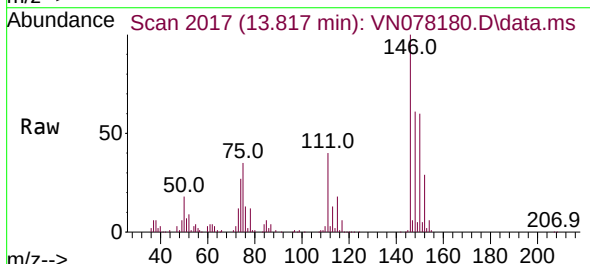
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS01

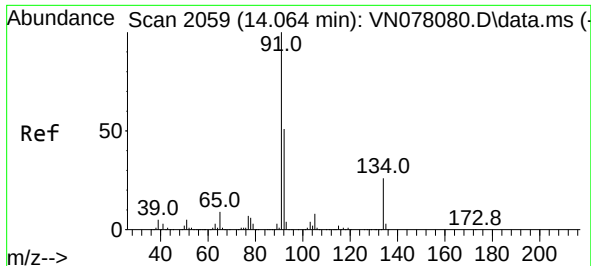
Tgt Ion:146 Resp: 154785
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.1 66.3
 148 63.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 17.393 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078180.D
 Acq: 13 Jun 2023 12:13

Tgt Ion:146 Resp: 147077
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.6 61.8
 148 64.2 31.6 94.8

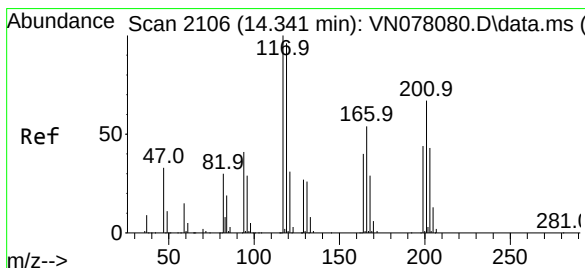
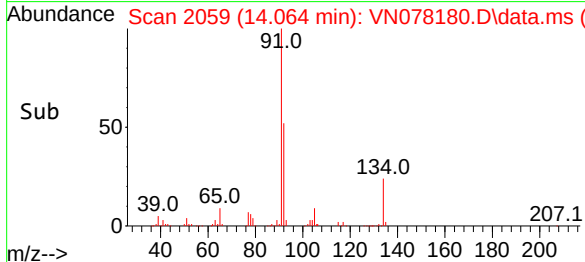
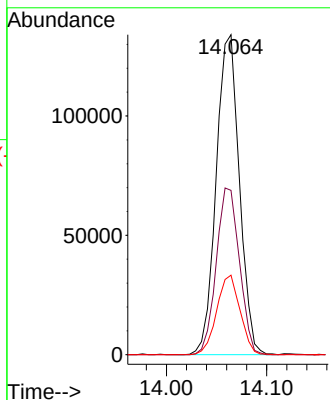
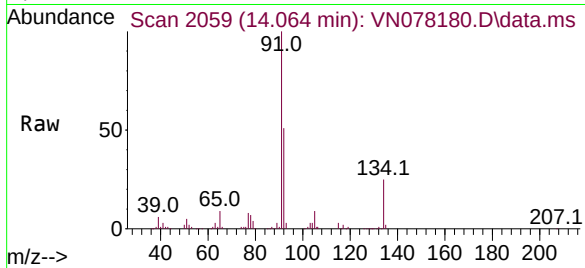




#89
n-Butylbenzene
Concen: 16.331 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

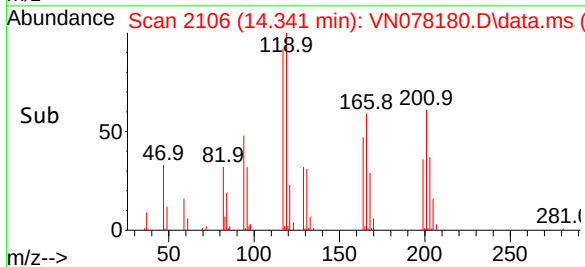
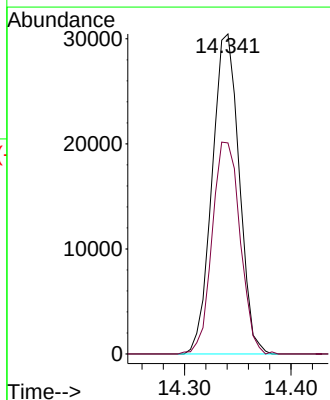
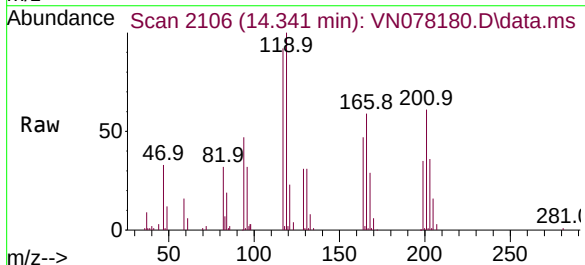
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

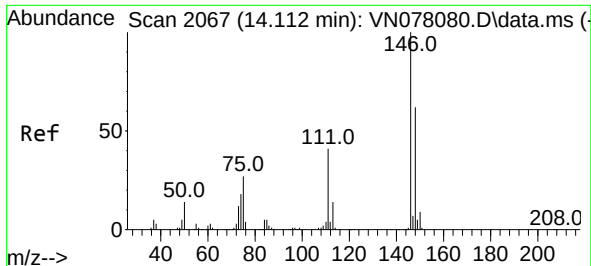
Tgt Ion: 91 Resp: 214897
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 25.0 12.6 37.6



#90
Hexachloroethane
Concen: 18.171 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 117 Resp: 53798
Ion Ratio Lower Upper
117 100
201 68.2 29.3 88.0

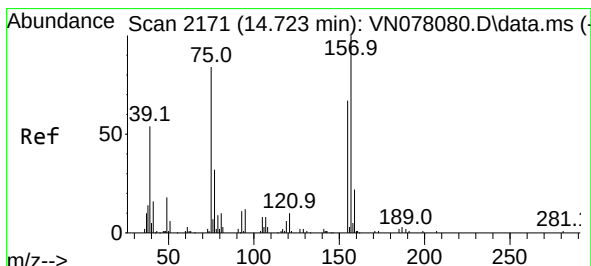
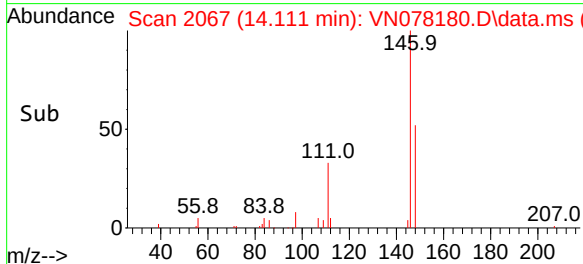
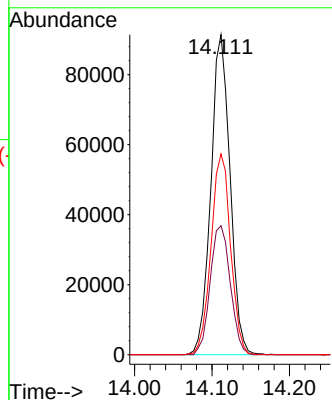
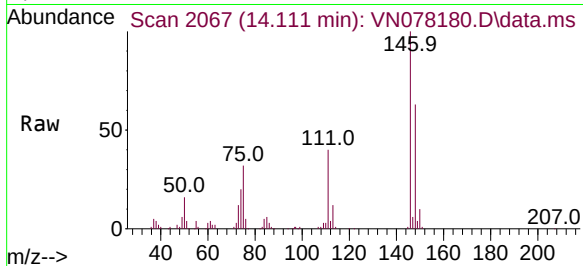




#91
1,2-Dichlorobenzene
Concen: 18.337 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

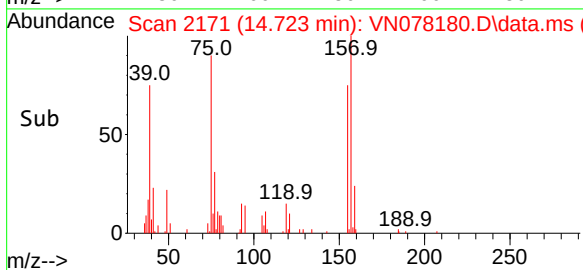
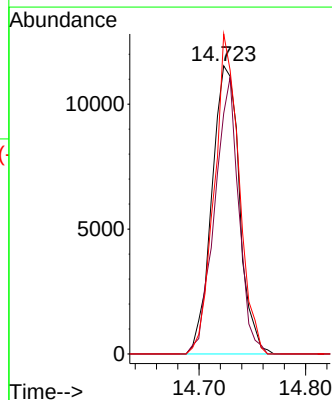
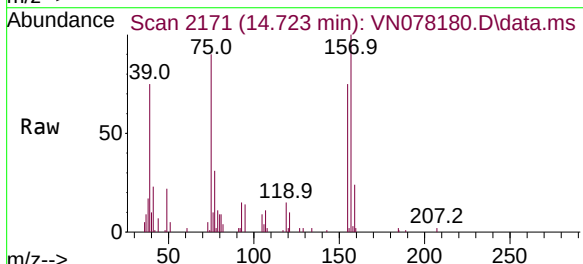
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS01

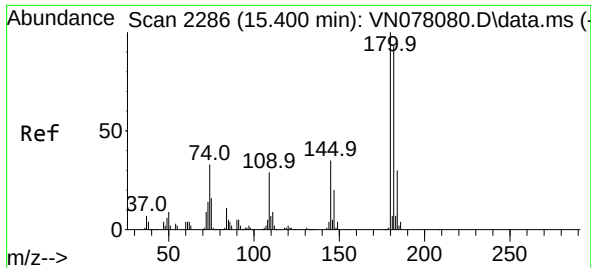
Tgt Ion:146 Resp: 157053
Ion Ratio Lower Upper
146 100
111 42.3 22.0 66.0
148 63.9 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.726 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion: 75 Resp: 20701
Ion Ratio Lower Upper
75 100
155 83.7 39.1 117.2
157 99.6 50.3 150.9

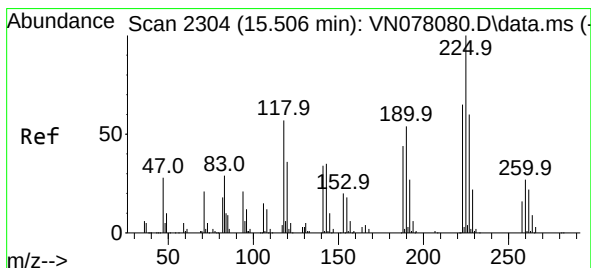
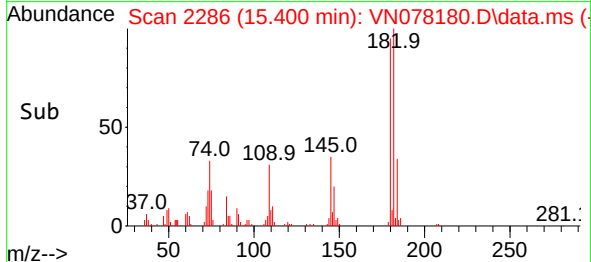
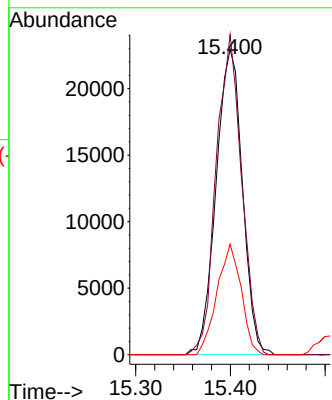
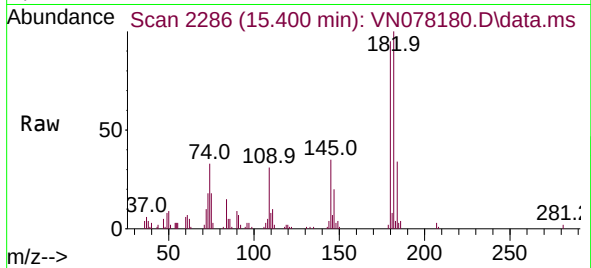




#93
1,2,4-Trichlorobenzene
Concen: 14.520 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

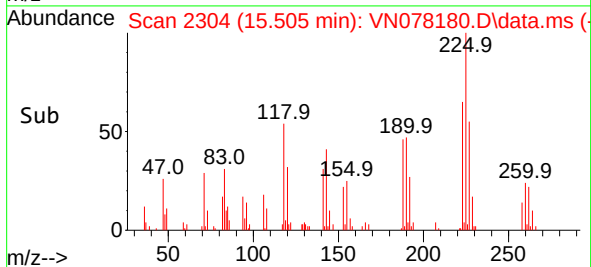
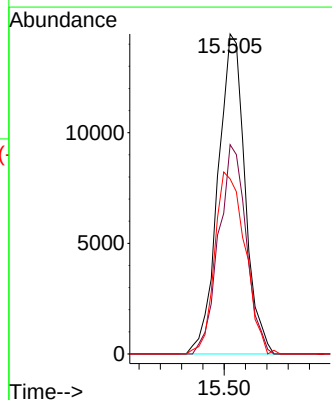
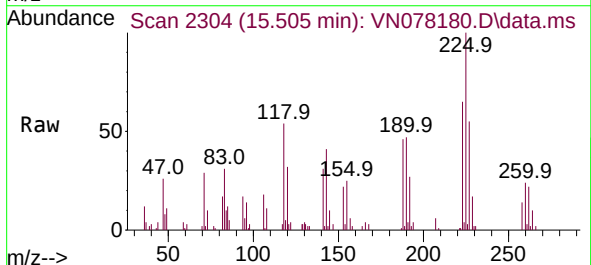
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

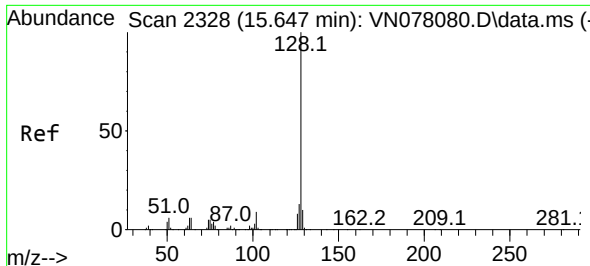
Tgt Ion:180 Resp: 44310
Ion Ratio Lower Upper
180 100
182 101.3 46.1 138.2
145 33.2 16.6 49.8



#94
Hexachlorobutadiene
Concen: 15.117 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion:225 Resp: 25408
Ion Ratio Lower Upper
225 100
223 66.5 31.3 93.8
227 63.7 31.9 95.9

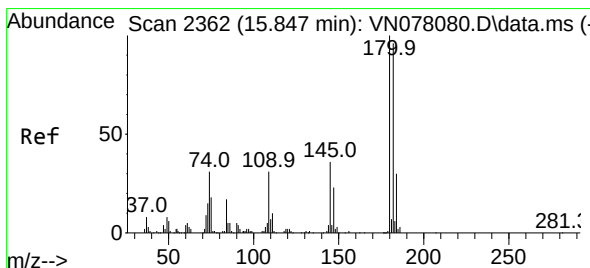
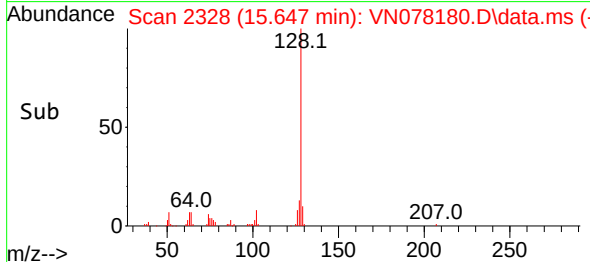
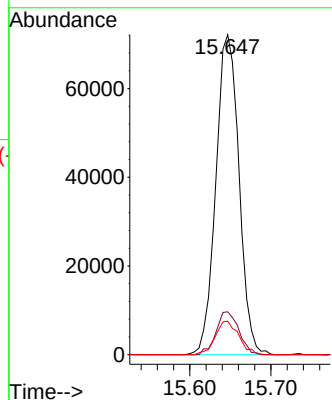
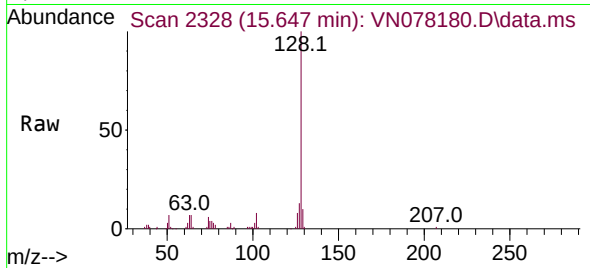




#95
Naphthalene
Concen: 13.922 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBSD01

Tgt Ion:128 Resp: 142909
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.531 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078180.D
Acq: 13 Jun 2023 12:13

Tgt Ion:180 Resp: 53006
Ion Ratio Lower Upper
180 100
182 97.4 46.2 138.6
145 35.4 17.5 52.6

