

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078470.D
 Acq On : 11 Jul 2023 19:04
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 12 01:34:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	427924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	736038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	673785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	281638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	282411	49.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	8.177	113	253259	50.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.380%
50) Toluene-d8	10.576	98	926081	49.064	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.853	95	297300	51.136	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	272008	51.845	ug/l	97
3) Chloromethane	2.371	50	295703	51.855	ug/l	98
4) Vinyl Chloride	2.518	62	400525	54.295	ug/l	98
5) Bromomethane	2.942	94	257061	55.656	ug/l	99
6) Chloroethane	3.118	64	250964	56.489	ug/l	98
7) Trichlorofluoromethane	3.500	101	482984	54.771	ug/l	99
8) Diethyl Ether	3.971	74	158935	54.097	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	252191	54.026	ug/l	96
10) Methyl Iodide	4.594	142	370859	57.816	ug/l	97
11) Tert butyl alcohol	5.547	59	252796	285.765	ug/l	98
12) 1,1-Dichloroethene	4.353	96	249057	55.158	ug/l	95
13) Acrolein	4.194	56	219869	252.620	ug/l	95
14) Allyl chloride	5.036	41	355088	57.551	ug/l	96
15) Acrylonitrile	5.736	53	652667	292.006	ug/l	99
16) Acetone	4.442	43	503217	281.598	ug/l	93
17) Carbon Disulfide	4.718	76	664216	50.871	ug/l	98
18) Methyl Acetate	5.036	43	424514	56.117	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	844962	56.795	ug/l	97
20) Methylene Chloride	5.289	84	297868	58.314	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	279349	54.900	ug/l	93
22) Diisopropyl ether	6.688	45	808428	58.516	ug/l	95
23) Vinyl Acetate	6.618	43	2557095	291.141	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	507607	54.527	ug/l	97
25) 2-Butanone	7.494	43	822634	292.441	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	402925	52.919	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	336581	57.181	ug/l	96
28) Bromochloromethane	7.824	49	208941	47.652	ug/l	94
29) Tetrahydrofuran	7.853	42	541549	293.397	ug/l	86
30) Chloroform	7.977	83	560934	57.876	ug/l	94
31) Cyclohexane	8.265	56	412042	53.146	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	501894	57.759	ug/l	97
36) 1,1-Dichloropropene	8.377	75	410482	56.897	ug/l	97
37) Ethyl Acetate	7.571	43	363949	60.516	ug/l #	93
38) Carbon Tetrachloride	8.371	117	452191	57.670	ug/l	97
39) Methylcyclohexane	9.606	83	378508	57.478	ug/l	90
40) Benzene	8.612	78	1228119	57.460	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	183025	59.697	ug/l	93
42) 1,2-Dichloroethane	8.682	62	410456	56.460	ug/l	99
43) Isopropyl Acetate	8.700	43	590184	59.606	ug/l	94
44) Trichloroethene	9.359	130	318979	55.373	ug/l	99
45) 1,2-Dichloropropane	9.629	63	308143	56.923	ug/l	93
46) Dibromomethane	9.718	93	223154	58.570	ug/l	93
47) Bromodichloromethane	9.894	83	445230	58.295	ug/l	98
48) Methyl methacrylate	9.688	41	272549	59.415	ug/l	90
49) 1,4-Dioxane	9.700	88	121176	1211.291	ug/l	97
51) 4-Methyl-2-Pentanone	10.453	43	1815462	308.255	ug/l	93
52) Toluene	10.635	92	782355	59.060	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	456955	58.402	ug/l	97
54) cis-1,3-Dichloropropene	10.324	75	497297	59.626	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	307427	58.904	ug/l	96
56) Ethyl methacrylate	10.882	69	456070	62.512	ug/l	91
57) 1,3-Dichloropropane	11.171	76	517615	58.329	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	791286	304.339	ug/l	93
59) 2-Hexanone	11.200	43	1317873	314.850	ug/l	93
60) Dibromochloromethane	11.365	129	350630	60.854	ug/l	100
61) 1,2-Dibromoethane	11.476	107	314506	58.498	ug/l	99
64) Tetrachloroethene	11.106	164	279452	55.166	ug/l	93
65) Chlorobenzene	11.900	112	820812	54.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	316871	54.691	ug/l	97
67) Ethyl Benzene	11.970	91	1469317	57.716	ug/l	98
68) m/p-Xylenes	12.076	106	1120877	119.085	ug/l	98
69) o-Xylene	12.406	106	547428	57.581	ug/l	96
70) Styrene	12.418	104	894641	60.150	ug/l	98
71) Bromoform	12.582	173	232274	59.195	ug/l #	100
73) Isopropylbenzene	12.700	105	1373035	51.883	ug/l	99
74) N-amyl acetate	12.500	43	480308	52.666	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	440126	60.175	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	356443m	52.360	ug/l	
77) Bromobenzene	12.988	156	325755	56.814	ug/l	96
78) n-propylbenzene	13.041	91	1529134	54.030	ug/l	100
79) 2-Chlorotoluene	13.129	91	951503	51.327	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	1105477	52.869	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	148152	57.189	ug/l	93
82) 4-Chlorotoluene	13.229	91	917330	53.045	ug/l	98
83) tert-Butylbenzene	13.447	119	939904	52.945	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1109917	54.648	ug/l	97
85) sec-Butylbenzene	13.623	105	1191829	53.114	ug/l	99
86) p-Isopropyltoluene	13.735	119	992482	55.083	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	557219	54.848	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	541587	52.925	ug/l	99
89) n-Butylbenzene	14.064	91	739307	57.347	ug/l	97
90) Hexachloroethane	14.341	117	194650	58.923	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	542334	53.641	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	71857	56.986	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	178023	55.171	ug/l	96
94) Hexachlorobutadiene	15.506	225	94831	57.425	ug/l	98
95) Naphthalene	15.647	128	567363	51.433	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	194310	52.371	ug/l	98

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QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

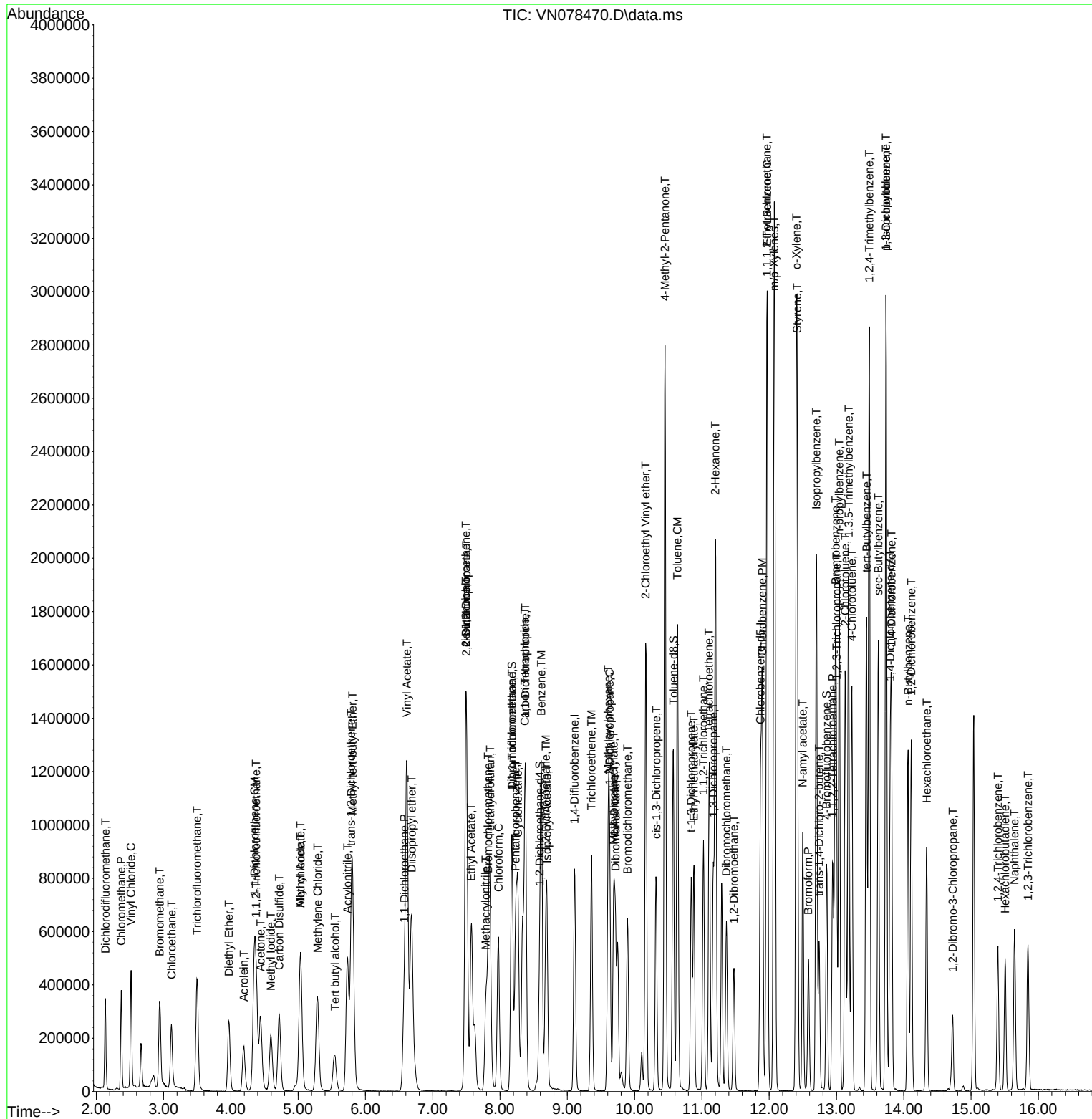
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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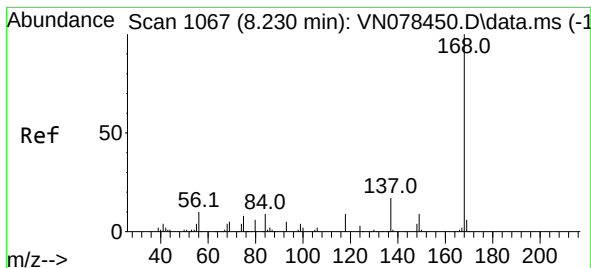
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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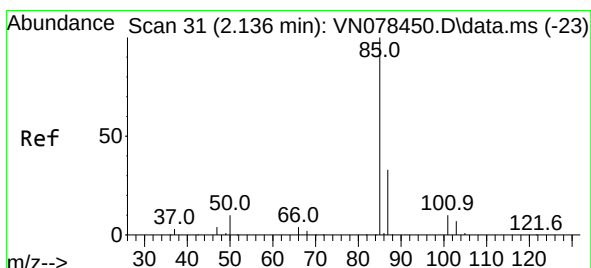
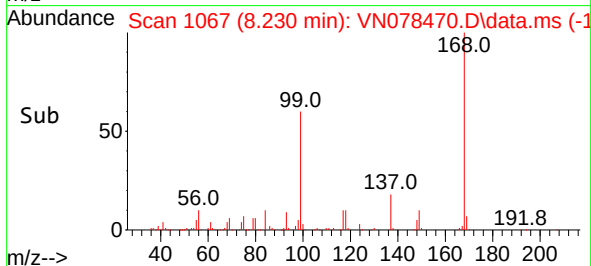
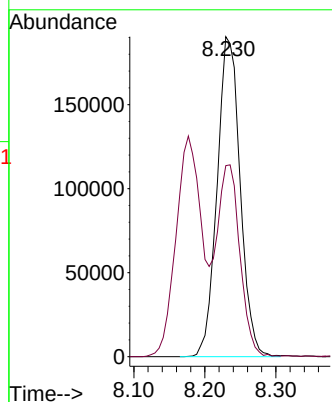
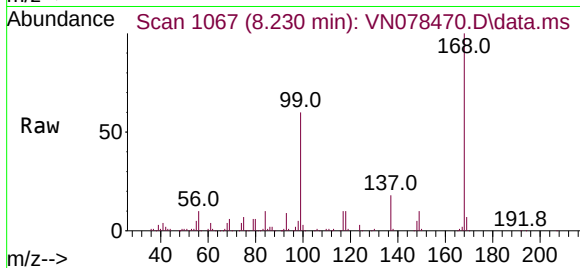




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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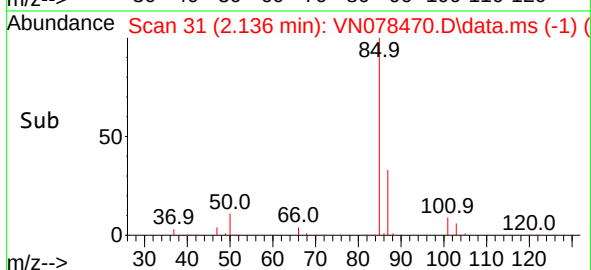
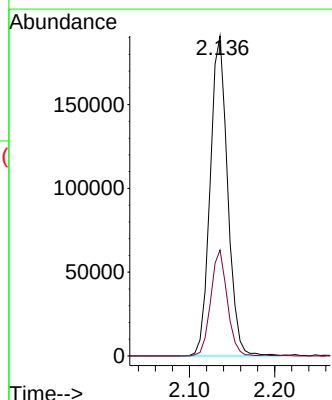
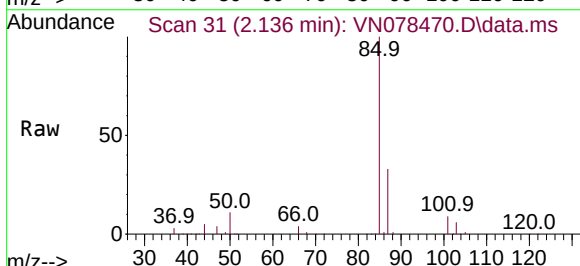
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

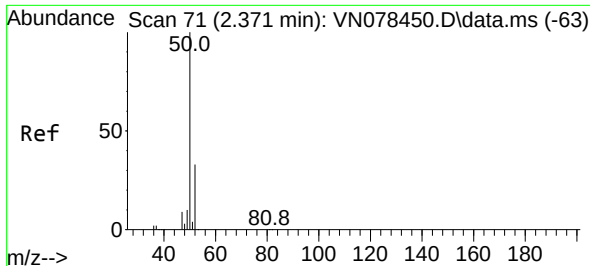
Tgt Ion:168 Resp: 427924
Ion Ratio Lower Upper
168 100
99 59.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 51.845 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 85 Resp: 272008
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4

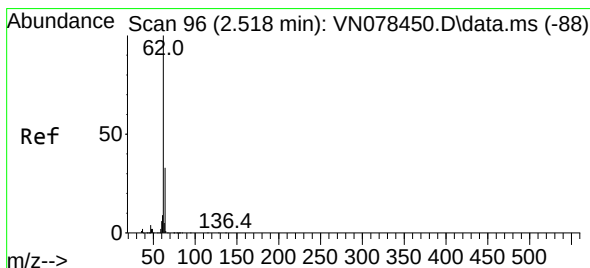
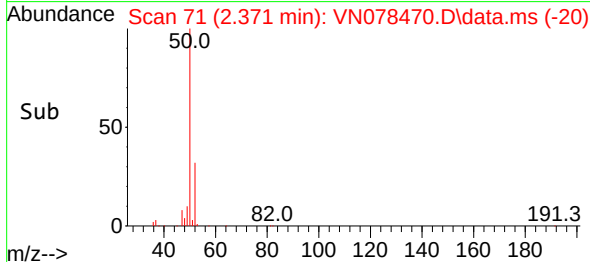
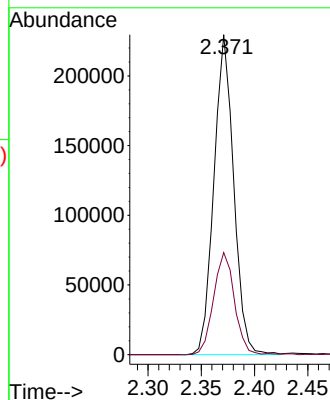
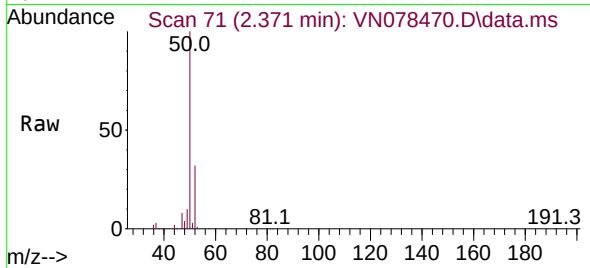




#3
Chloromethane
Concen: 51.855 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

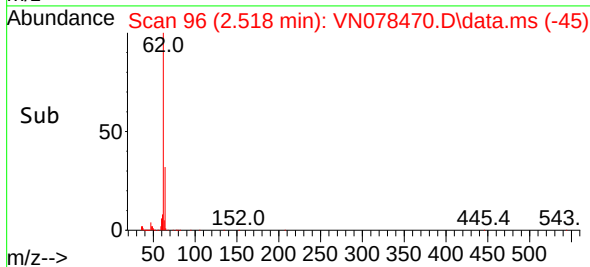
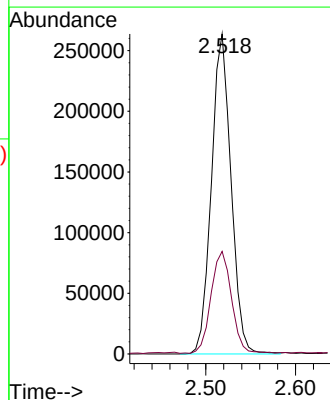
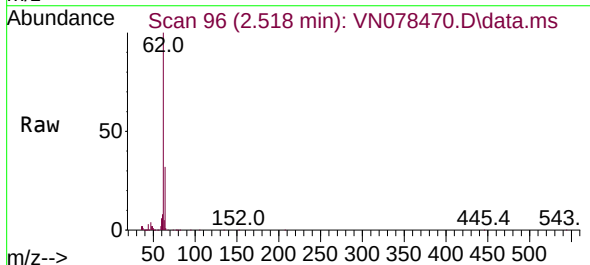
Instrument :
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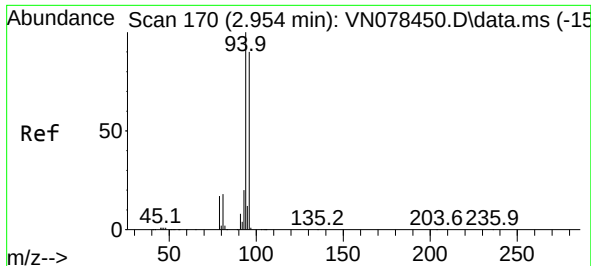
Tgt Ion: 50 Resp: 295703
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7



#4
Vinyl Chloride
Concen: 54.295 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 62 Resp: 400525
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2

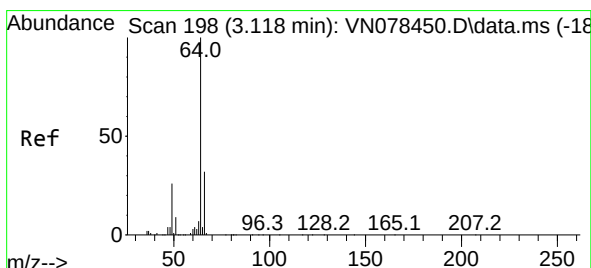
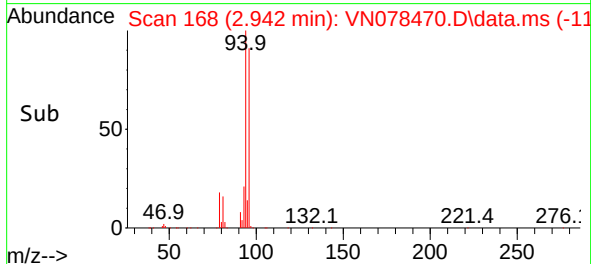
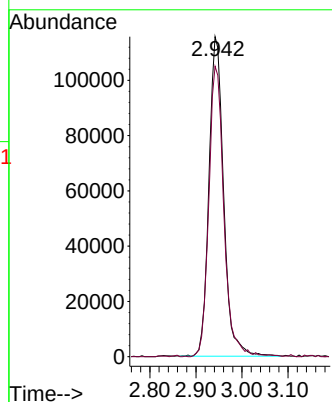
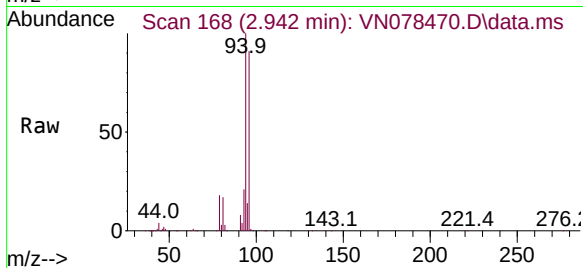




#5
Bromomethane
Concen: 55.656 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN078470.D
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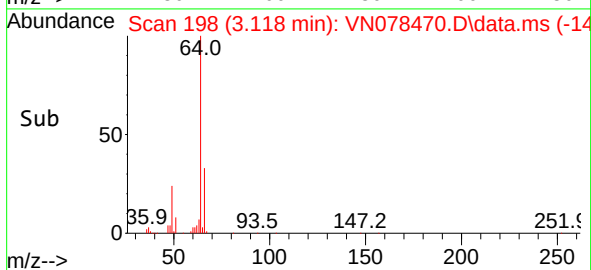
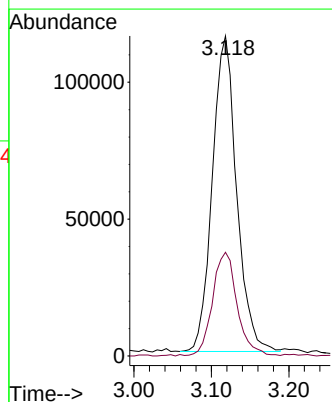
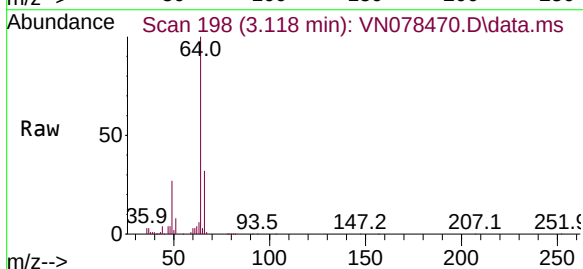
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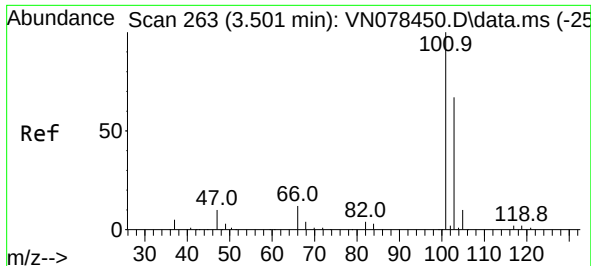
Tgt Ion: 94 Resp: 257061
Ion Ratio Lower Upper
94 100
96 90.9 73.1 109.7



#6
Chloroethane
Concen: 56.489 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 64 Resp: 250964
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2

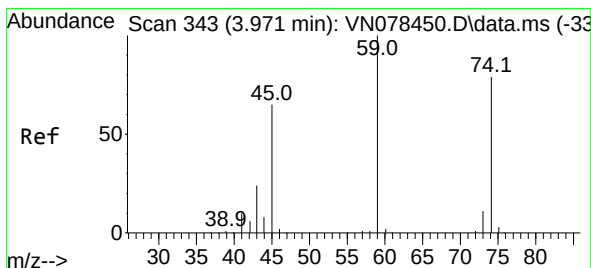
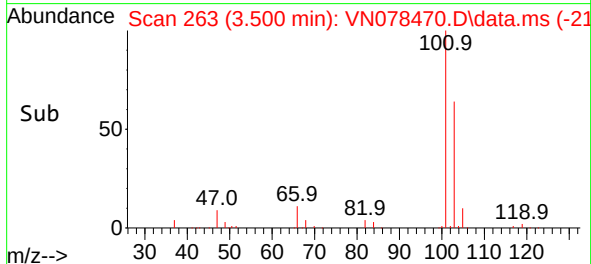
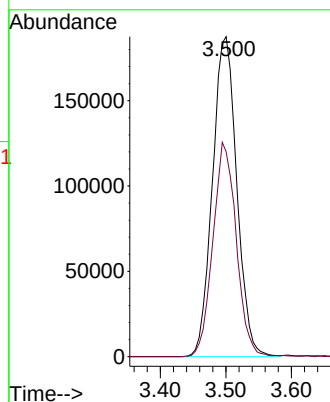
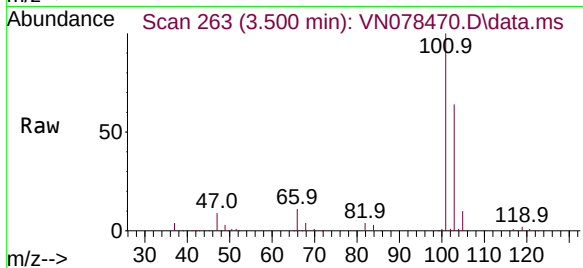




#7
Trichlorofluoromethane
Concen: 54.771 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.001 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

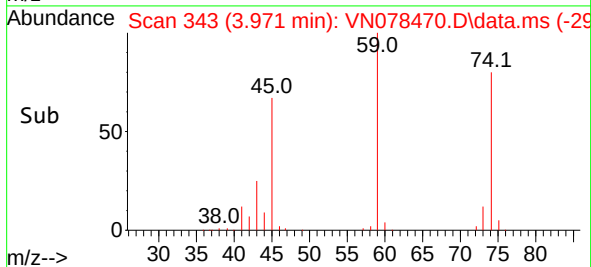
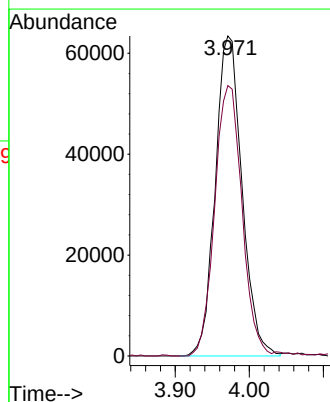
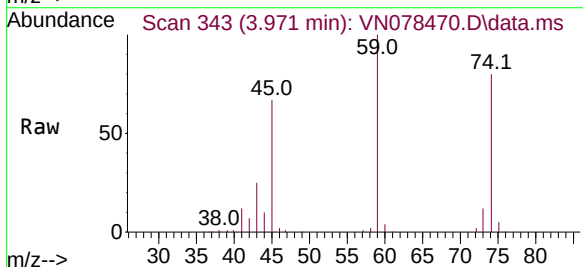
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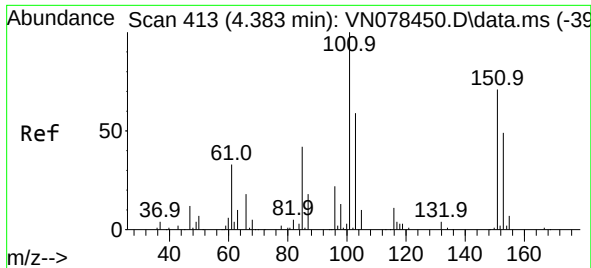
Tgt Ion:101 Resp: 482984
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1



#8
Diethyl Ether
Concen: 54.097 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078470.D
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Tgt Ion: 74 Resp: 158935
Ion Ratio Lower Upper
74 100
45 86.1 34.4 103.3

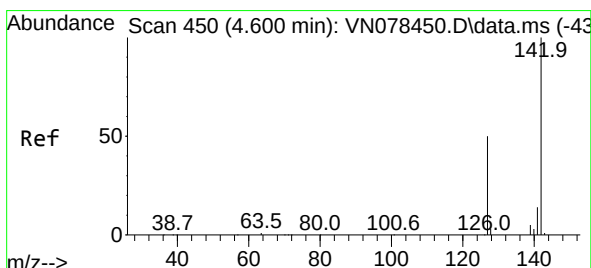
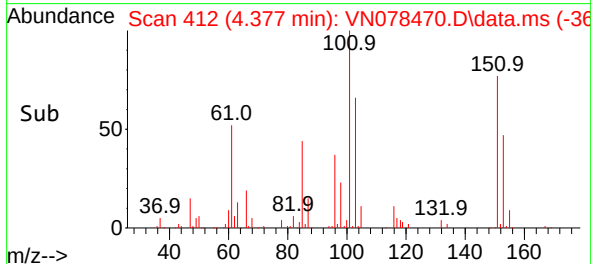
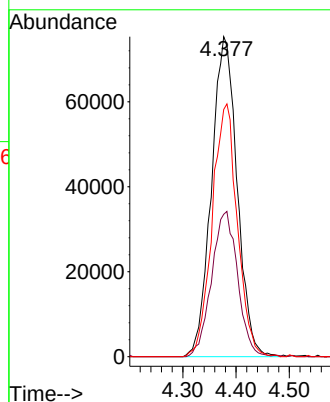
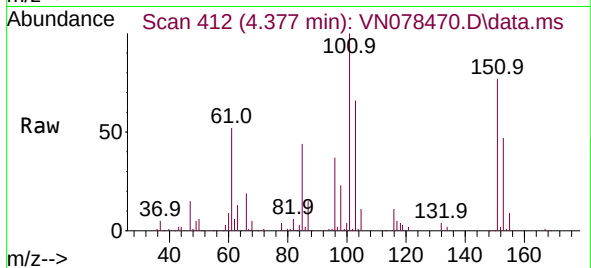




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.026 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

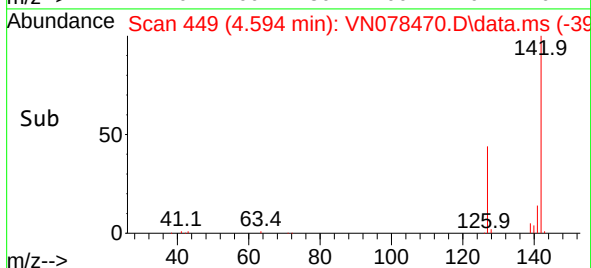
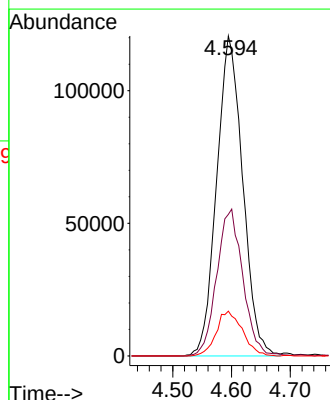
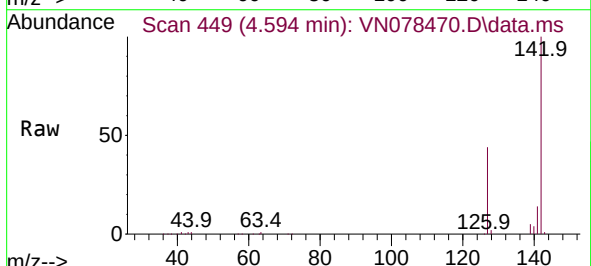
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

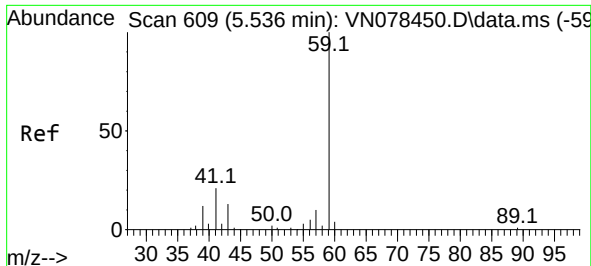
Tgt Ion:101 Resp: 252191
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 77.2 57.6 86.4



#10
Methyl Iodide
Concen: 57.816 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion:142 Resp: 370859
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.0 11.4 17.0

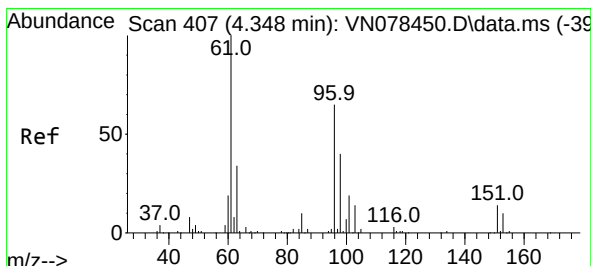
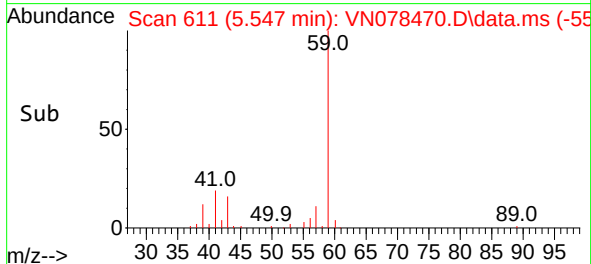
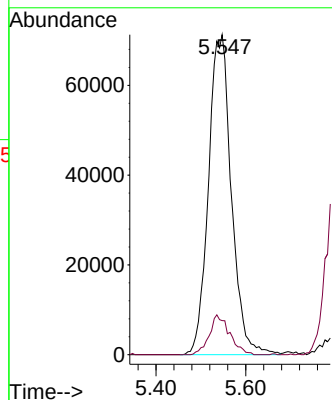
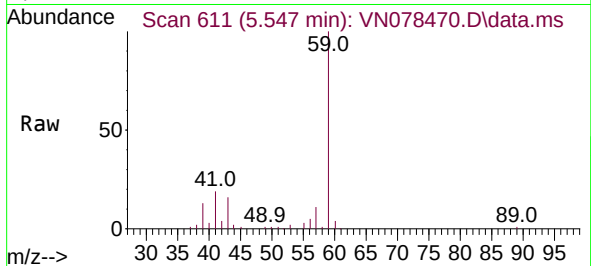




#11
Tert butyl alcohol
Concen: 285.765 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

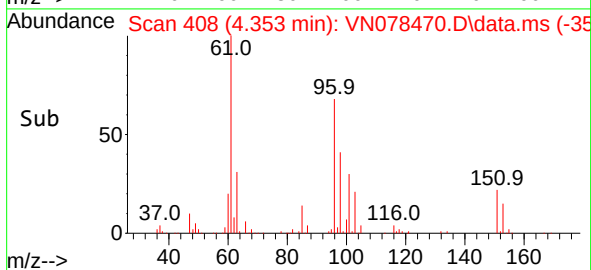
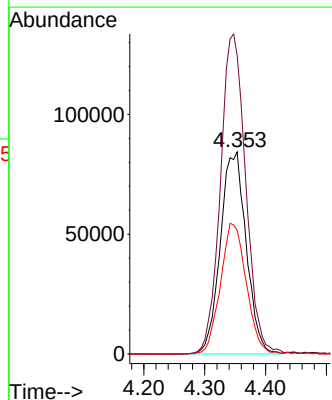
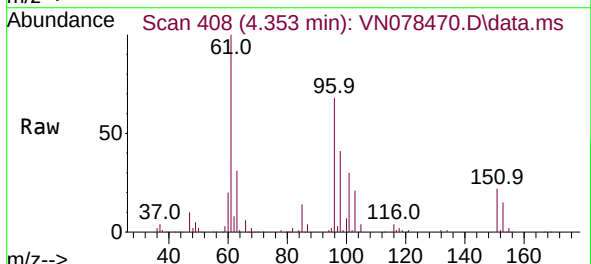
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

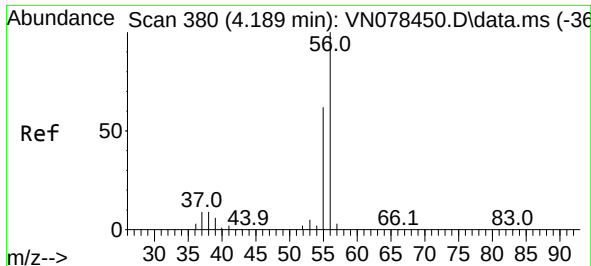
Tgt Ion: 59 Resp: 252796
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 55.158 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 96 Resp: 249057
Ion Ratio Lower Upper
96 100
61 147.7 112.7 169.1
98 61.2 51.2 76.8

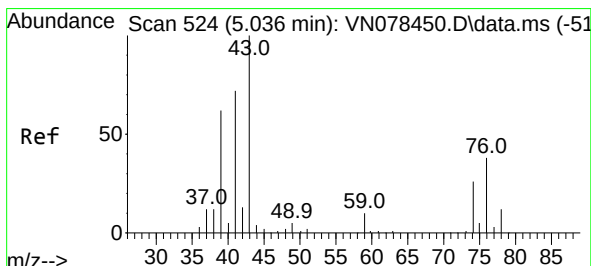
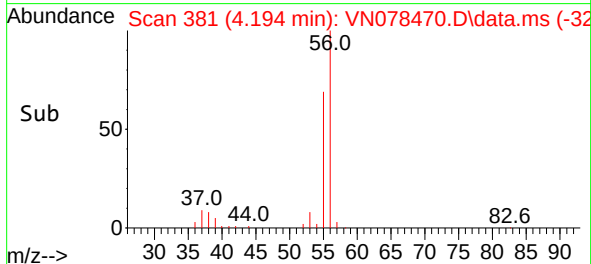
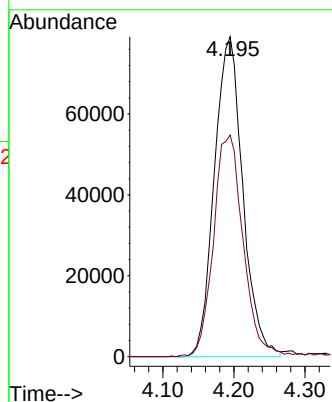
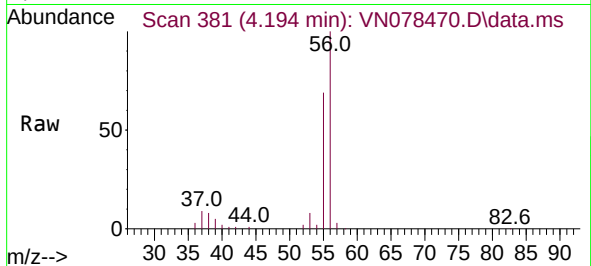




#13
Acrolein
Concen: 252.620 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

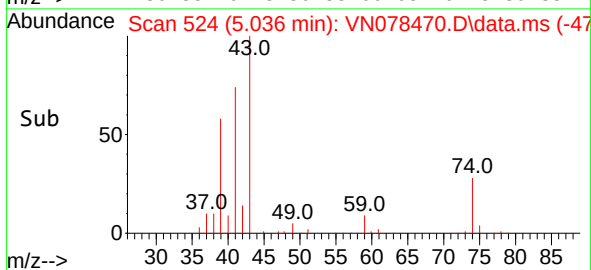
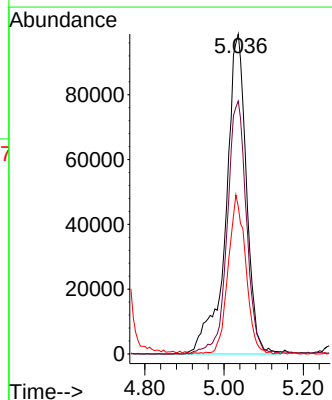
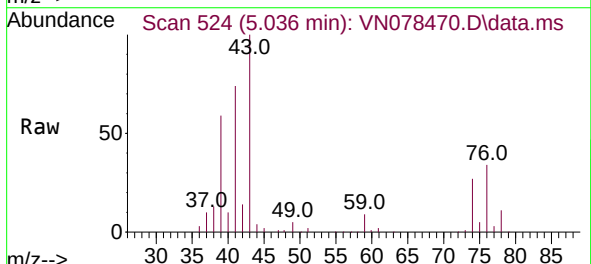
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

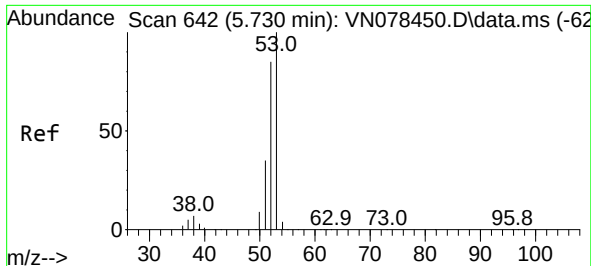
Tgt Ion: 56 Resp: 219869
Ion Ratio Lower Upper
56 100
55 72.3 54.5 81.7



#14
Allyl chloride
Concen: 57.551 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 41 Resp: 355088
Ion Ratio Lower Upper
41 100
39 74.0 58.8 88.2
76 42.6 39.1 58.7

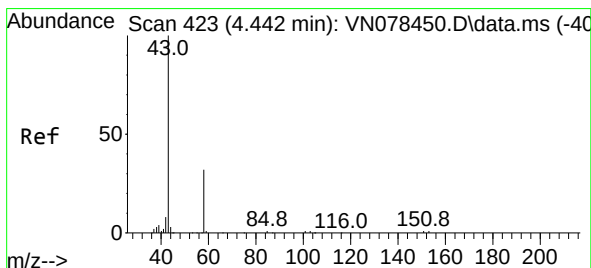
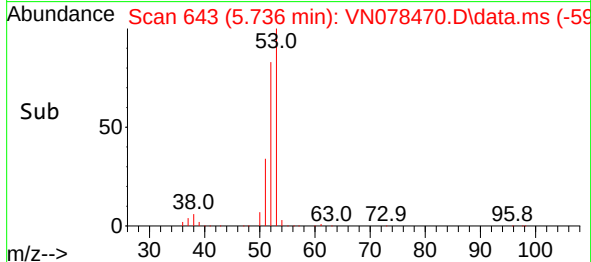
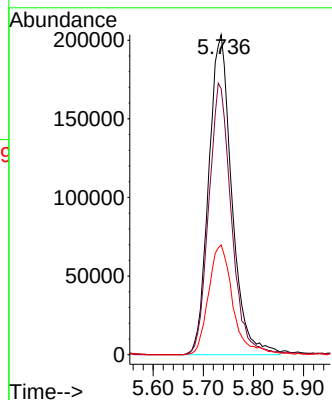
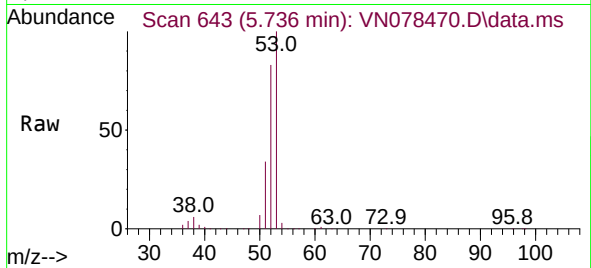




#15
Acrylonitrile
Concen: 292.006 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

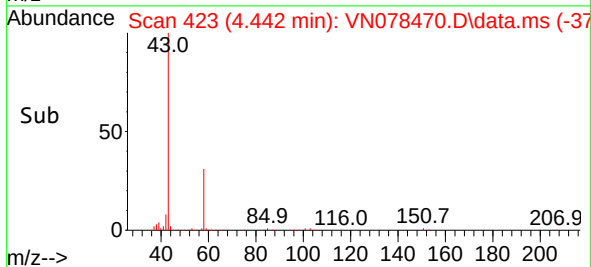
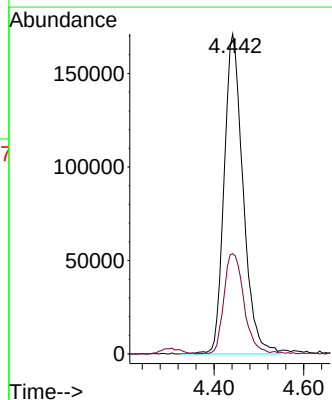
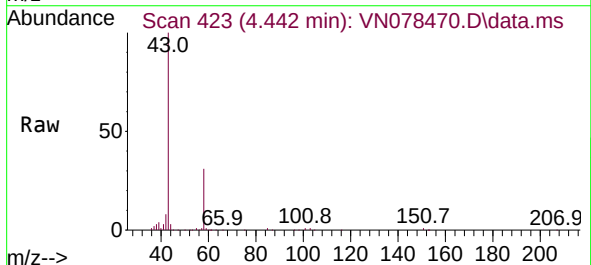
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

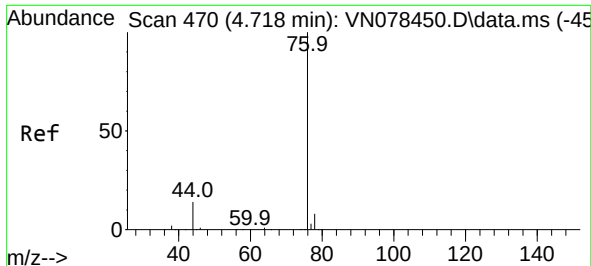
Tgt Ion: 53 Resp: 652667
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 36.2 28.9 43.3



#16
Acetone
Concen: 281.598 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 43 Resp: 503217
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0

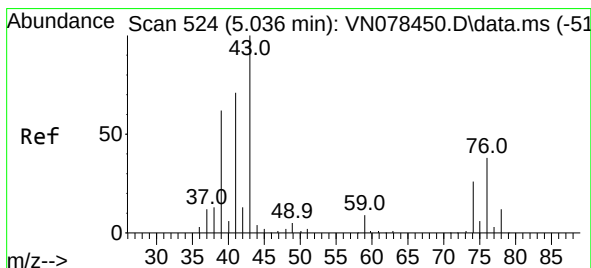
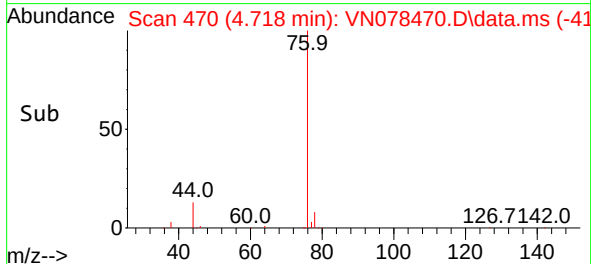
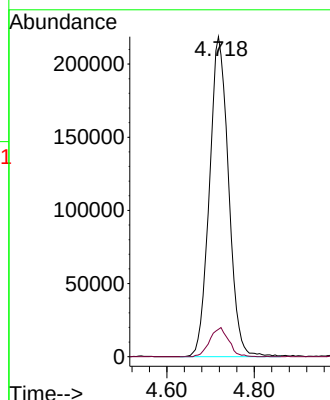
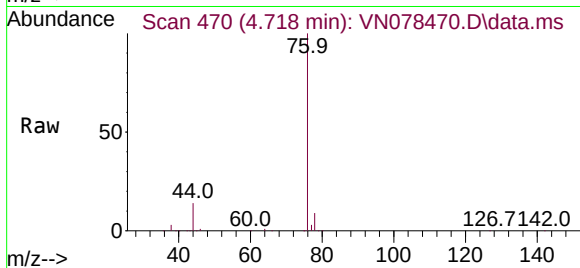




#17
Carbon Disulfide
Concen: 50.871 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

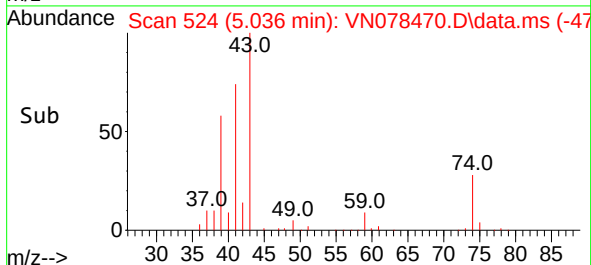
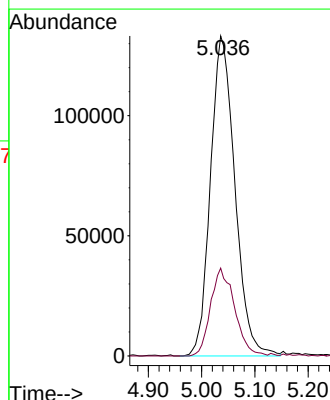
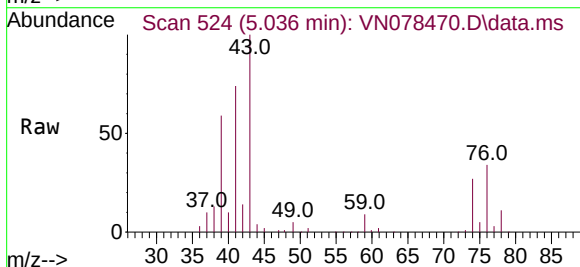
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

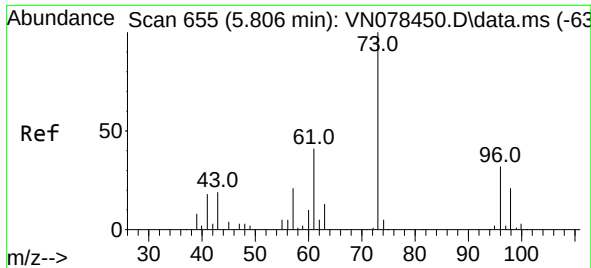
Tgt Ion: 76 Resp: 664216
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 56.117 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 43 Resp: 424514
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4

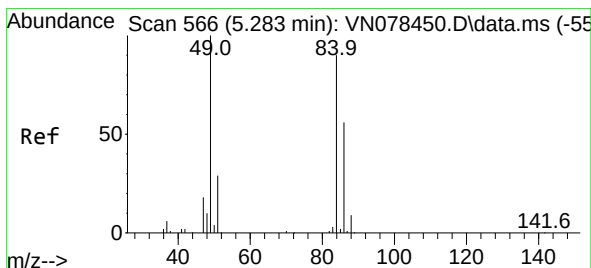
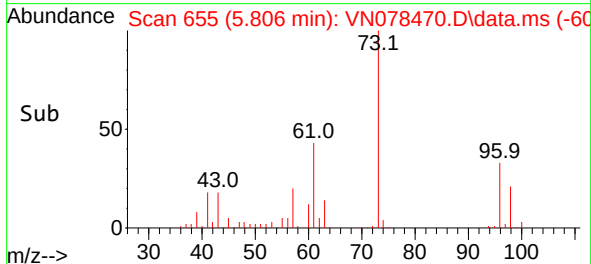
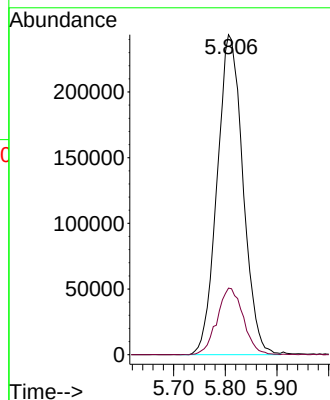
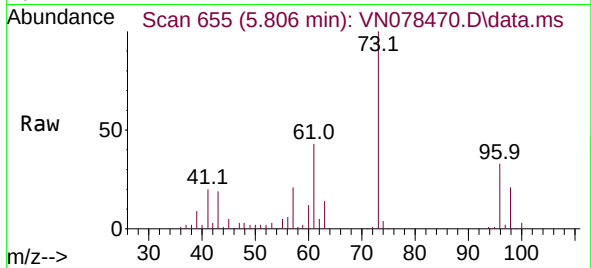




#19
Methyl tert-butyl Ether
Concen: 56.795 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

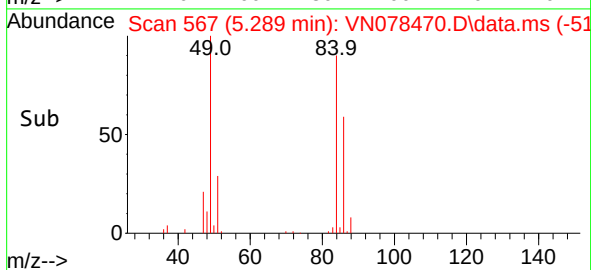
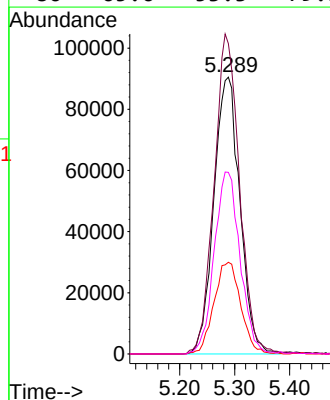
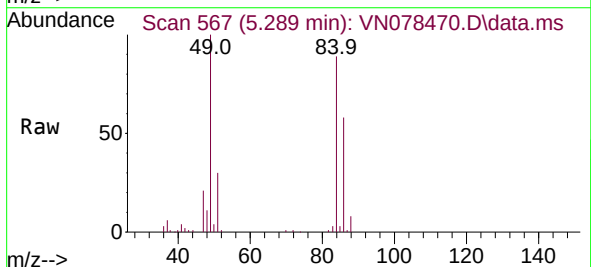
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

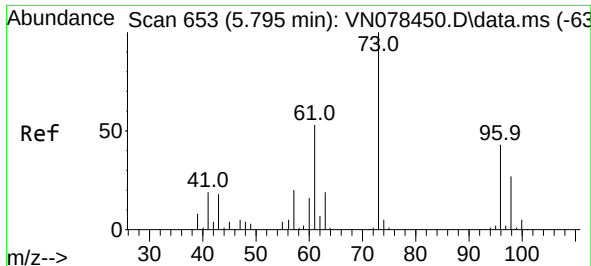
Tgt Ion: 73 Resp: 844962
Ion Ratio Lower Upper
73 100
57 20.8 15.6 23.4



#20
Methylene Chloride
Concen: 58.314 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 84 Resp: 297868
Ion Ratio Lower Upper
84 100
49 112.1 79.7 119.5
51 33.1 25.2 37.8
86 65.6 53.3 79.9

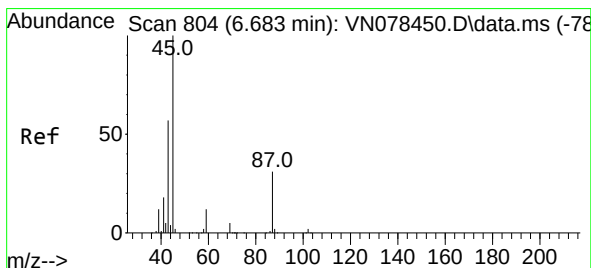
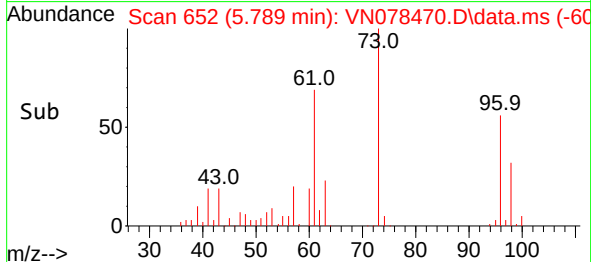
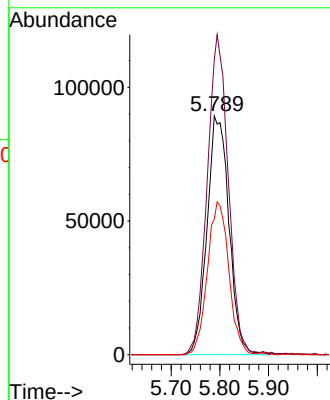
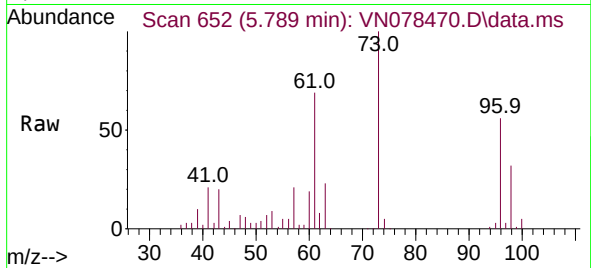




#21
trans-1,2-Dichloroethene
Concen: 54.900 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

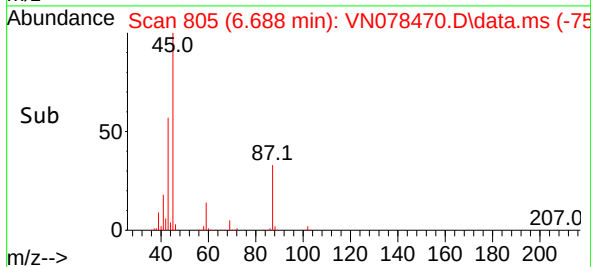
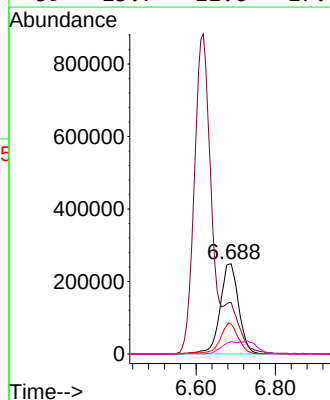
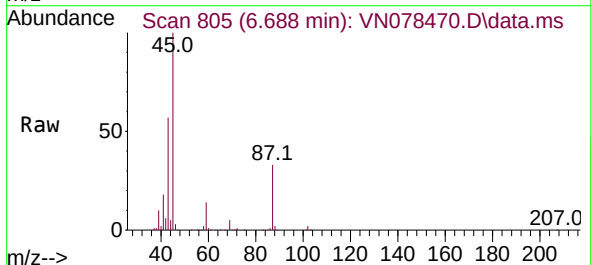
Instrument :
MSVOA_N
ClientSampleId :
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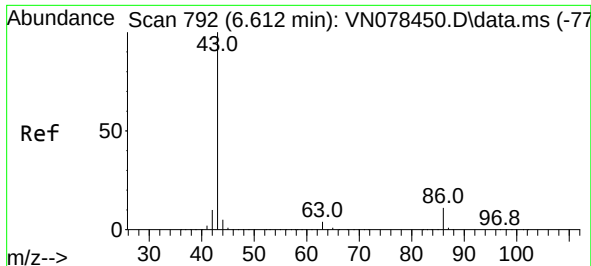
Tgt Ion: 96 Resp: 279349
Ion Ratio Lower Upper
96 100
61 123.5 90.1 135.1
98 56.8 46.4 69.6



#22
Diisopropyl ether
Concen: 58.516 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.005 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 45 Resp: 808428
Ion Ratio Lower Upper
45 100
43 56.2 45.5 68.3
87 32.8 31.8 47.8
59 13.7 11.6 17.4

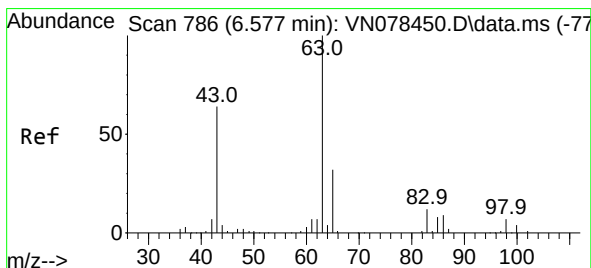
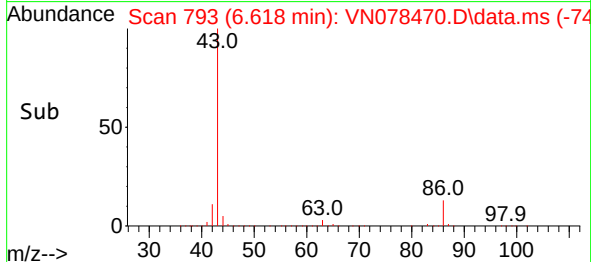
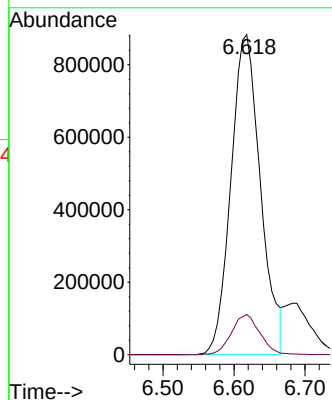
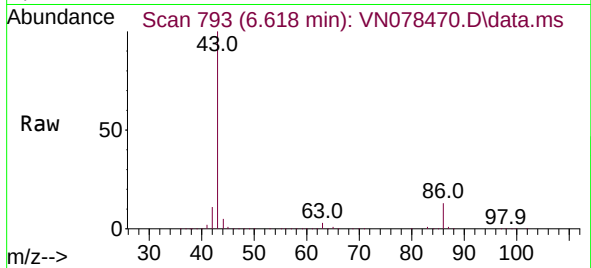




#23
 Vinyl Acetate
 Concen: 291.141 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078470.D
 Acq: 11 Jul 2023 19:04

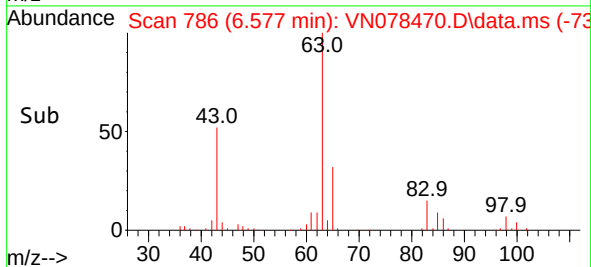
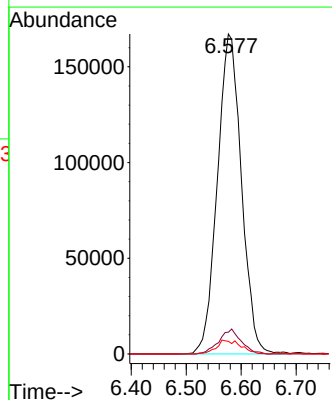
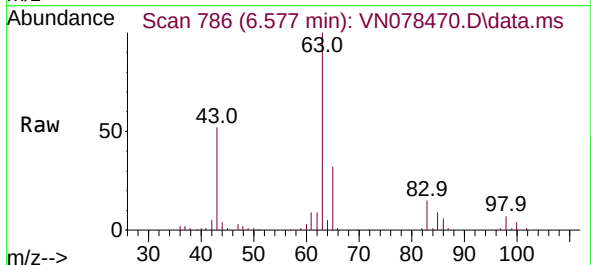
Instrument :
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 VSTDCCC050EC

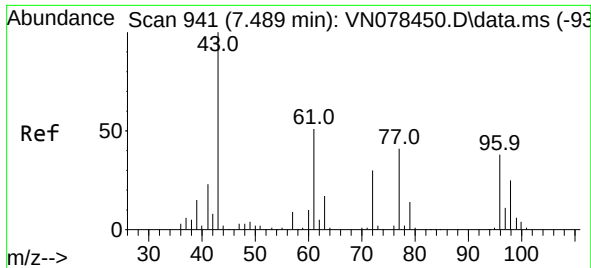
Tgt Ion: 43 Resp: 2557095
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 54.527 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078470.D
 Acq: 11 Jul 2023 19:04

Tgt Ion: 63 Resp: 507607
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 3.9 2.5 7.4

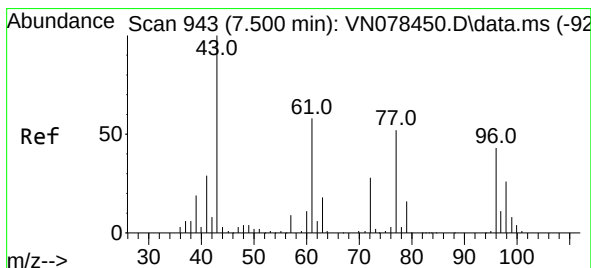
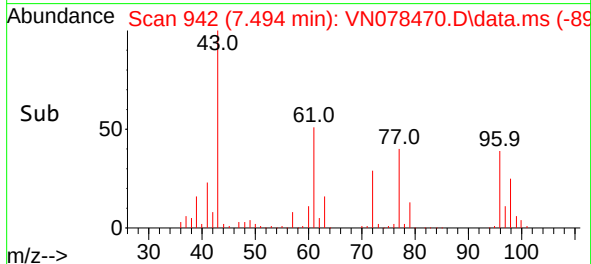
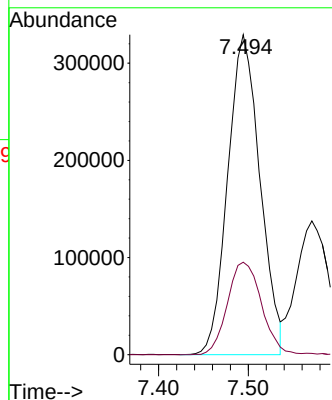
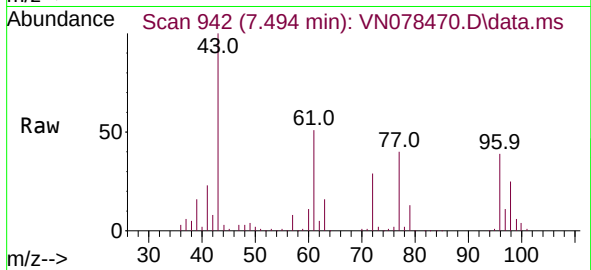




#25
2-Butanone
Concen: 292.441 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

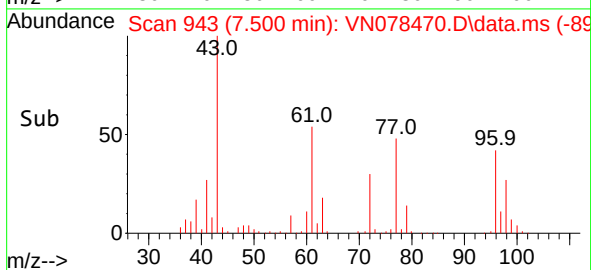
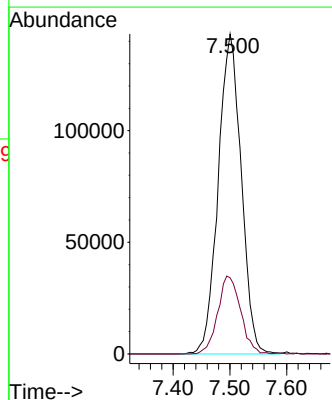
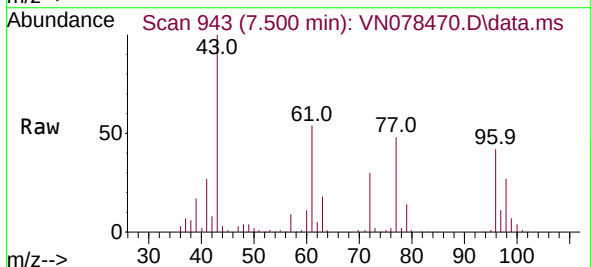
Instrument :
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ClientSampleId :
VSTDCCC050EC

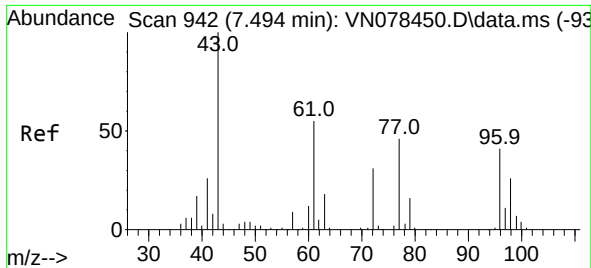
Tgt Ion: 43 Resp: 822634
Ion Ratio Lower Upper
43 100
72 28.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 52.919 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 77 Resp: 402925
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6



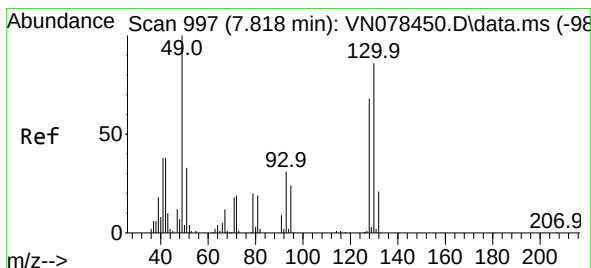
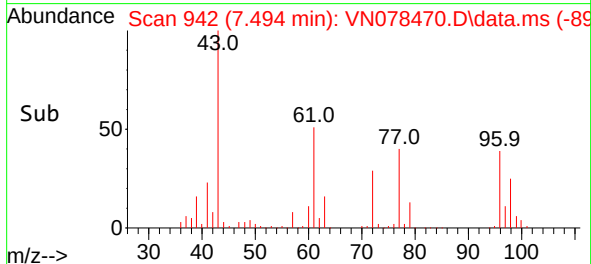
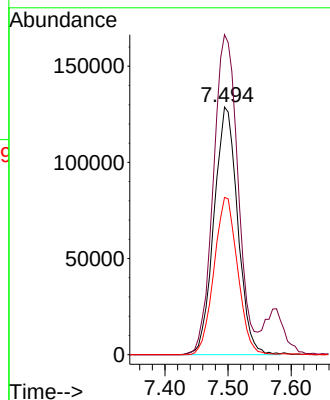
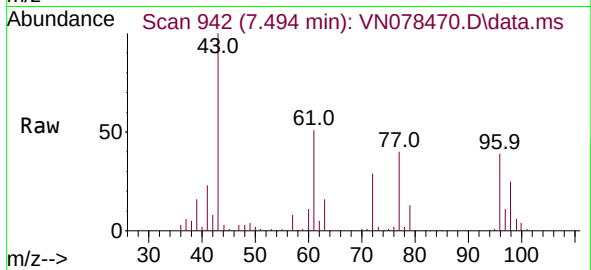


#27
 cis-1,2-Dichloroethene
 Concen: 57.181 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078470.D
 Acq: 11 Jul 2023 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 336581

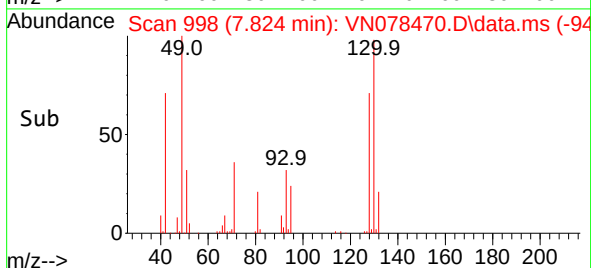
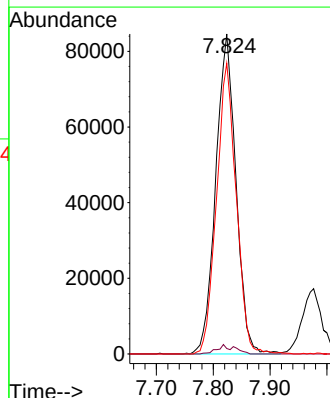
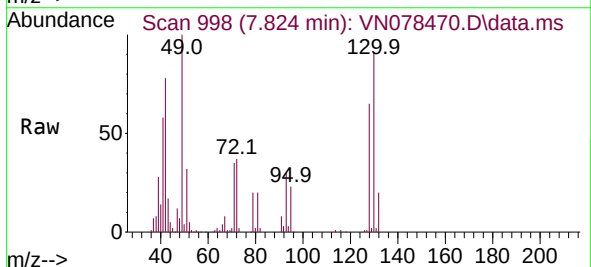
Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	255.2
98	63.1	0.0	128.8

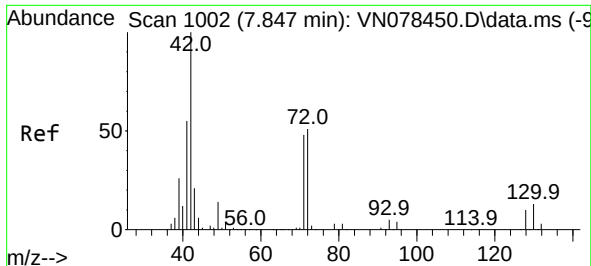


#28
 Bromochloromethane
 Concen: 47.652 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078470.D
 Acq: 11 Jul 2023 19:04

Tgt Ion: 49 Resp: 208941

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.8
130	88.6	75.3	112.9





#29

Tetrahydrofuran

Concen: 293.397 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

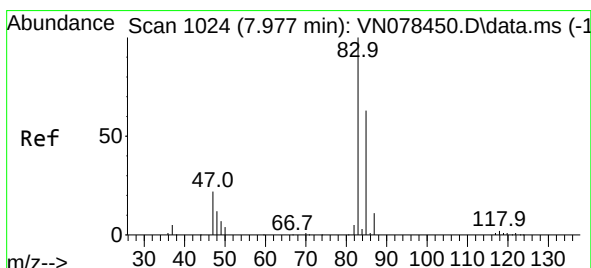
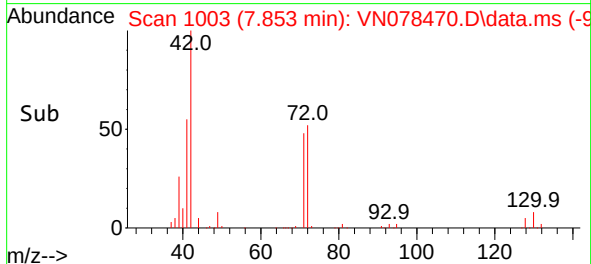
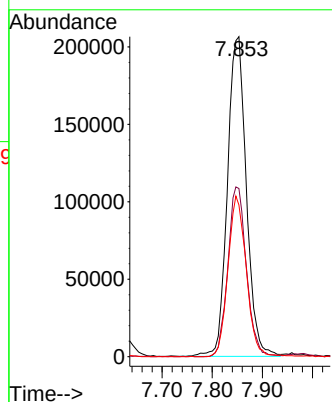
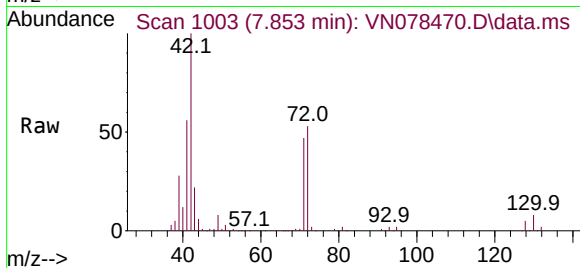
Tgt Ion: 42 Resp: 541549

Ion Ratio Lower Upper

42 100

72 52.1 49.8 74.6

71 48.7 47.4 71.2



#30

Chloroform

Concen: 57.876 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078470.D

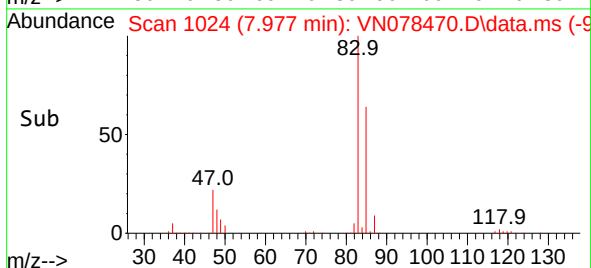
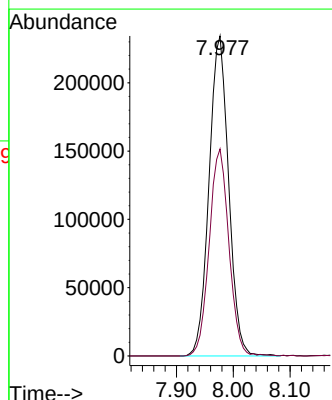
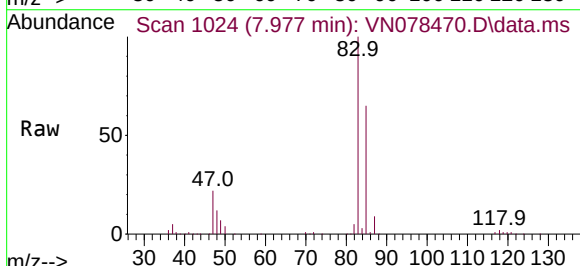
Acq: 11 Jul 2023 19:04

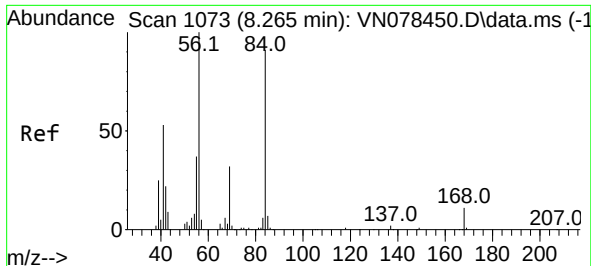
Tgt Ion: 83 Resp: 560934

Ion Ratio Lower Upper

83 100

85 64.7 55.4 83.0

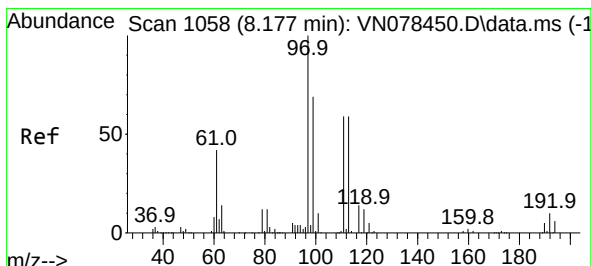
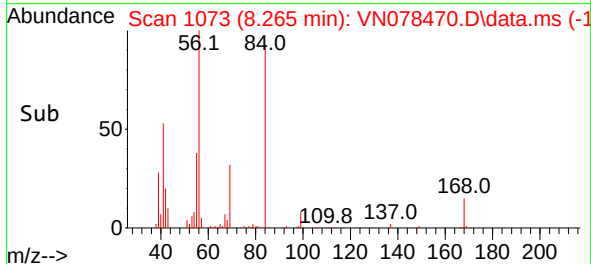
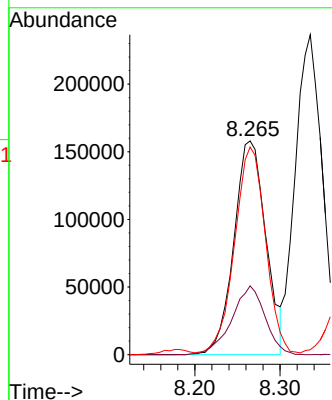
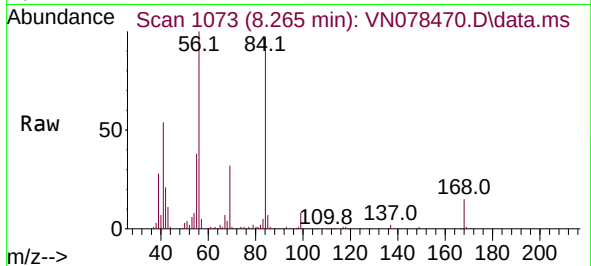




#31
Cyclohexane
Concen: 53.146 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

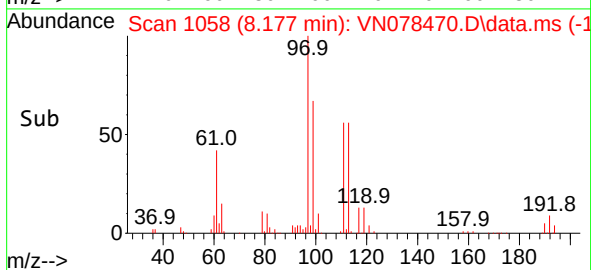
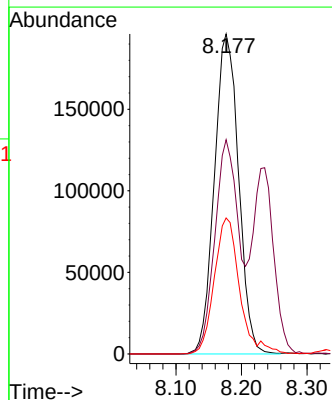
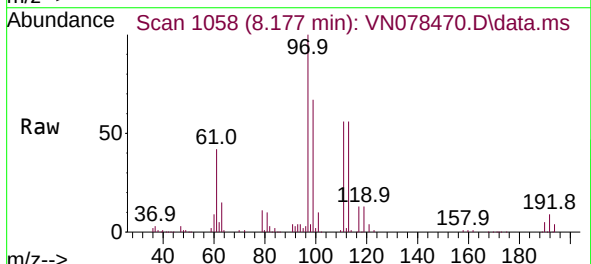
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

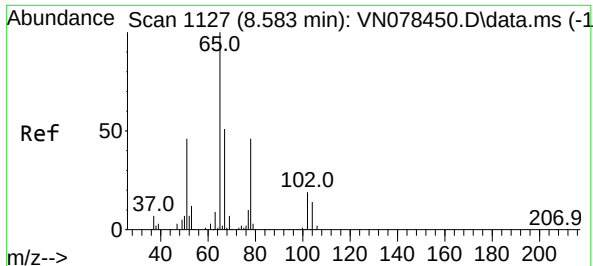
Tgt Ion: 56 Resp: 412042
Ion Ratio Lower Upper
56 100
69 32.1 26.8 40.2
84 94.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 57.759 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 97 Resp: 501894
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 44.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.228 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

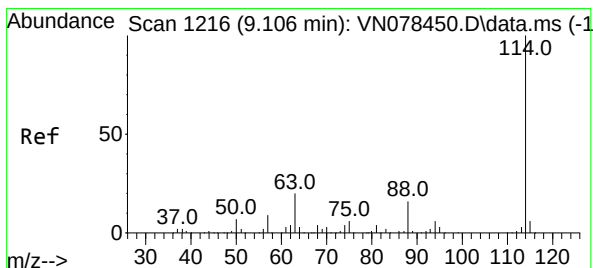
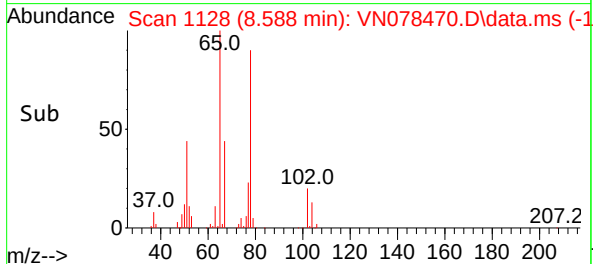
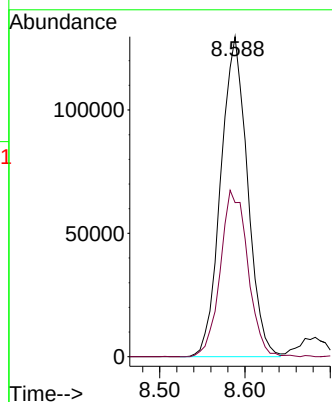
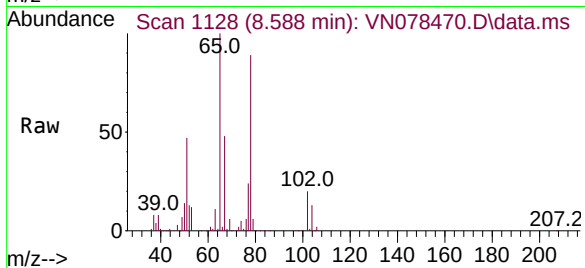
VSTDCCC050EC

Tgt Ion: 65 Resp: 282411

Ion Ratio Lower Upper

65 100

67 53.5 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: VN078470.D

Acq: 11 Jul 2023 19:04

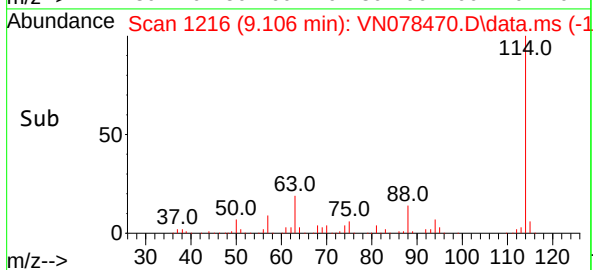
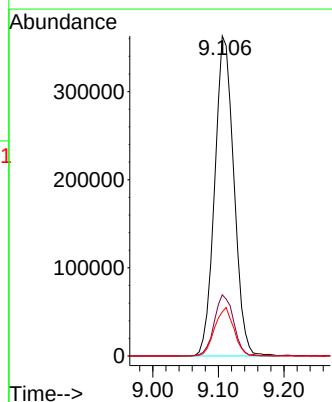
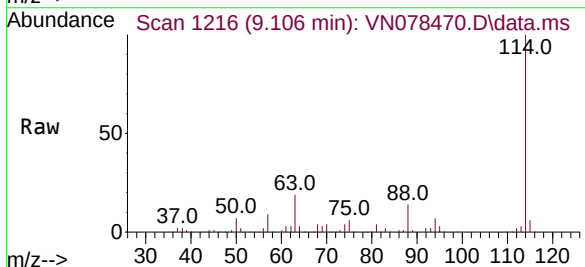
Tgt Ion: 114 Resp: 736038

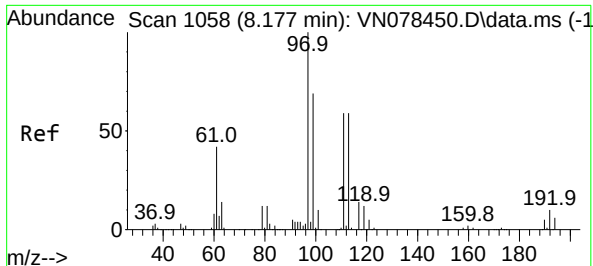
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 13.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.688 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

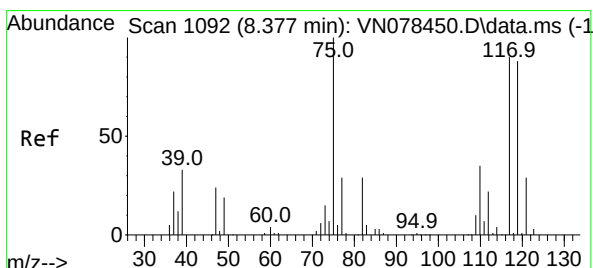
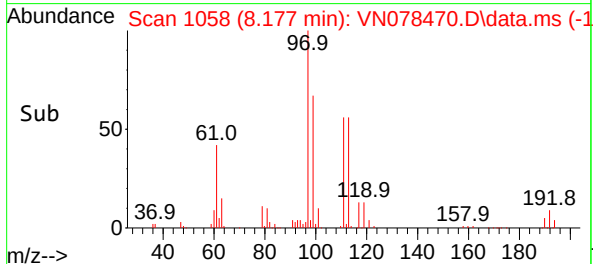
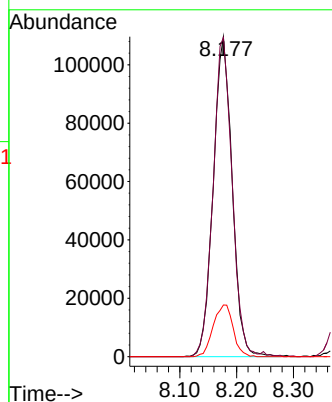
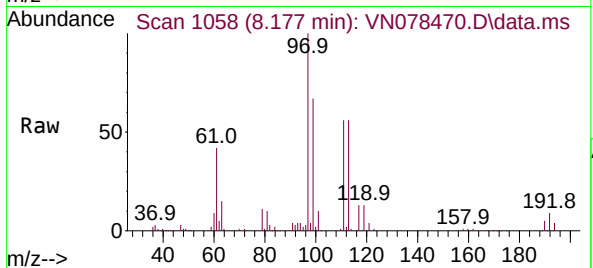
Tgt Ion:113 Resp: 253259

Ion Ratio Lower Upper

113 100

111 100.2 82.6 123.8

192 17.1 12.7 19.1



#36

1,1-Dichloropropene

Concen: 56.897 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

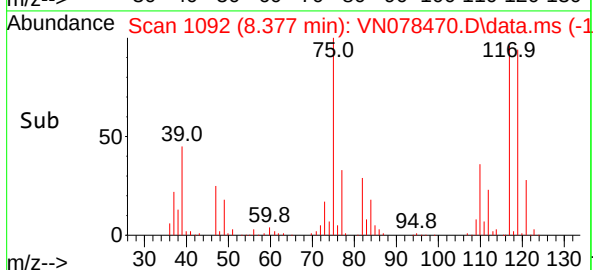
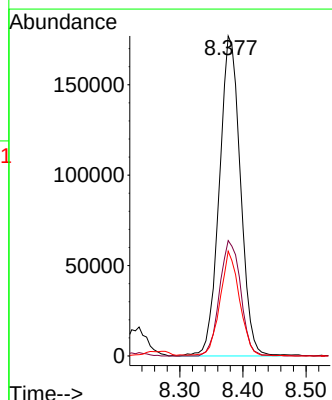
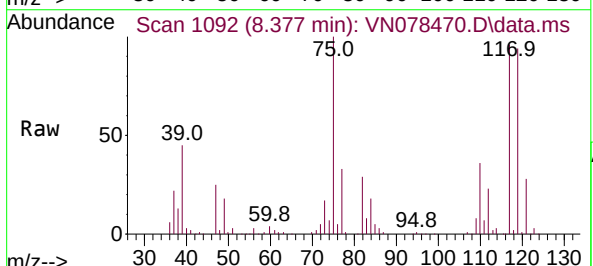
Tgt Ion: 75 Resp: 410482

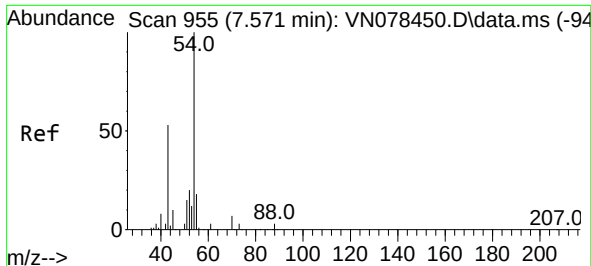
Ion Ratio Lower Upper

75 100

110 36.2 19.1 57.3

77 30.3 25.0 37.4

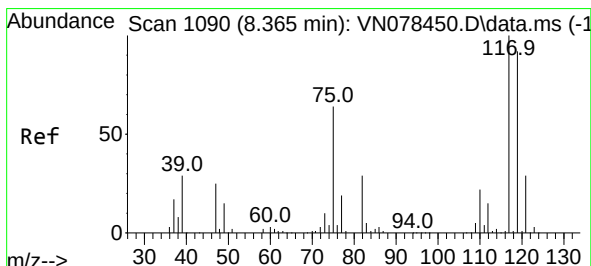
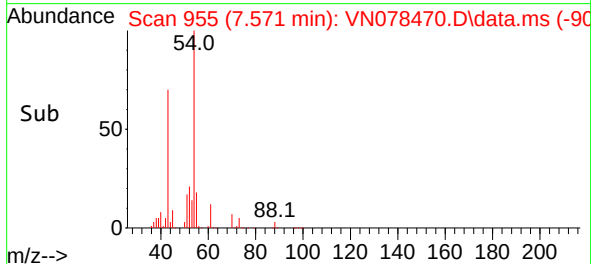
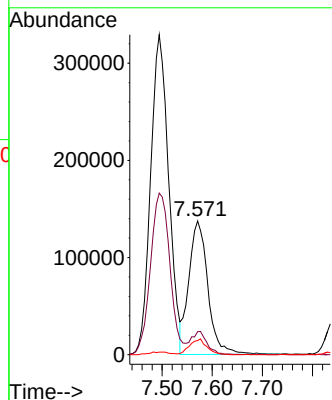
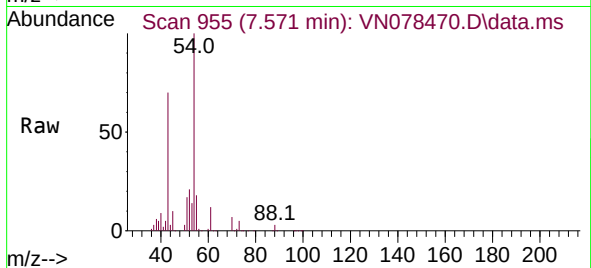




#37
Ethyl Acetate
Concen: 60.516 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

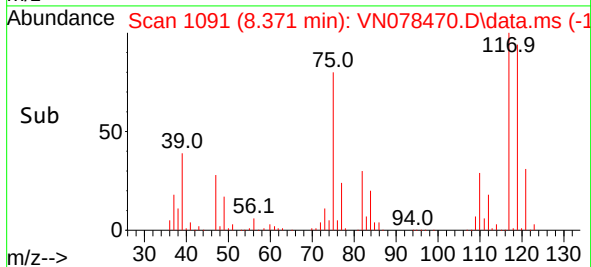
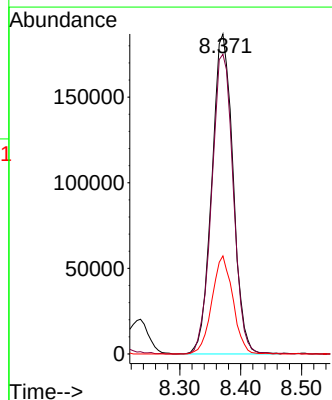
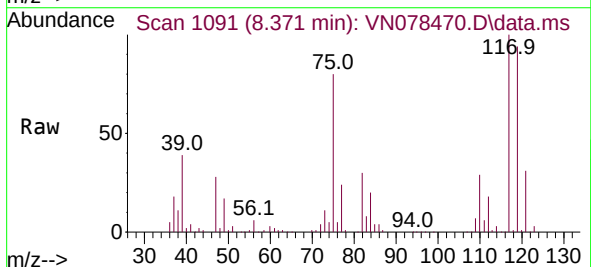
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

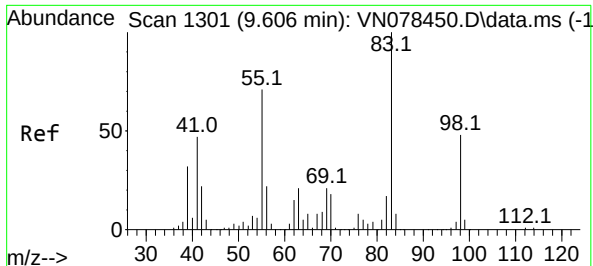
Tgt Ion: 43 Resp: 363949
Ion Ratio Lower Upper
43 100
61 14.3 13.2 19.8
70 10.6 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 57.670 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 117 Resp: 452191
Ion Ratio Lower Upper
117 100
119 93.5 77.3 115.9
121 30.6 23.3 34.9





#39

Methylcyclohexane

Concen: 57.478 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

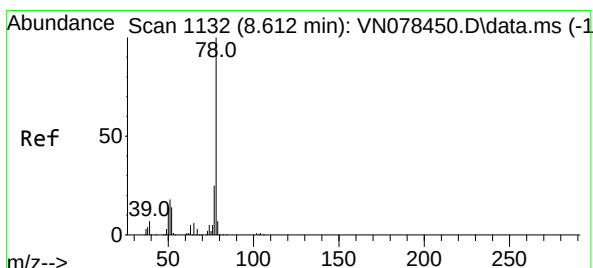
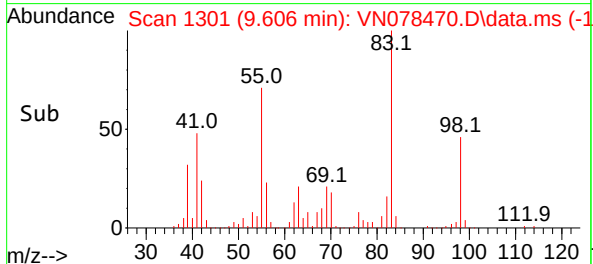
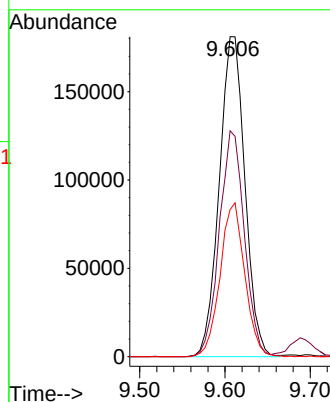
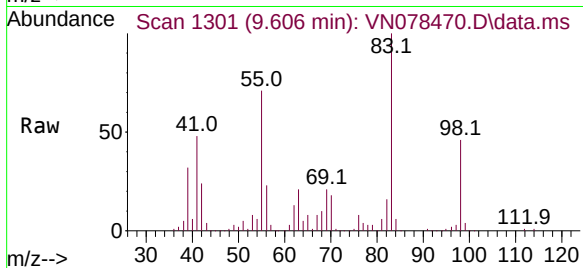
Tgt Ion: 83 Resp: 378508

Ion Ratio Lower Upper

83 100

55 70.6 49.1 73.7

98 46.0 40.6 61.0



#40

Benzene

Concen: 57.460 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078470.D

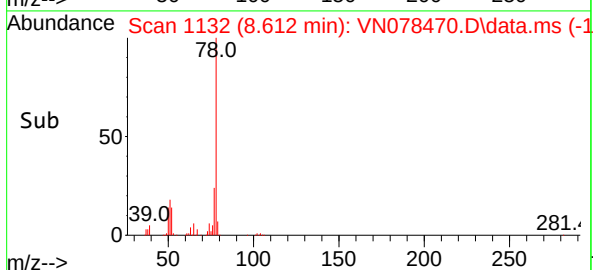
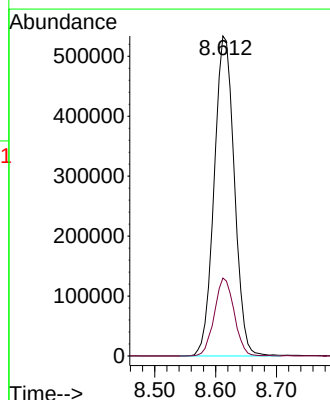
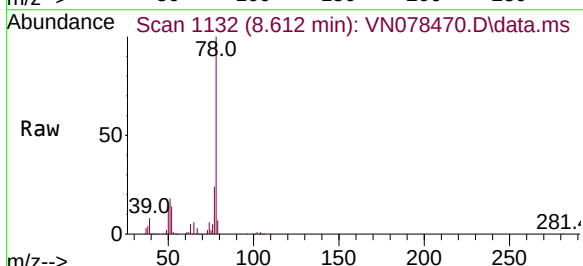
Acq: 11 Jul 2023 19:04

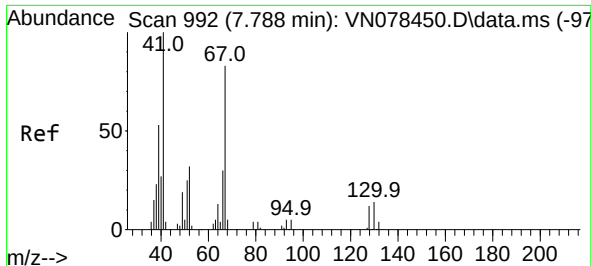
Tgt Ion: 78 Resp: 1228119

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6

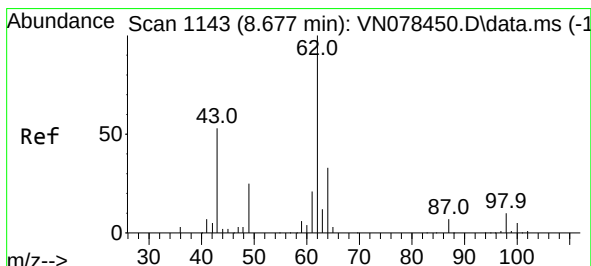
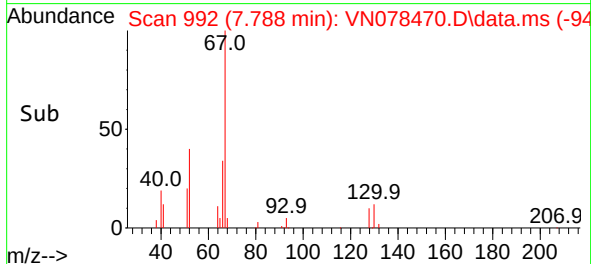
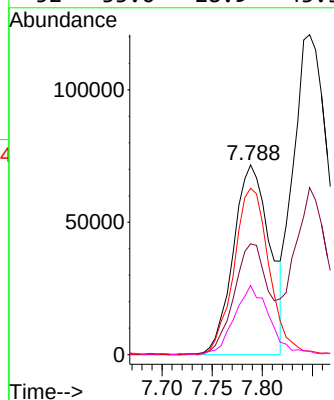
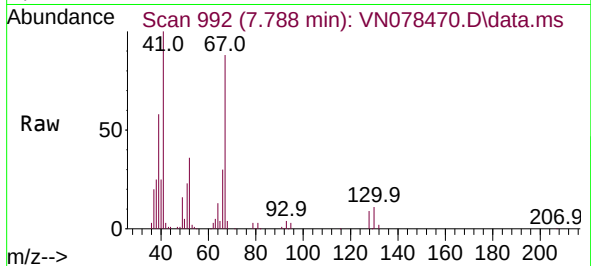




#41
Methacrylonitrile
Concen: 59.697 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

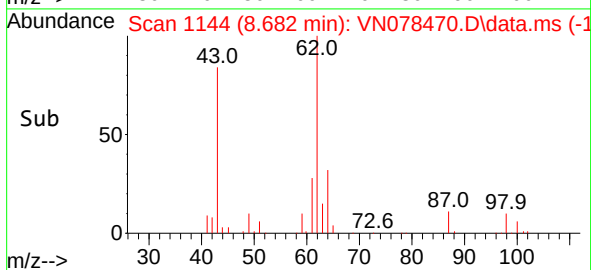
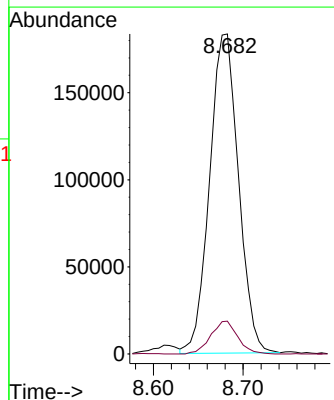
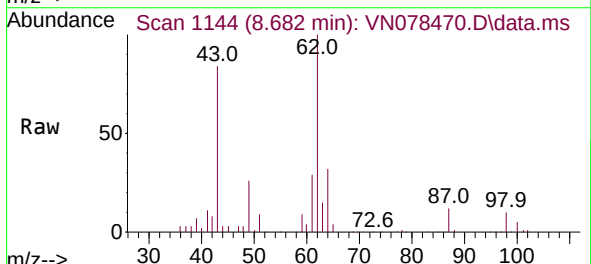
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

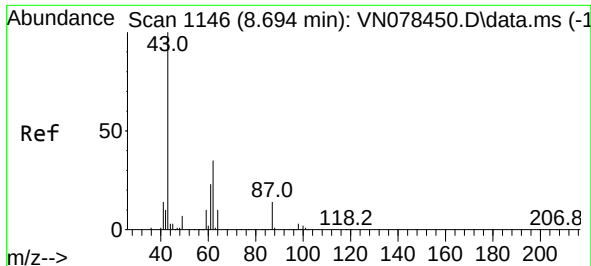
Tgt Ion:	41	Resp:	183025
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.6	64.0
67	84.5	77.5	116.3
52	33.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 56.460 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion:	62	Resp:	410456
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8

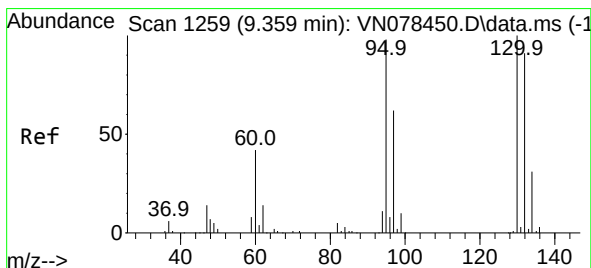
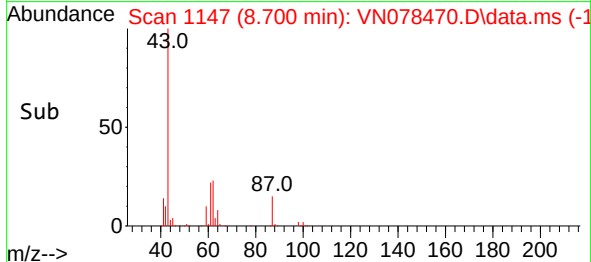
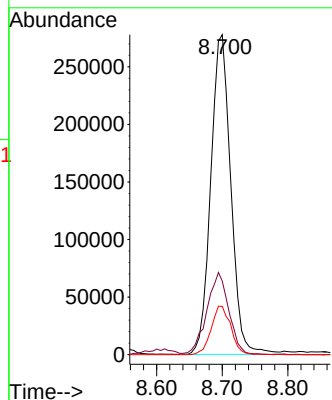
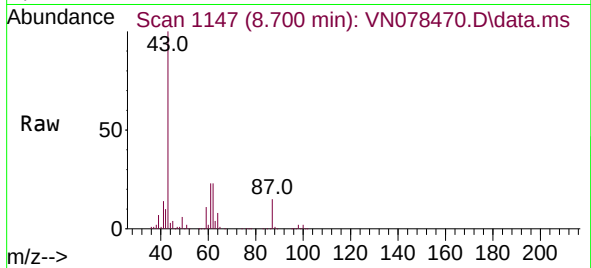




#43
Isopropyl Acetate
Concen: 59.606 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

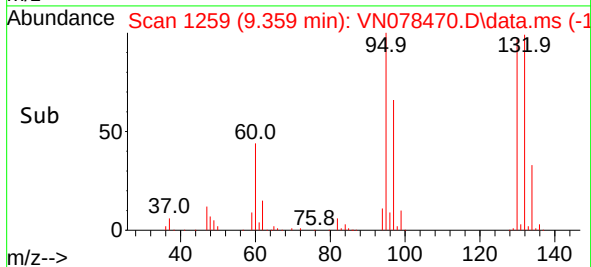
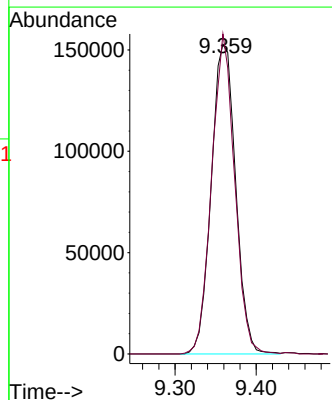
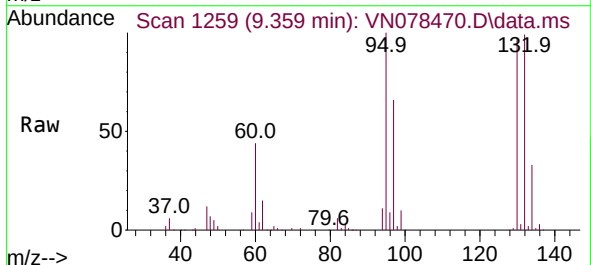
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

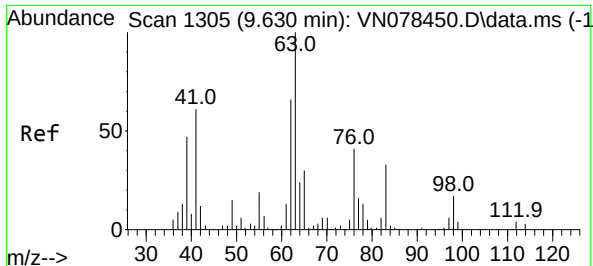
Tgt Ion: 43 Resp: 590184
Ion Ratio Lower Upper
43 100
61 28.1 24.7 37.1
87 14.9 14.6 21.8



#44
Trichloroethene
Concen: 55.373 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 130 Resp: 318979
Ion Ratio Lower Upper
130 100
95 103.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 56.923 ug/l

RT: 9.629 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

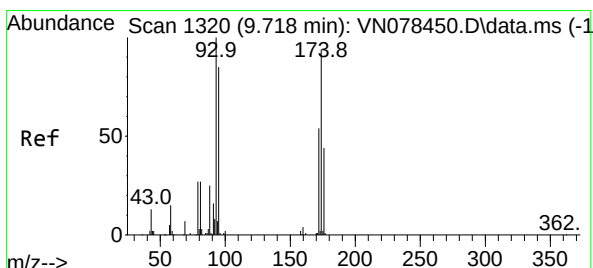
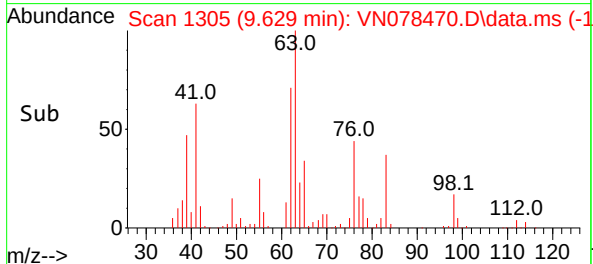
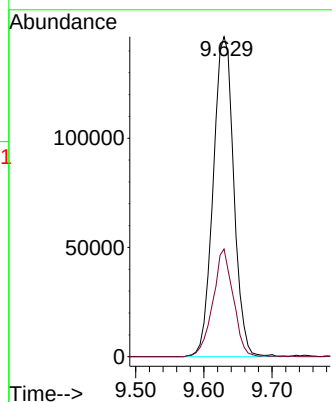
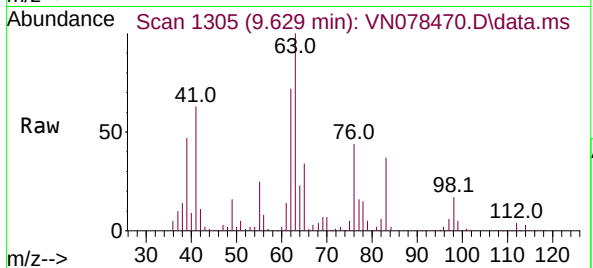
VSTDCCC050EC

Tgt Ion: 63 Resp: 308143

Ion Ratio Lower Upper

63 100

65 33.7 23.9 35.9



#46

Dibromomethane

Concen: 58.570 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

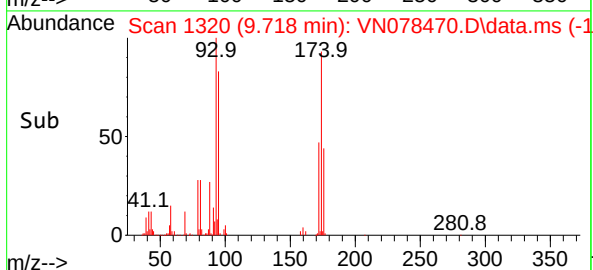
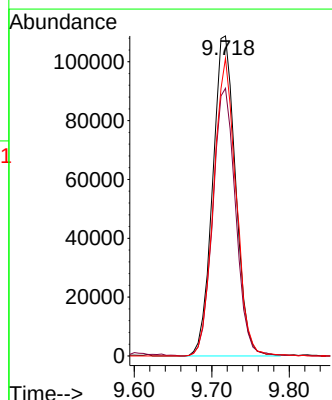
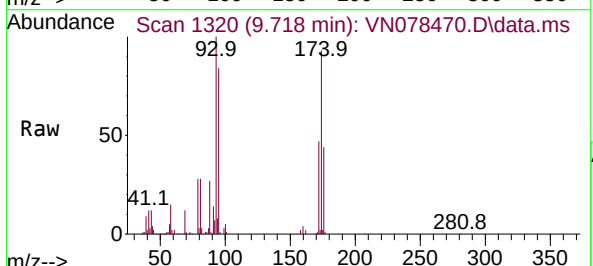
Tgt Ion: 93 Resp: 223154

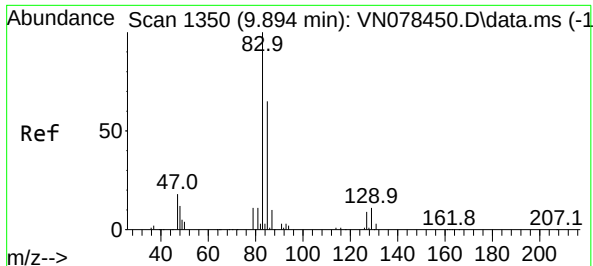
Ion Ratio Lower Upper

93 100

95 83.6 63.8 95.8

174 91.0 65.6 98.4

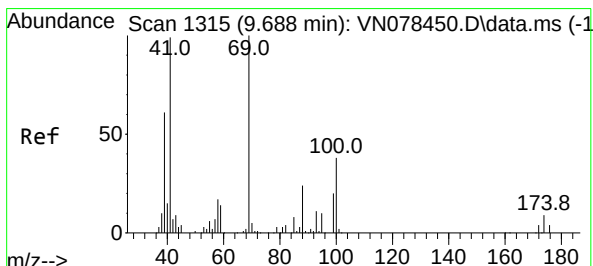
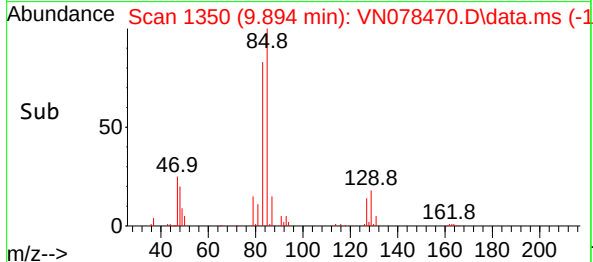
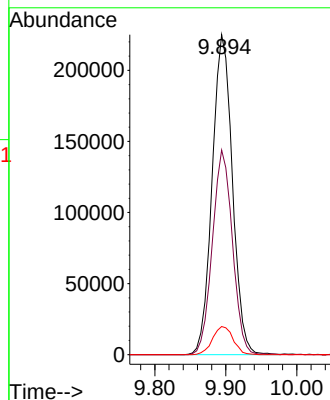
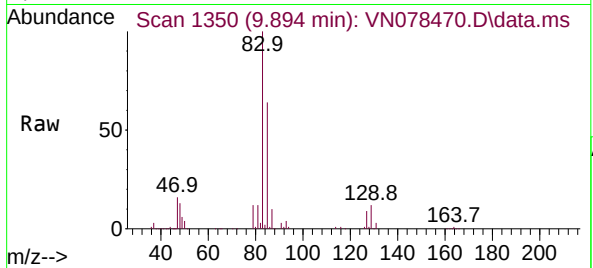




#47
Bromodichloromethane
Concen: 58.295 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

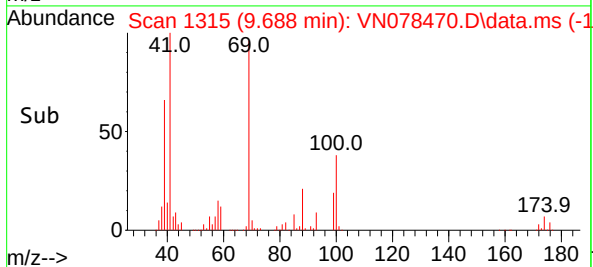
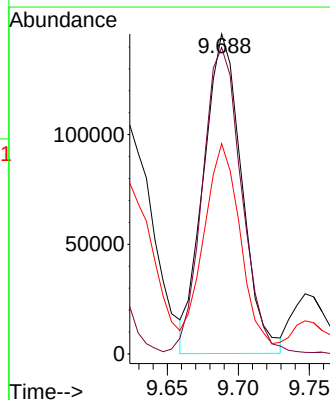
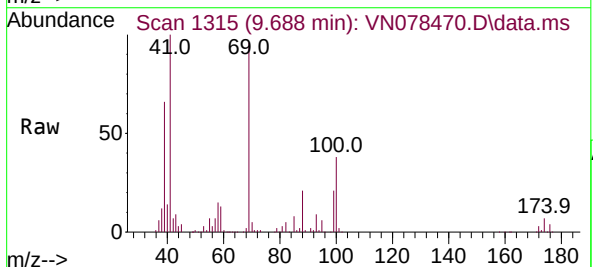
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

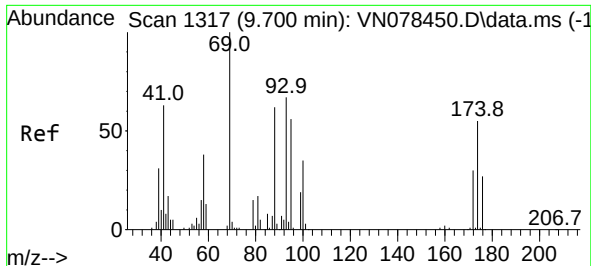
Tgt Ion: 83 Resp: 445230
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 59.415 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 41 Resp: 272549
Ion Ratio Lower Upper
41 100
69 98.9 90.4 135.6
39 64.0 54.6 81.8





#49

1,4-Dioxane

Concen: 1211.291 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

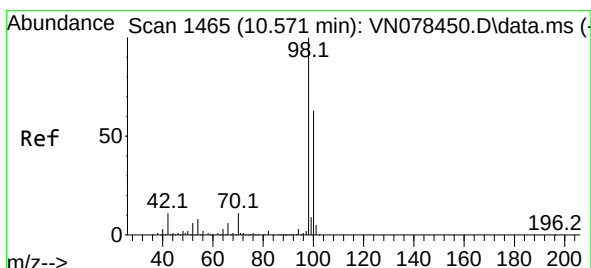
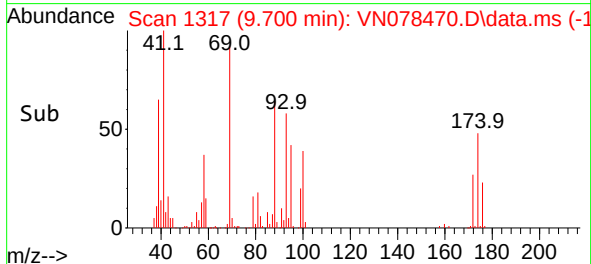
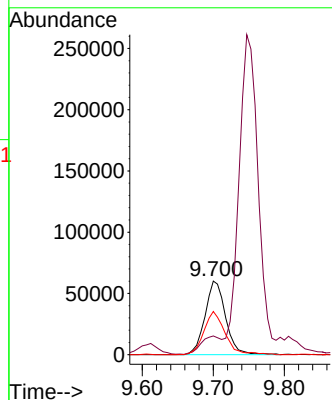
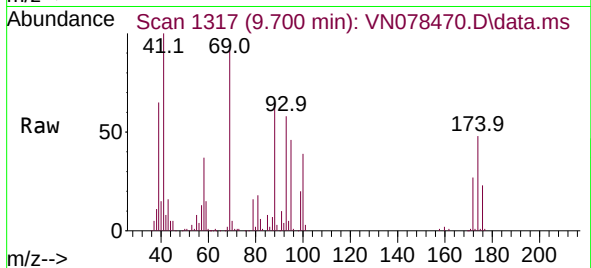
Tgt Ion: 88 Resp: 121176

Ion Ratio Lower Upper

88 100

43 24.2 17.0 25.6

58 60.6 47.0 70.4



#50

Toluene-d8

Concen: 49.064 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078470.D

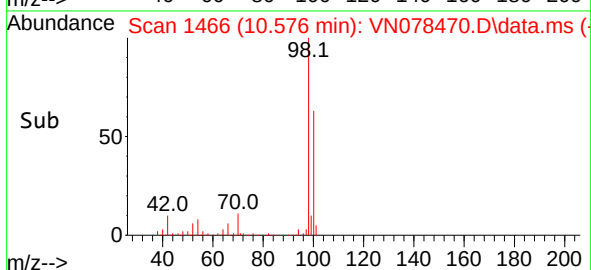
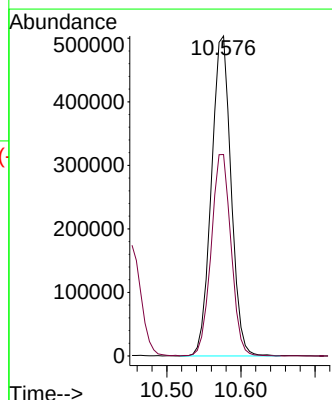
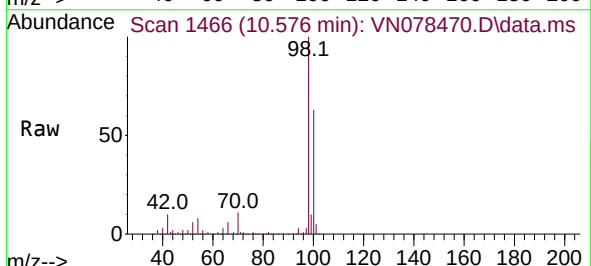
Acq: 11 Jul 2023 19:04

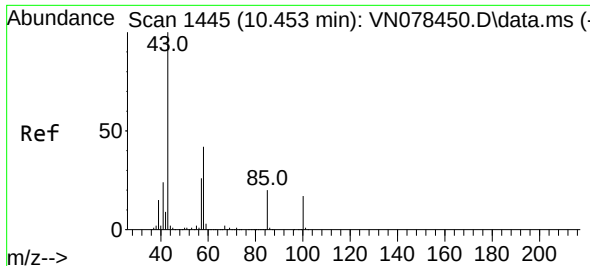
Tgt Ion: 98 Resp: 926081

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

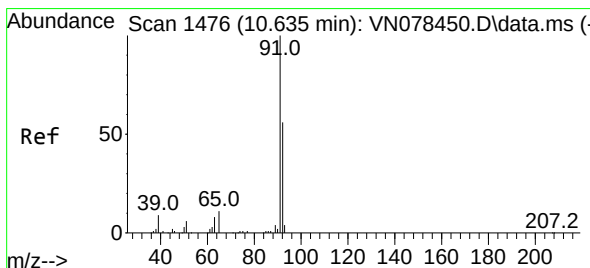
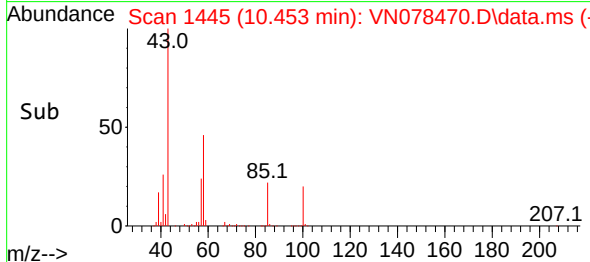
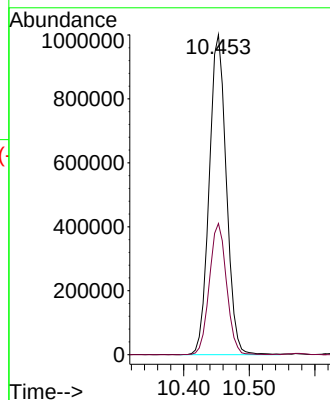
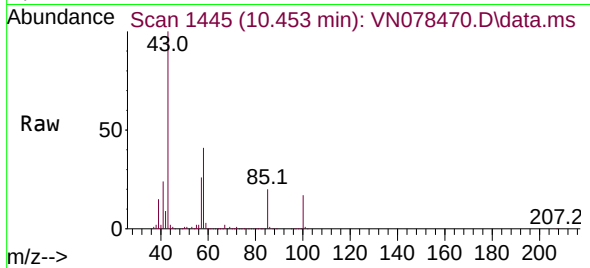




#51
4-Methyl-2-Pentanone
Concen: 308.255 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

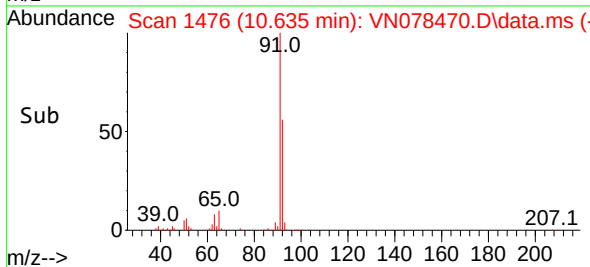
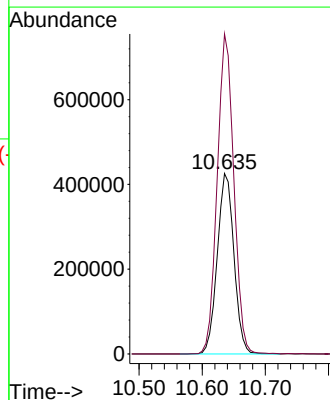
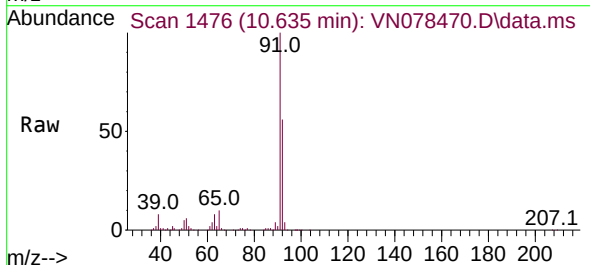
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

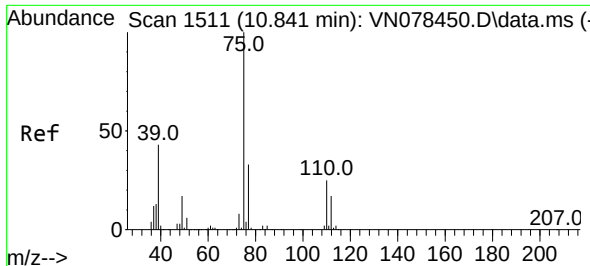
Tgt Ion: 43 Resp: 1815462
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8



#52
Toluene
Concen: 59.060 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 92 Resp: 782355
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0

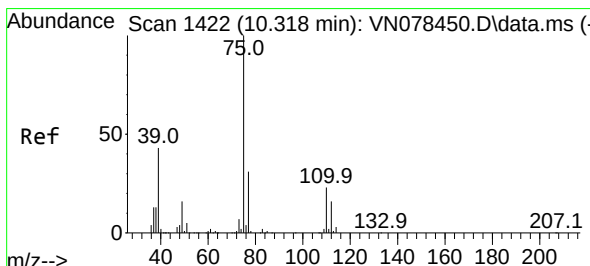
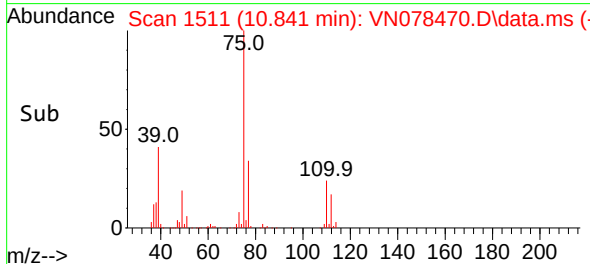
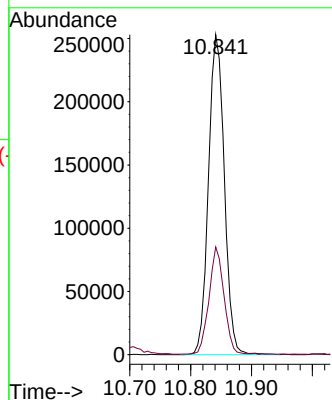
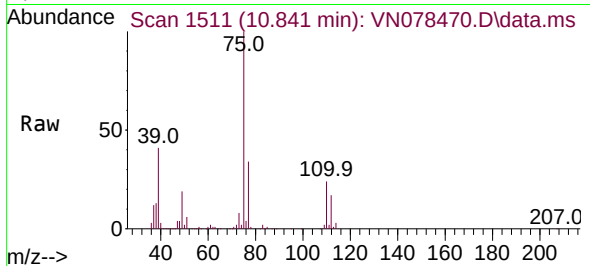




#53
t-1,3-Dichloropropene
Concen: 58.402 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

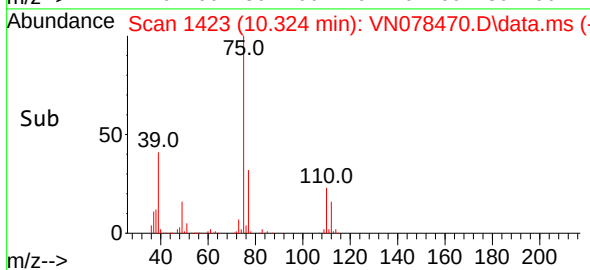
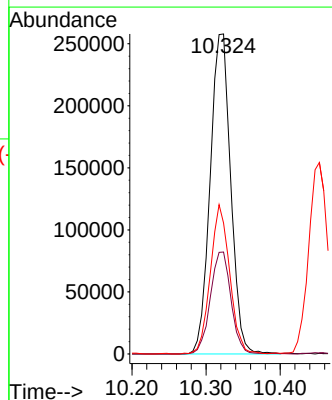
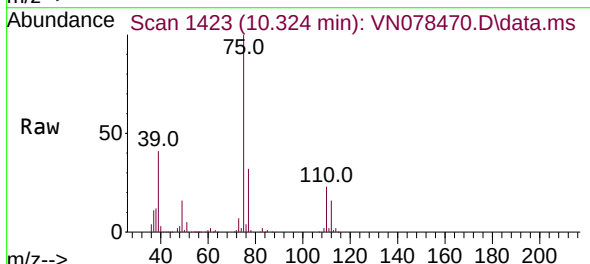
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

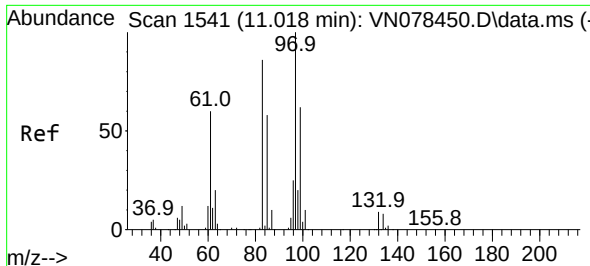
Tgt Ion: 75 Resp: 456955
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 59.626 ug/l
RT: 10.324 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 75 Resp: 497297
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 40.9 31.6 47.4

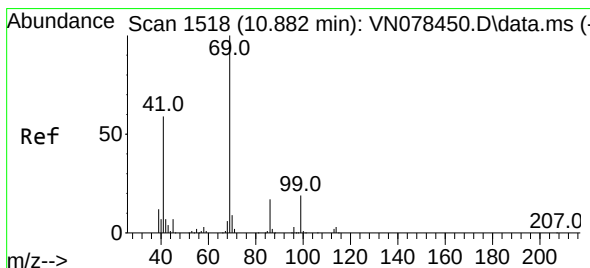
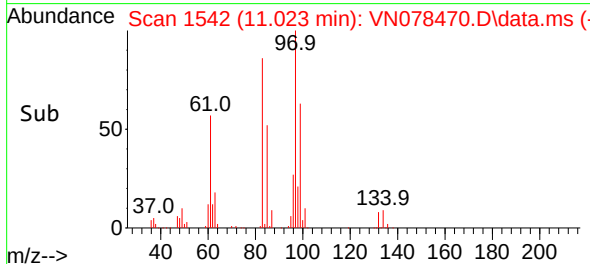
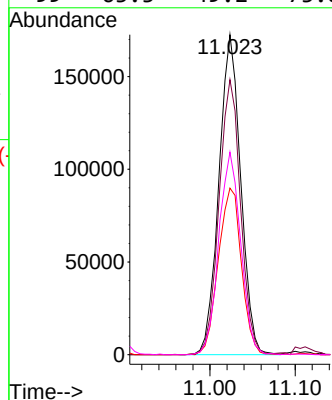
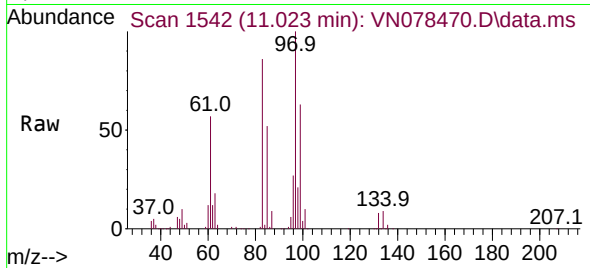




#55
1,1,2-Trichloroethane
Concen: 58.904 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

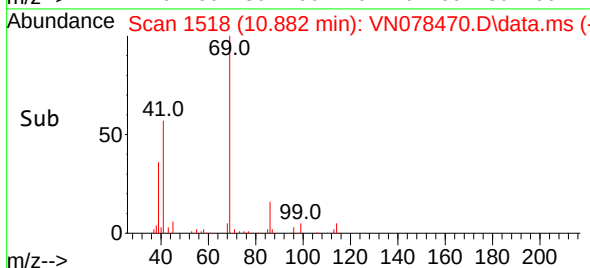
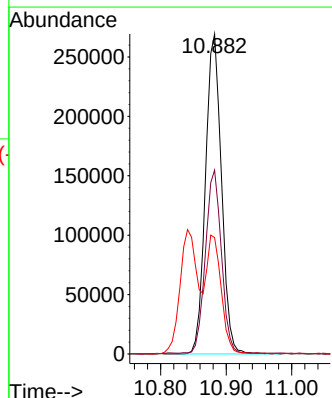
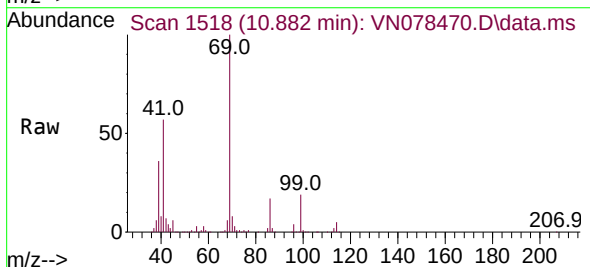
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

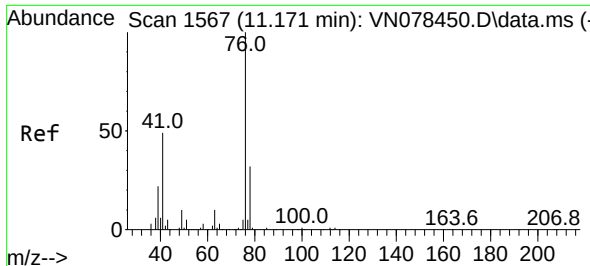
Tgt Ion: 97 Resp: 307427
Ion Ratio Lower Upper
97 100
83 85.9 65.1 97.7
85 52.1 43.4 65.2
99 63.3 49.2 73.8



#56
Ethyl methacrylate
Concen: 62.512 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 69 Resp: 456070
Ion Ratio Lower Upper
69 100
41 57.5 39.6 59.4
39 33.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 58.329 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

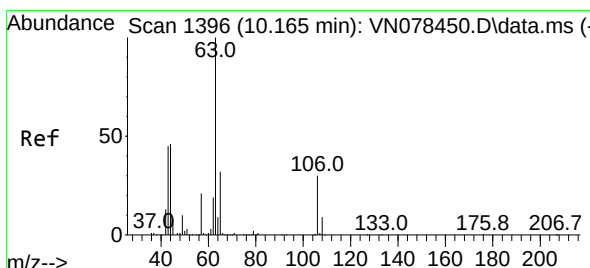
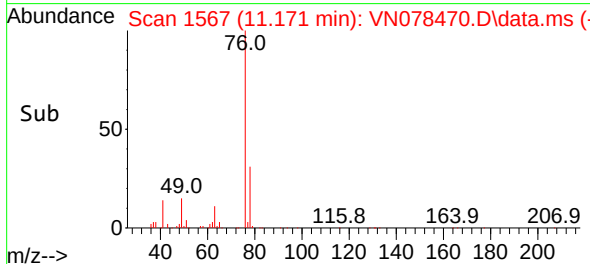
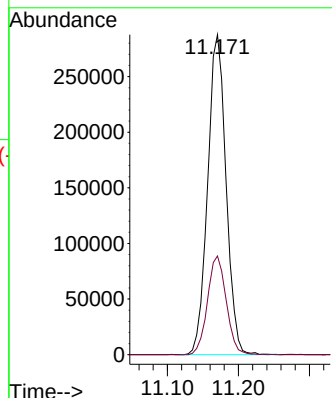
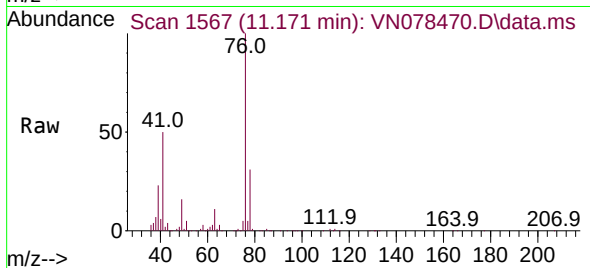
VSTDCCC050EC

Tgt Ion: 76 Resp: 517615

Ion Ratio Lower Upper

76 100

78 31.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 304.339 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078470.D

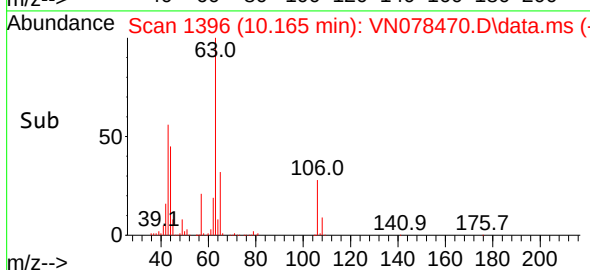
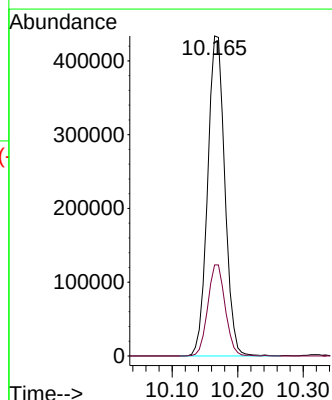
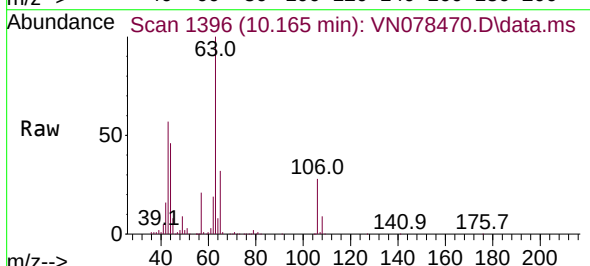
Acq: 11 Jul 2023 19:04

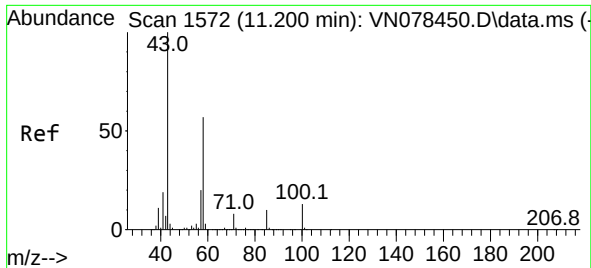
Tgt Ion: 63 Resp: 791286

Ion Ratio Lower Upper

63 100

106 28.8 26.2 39.4

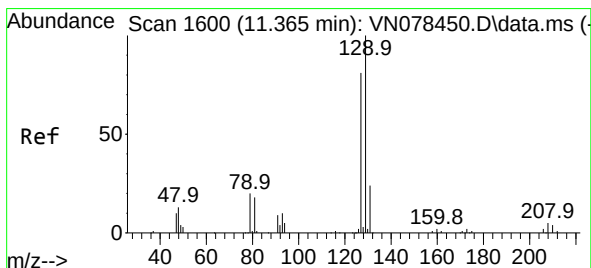
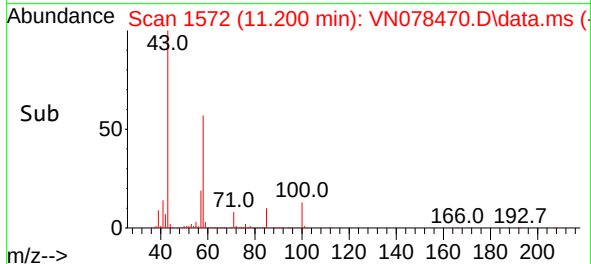
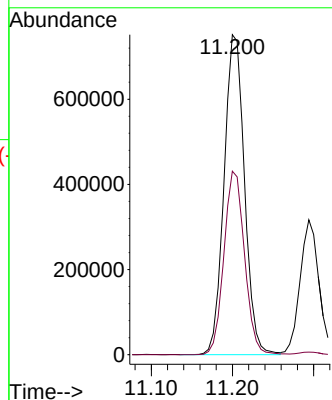
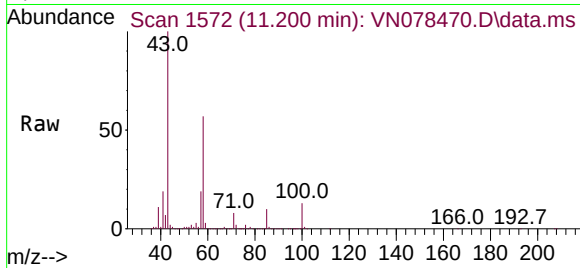




#59
2-Hexanone
Concen: 314.850 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

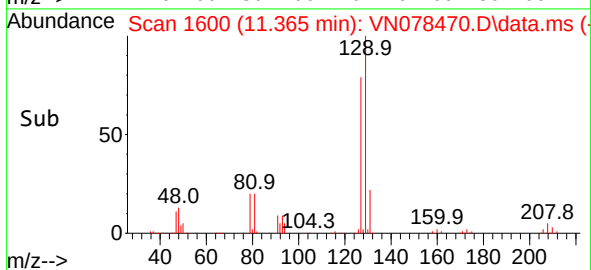
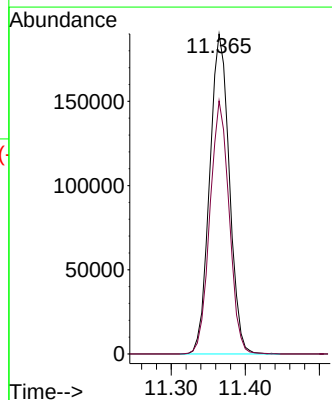
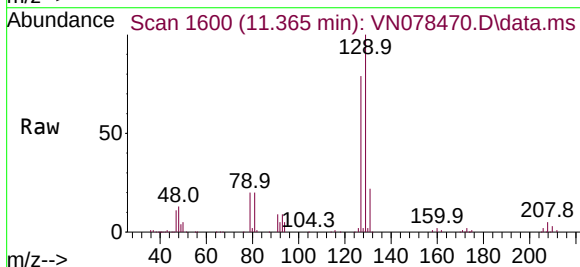
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

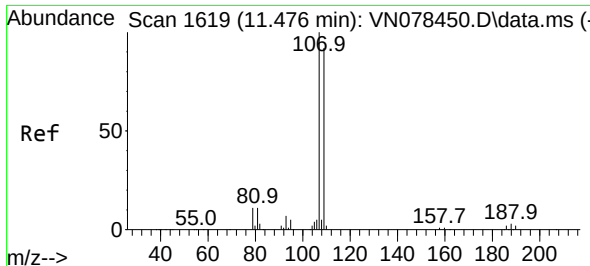
Tgt Ion: 43 Resp: 1317873
Ion Ratio Lower Upper
43 100
58 57.8 31.7 95.1



#60
Dibromochloromethane
Concen: 60.854 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 129 Resp: 350630
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

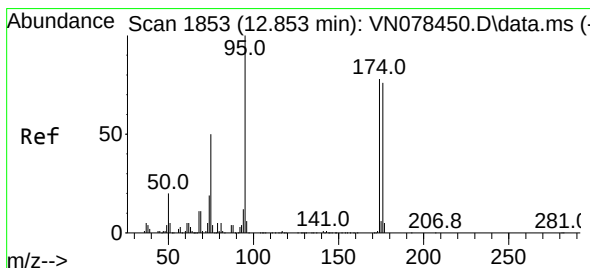
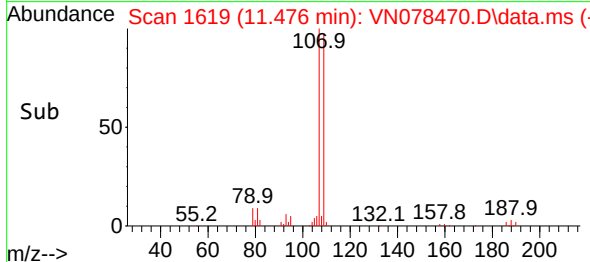
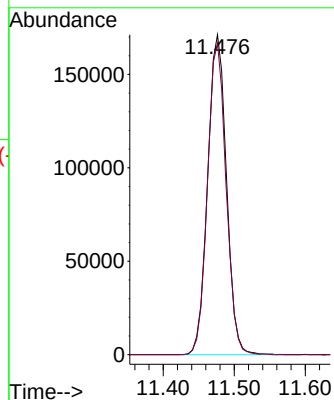
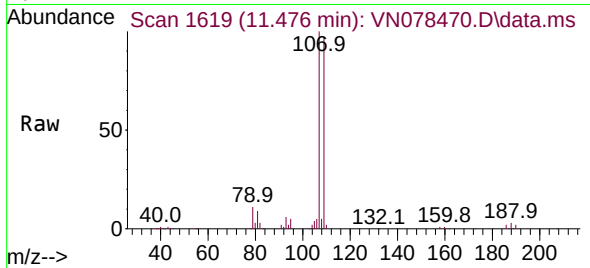




#61
1,2-Dibromoethane
Concen: 58.498 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

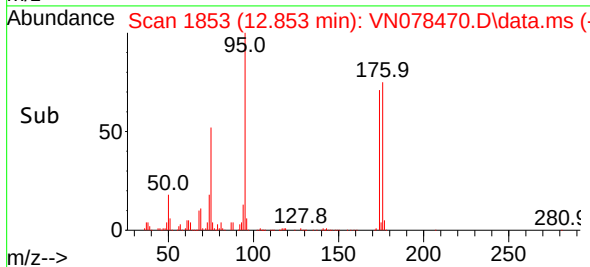
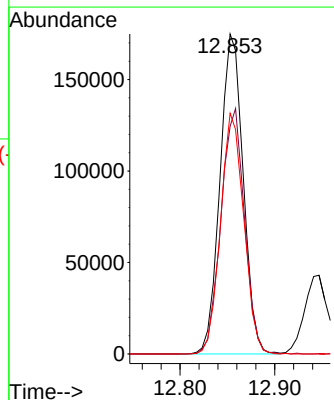
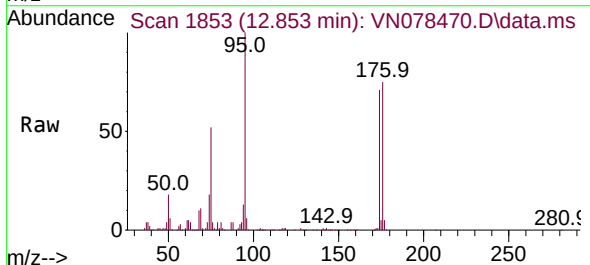
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

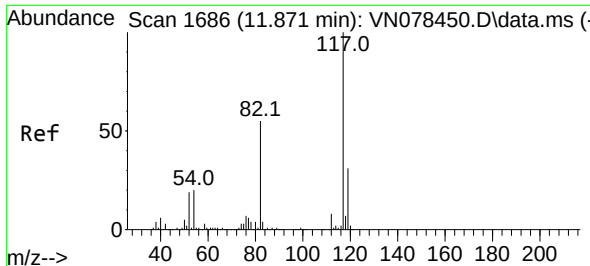
Tgt Ion:107 Resp: 314506
Ion Ratio Lower Upper
107 100
109 96.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.136 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 95 Resp: 297300
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 75.4 0.0 135.8

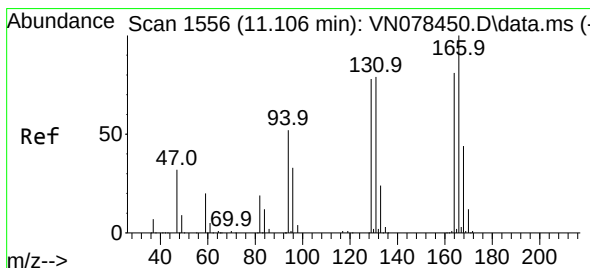
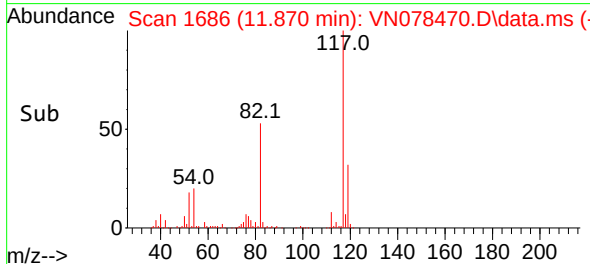
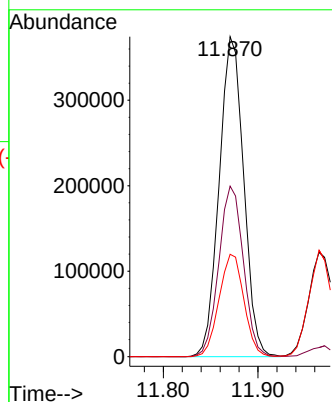
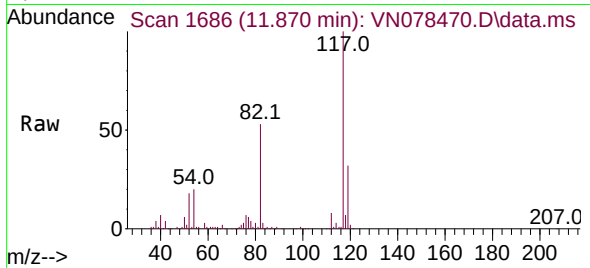




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

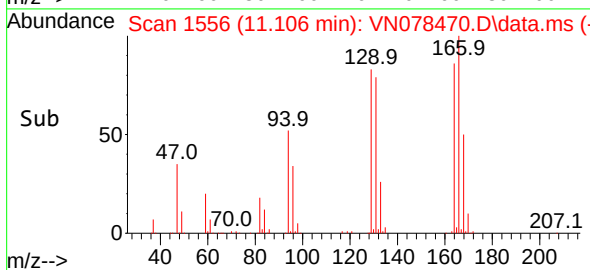
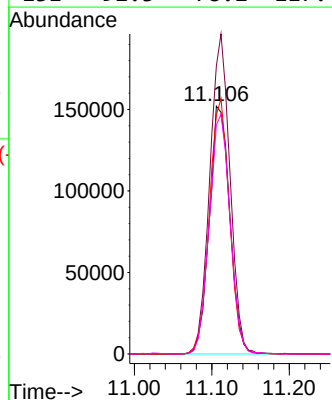
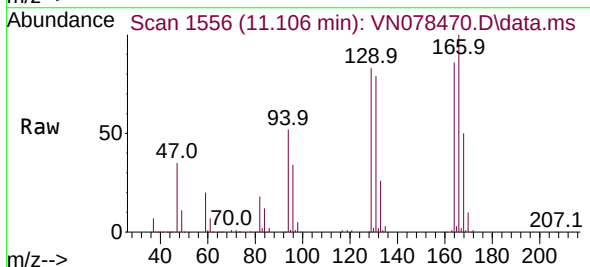
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

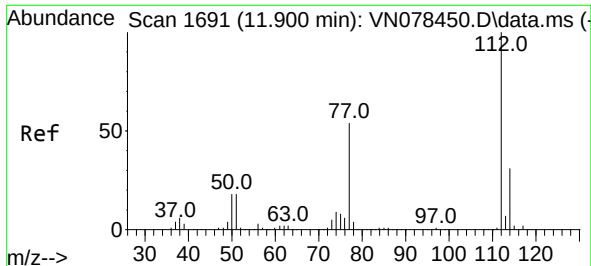
Tgt Ion:117 Resp: 673785
Ion Ratio Lower Upper
117 100
82 53.3 44.0 66.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 55.166 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion:164 Resp: 279452
Ion Ratio Lower Upper
164 100
166 116.2 101.4 152.0
129 96.4 82.4 123.6
131 92.3 78.2 117.4

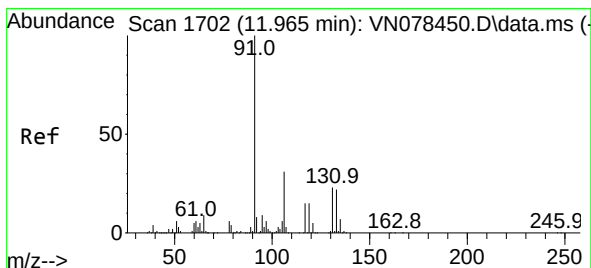
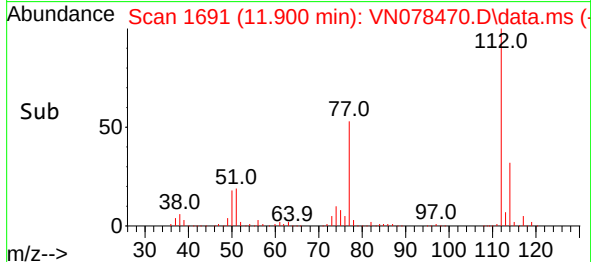
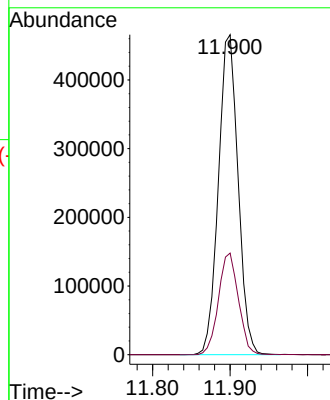
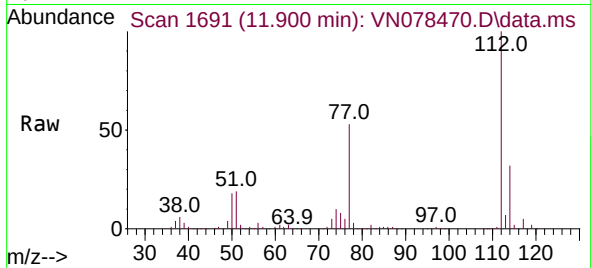




#65
Chlorobenzene
Concen: 54.500 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

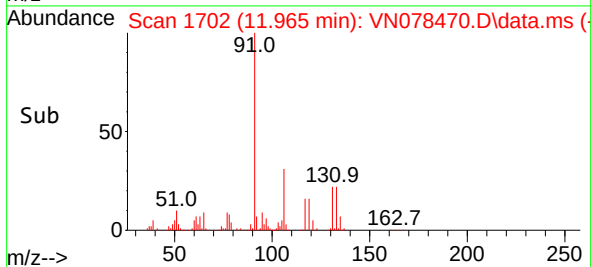
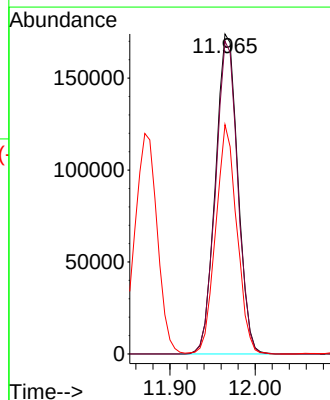
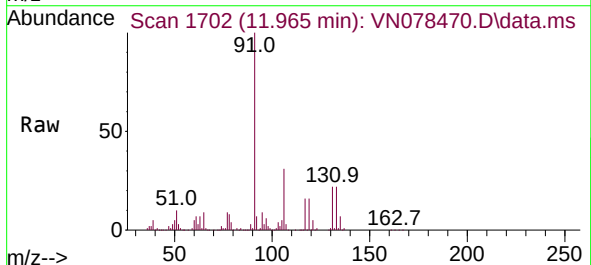
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

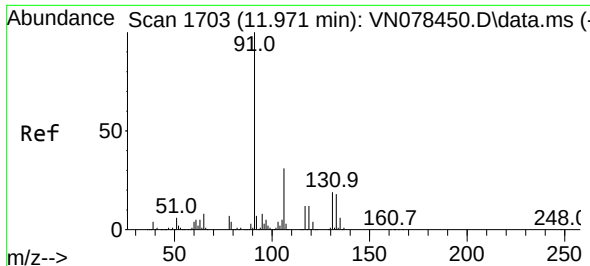
Tgt Ion:112 Resp: 820812
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.691 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion:131 Resp: 316871
Ion Ratio Lower Upper
131 100
133 96.9 46.4 139.1
119 67.9 34.1 102.2

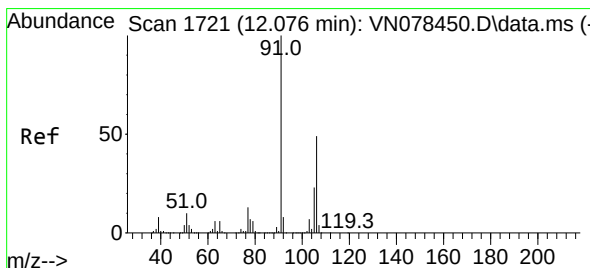
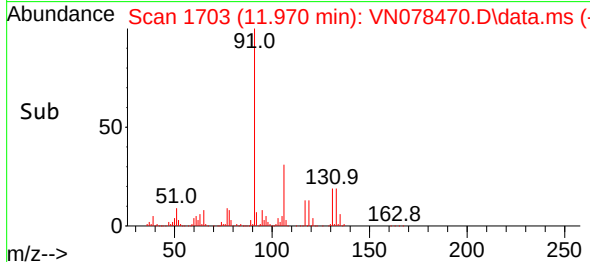
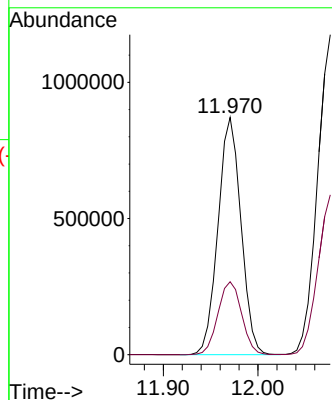
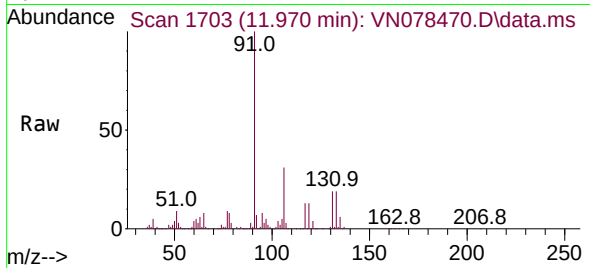




#67
Ethyl Benzene
Concen: 57.716 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

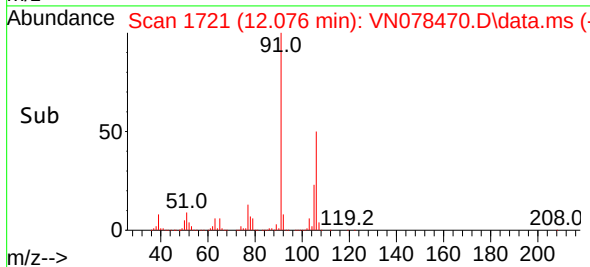
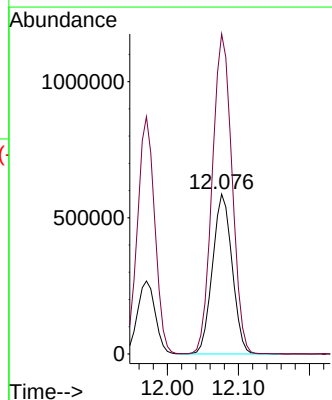
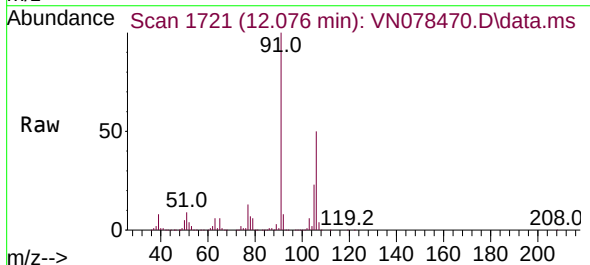
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

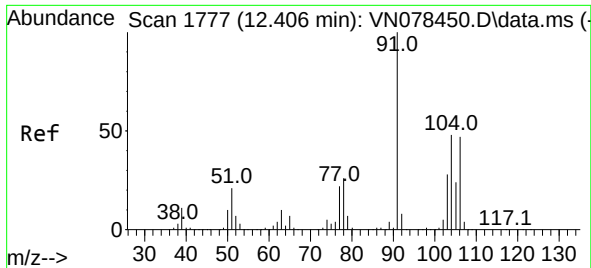
Tgt Ion: 91 Resp: 1469317
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4



#68
m/p-Xylenes
Concen: 119.085 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion:106 Resp: 1120877
Ion Ratio Lower Upper
106 100
91 202.4 159.6 239.4

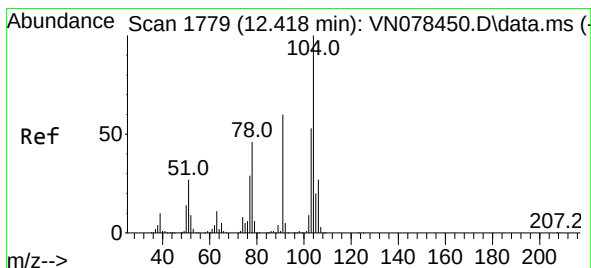
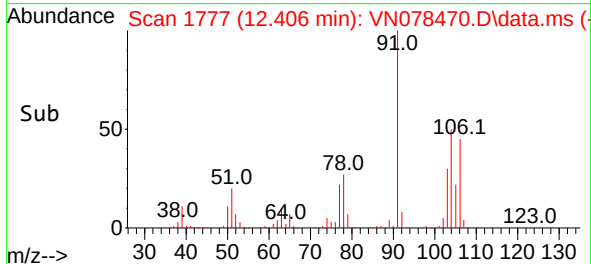
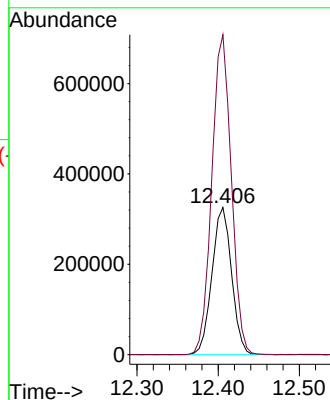
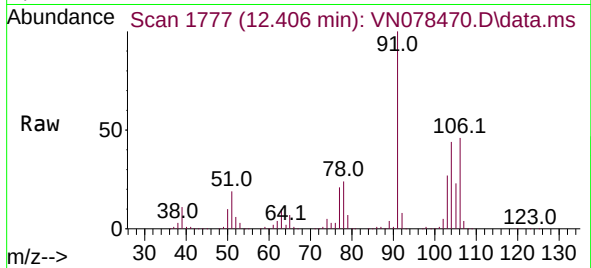




#69
o-Xylene
Concen: 57.581 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

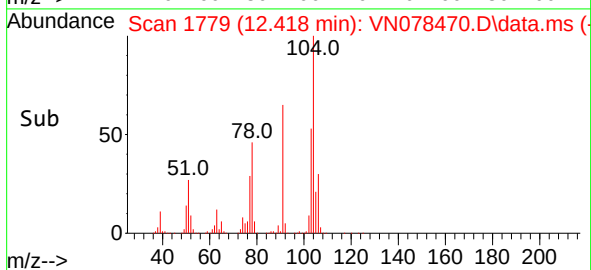
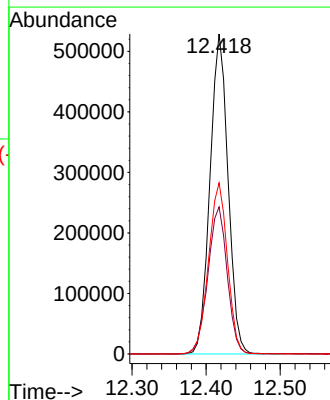
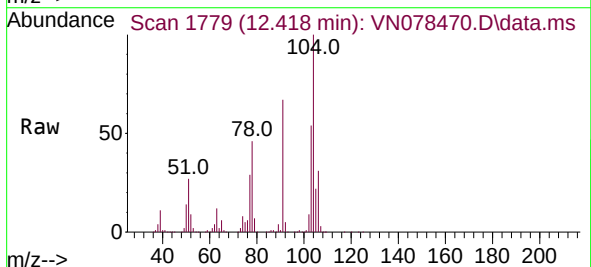
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

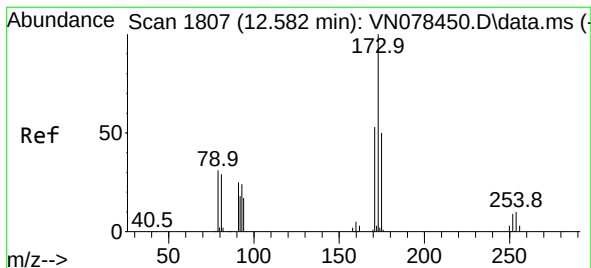
Tgt Ion:106 Resp: 547428
Ion Ratio Lower Upper
106 100
91 215.8 105.2 315.5



#70
Styrene
Concen: 60.150 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion:104 Resp: 894641
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 56.1 43.2 64.8





#71

Bromoform

Concen: 59.195 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

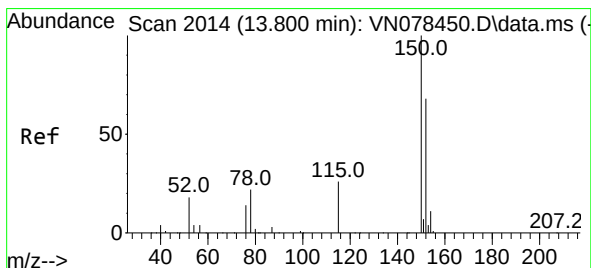
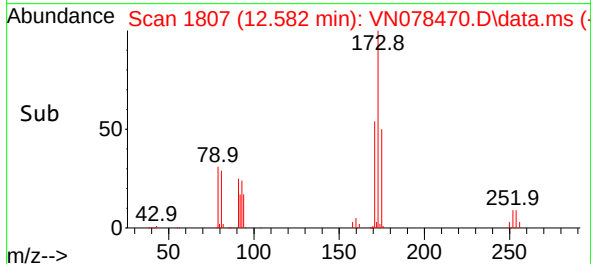
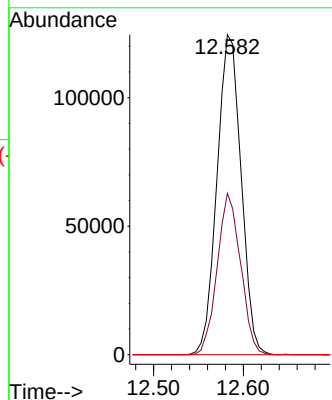
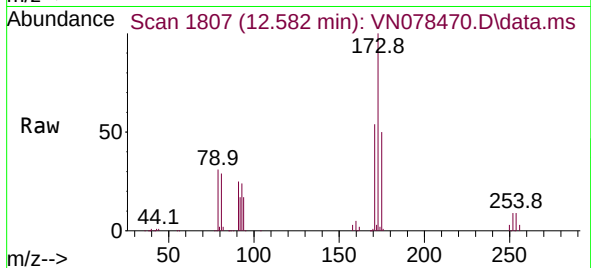
Tgt Ion:173 Resp: 232274

Ion Ratio Lower Upper

173 100

175 48.8 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: VN078470.D

Acq: 11 Jul 2023 19:04

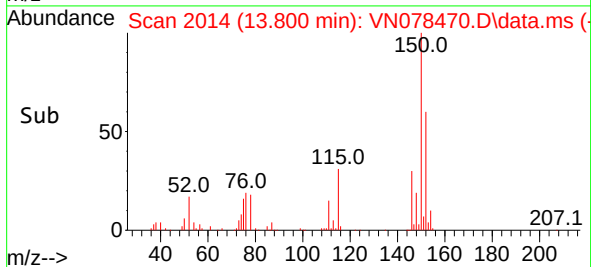
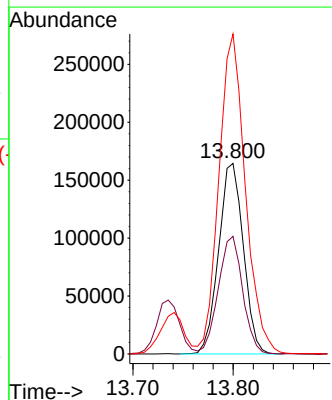
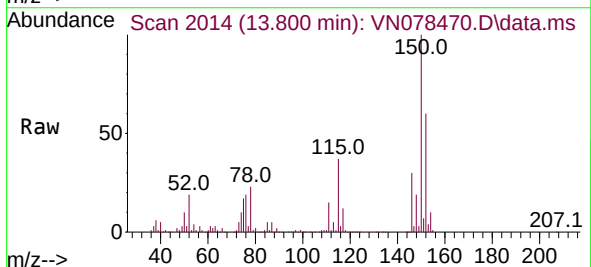
Tgt Ion:152 Resp: 281638

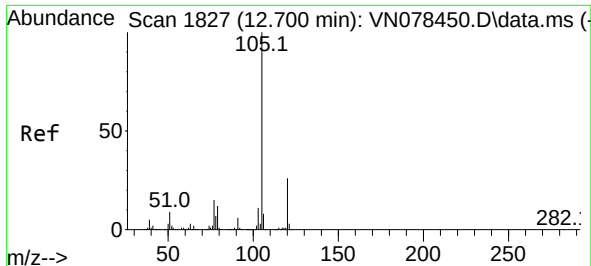
Ion Ratio Lower Upper

152 100

115 60.8 32.3 96.8

150 179.4 0.0 355.8

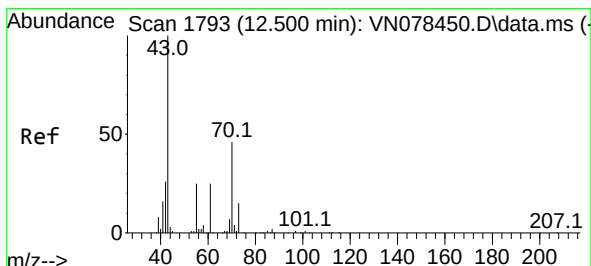
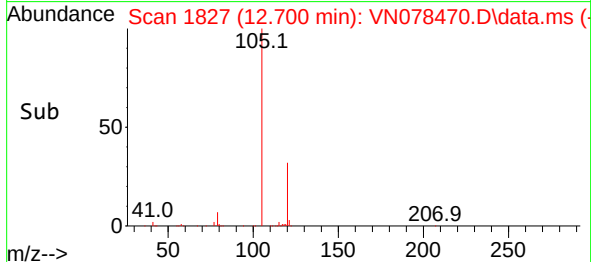
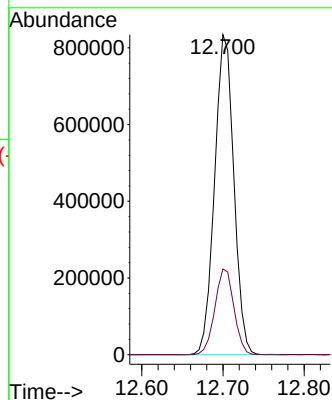
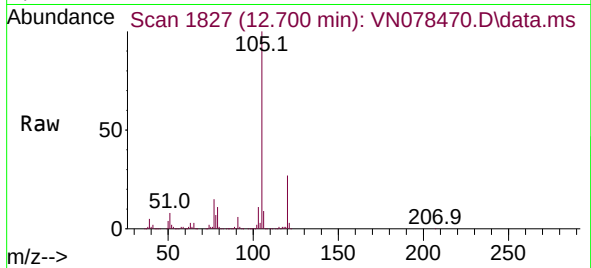




#73
Isopropylbenzene
Concen: 51.883 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

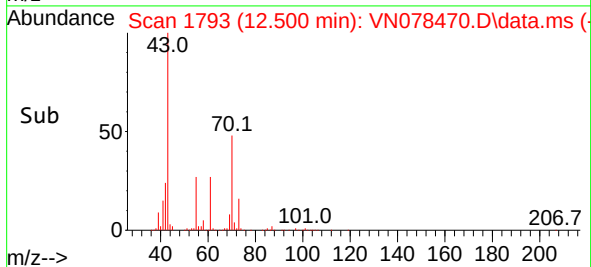
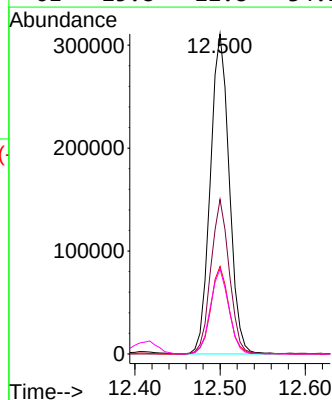
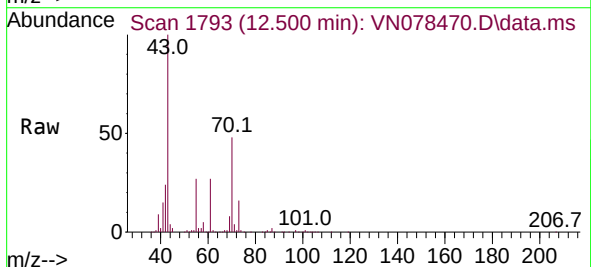
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

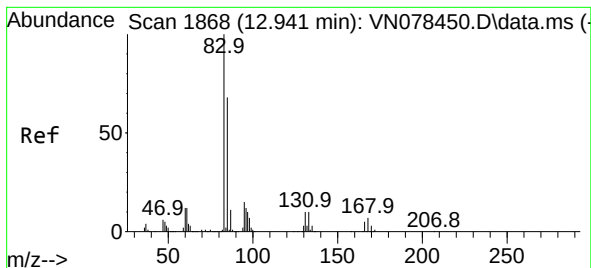
Tgt Ion:105 Resp: 1373035
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#74
N-ethyl acetate
Concen: 52.666 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 43 Resp: 480308
Ion Ratio Lower Upper
43 100
70 47.0 43.4 65.2
55 26.4 21.4 32.0
61 25.8 22.8 34.2

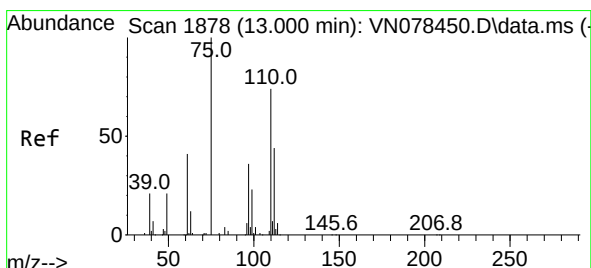
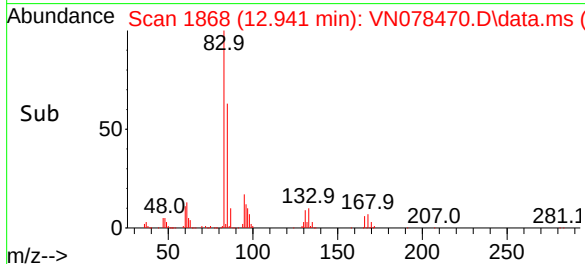
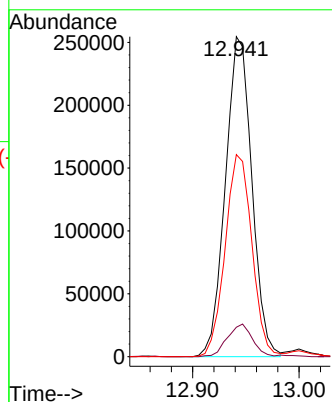
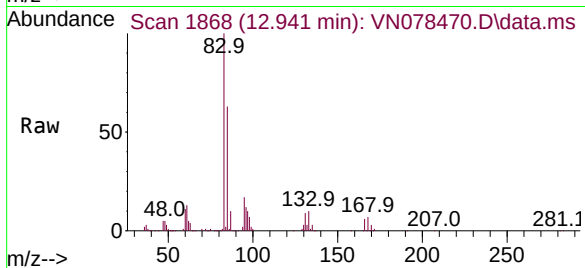




#75
1,1,2,2-Tetrachloroethane
Concen: 60.175 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

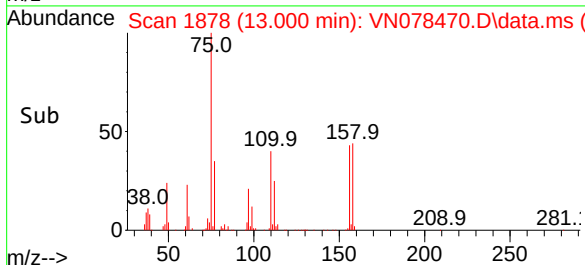
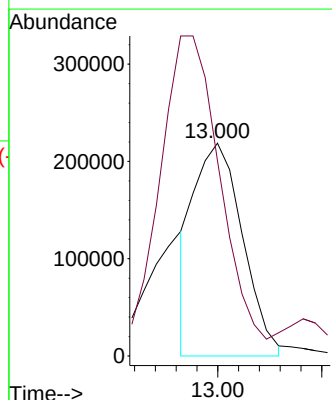
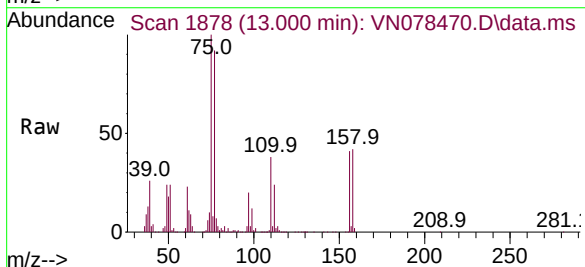
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

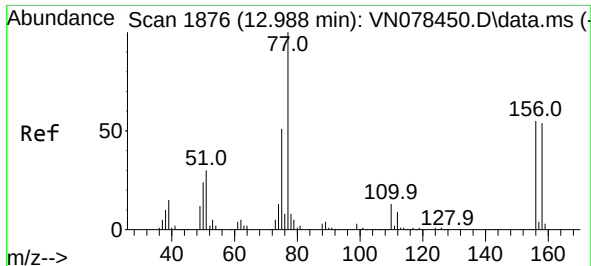
Tgt Ion: 83 Resp: 440126
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 52.360 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 75 Resp: 356443
Ion Ratio Lower Upper
75 100
77 189.6 84.5 253.5

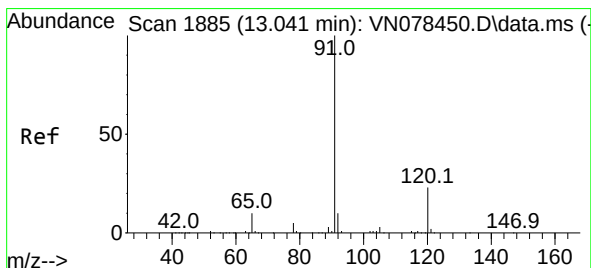
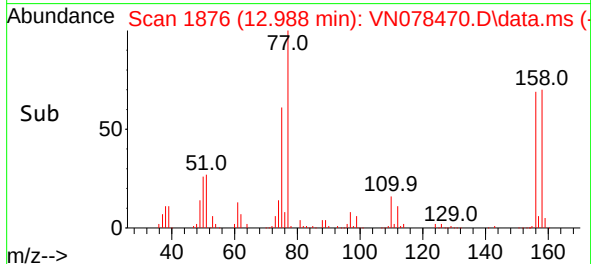
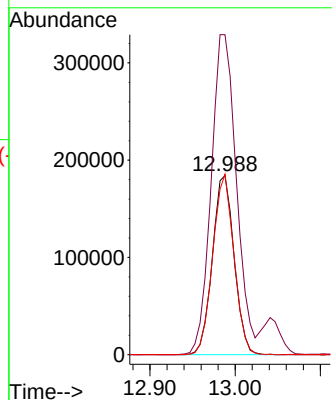
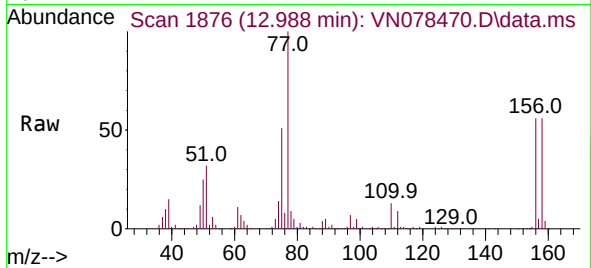




#77
Bromobenzene
Concen: 56.814 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

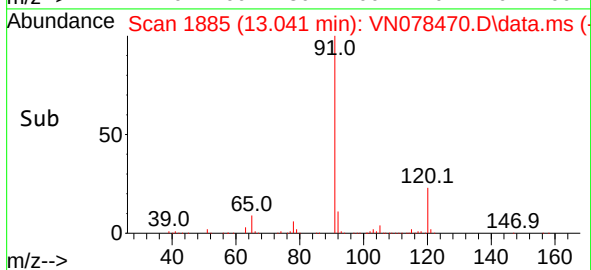
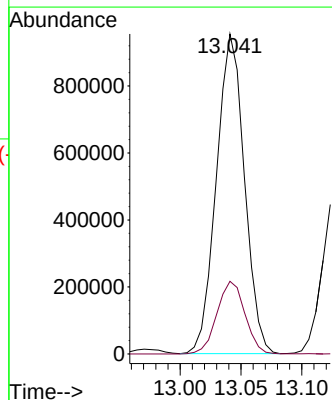
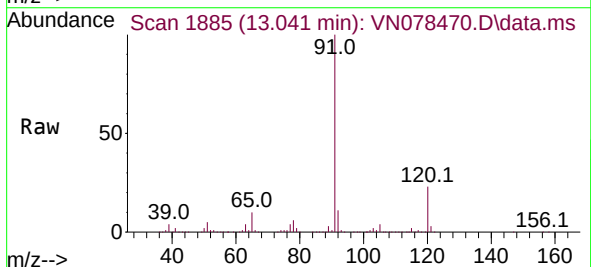
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

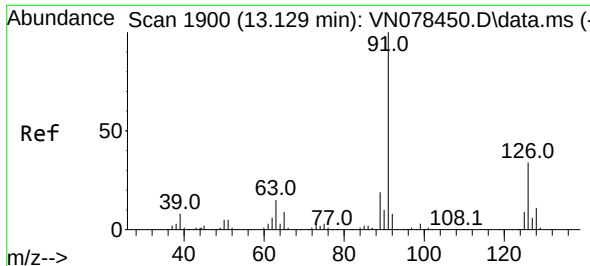
Tgt Ion:156 Resp: 325755
Ion Ratio Lower Upper
156 100
77 207.5 107.7 323.3
158 98.3 48.4 145.3



#78
n-propylbenzene
Concen: 54.030 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 91 Resp: 1529134
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

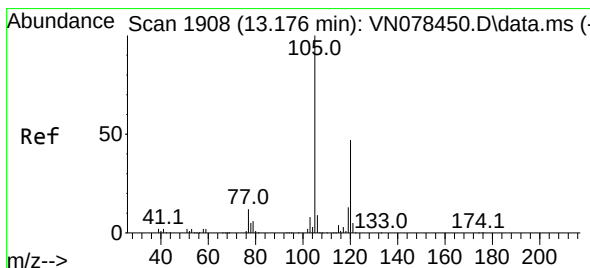
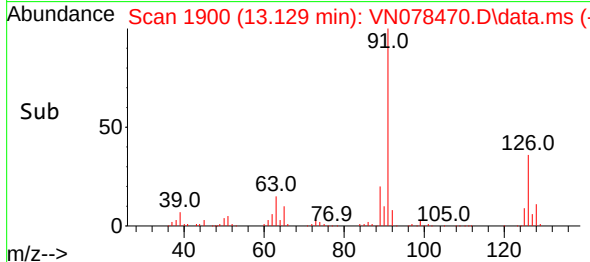
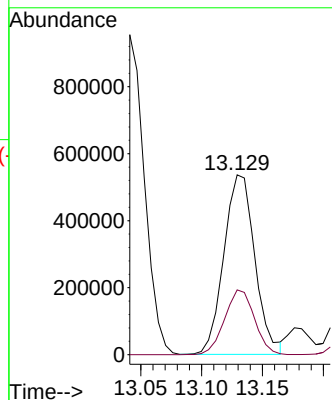
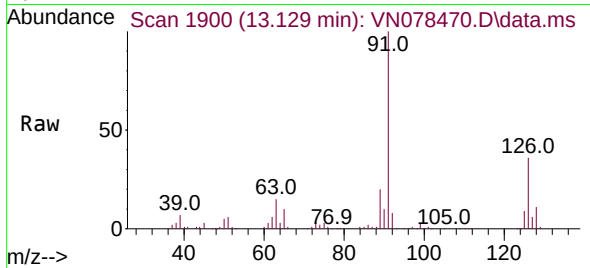




#79
2-Chlorotoluene
Concen: 51.327 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

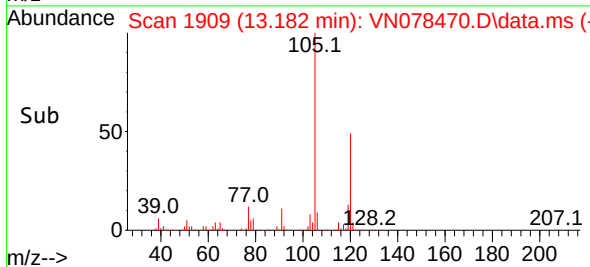
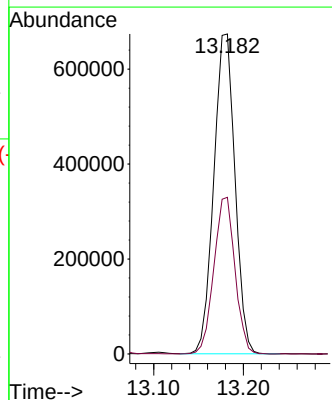
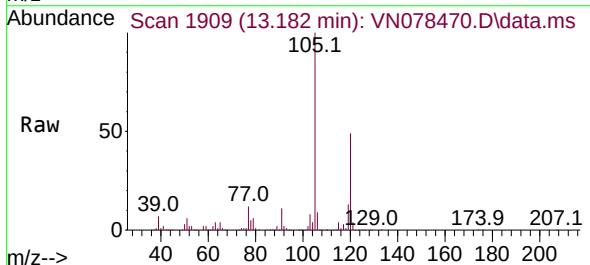
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

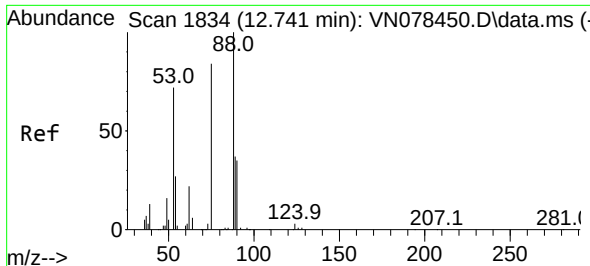
Tgt Ion: 91 Resp: 951503
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 52.869 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion:105 Resp: 1105477
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3

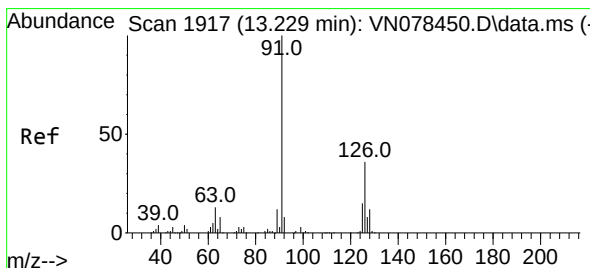
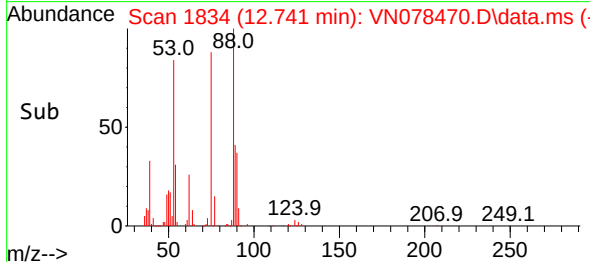
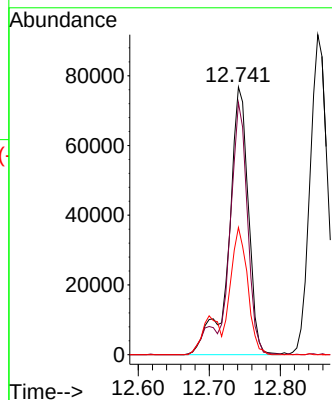
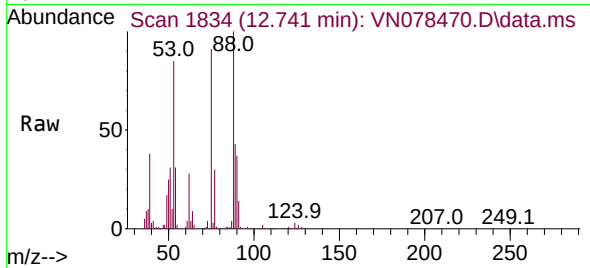




#81
trans-1,4-Dichloro-2-butene
Concen: 57.189 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

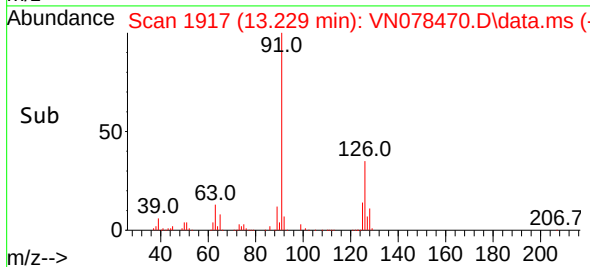
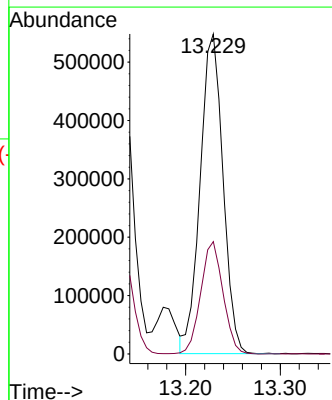
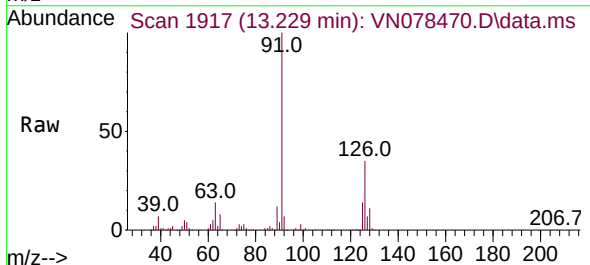
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

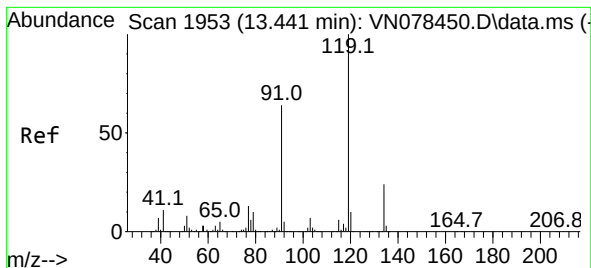
Tgt Ion: 75 Resp: 148152
Ion Ratio Lower Upper
75 100
53 80.0 67.4 101.2
89 40.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 53.045 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078470.D
Acq: 11 Jul 2023 19:04

Tgt Ion: 91 Resp: 917330
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





#83

tert-Butylbenzene

Concen: 52.945 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

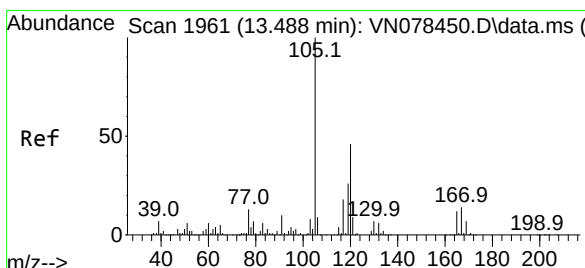
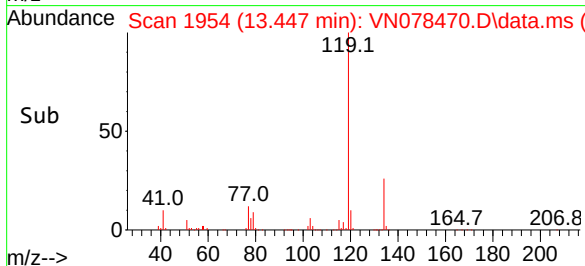
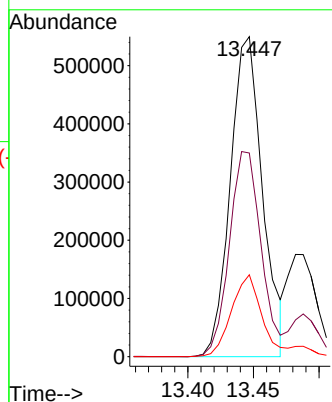
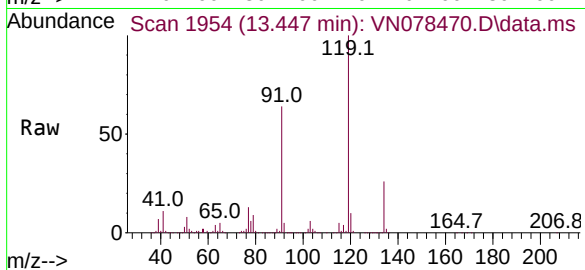
Tgt Ion:119 Resp: 939904

Ion Ratio Lower Upper

119 100

91 63.2 33.9 101.7

134 24.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 54.648 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078470.D

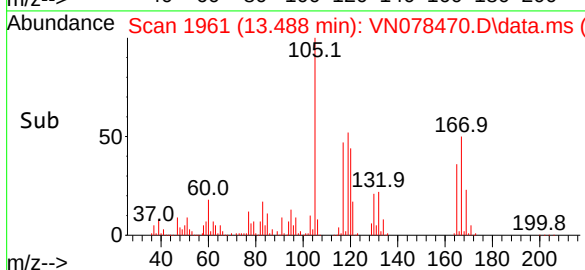
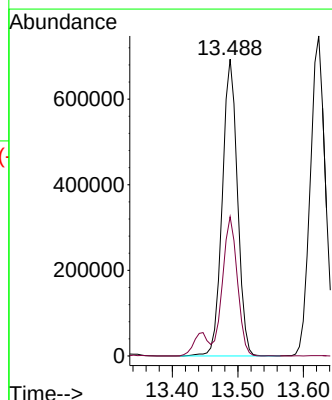
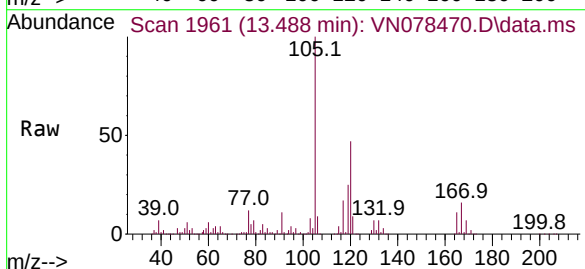
Acq: 11 Jul 2023 19:04

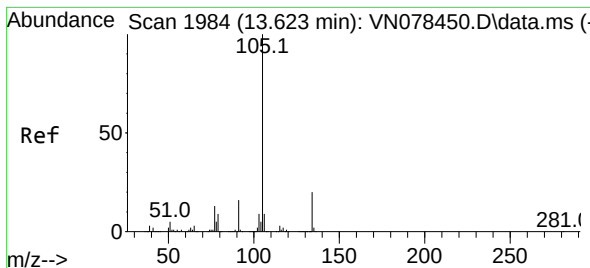
Tgt Ion:105 Resp: 1109917

Ion Ratio Lower Upper

105 100

120 45.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 53.114 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

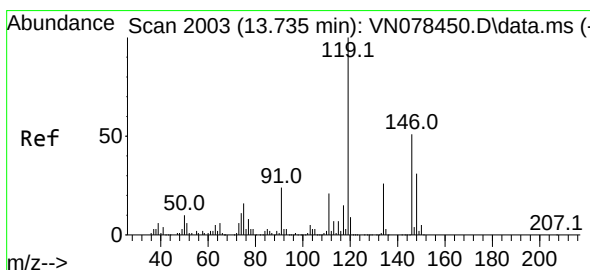
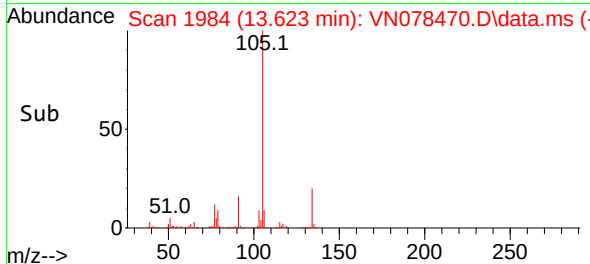
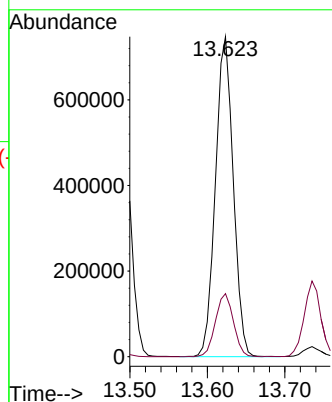
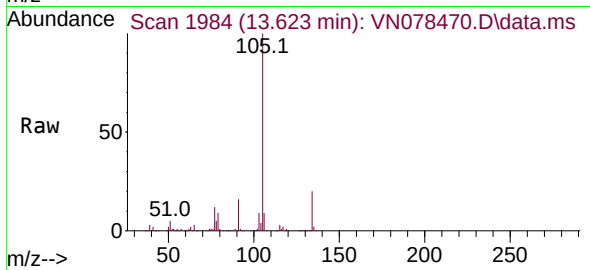
VSTDCCC050EC

Tgt Ion:105 Resp: 1191829

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 55.083 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

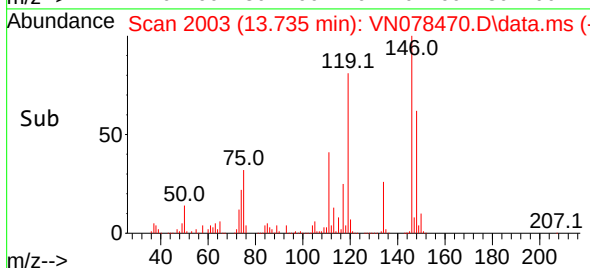
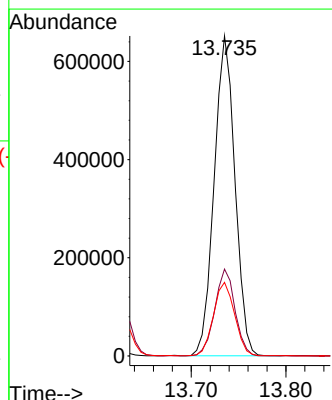
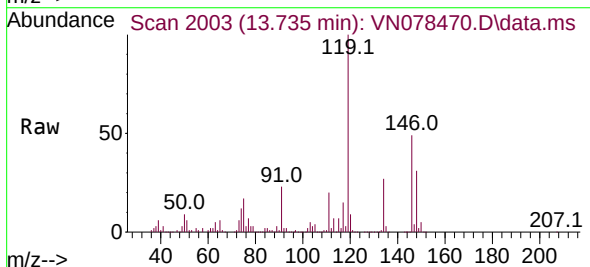
Tgt Ion:119 Resp: 992482

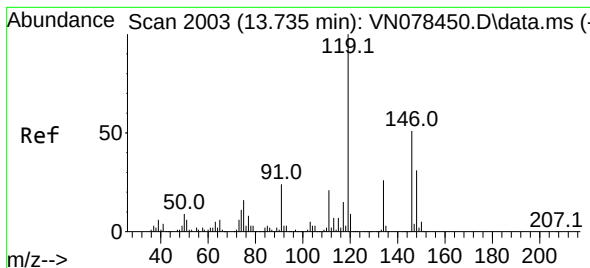
Ion Ratio Lower Upper

119 100

134 26.4 12.6 37.8

91 23.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 54.848 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

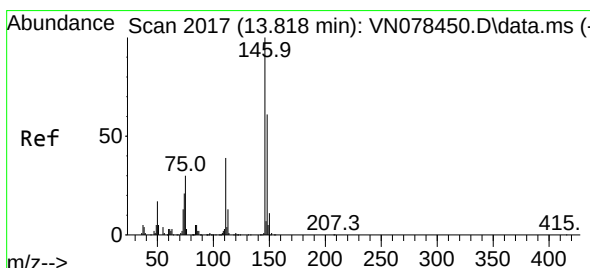
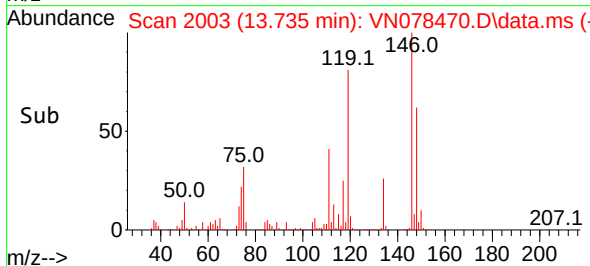
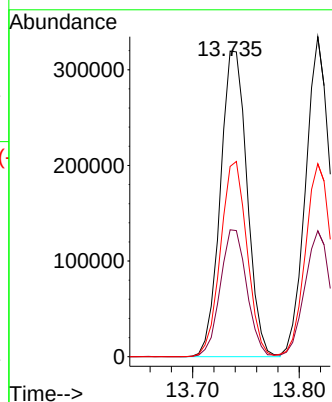
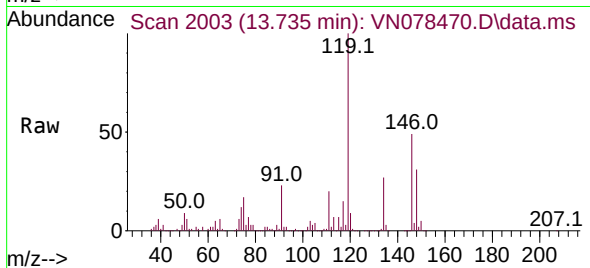
Tgt Ion:146 Resp: 557219

Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.3

148 63.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 52.925 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

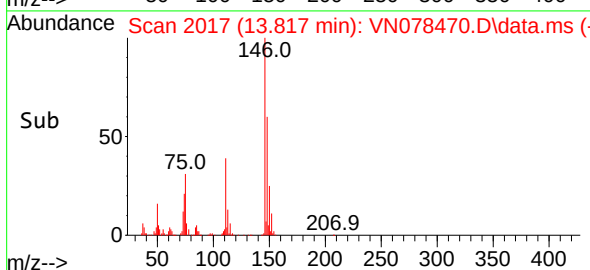
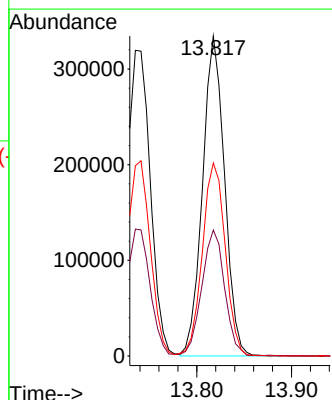
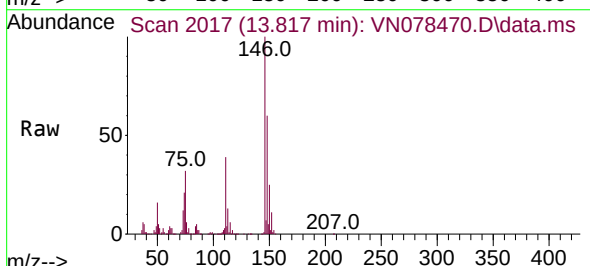
Tgt Ion:146 Resp: 541587

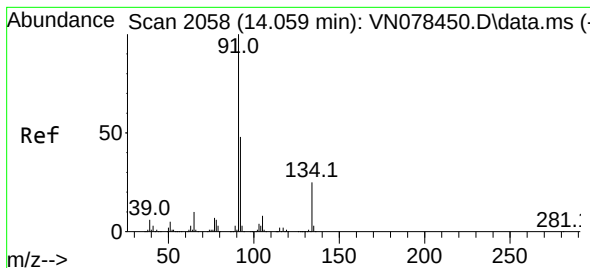
Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.8

148 62.8 31.6 94.8





#89

n-Butylbenzene

Concen: 57.347 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.005 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

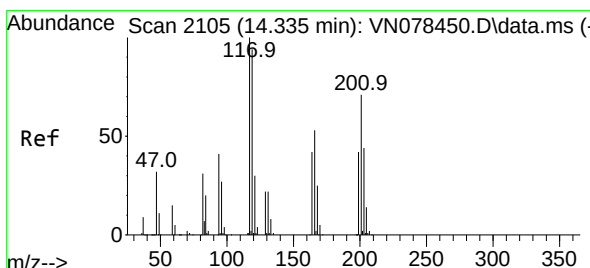
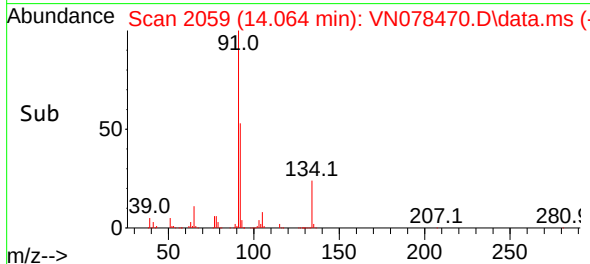
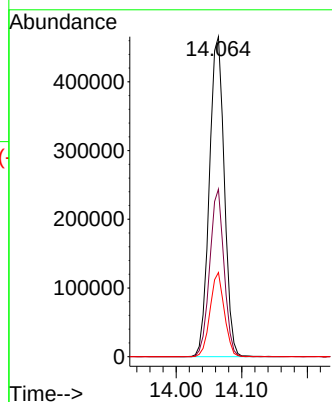
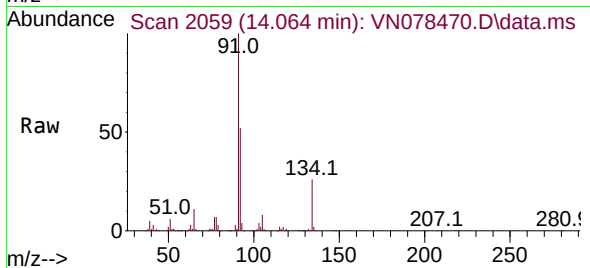
Tgt Ion: 91 Resp: 739307

Ion Ratio Lower Upper

91 100

92 50.0 26.4 79.0

134 25.1 12.6 37.6



#90

Hexachloroethane

Concen: 58.923 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078470.D

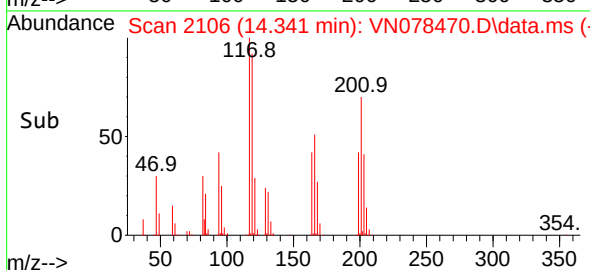
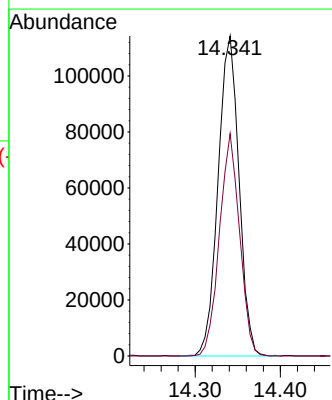
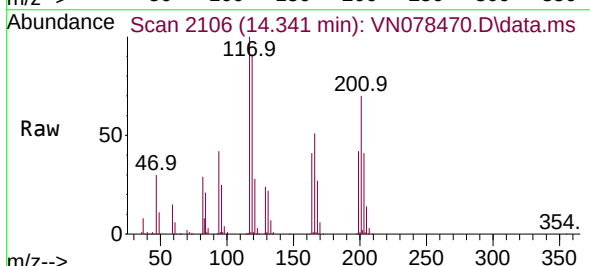
Acq: 11 Jul 2023 19:04

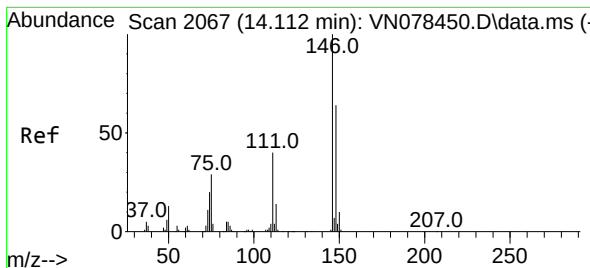
Tgt Ion: 117 Resp: 194650

Ion Ratio Lower Upper

117 100

201 67.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 53.641 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

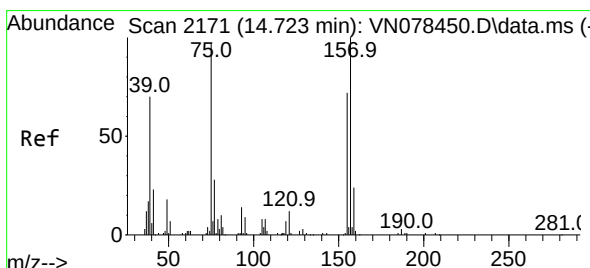
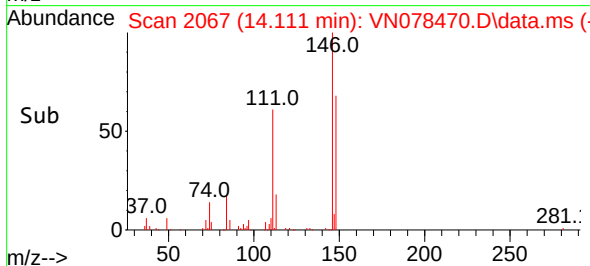
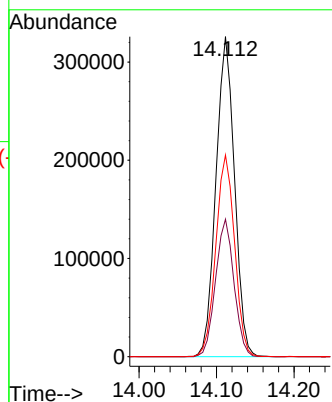
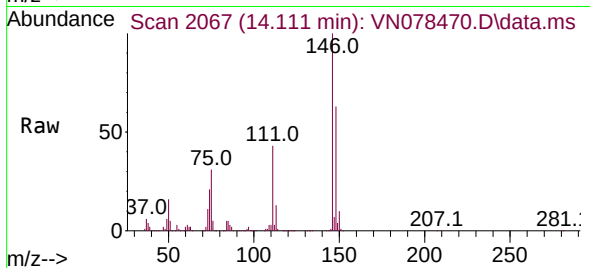
Tgt Ion:146 Resp: 542334

Ion Ratio Lower Upper

146 100

111 42.6 22.0 66.0

148 63.8 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.986 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

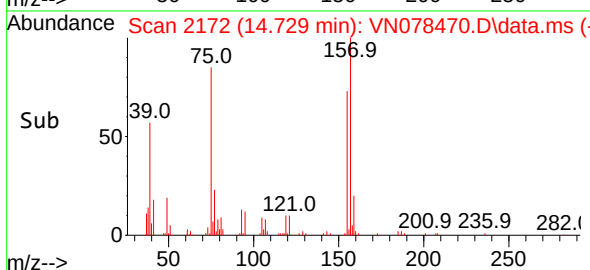
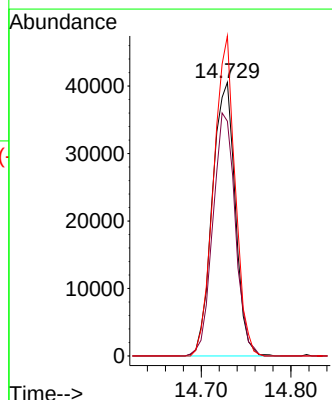
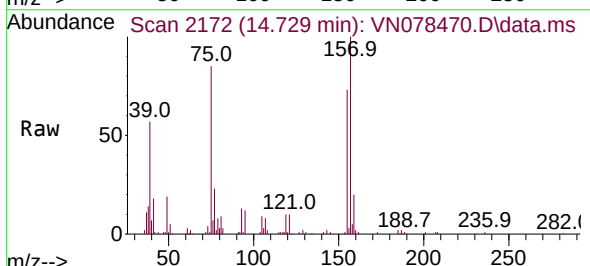
Tgt Ion: 75 Resp: 71857

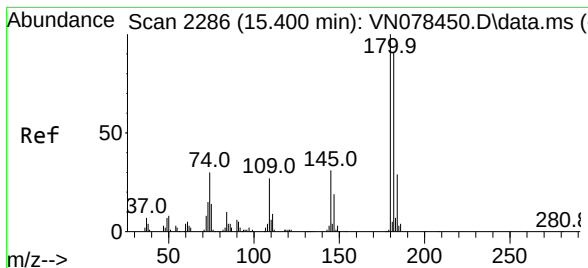
Ion Ratio Lower Upper

75 100

155 87.0 39.1 117.2

157 109.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 55.171 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

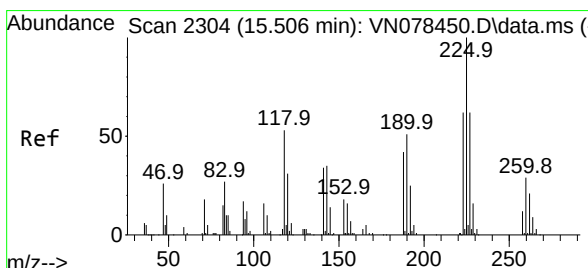
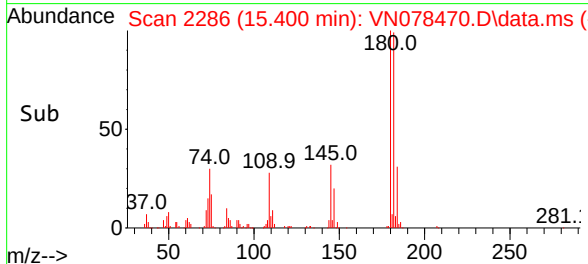
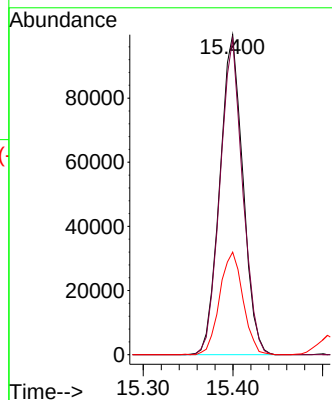
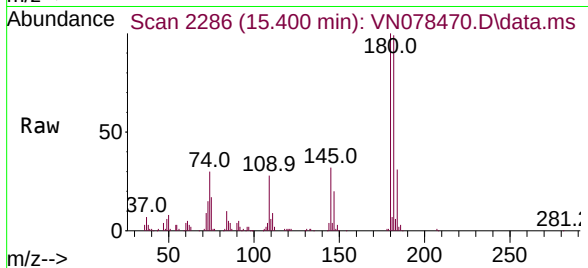
Tgt Ion:180 Resp: 178023

Ion Ratio Lower Upper

180 100

182 96.9 46.1 138.2

145 32.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 57.425 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

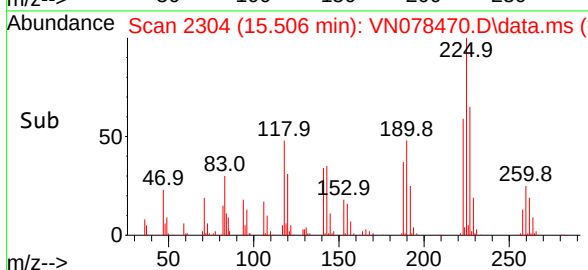
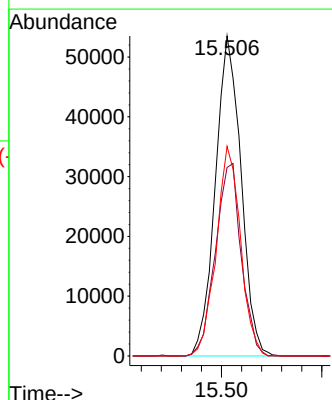
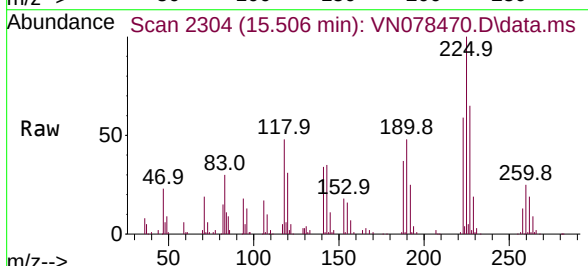
Tgt Ion:225 Resp: 94831

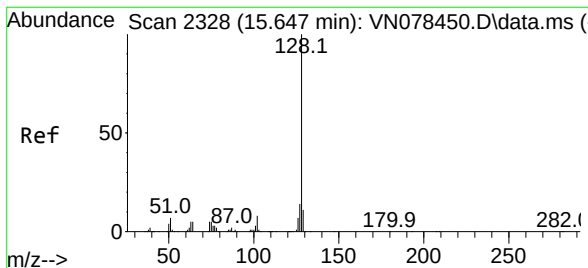
Ion Ratio Lower Upper

225 100

223 60.7 31.3 93.8

227 62.1 31.9 95.9





#95

Naphthalene

Concen: 51.433 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

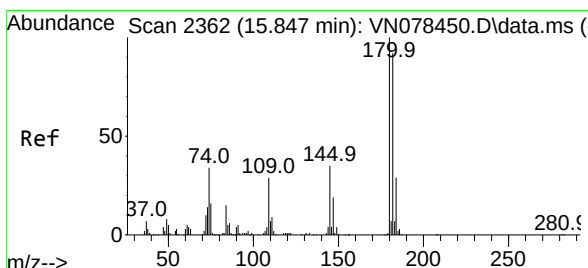
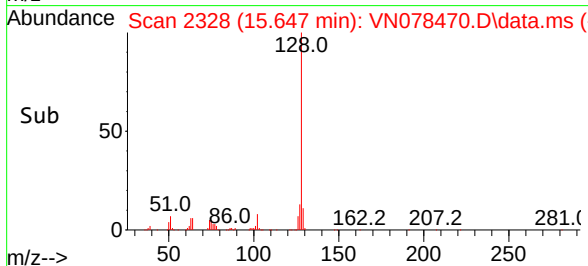
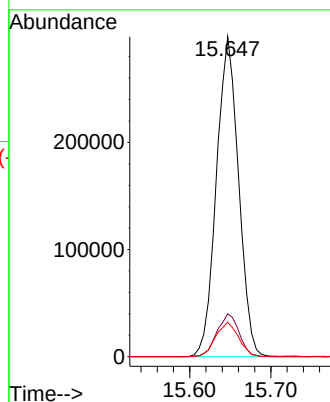
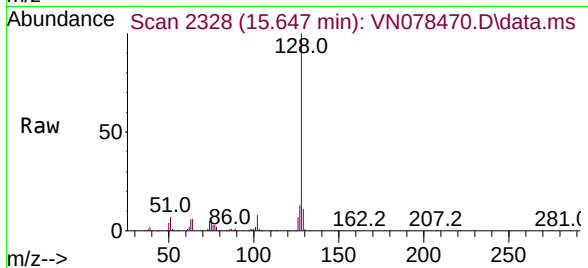
Tgt Ion:128 Resp: 567363

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.371 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078470.D

Acq: 11 Jul 2023 19:04

Tgt Ion:180 Resp: 194310

Ion Ratio Lower Upper

180 100

182 95.3 46.2 138.6

145 35.2 17.5 52.6

