

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077891.D
 Acq On : 25 May 2023 08:59
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 25 09:43:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	214322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	480092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	356334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	105641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	269374	84.001	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 168.000%#	
35) Dibromofluoromethane	8.171	113	215136	68.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 137.440%#	
50) Toluene-d8	10.571	98	511112	42.416	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 84.840%#	
62) 4-Bromofluorobenzene	12.853	95	155725	36.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 73.180%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	66108	27.103	ug/l	94
3) Chloromethane	2.371	50	205234	80.451	ug/l	99
4) Vinyl Chloride	2.518	62	198079	64.412	ug/l	99
5) Bromomethane	2.953	94	184840	81.270	ug/l	99
6) Chloroethane	3.124	64	165580	74.712	ug/l	99
7) Trichlorofluoromethane	3.500	101	164691	38.428	ug/l	98
8) Diethyl Ether	3.965	74	158878	101.547	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	58703	24.751	ug/l	97
10) Methyl Iodide	4.600	142	282971	100.042	ug/l	94
11) Tert butyl alcohol	5.530	59	222547	502.852	ug/l	99
12) 1,1-Dichloroethene	4.353	96	124446	55.206	ug/l	97
13) Acrolein	4.194	56	130053	501.227	ug/l	94
14) Allyl chloride	5.036	41	212906	64.293	ug/l	95
15) Acrylonitrile	5.724	53	572610	484.286	ug/l	99
16) Acetone	4.436	43	464328	460.231	ug/l	98
17) Carbon Disulfide	4.718	76	268434	44.196	ug/l	97
18) Methyl Acetate	5.036	43	407201	96.208	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	818670	100.336	ug/l	98
20) Methylene Chloride	5.283	84	247718	96.158	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	160062	63.213	ug/l	87
22) Diisopropyl ether	6.683	45	710903	91.588	ug/l	92
23) Vinyl Acetate	6.612	43	2235227	464.786	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	375599	78.985	ug/l	100
25) 2-Butanone	7.488	43	734260	465.243	ug/l	91
26) 2,2-Dichloropropane	7.500	77	149179	36.925	ug/l	91
27) cis-1,2-Dichloroethene	7.494	96	242887	79.999	ug/l	99
28) Bromochloromethane	7.818	49	171826	83.549	ug/l	94
29) Tetrahydrofuran	7.841	42	488710	472.909	ug/l	85
30) Chloroform	7.977	83	410605	78.494	ug/l	94
31) Cyclohexane	8.265	56	86455	19.836	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	251024	56.443	ug/l	97
36) 1,1-Dichloropropene	8.377	75	145297	31.731	ug/l	98
37) Ethyl Acetate	7.565	43	305230	74.787	ug/l	94
38) Carbon Tetrachloride	8.365	117	155690	33.671	ug/l	98
39) Methylcyclohexane	9.612	83	78496	14.002	ug/l	92
40) Benzene	8.612	78	773894	57.272	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	161299	74.210	ug/l	93
42) 1,2-Dichloroethane	8.677	62	356394	72.607	ug/l	99
43) Isopropyl Acetate	8.694	43	523426	78.517	ug/l	95
44) Trichloroethene	9.359	130	154851	45.258	ug/l	99
45) 1,2-Dichloropropane	9.629	63	227139	65.901	ug/l	94
46) Dibromomethane	9.718	93	184633	74.862	ug/l	94
47) Bromodichloromethane	9.894	83	324787	68.785	ug/l	99
48) Methyl methacrylate	9.688	41	241022	76.256	ug/l	88
49) 1,4-Dioxane	9.700	88	102199	1711.969	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1577695	398.146	ug/l	95
52) Toluene	10.635	92	393737	46.805	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	311593	62.316	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	330342	59.950	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	253343	75.847	ug/l	96
56) Ethyl methacrylate	10.882	69	385493	76.330	ug/l	92
57) 1,3-Dichloropropane	11.170	76	415387	72.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	769697	309.792	ug/l	93
59) 2-Hexanone	11.200	43	1098924	374.934	ug/l	94
60) Dibromochloromethane	11.365	129	250853	72.749	ug/l	99
61) 1,2-Dibromoethane	11.476	107	254688	76.432	ug/l	98
64) Tetrachloroethene	11.112	164	104313	41.860	ug/l	95
65) Chlorobenzene	11.900	112	397367	51.440	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	192389	71.977	ug/l	97
67) Ethyl Benzene	11.970	91	525841	37.985	ug/l	100
68) m/p-Xylenes	12.076	106	405665	77.337	ug/l	98
69) o-Xylene	12.406	106	242214	46.954	ug/l	96
70) Styrene	12.417	104	392319	47.875	ug/l	98
71) Bromoform	12.582	173	161495	90.824	ug/l #	100
73) Isopropylbenzene	12.700	105	400056	43.932	ug/l	99
74) N-amyl acetate	12.500	43	365653	108.633	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	329089	117.471	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	381837	144.328	ug/l	49
77) Bromobenzene	12.982	156	150931	72.629	ug/l	84
78) n-propylbenzene	13.041	91	391776	36.493	ug/l	100
79) 2-Chlorotoluene	13.129	91	323232	50.456	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	350434	45.787	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	82348	99.495	ug/l	91
82) 4-Chlorotoluene	13.229	91	284855	44.691	ug/l	97
83) tert-Butylbenzene	13.447	119	268646	40.208	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	369082	49.034	ug/l	98
85) sec-Butylbenzene	13.623	105	294348	30.999	ug/l	97
86) p-Isopropyltoluene	13.735	119	264086	34.885	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	190843	49.658	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	182667	47.898	ug/l	99
89) n-Butylbenzene	14.064	91	180359	25.903	ug/l	99
90) Hexachloroethane	14.341	117	47459	38.162	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	232933	64.879	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58512	107.883	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	71785	34.215	ug/l	97
94) Hexachlorobutadiene	15.511	225	19316	22.174	ug/l	96
95) Naphthalene	15.647	128	517669	71.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	86051	41.890	ug/l	93

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ClientSampleId :
VSTDCCC050EC

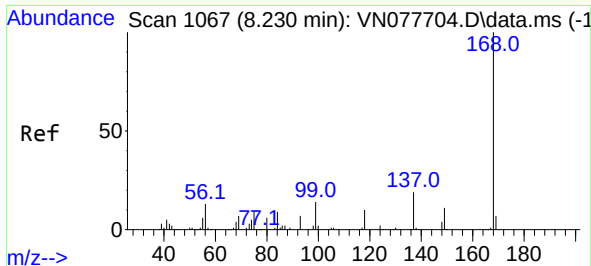
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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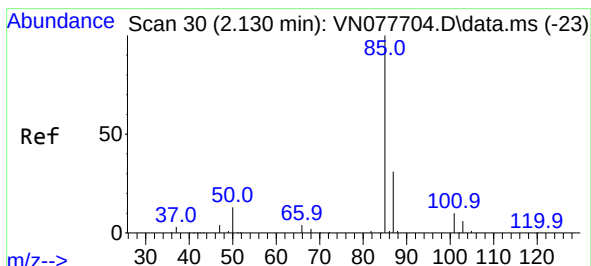
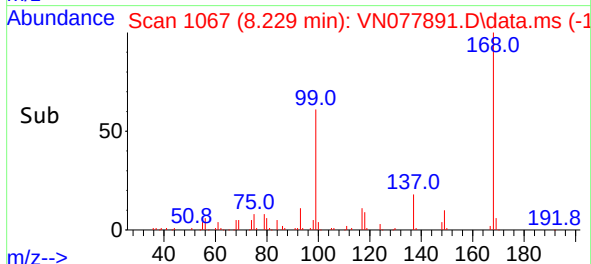
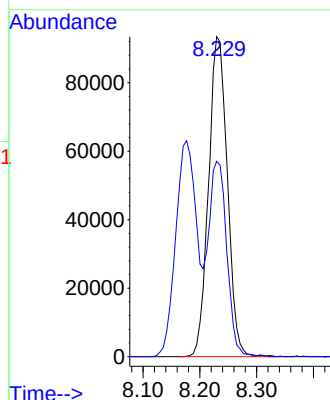
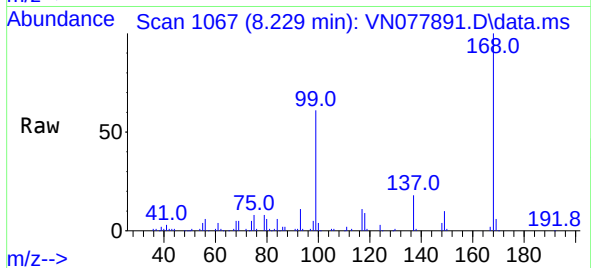




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077891.D
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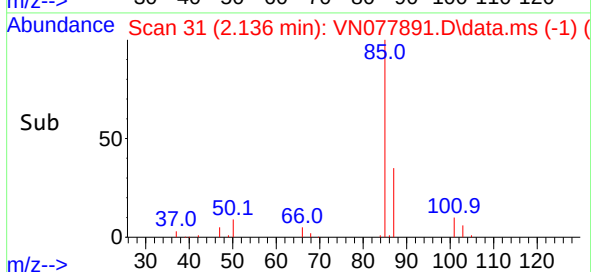
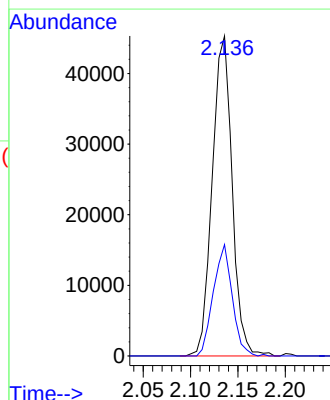
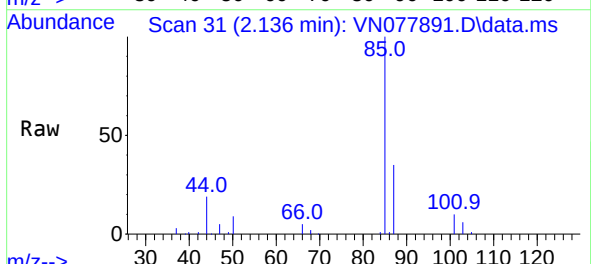
Instrument :
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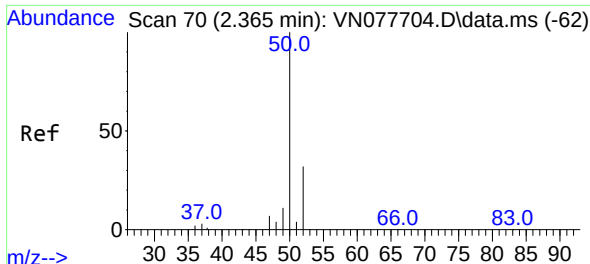
Tgt Ion:168 Resp: 214322
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 27.103 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 85 Resp: 66108
Ion Ratio Lower Upper
85 100
87 34.8 15.8 47.4

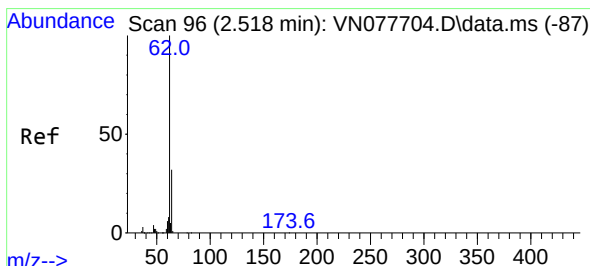
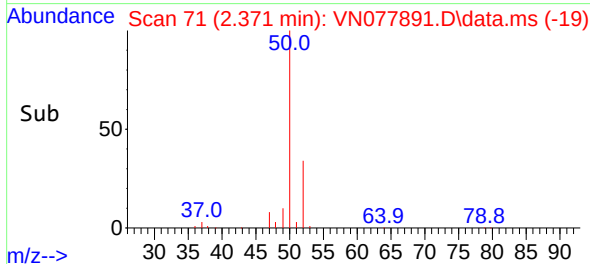
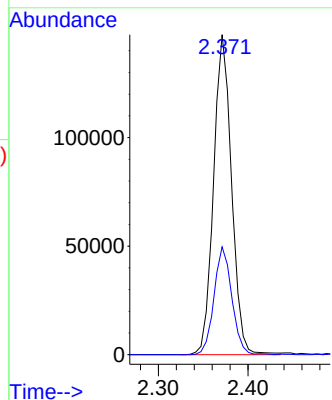
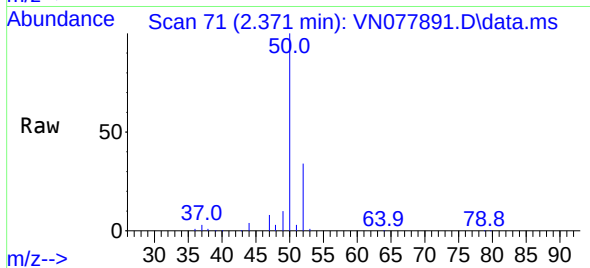




#3
Chloromethane
Concen: 80.451 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077891.D
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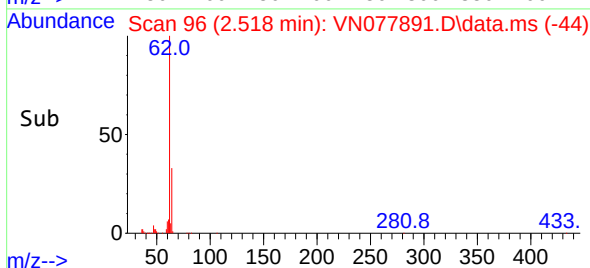
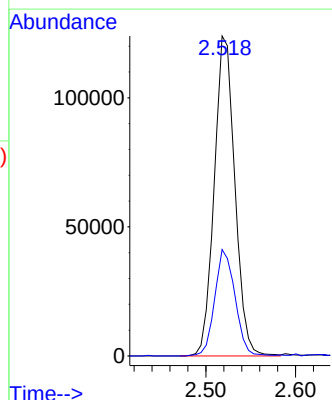
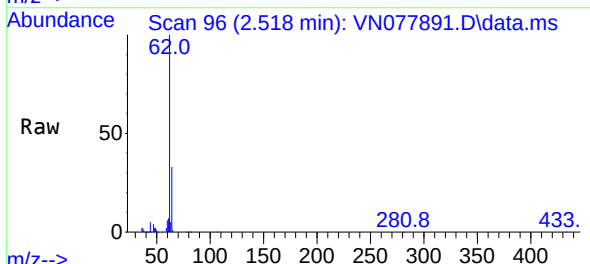
Instrument :
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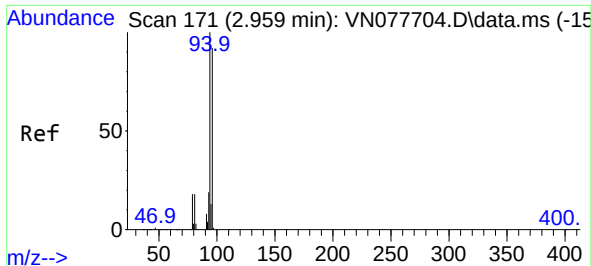
Tgt Ion: 50 Resp: 205234
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7



#4
Vinyl Chloride
Concen: 64.412 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 62 Resp: 198079
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.2

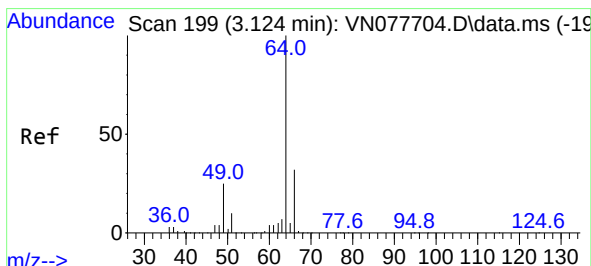
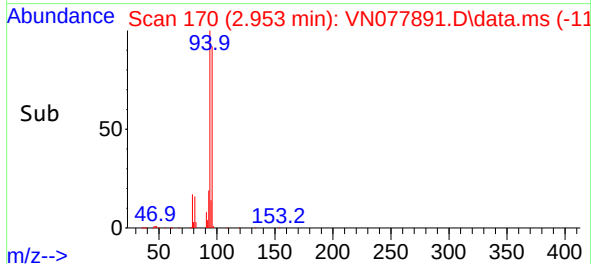
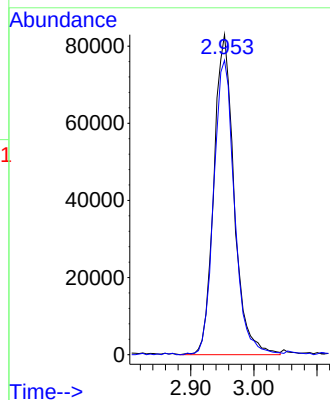
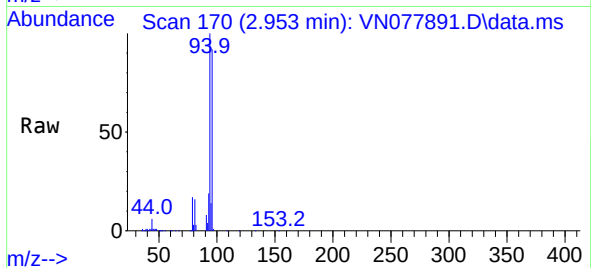




#5
Bromomethane
Concen: 81.270 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

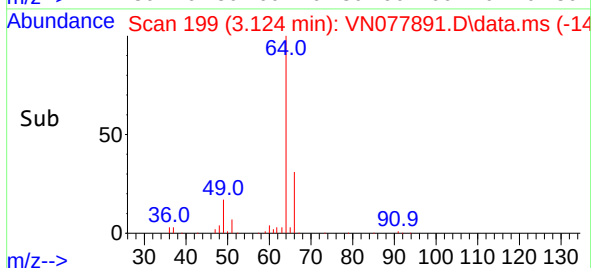
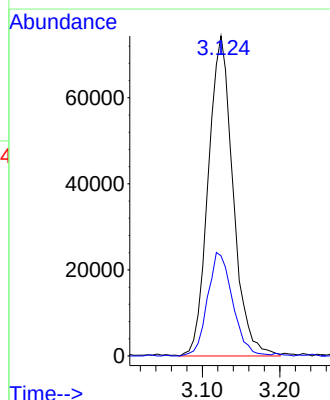
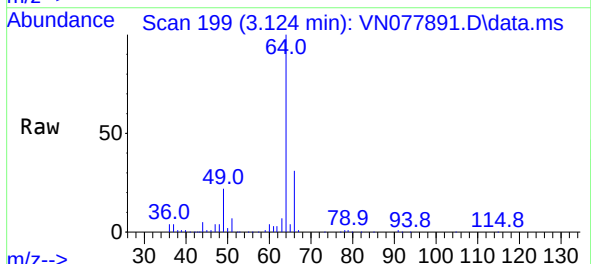
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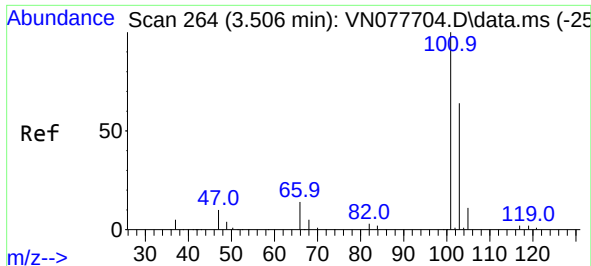
Tgt Ion: 94 Resp: 184840
Ion Ratio Lower Upper
94 100
96 92.0 73.1 109.7



#6
Chloroethane
Concen: 74.712 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 64 Resp: 165580
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2

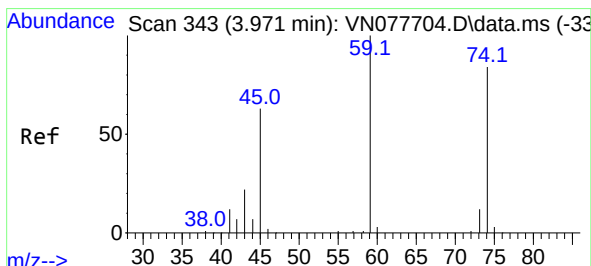
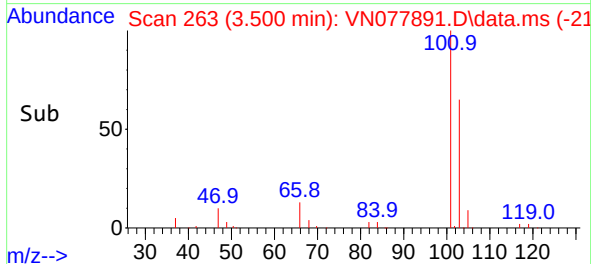
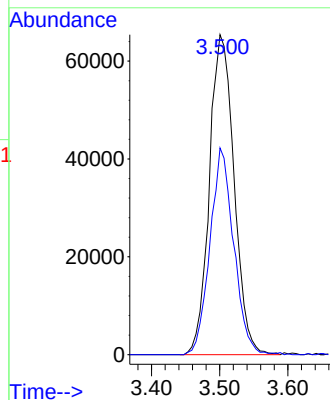
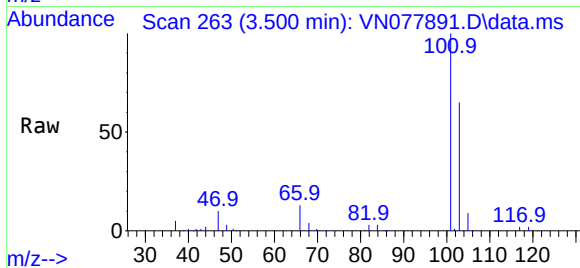




#7
 Trichlorofluoromethane
 Concen: 38.428 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN077891.D
 Acq: 25 May 2023 08:59

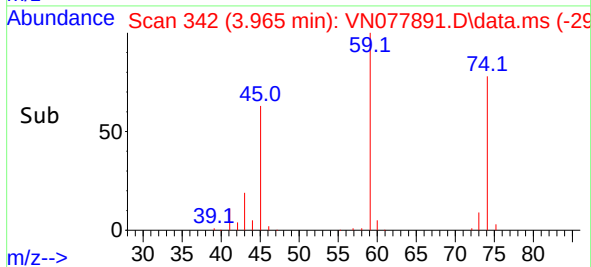
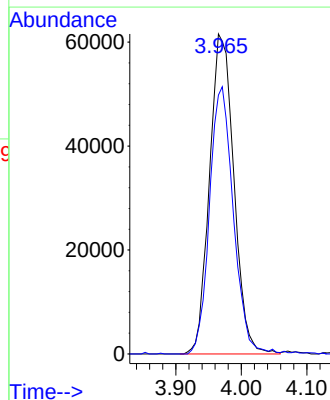
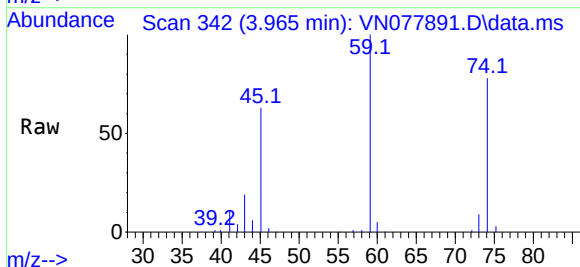
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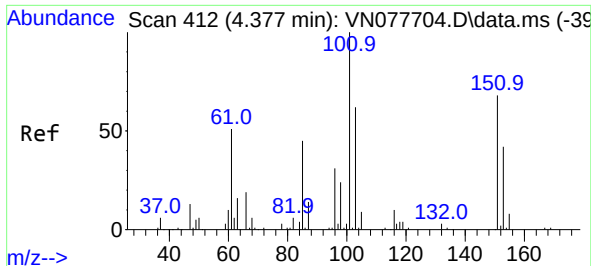
Tgt Ion:101 Resp: 164691
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 101.547 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN077891.D
 Acq: 25 May 2023 08:59

Tgt Ion: 74 Resp: 158878
 Ion Ratio Lower Upper
 74 100
 45 81.6 34.4 103.3

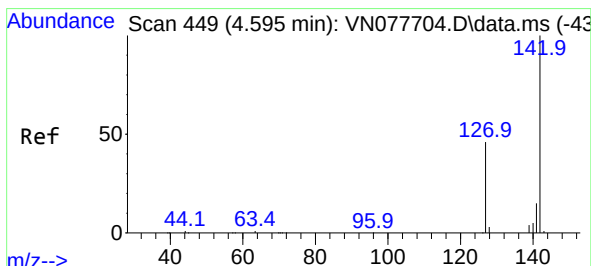
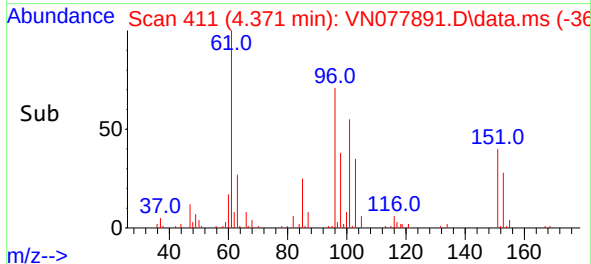
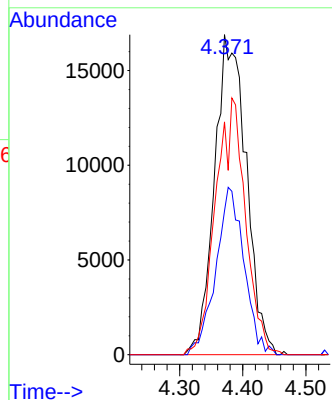
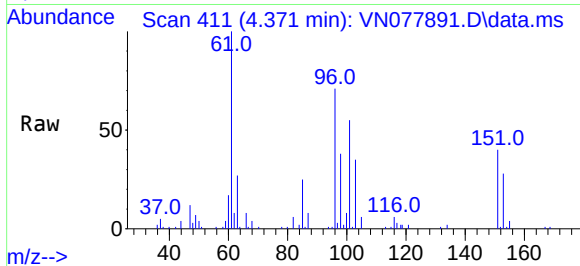




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.751 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN077891.D
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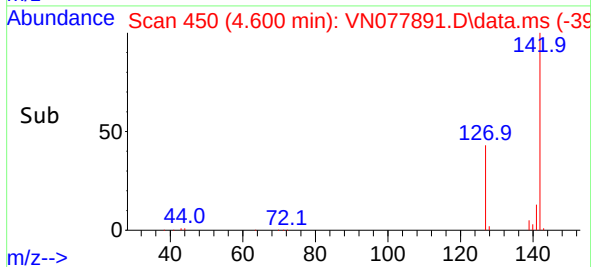
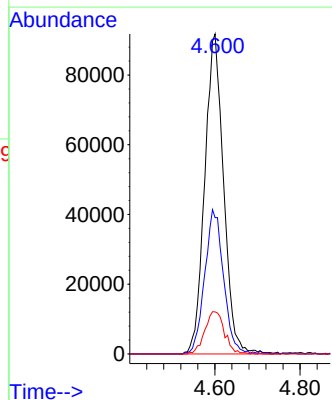
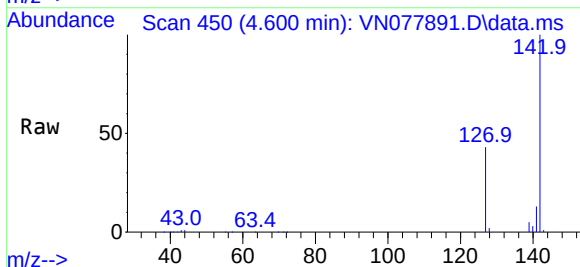
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

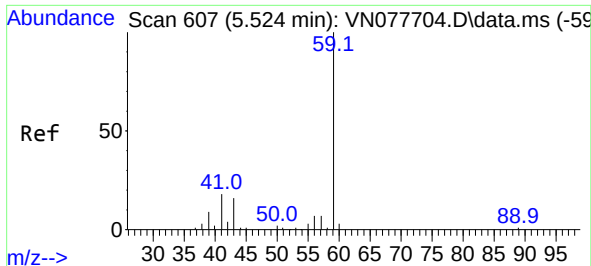
Tgt Ion:101 Resp: 58703
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 75.9 57.6 86.4



#10
Methyl Iodide
Concen: 100.042 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion:142 Resp: 282971
Ion Ratio Lower Upper
142 100
127 42.6 37.6 56.4
141 13.1 11.4 17.0

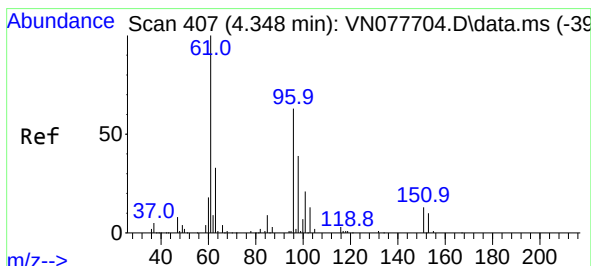
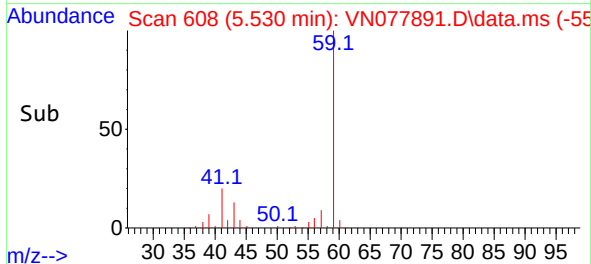
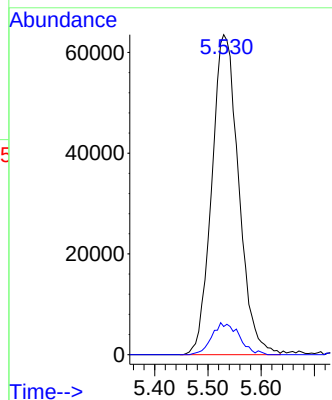
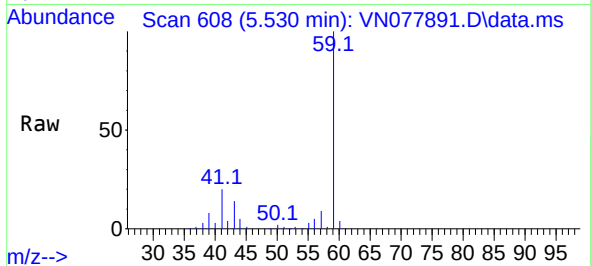




#11
Tert butyl alcohol
Concen: 502.852 ug/l
RT: 5.530 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

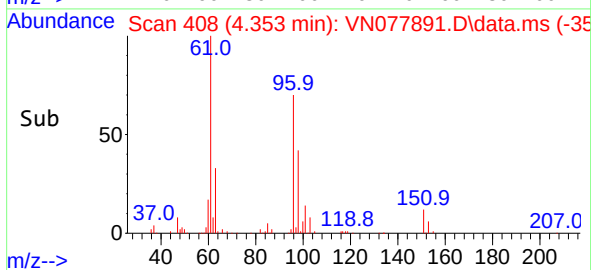
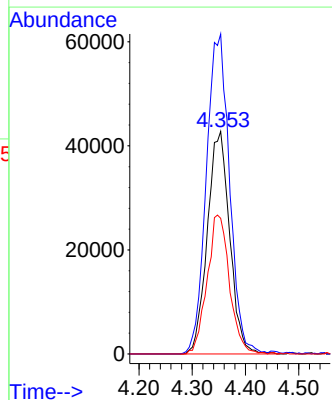
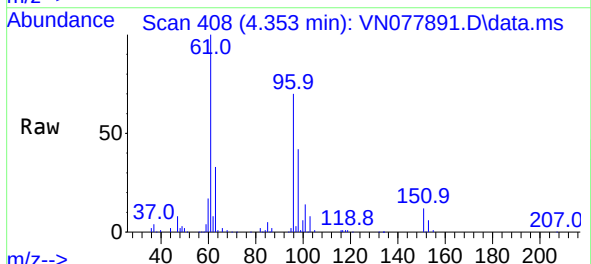
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

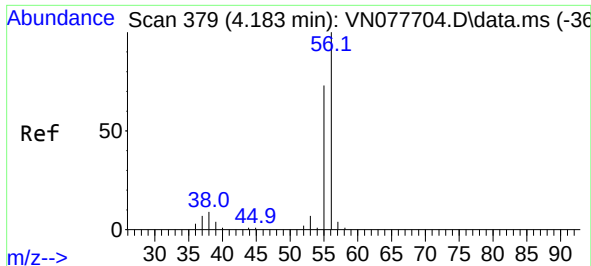
Tgt Ion: 59 Resp: 222547
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 55.206 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 96 Resp: 124446
Ion Ratio Lower Upper
96 100
61 143.8 112.7 169.1
98 61.0 51.2 76.8

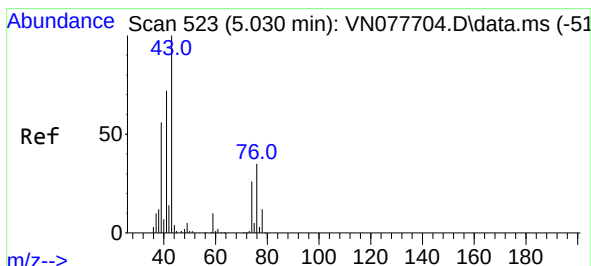
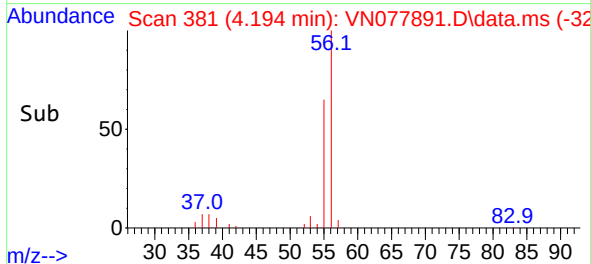
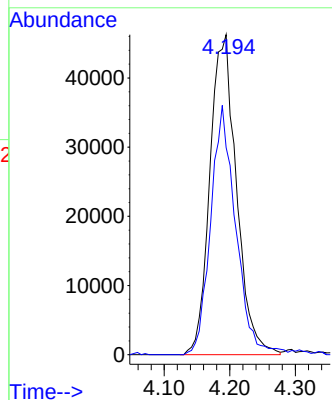
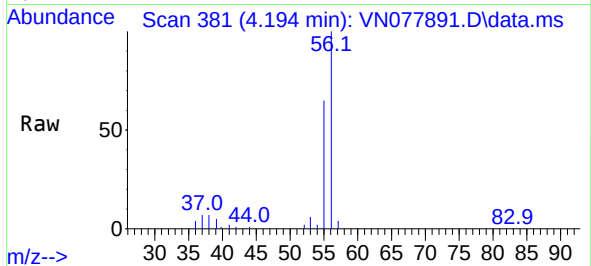




#13
Acrolein
Concen: 501.227 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

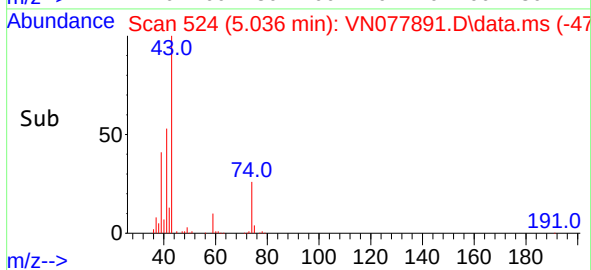
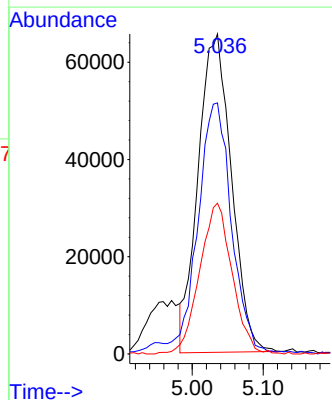
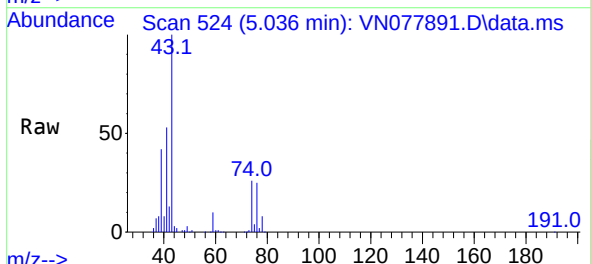
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

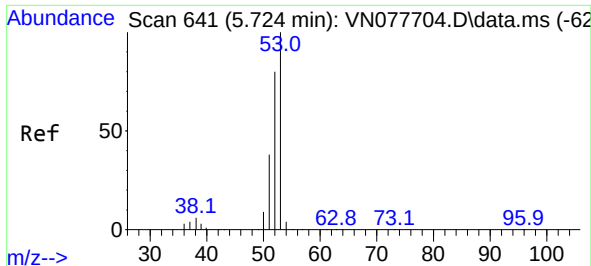
Tgt Ion: 56 Resp: 130053
Ion Ratio Lower Upper
56 100
55 73.3 54.5 81.7



#14
Allyl chloride
Concen: 64.293 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 41 Resp: 212906
Ion Ratio Lower Upper
41 100
39 78.4 58.8 88.2
76 46.4 39.1 58.7

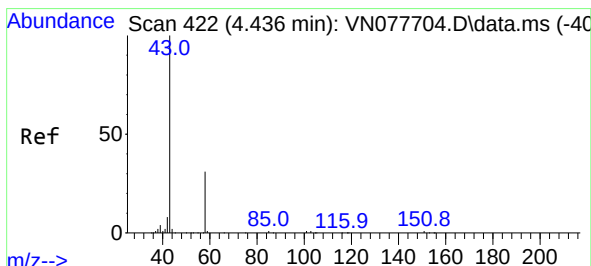
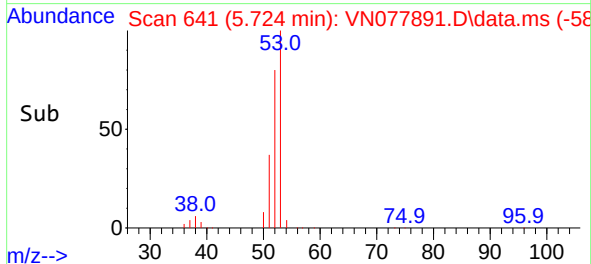
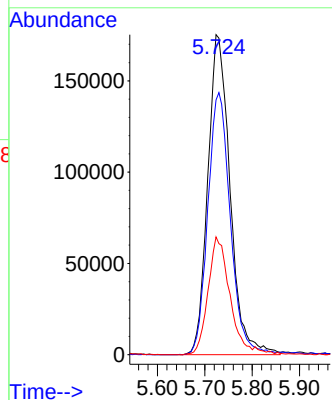
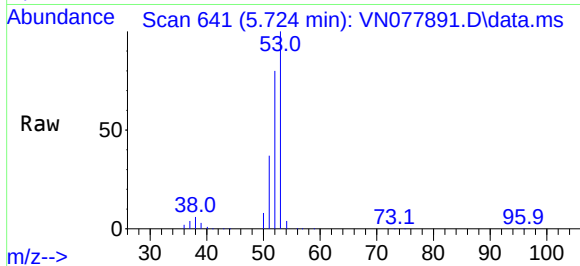




#15
Acrylonitrile
Concen: 484.286 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

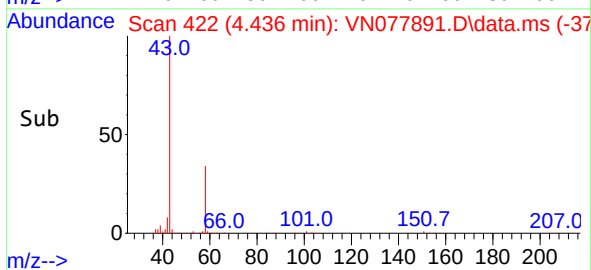
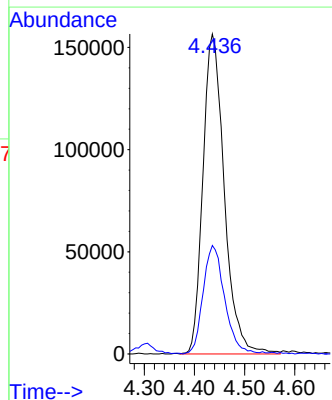
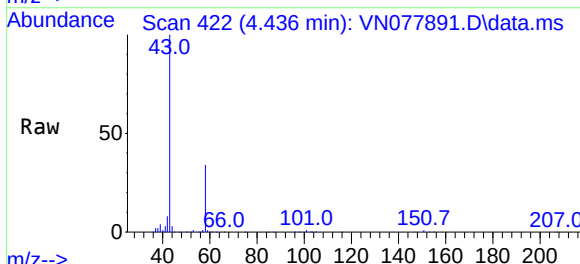
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

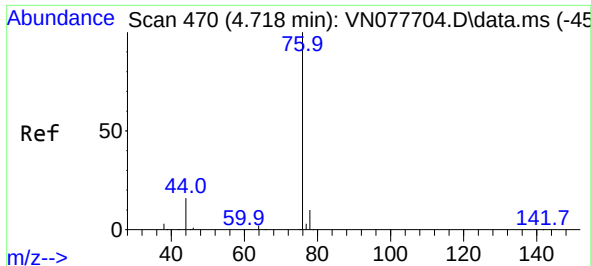
Tgt Ion: 53 Resp: 572610
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.7 28.9 43.3



#16
Acetone
Concen: 460.231 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 43 Resp: 464328
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0

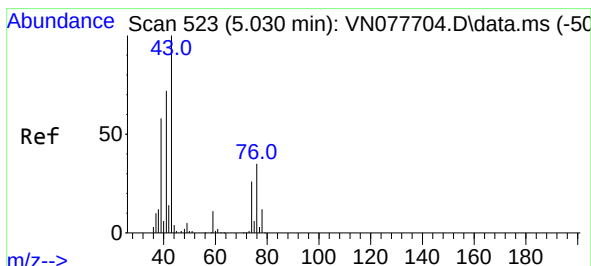
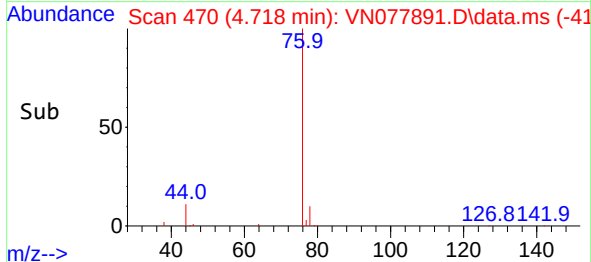
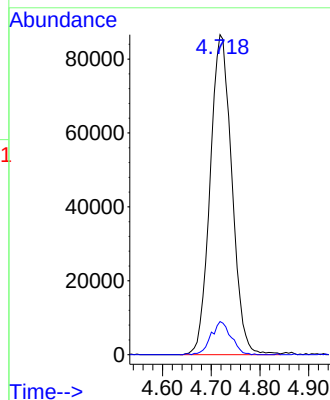
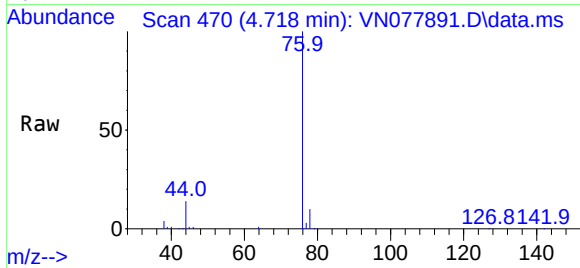




#17
Carbon Disulfide
Concen: 44.196 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

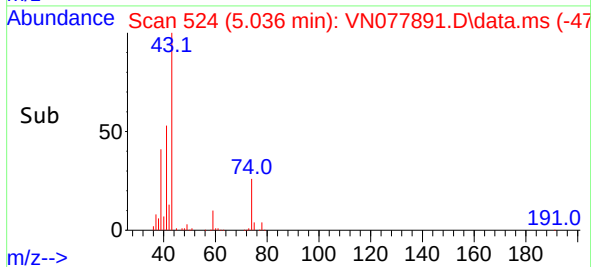
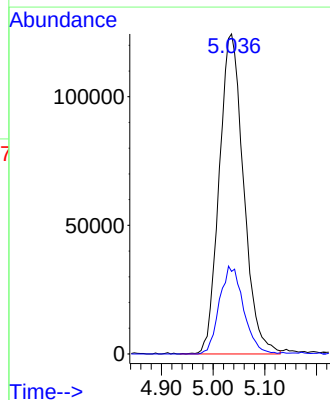
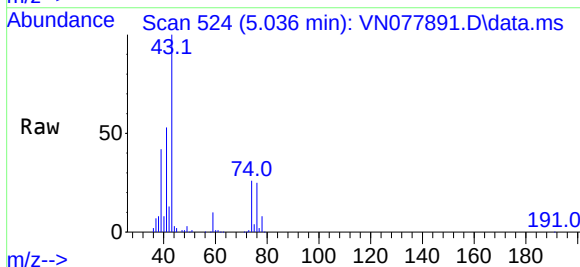
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

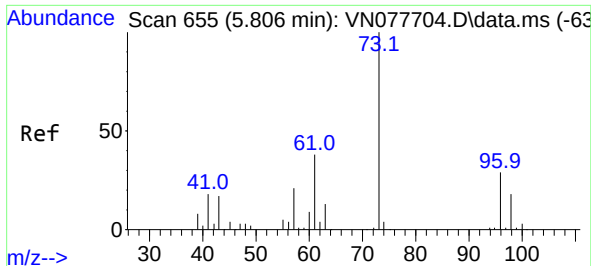
Tgt Ion: 76 Resp: 268434
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#18
Methyl Acetate
Concen: 96.208 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 43 Resp: 407201
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4

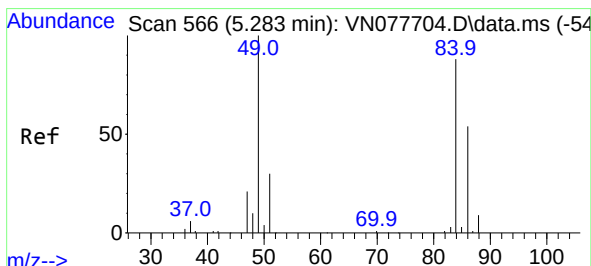
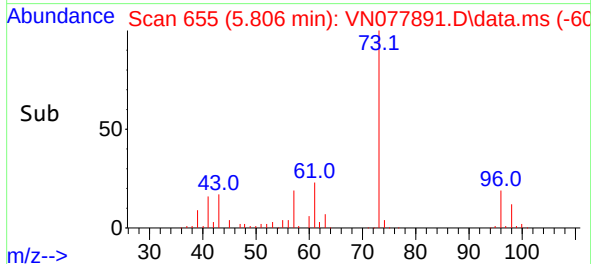
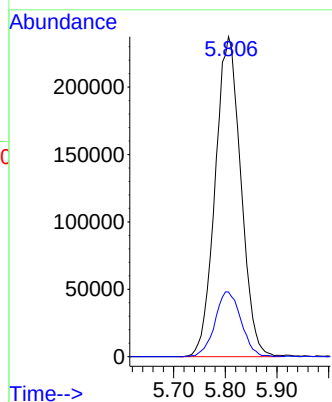
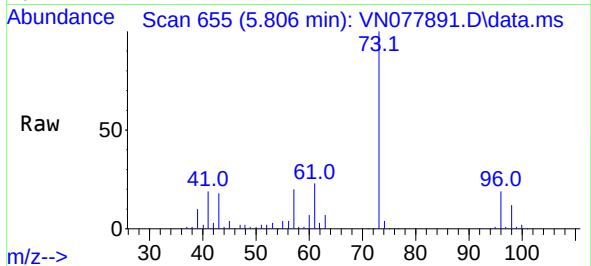




#19
Methyl tert-butyl Ether
Concen: 100.336 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

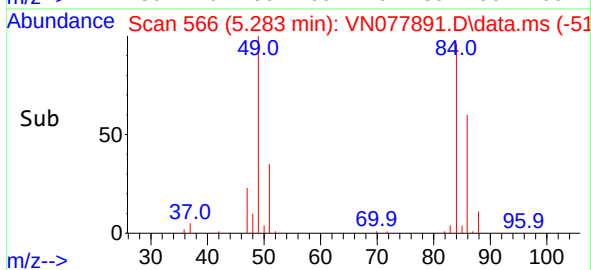
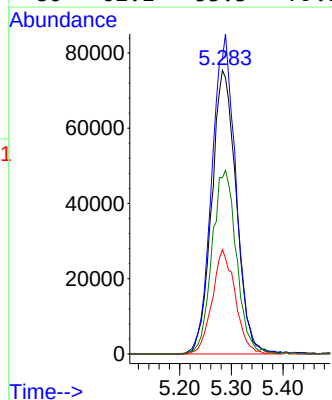
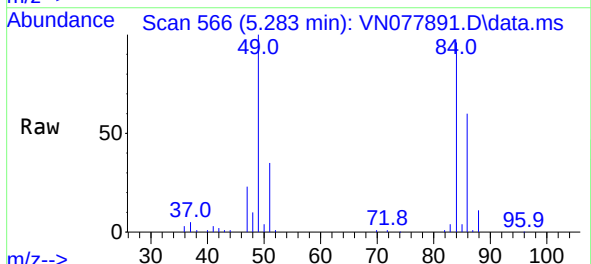
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

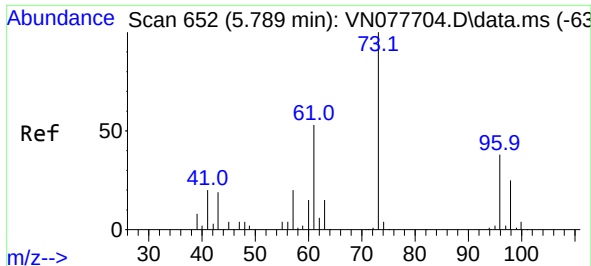
Tgt Ion: 73 Resp: 818670
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4



#20
Methylene Chloride
Concen: 96.158 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 84 Resp: 247718
Ion Ratio Lower Upper
84 100
49 104.1 79.7 119.5
51 36.8 25.2 37.8
86 62.1 53.3 79.9

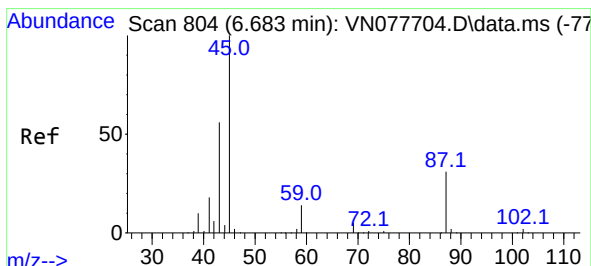
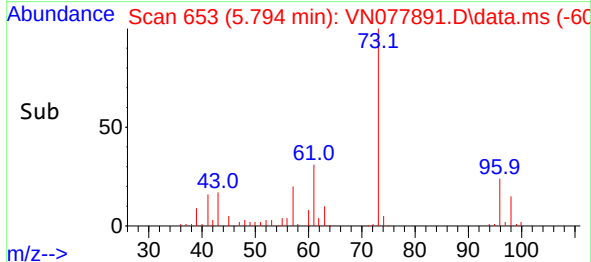
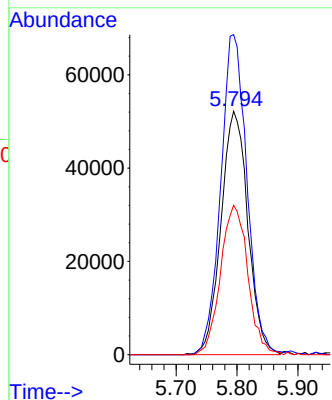
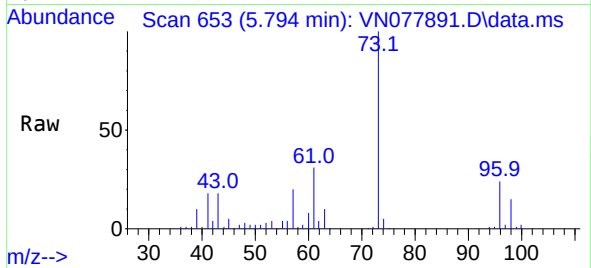




#21
trans-1,2-Dichloroethene
Concen: 63.213 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

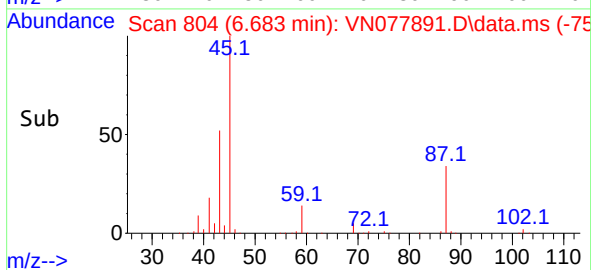
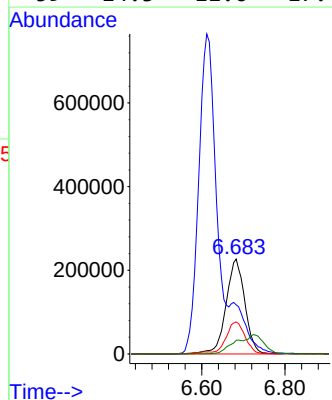
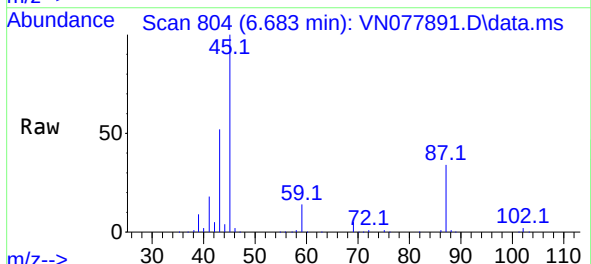
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

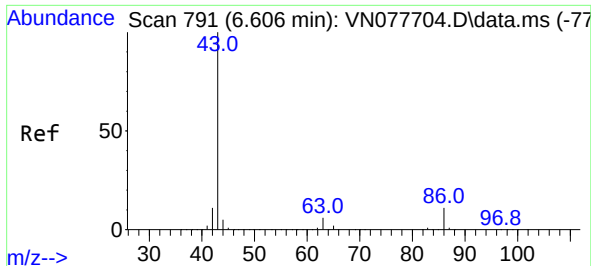
Tgt Ion: 96 Resp: 160062
Ion Ratio Lower Upper
96 100
61 131.4 90.1 135.1
98 61.4 46.4 69.6



#22
Diisopropyl ether
Concen: 91.588 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 45 Resp: 710903
Ion Ratio Lower Upper
45 100
43 51.2 45.5 68.3
87 33.6 31.8 47.8
59 14.3 11.6 17.4

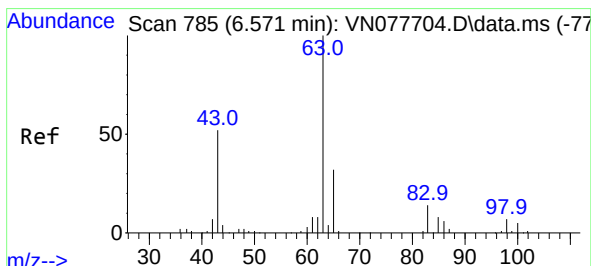
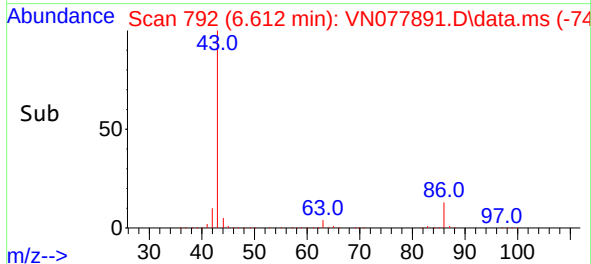
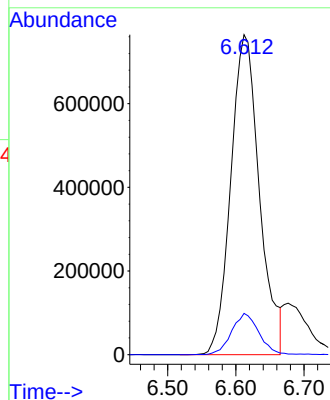
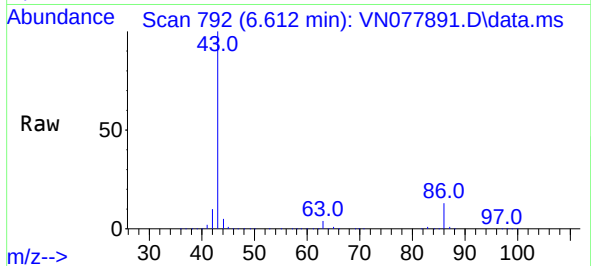




#23
 Vinyl Acetate
 Concen: 464.786 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077891.D
 Acq: 25 May 2023 08:59

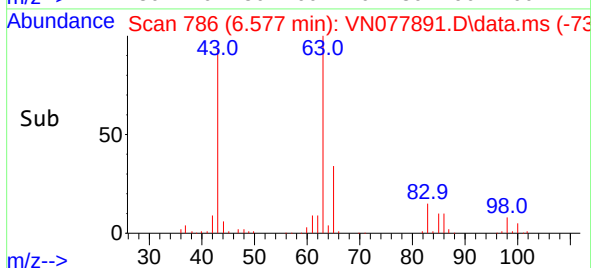
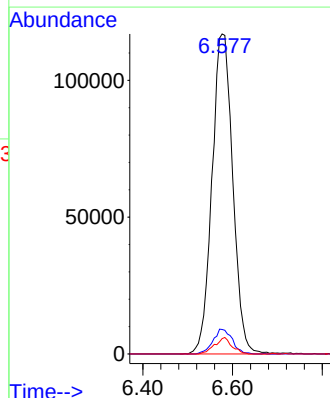
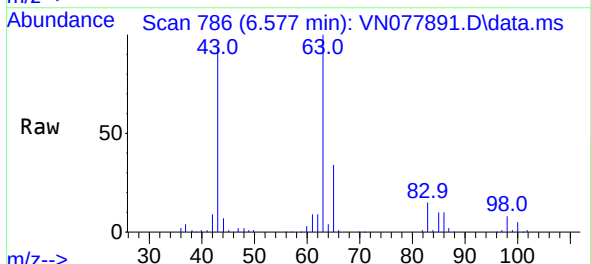
Instrument :
 MSVOA_N
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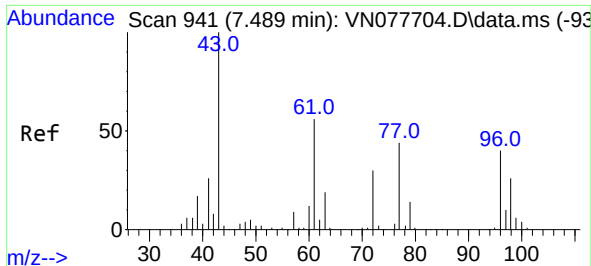
Tgt Ion: 43 Resp: 2235227
 Ion Ratio Lower Upper
 43 100
 86 12.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 78.985 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077891.D
 Acq: 25 May 2023 08:59

Tgt Ion: 63 Resp: 375599
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.8 2.5 7.4

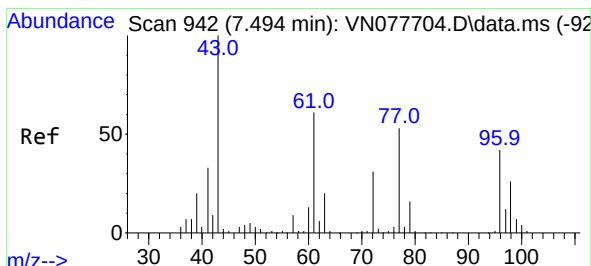
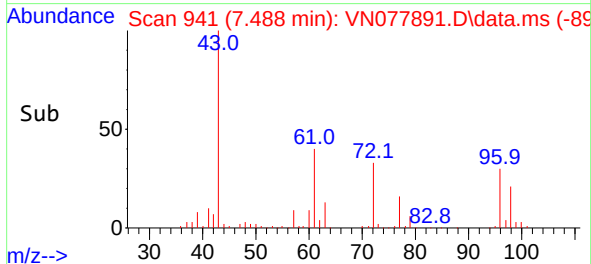
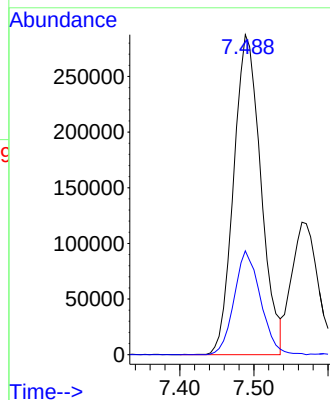
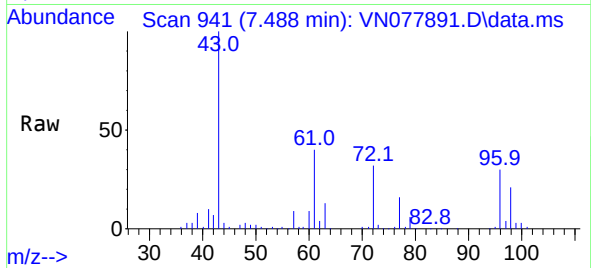




#25
2-Butanone
Concen: 465.243 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

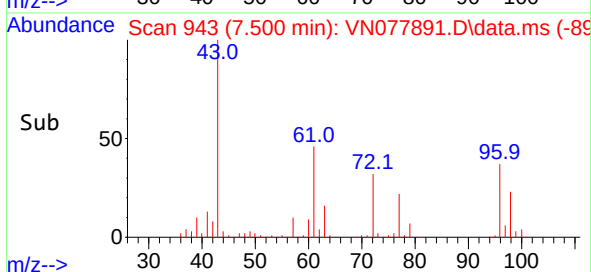
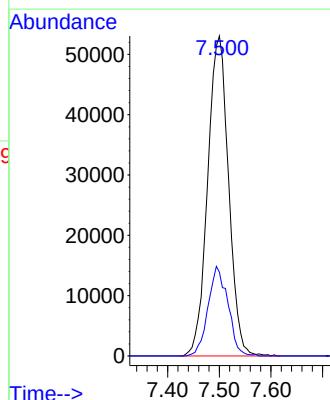
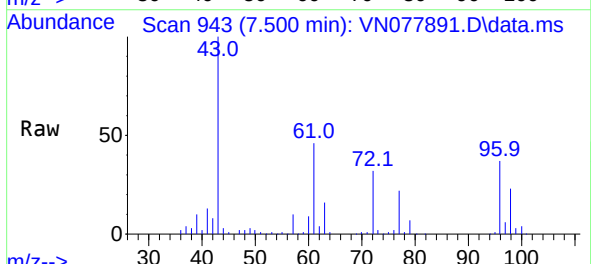
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

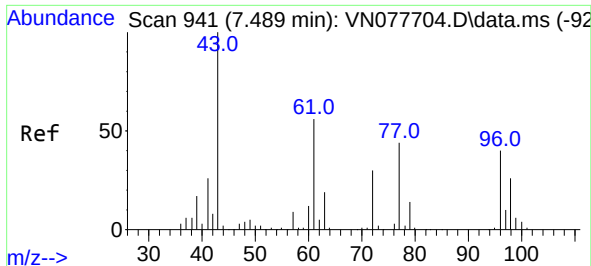
Tgt Ion: 43 Resp: 734260
Ion Ratio Lower Upper
43 100
72 32.5 30.2 45.2



#26
2,2-Dichloropropane
Concen: 36.925 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 77 Resp: 149179
Ion Ratio Lower Upper
77 100
97 26.7 11.2 33.6

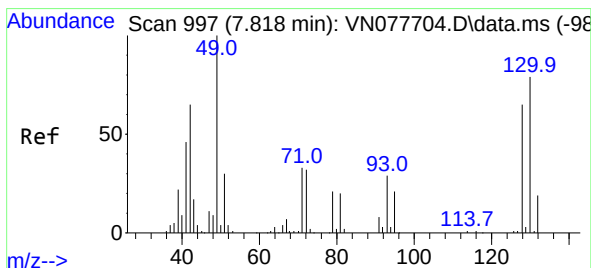
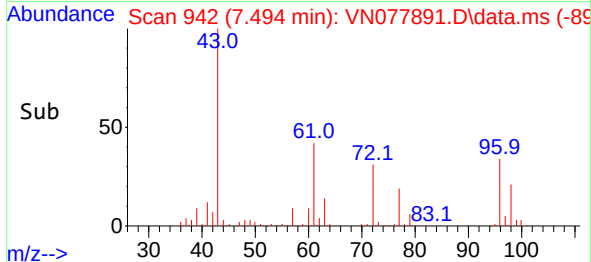
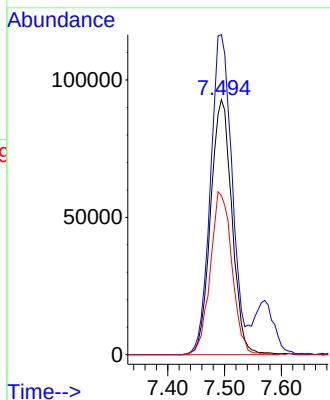
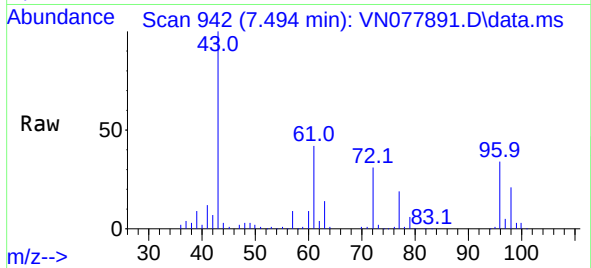




#27
cis-1,2-Dichloroethene
Concen: 79.999 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

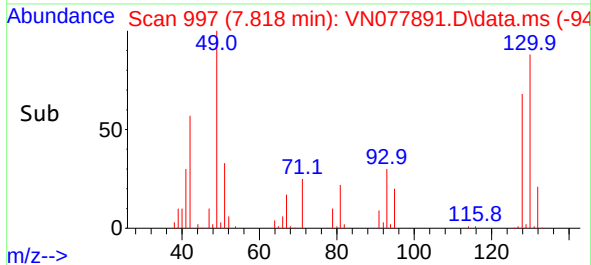
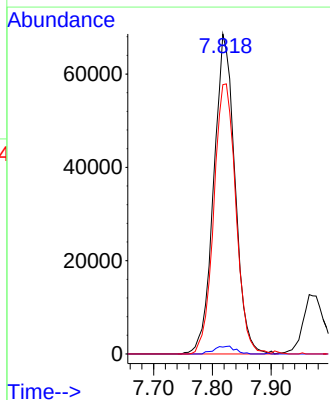
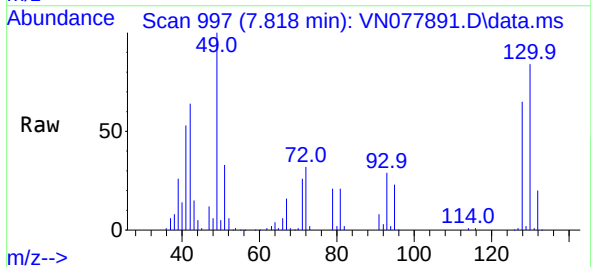
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

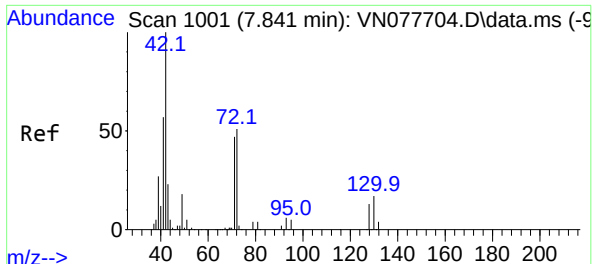
Tgt Ion: 96 Resp: 242887
Ion Ratio Lower Upper
96 100
61 128.9 0.0 255.2
98 64.6 0.0 128.8



#28
Bromochloromethane
Concen: 83.549 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 49 Resp: 171826
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 87.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 472.909 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077891.D

Acq: 25 May 2023 08:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

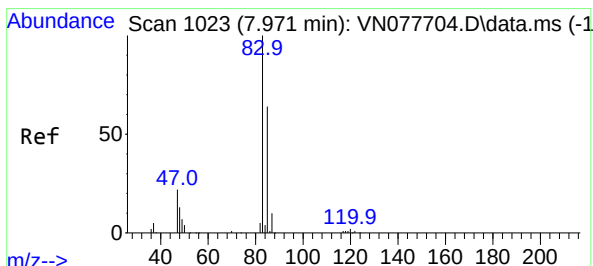
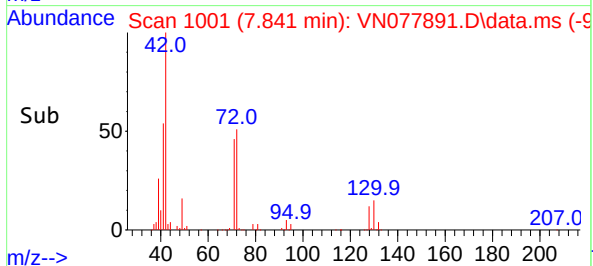
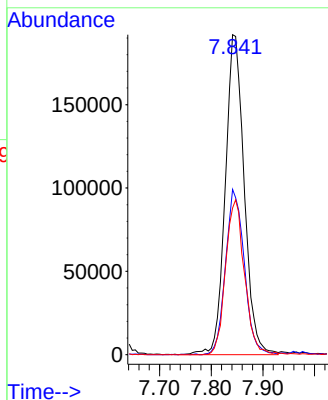
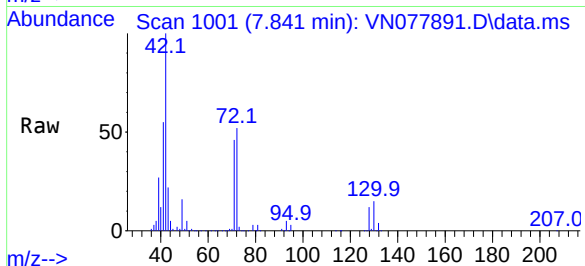
Tgt Ion: 42 Resp: 488710

Ion Ratio Lower Upper

42 100

72 51.2 49.8 74.6

71 48.1 47.4 71.2



#30

Chloroform

Concen: 78.494 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077891.D

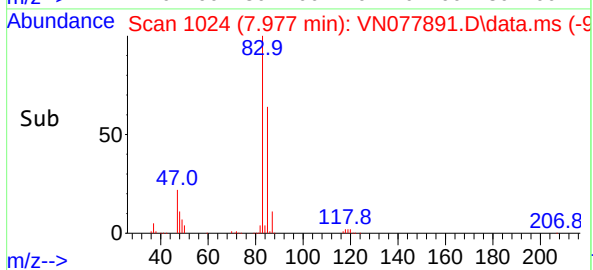
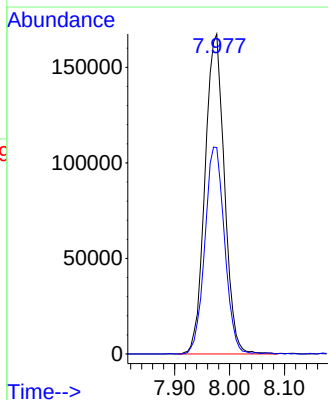
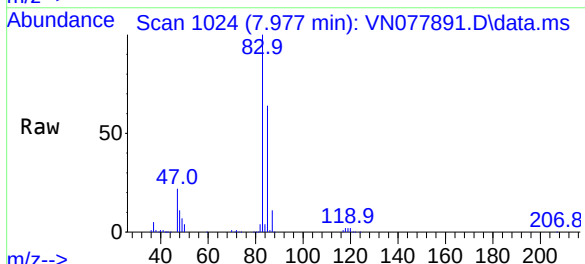
Acq: 25 May 2023 08:59

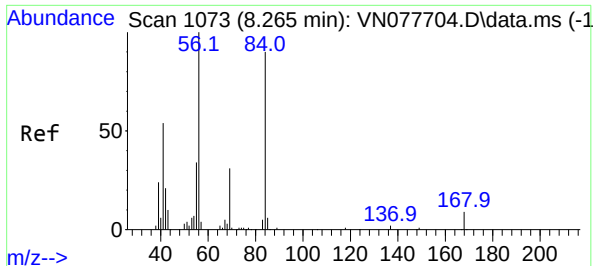
Tgt Ion: 83 Resp: 410605

Ion Ratio Lower Upper

83 100

85 64.5 55.4 83.0

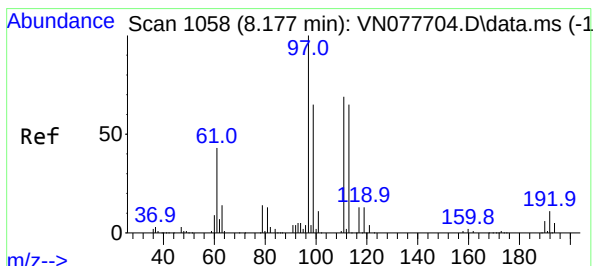
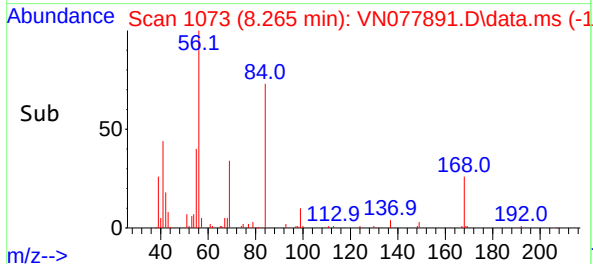
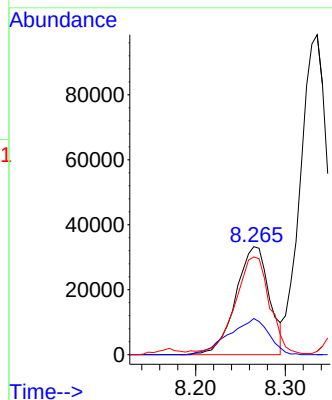
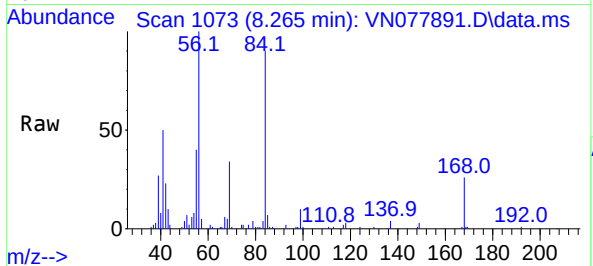




#31
Cyclohexane
Concen: 19.836 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

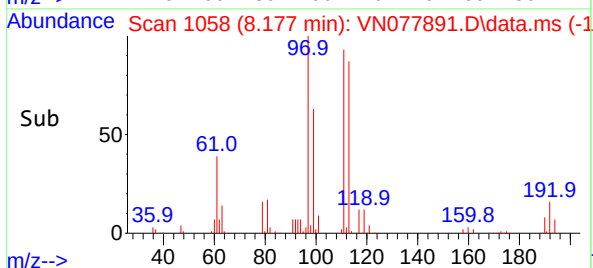
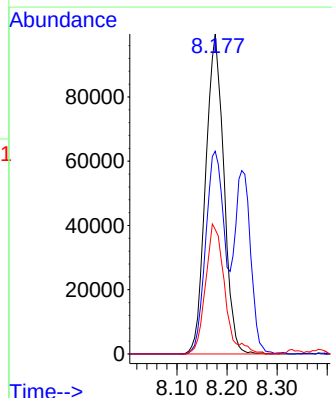
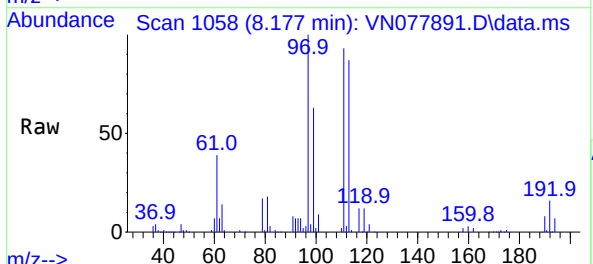
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

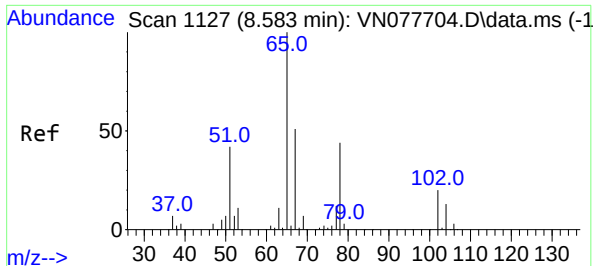
Tgt Ion:	56	Resp:	86455
Ion Ratio	Lower	Upper	
56	100		
69	33.6	26.8	40.2
84	87.2	81.8	122.6



#32
1,1,1-Trichloroethane
Concen: 56.443 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion:	97	Resp:	251024
Ion Ratio	Lower	Upper	
97	100		
99	65.8	50.3	75.5
61	42.7	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 84.001 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077891.D

Acq: 25 May 2023 08:59

Instrument :

MSVOA_N

ClientSampleId :

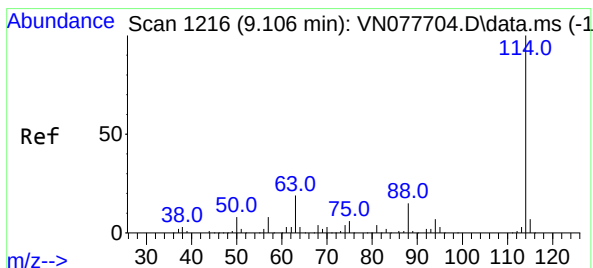
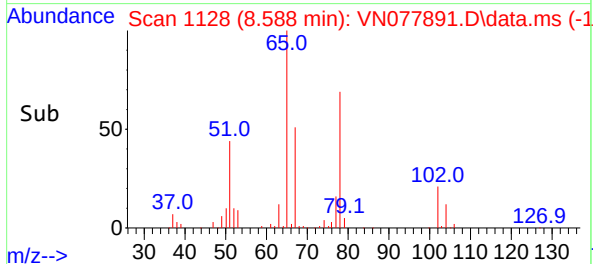
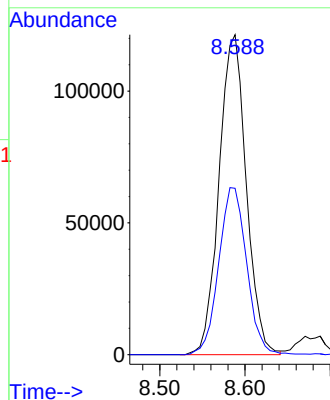
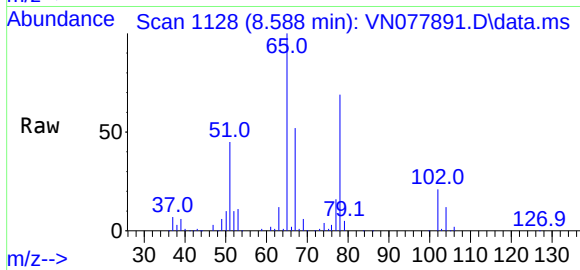
VSTDCCC050EC

Tgt Ion: 65 Resp: 269374

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077891.D

Acq: 25 May 2023 08:59

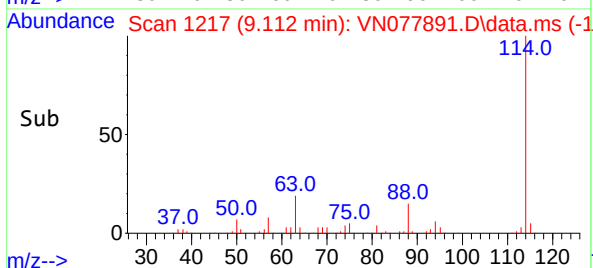
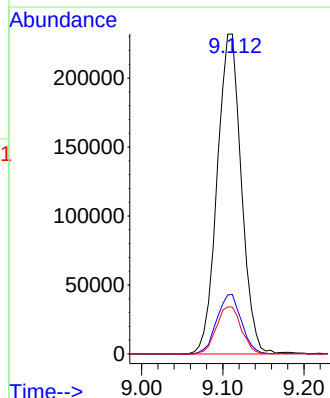
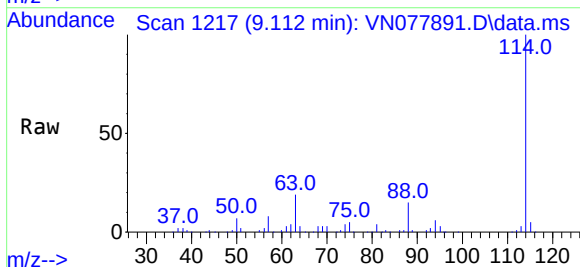
Tgt Ion: 114 Resp: 480092

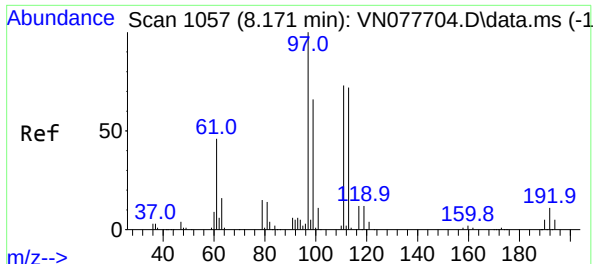
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 14.6 0.0 30.6

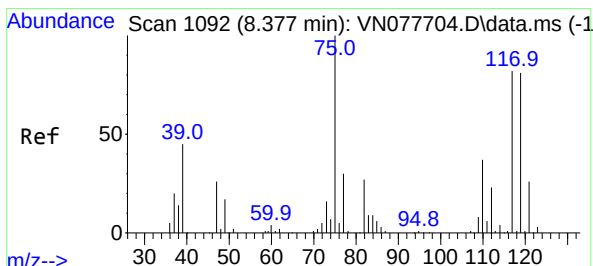
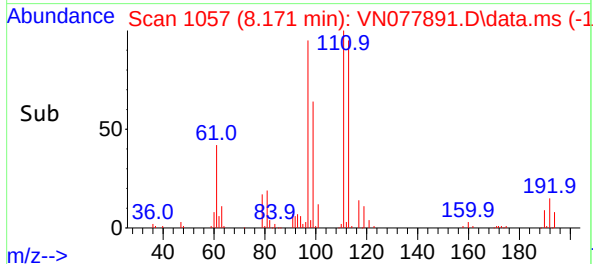
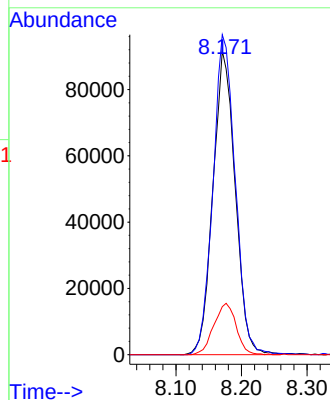
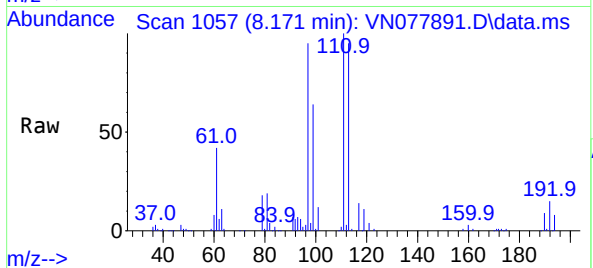




#35
Dibromofluoromethane
Concen: 68.720 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

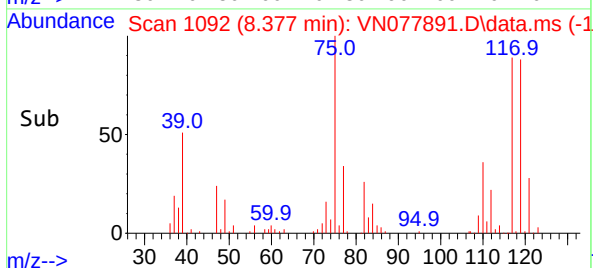
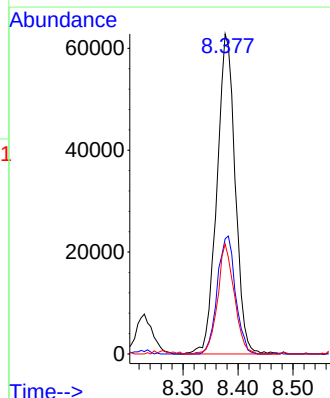
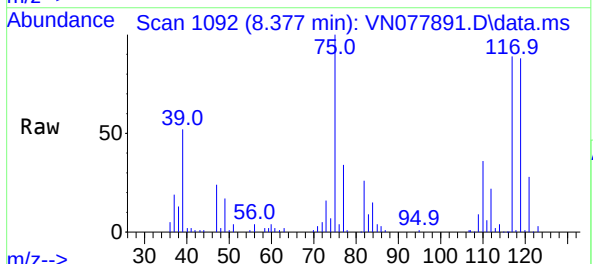
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

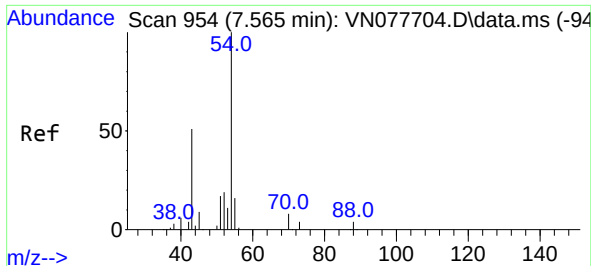
Tgt Ion:113 Resp: 215136
Ion Ratio Lower Upper
113 100
111 105.7 82.6 123.8
192 17.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 31.731 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 75 Resp: 145297
Ion Ratio Lower Upper
75 100
110 36.4 19.1 57.3
77 31.3 25.0 37.4

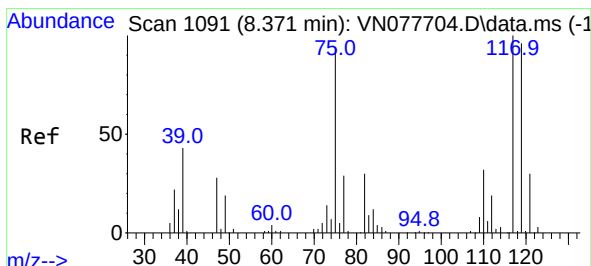
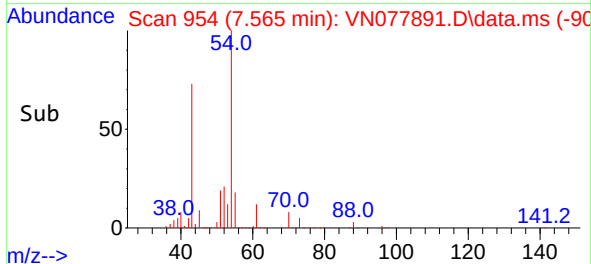
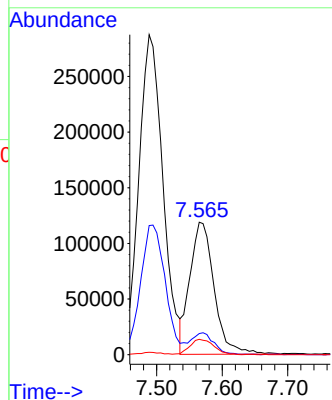
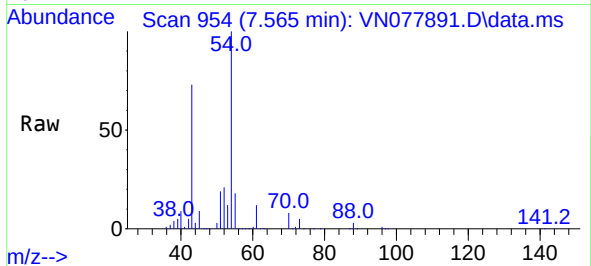




#37
Ethyl Acetate
Concen: 74.787 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

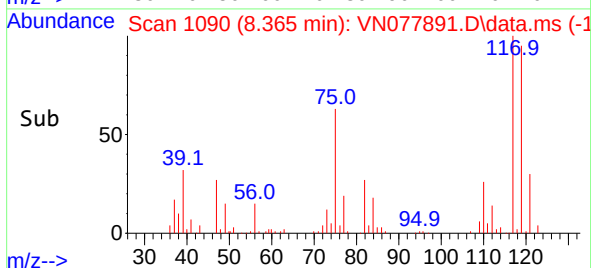
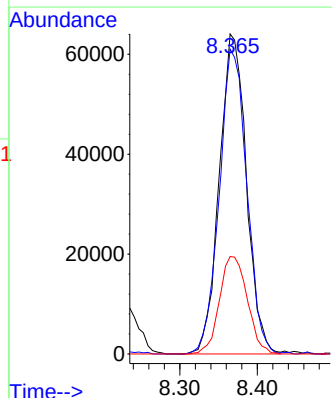
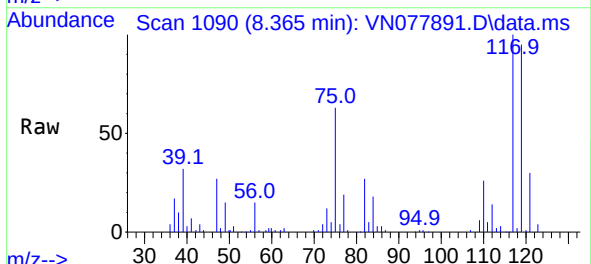
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

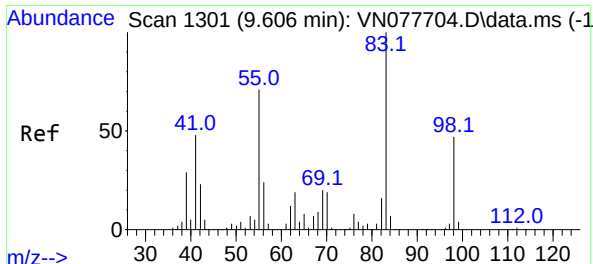
Tgt Ion: 43 Resp: 305230
Ion Ratio Lower Upper
43 100
61 14.1 13.2 19.8
70 11.6 11.3 16.9



#38
Carbon Tetrachloride
Concen: 33.671 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 117 Resp: 155690
Ion Ratio Lower Upper
117 100
119 95.2 77.3 115.9
121 30.5 23.3 34.9

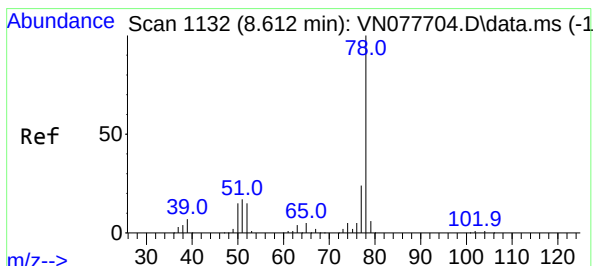
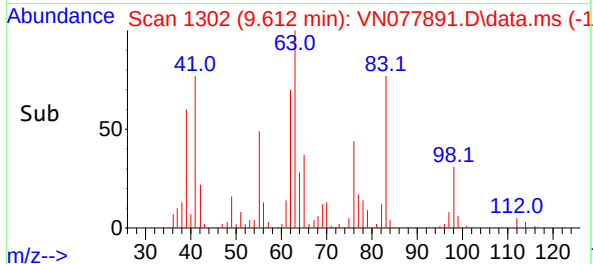
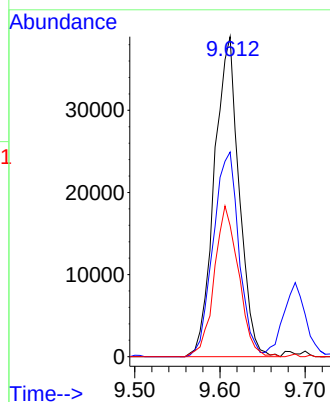
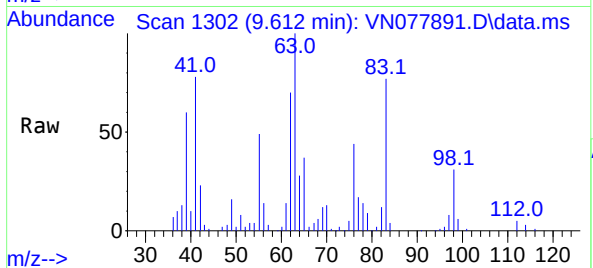




#39
Methylcyclohexane
Concen: 14.002 ug/l
RT: 9.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

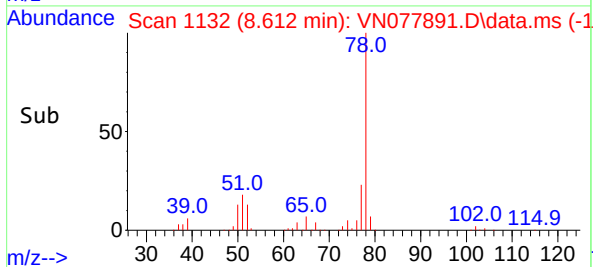
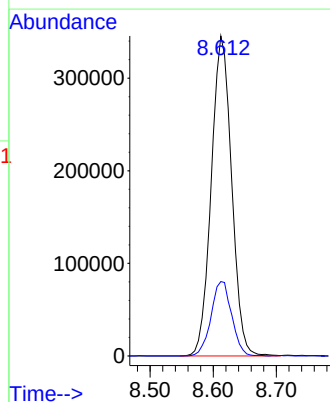
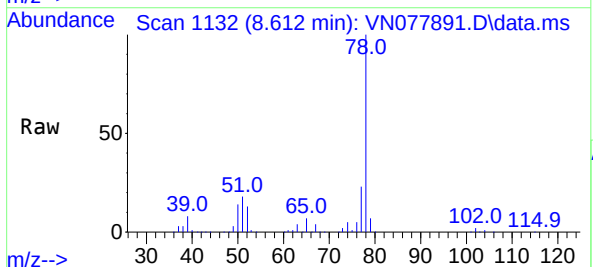
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

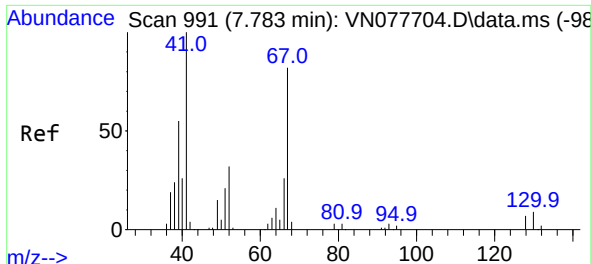
Tgt Ion: 83 Resp: 78496
Ion Ratio Lower Upper
83 100
55 63.9 49.1 73.7
98 41.0 40.6 61.0



#40
Benzene
Concen: 57.272 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 78 Resp: 773894
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6



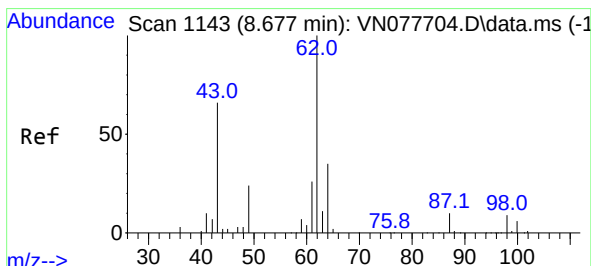
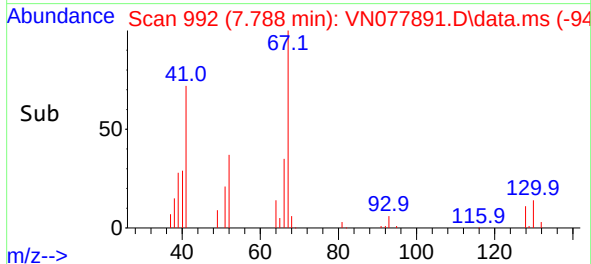
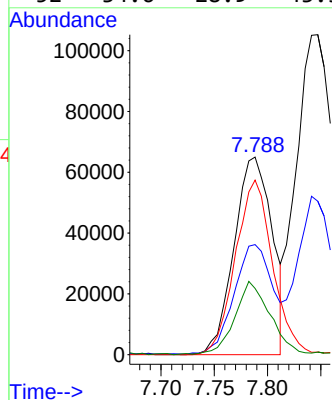
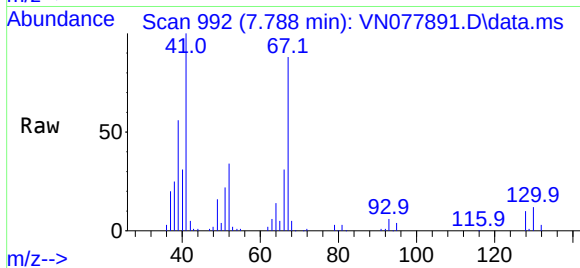


#41
Methacrylonitrile
Concen: 74.210 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 161299

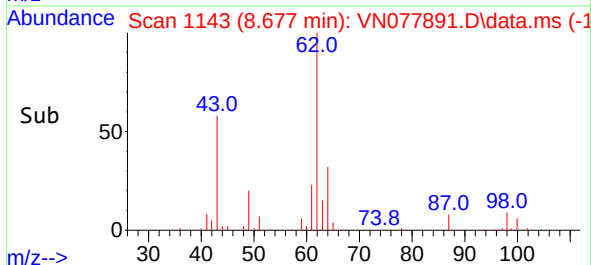
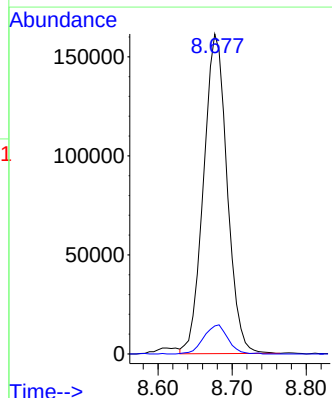
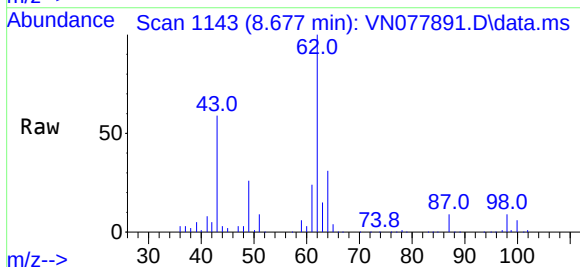
Ion	Ratio	Lower	Upper
41	100		
39	56.1	42.6	64.0
67	87.4	77.5	116.3
52	34.6	28.9	43.3

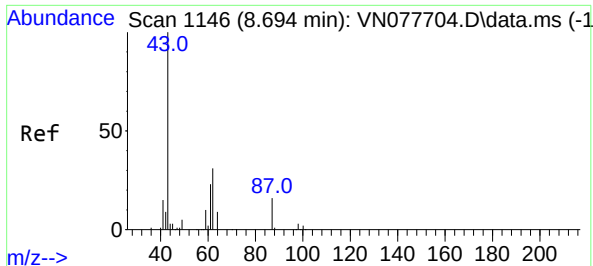


#42
1,2-Dichloroethane
Concen: 72.607 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 62 Resp: 356394

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8

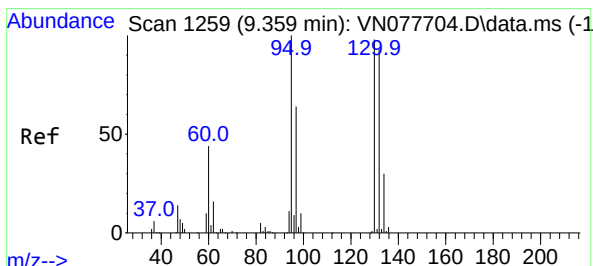
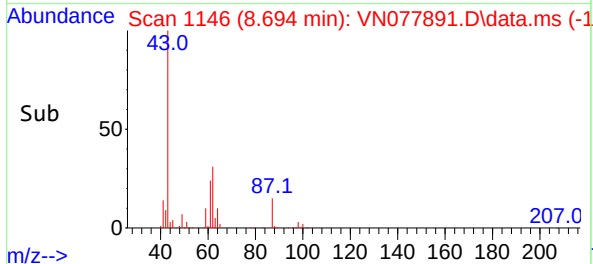
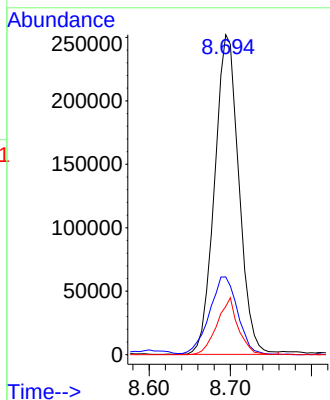
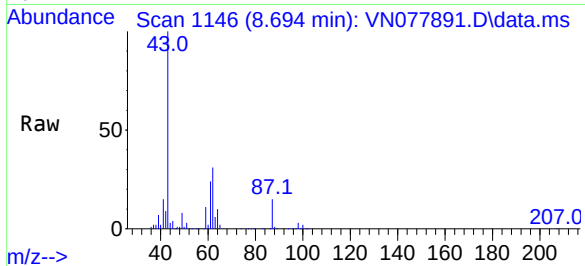




#43
Isopropyl Acetate
Concen: 78.517 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

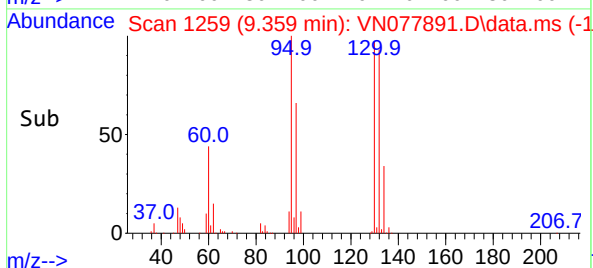
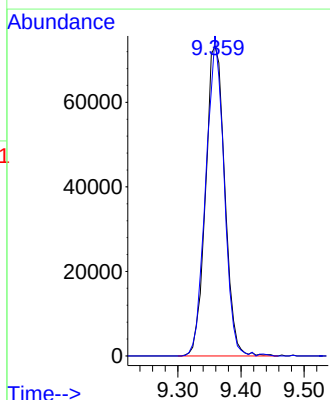
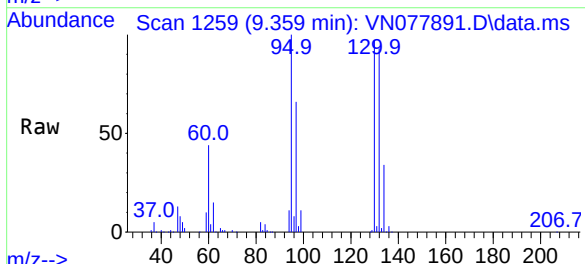
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

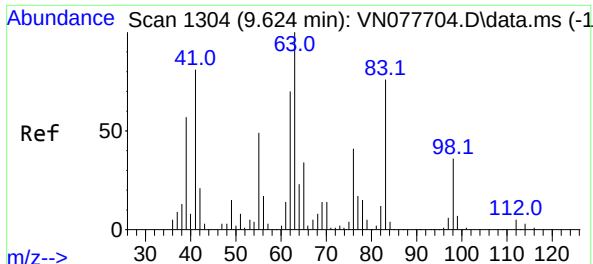
Tgt Ion: 43 Resp: 523426
Ion Ratio Lower Upper
43 100
61 28.2 24.7 37.1
87 15.5 14.6 21.8



#44
Trichloroethene
Concen: 45.258 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion:130 Resp: 154851
Ion Ratio Lower Upper
130 100
95 103.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 65.901 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077891.D

Acq: 25 May 2023 08:59

Instrument :

MSVOA_N

ClientSampleId :

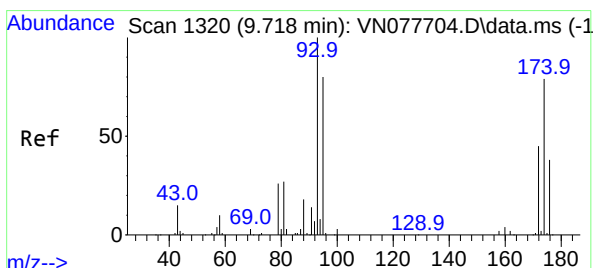
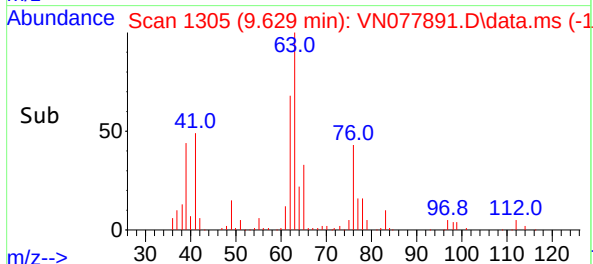
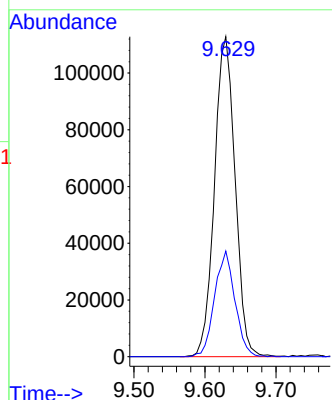
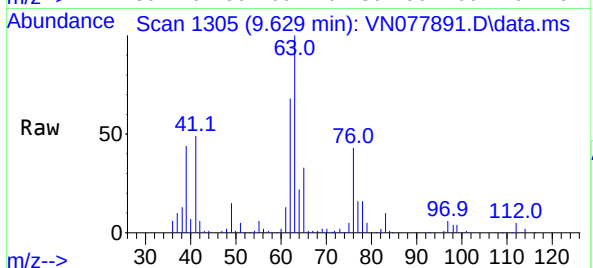
VSTDCCC050EC

Tgt Ion: 63 Resp: 227139

Ion Ratio Lower Upper

63 100

65 33.0 23.9 35.9



#46

Dibromomethane

Concen: 74.862 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077891.D

Acq: 25 May 2023 08:59

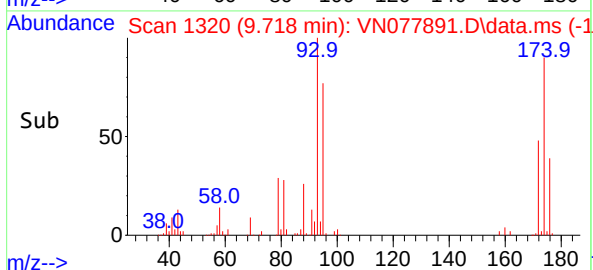
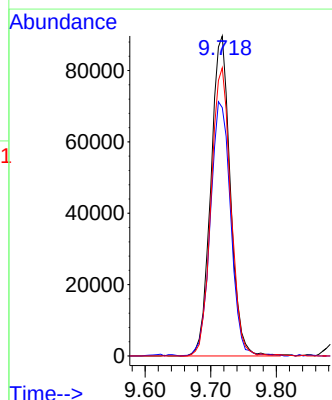
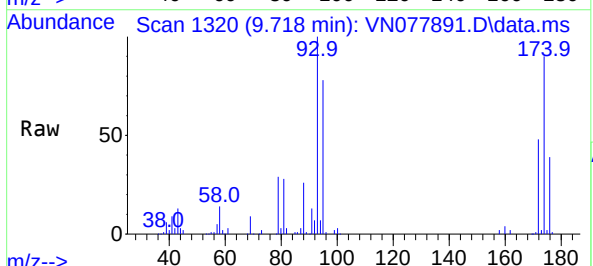
Tgt Ion: 93 Resp: 184633

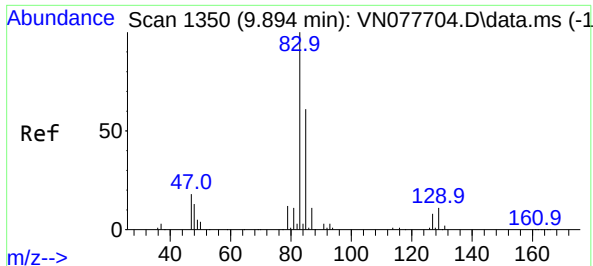
Ion Ratio Lower Upper

93 100

95 82.6 63.8 95.8

174 90.6 65.6 98.4

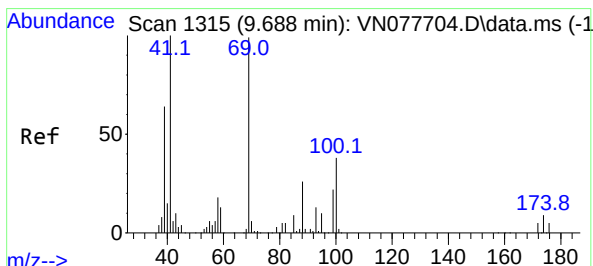
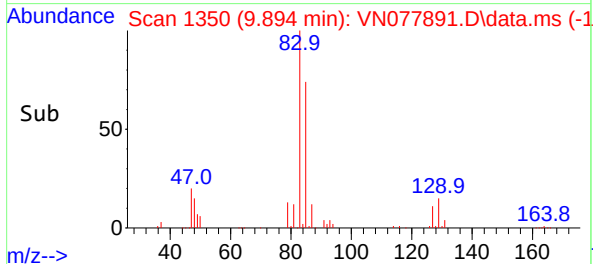
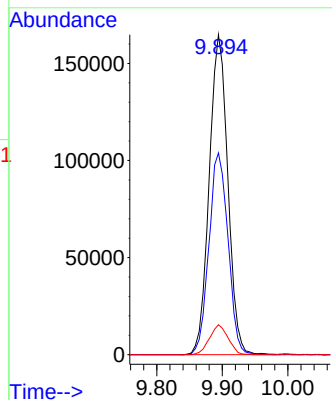
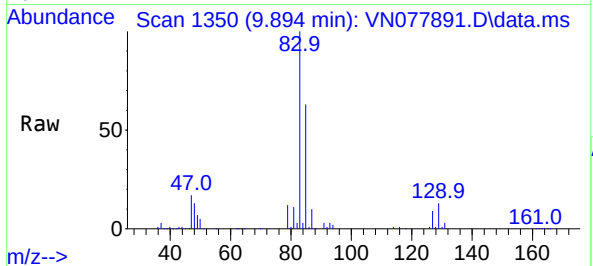




#47
Bromodichloromethane
Concen: 68.785 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

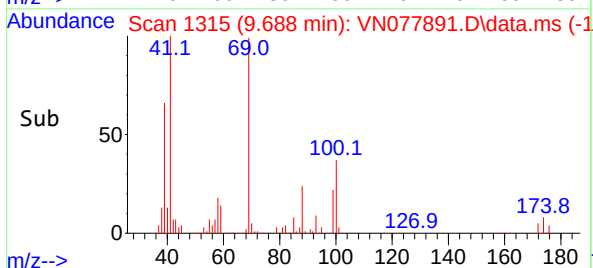
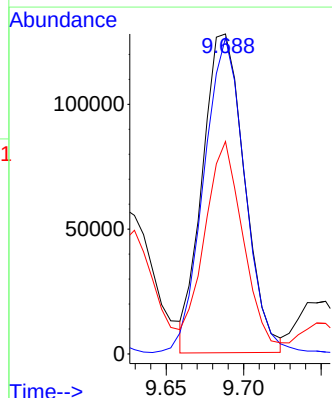
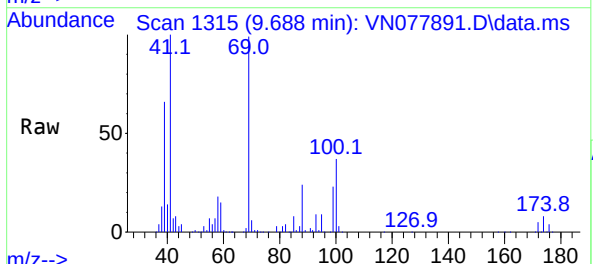
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

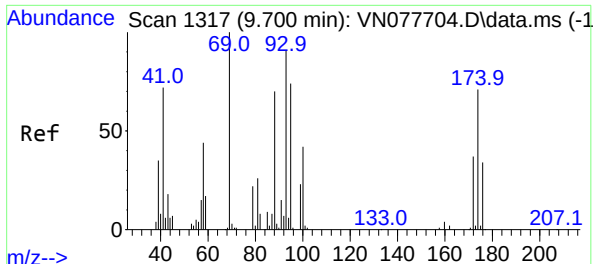
Tgt Ion: 83 Resp: 324787
Ion Ratio Lower Upper
83 100
85 63.1 49.6 74.4
127 9.4 7.0 10.6



#48
Methyl methacrylate
Concen: 76.256 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 41 Resp: 241022
Ion Ratio Lower Upper
41 100
69 97.6 90.4 135.6
39 62.6 54.6 81.8

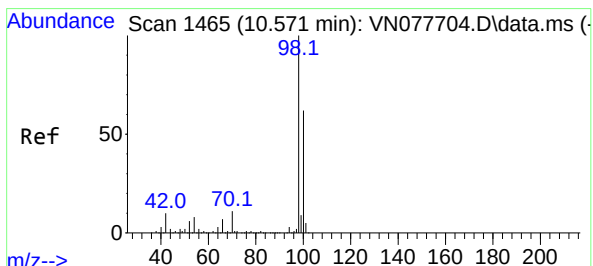
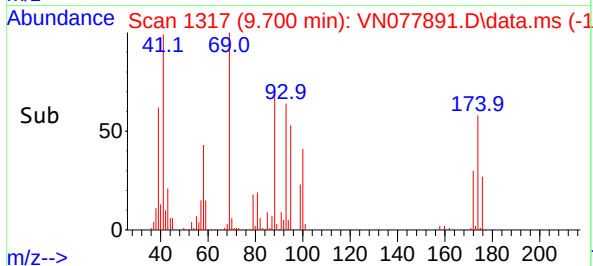
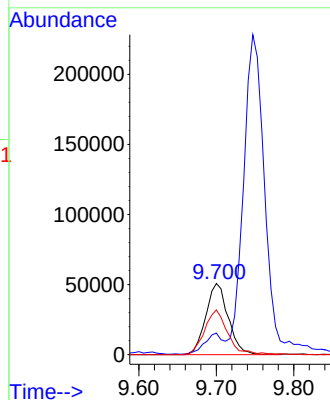
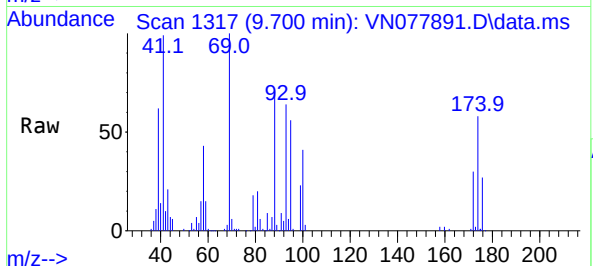




#49
1,4-Dioxane
Concen: 1711.969 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

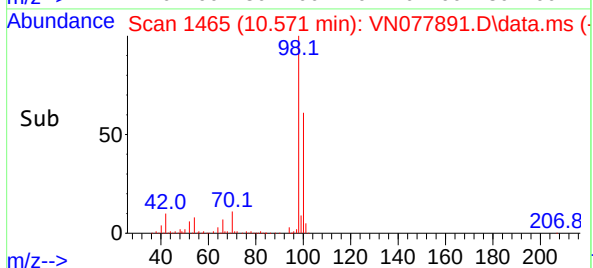
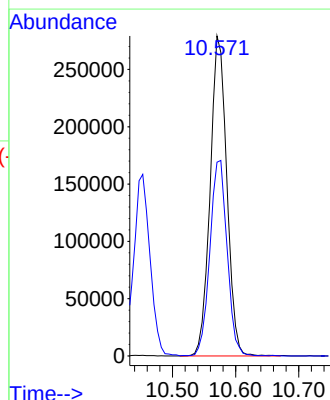
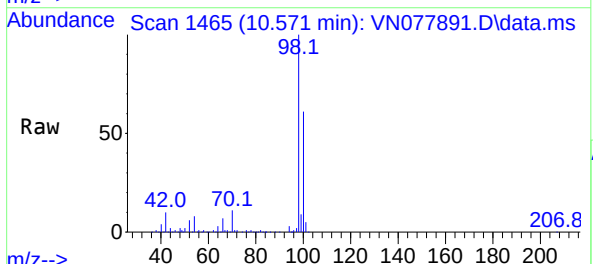
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

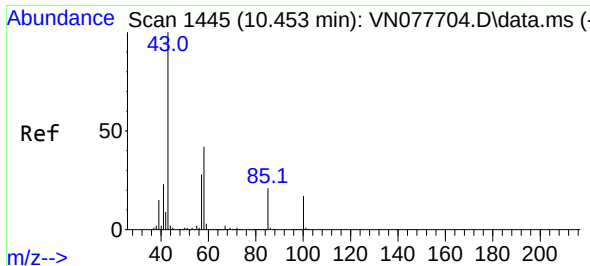
Tgt Ion: 88 Resp: 102199
Ion Ratio Lower Upper
88 100
43 24.5 17.0 25.6
58 65.3 47.0 70.4



#50
Toluene-d8
Concen: 42.416 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 98 Resp: 511112
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

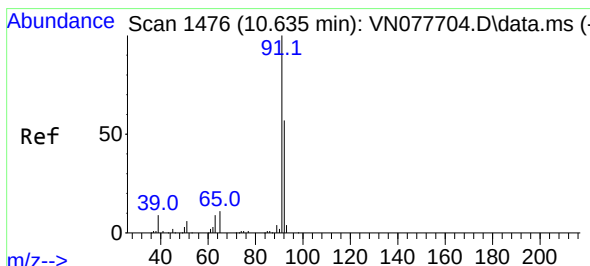
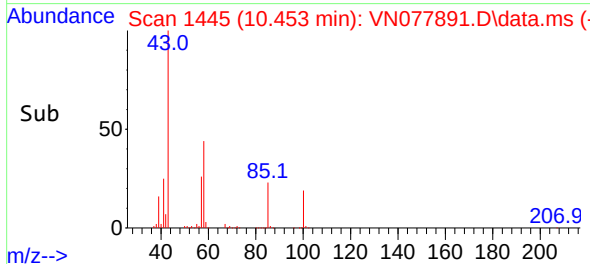
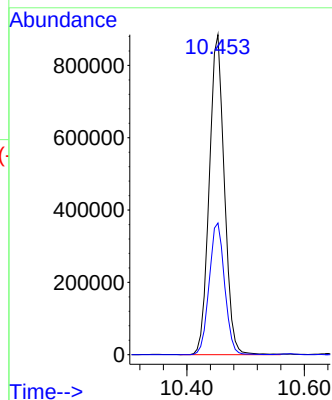
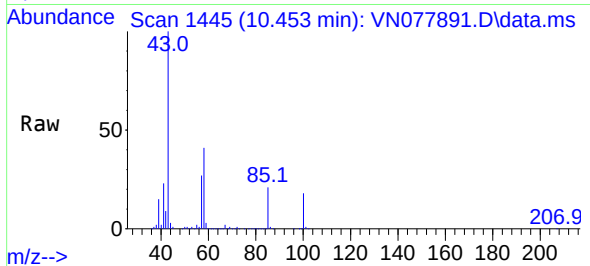




#51
4-Methyl-2-Pentanone
Concen: 398.146 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

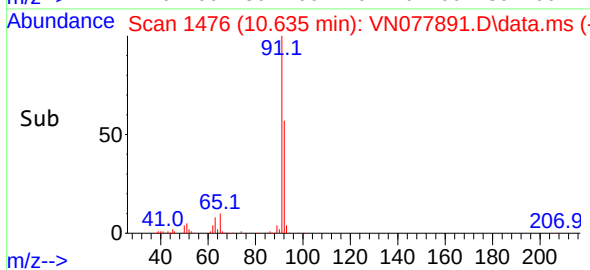
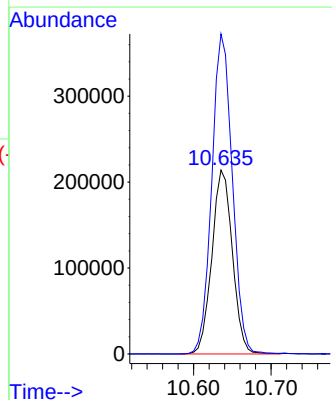
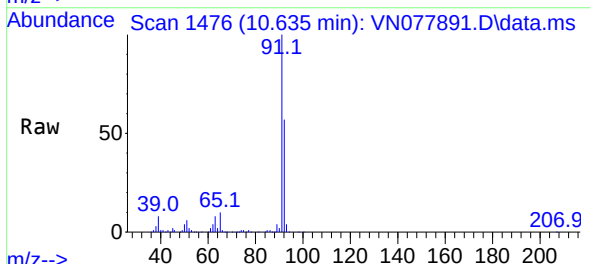
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

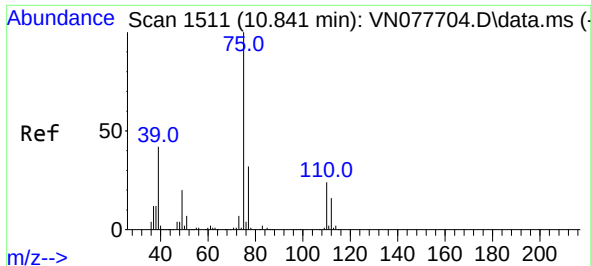
Tgt Ion: 43 Resp: 1577695
Ion Ratio Lower Upper
43 100
58 42.2 36.6 54.8



#52
Toluene
Concen: 46.805 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 92 Resp: 393737
Ion Ratio Lower Upper
92 100
91 174.4 137.4 206.0

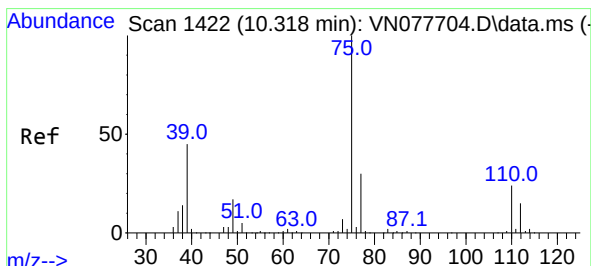
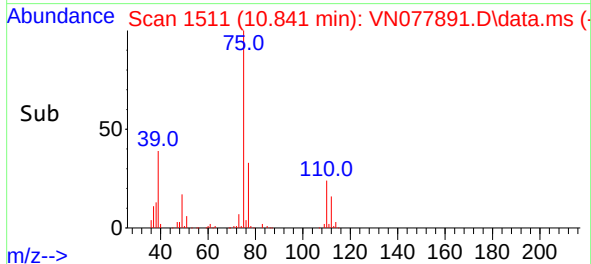
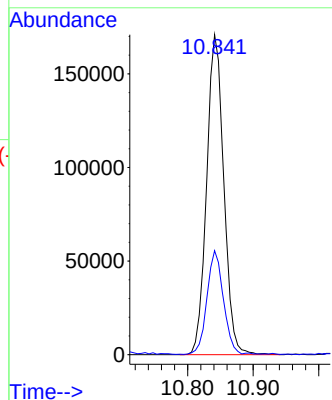
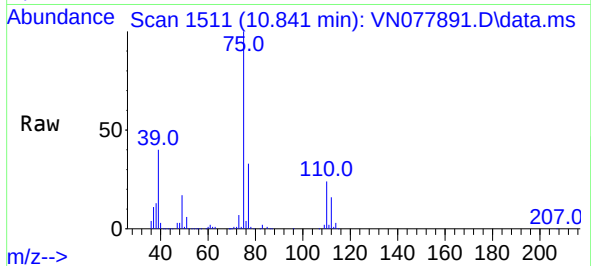




#53
t-1,3-Dichloropropene
Concen: 62.316 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

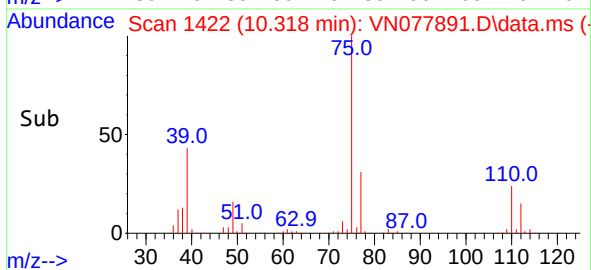
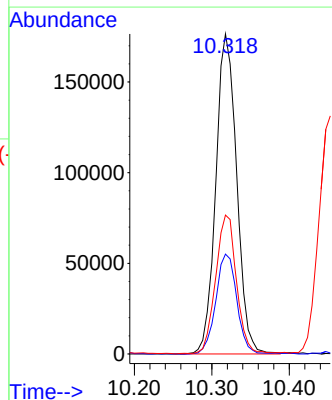
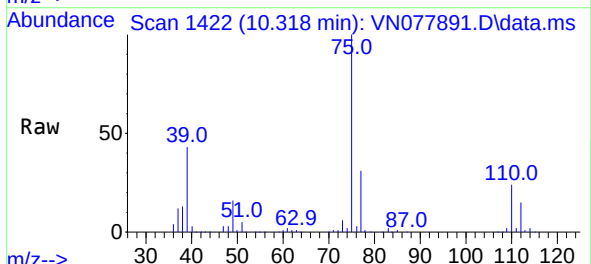
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

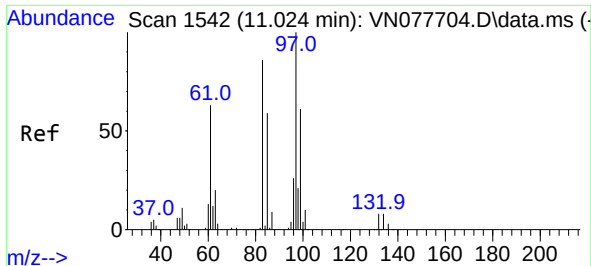
Tgt Ion: 75 Resp: 311593
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 59.950 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 75 Resp: 330342
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 43.3 31.6 47.4



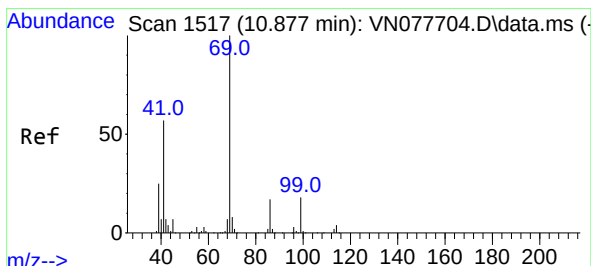
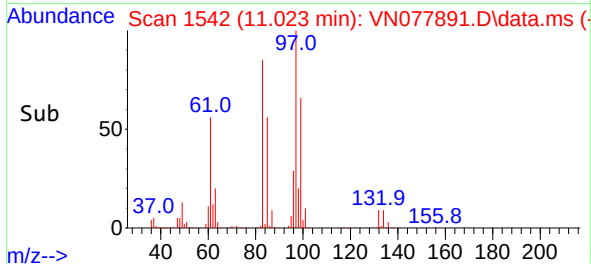
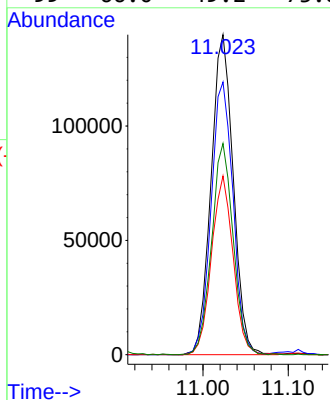
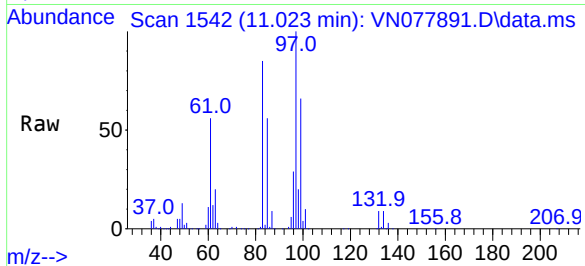


#55
1,1,2-Trichloroethane
Concen: 75.847 ug/l
RT: 11.023 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 253343

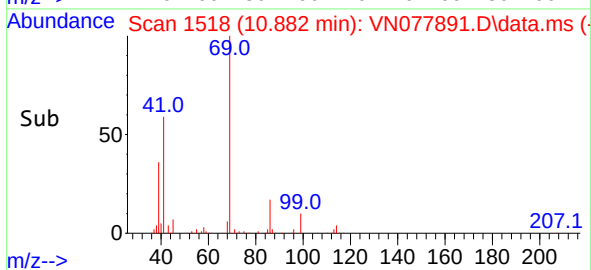
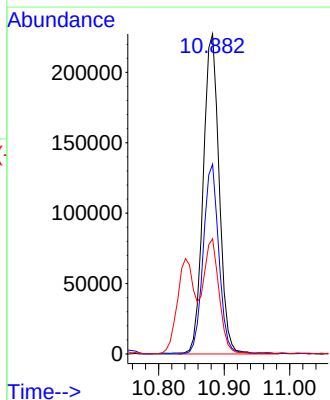
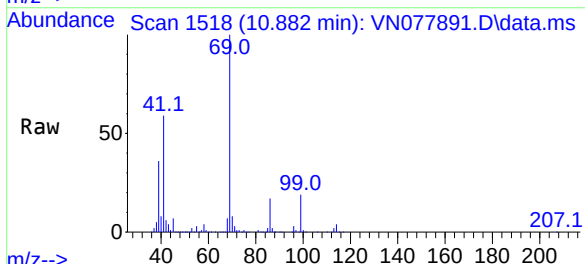
Ion	Ratio	Lower	Upper
97	100		
83	85.2	65.1	97.7
85	55.8	43.4	65.2
99	66.0	49.2	73.8

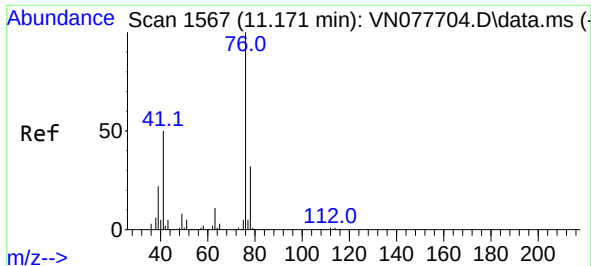


#56
Ethyl methacrylate
Concen: 76.330 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 69 Resp: 385493

Ion	Ratio	Lower	Upper
69	100		
41	58.2	39.6	59.4
39	35.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 72.542 ug/l

RT: 11.170 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN077891.D

Acq: 25 May 2023 08:59

Instrument :

MSVOA_N

ClientSampleId :

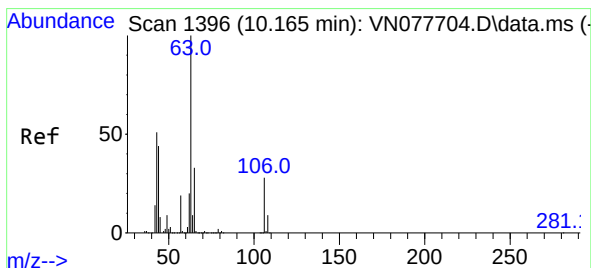
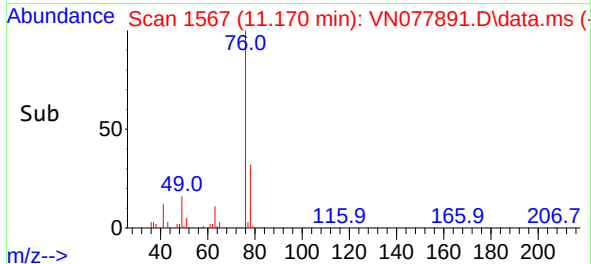
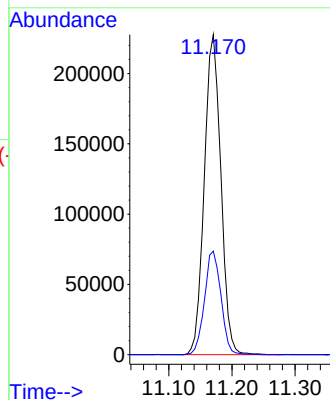
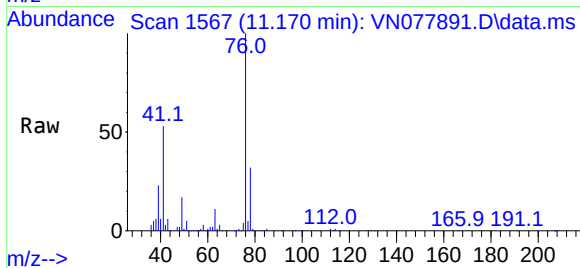
VSTDCCC050EC

Tgt Ion: 76 Resp: 415387

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 309.792 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077891.D

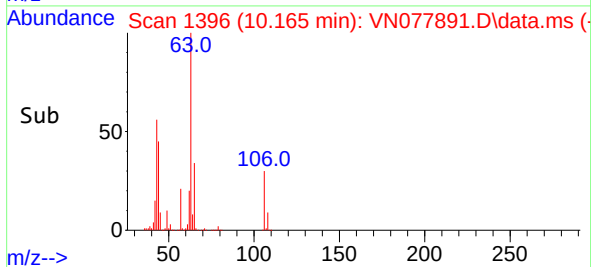
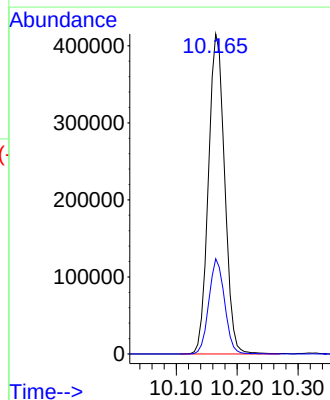
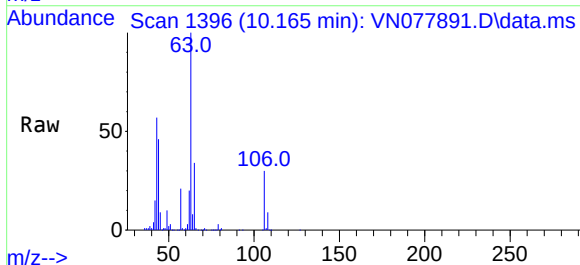
Acq: 25 May 2023 08:59

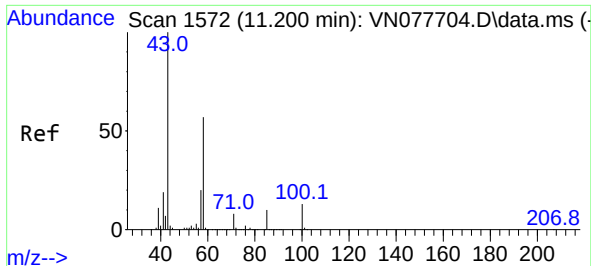
Tgt Ion: 63 Resp: 769697

Ion Ratio Lower Upper

63 100

106 28.7 26.2 39.4

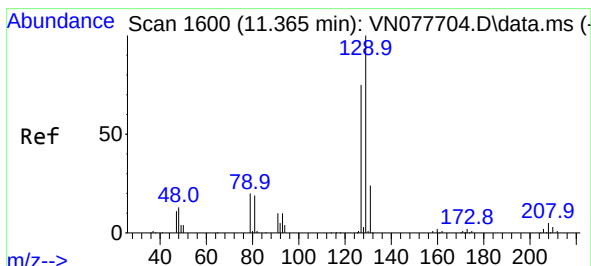
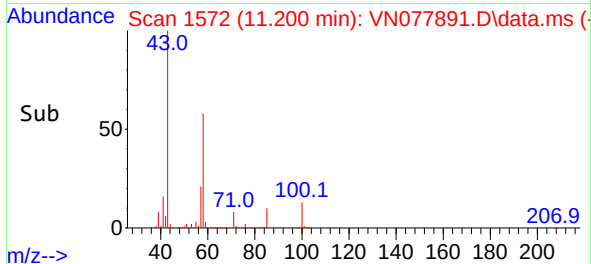
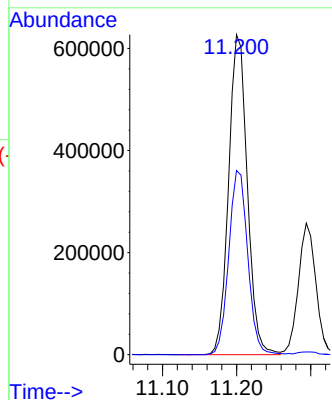
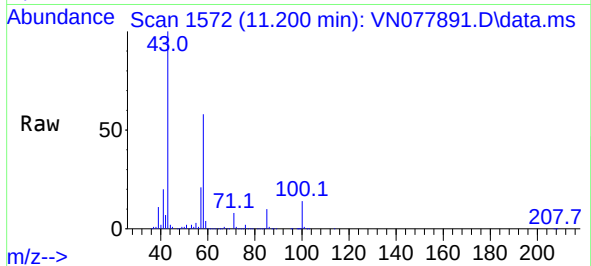




#59
2-Hexanone
Concen: 374.934 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

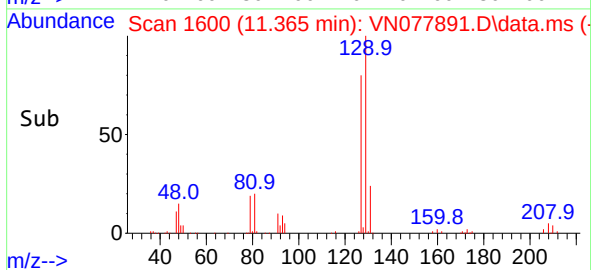
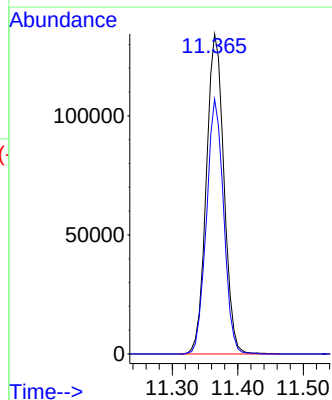
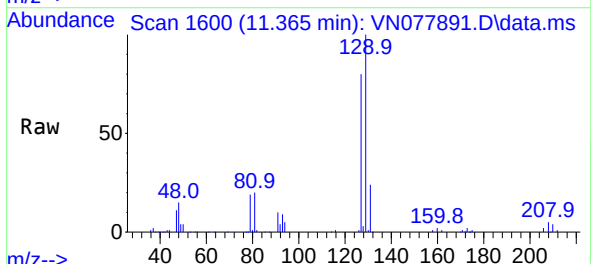
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

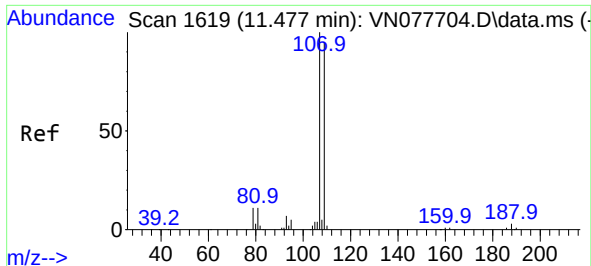
Tgt Ion: 43 Resp: 1098924
Ion Ratio Lower Upper
43 100
58 58.4 31.7 95.1



#60
Dibromochloromethane
Concen: 72.749 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion:129 Resp: 250853
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0

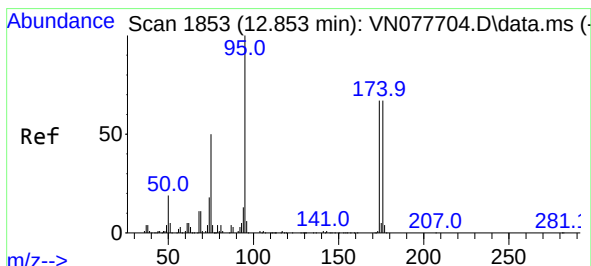
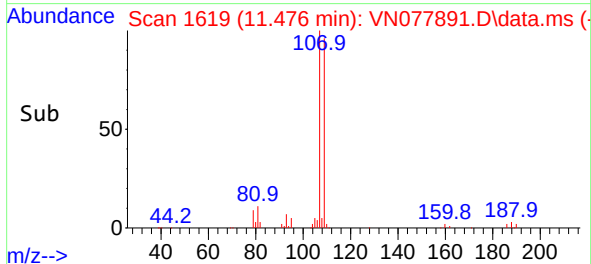
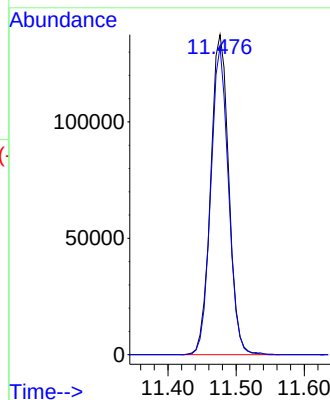
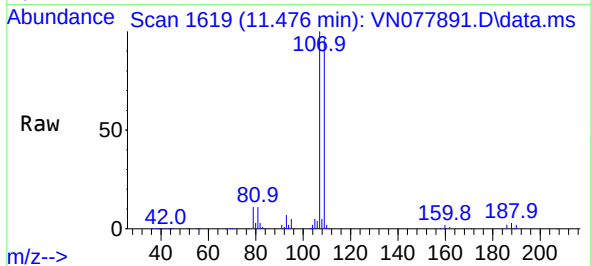




#61
1,2-Dibromoethane
Concen: 76.432 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

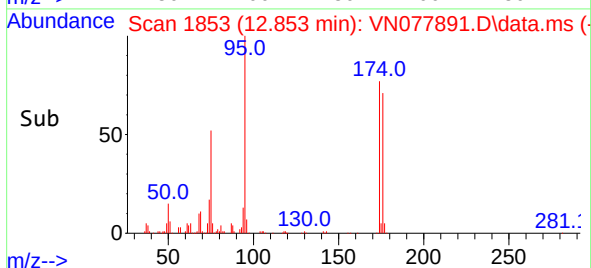
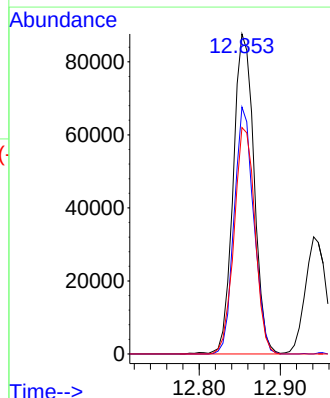
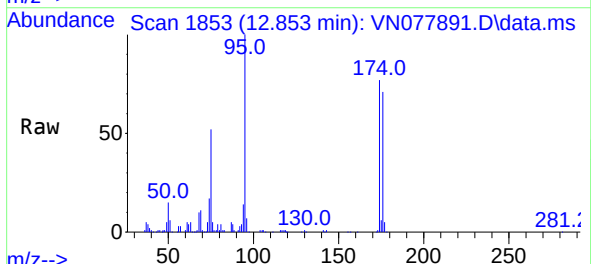
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

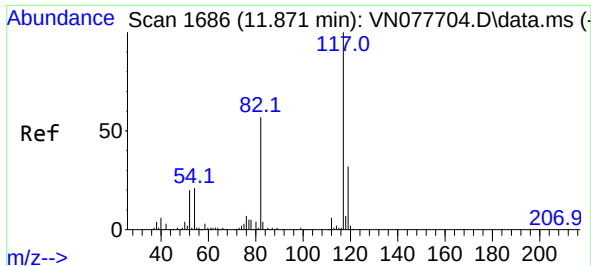
Tgt Ion:107 Resp: 254688
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 36.591 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 95 Resp: 155725
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.8
176 70.8 0.0 135.8

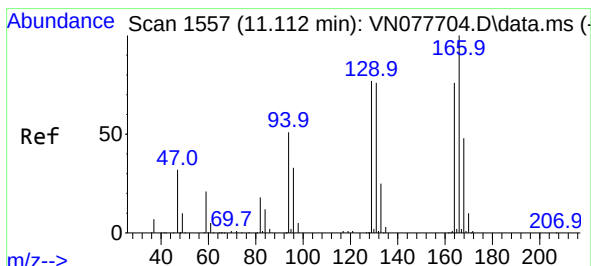
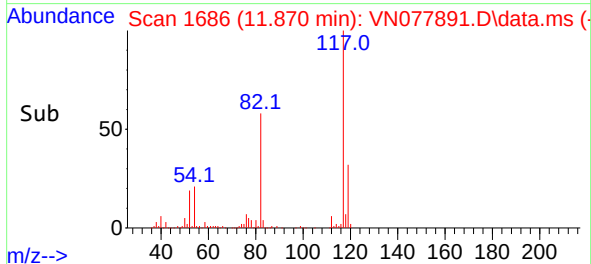
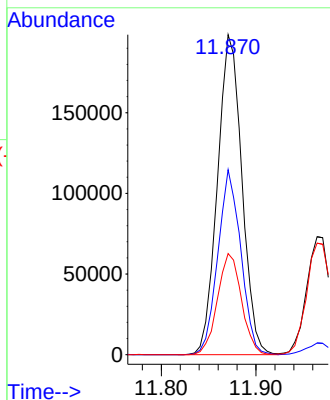
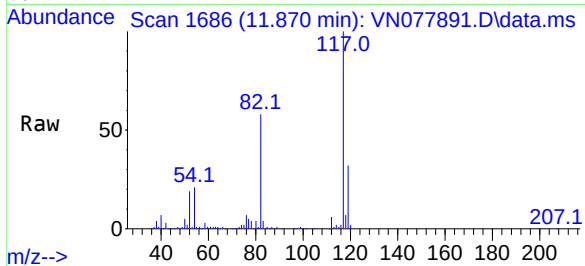




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

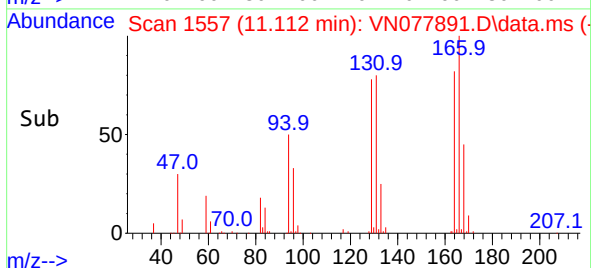
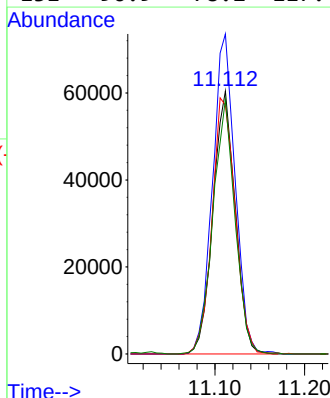
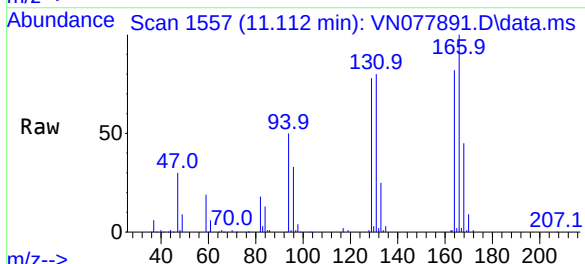
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

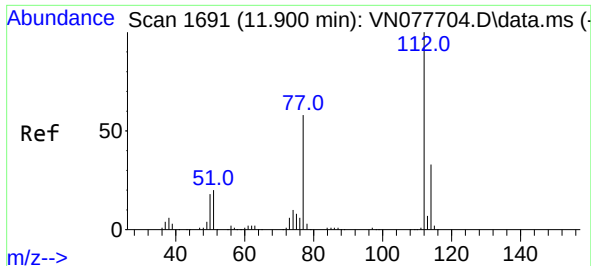
Tgt Ion:117 Resp: 356334
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 41.860 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

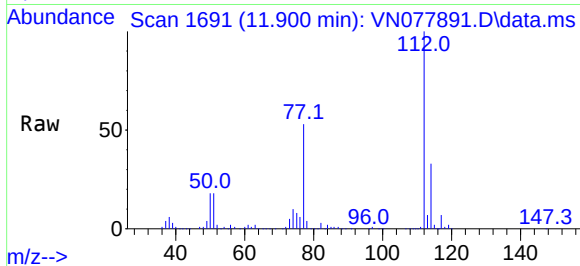
Tgt Ion:164 Resp: 104313
Ion Ratio Lower Upper
164 100
166 121.7 101.4 152.0
129 94.6 82.4 123.6
131 96.9 78.2 117.4



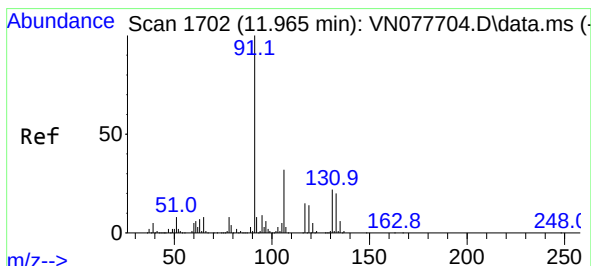
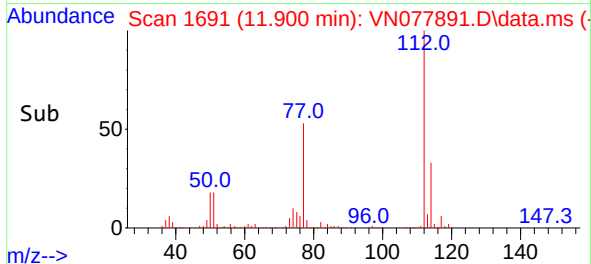
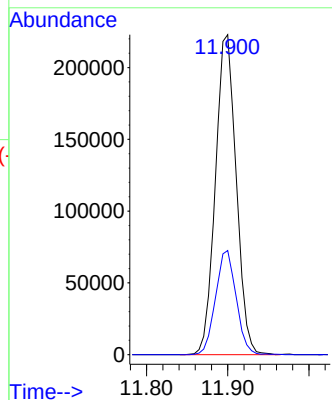


#65
Chlorobenzene
Concen: 51.440 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

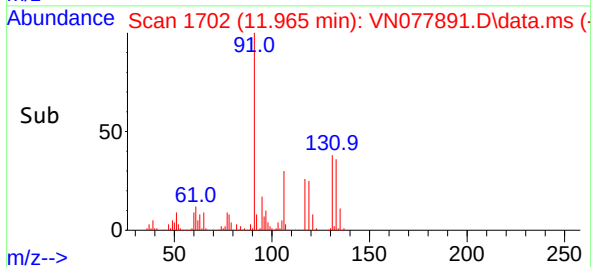
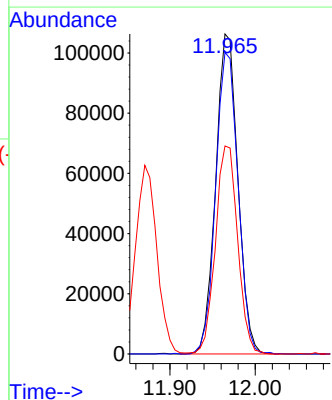
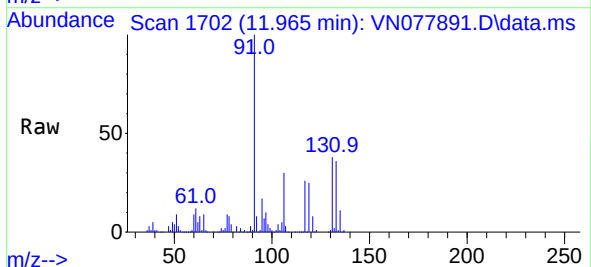


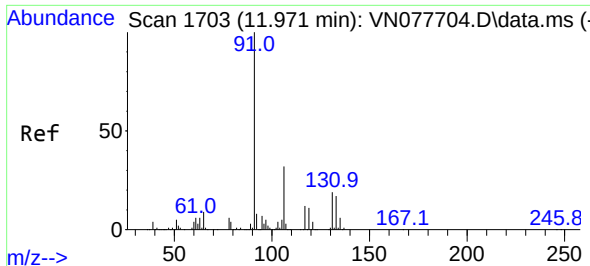
Tgt Ion:112 Resp: 397367
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 71.977 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion:131 Resp: 192389
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 65.1 34.1 102.2

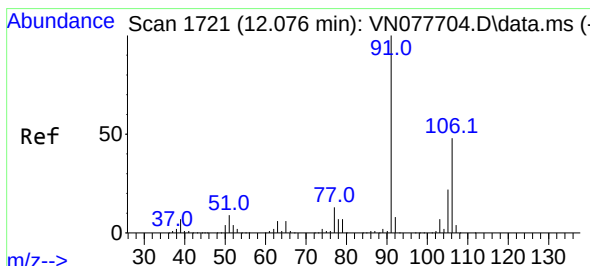
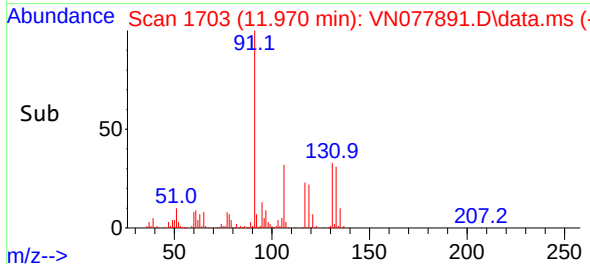
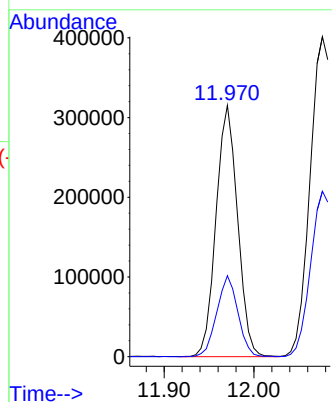
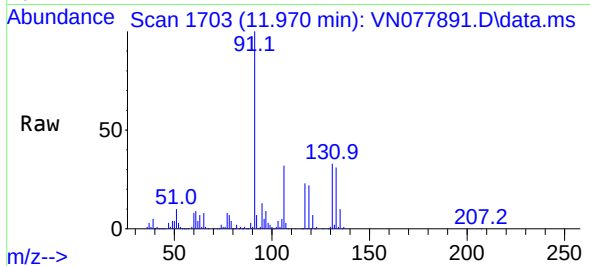




#67
Ethyl Benzene
Concen: 37.985 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

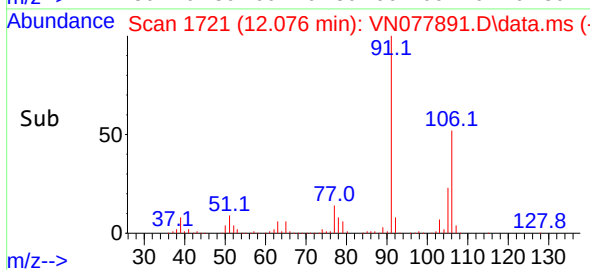
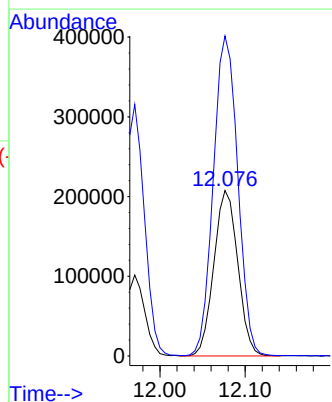
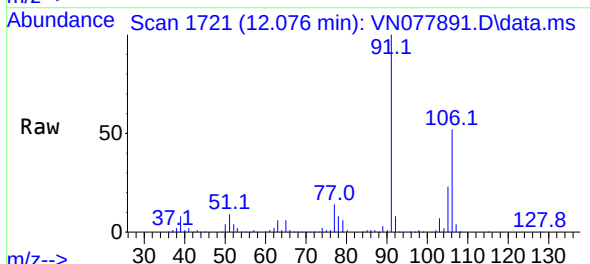
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

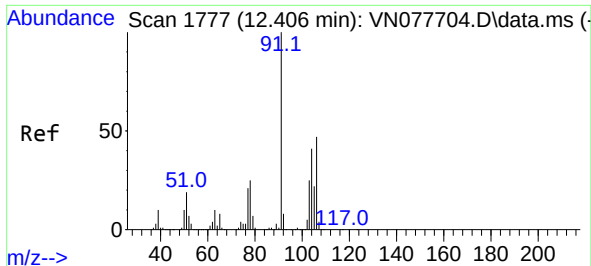
Tgt Ion: 91 Resp: 525841
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 77.337 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 106 Resp: 405665
Ion Ratio Lower Upper
106 100
91 197.1 159.6 239.4

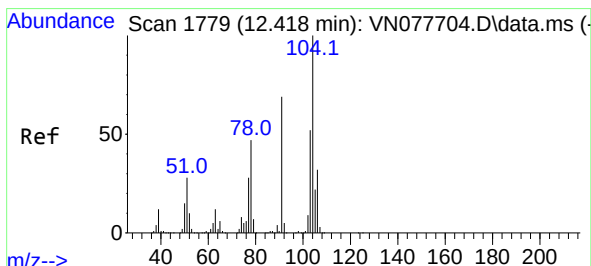
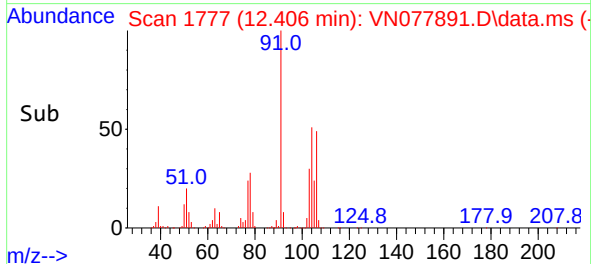
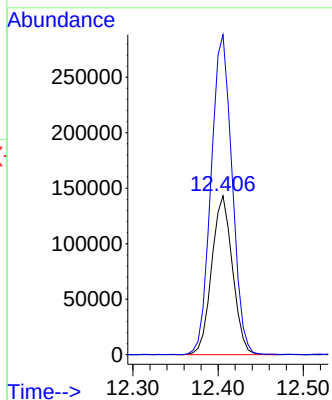
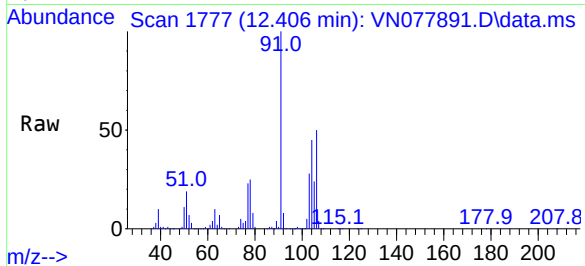




#69
o-Xylene
Concen: 46.954 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

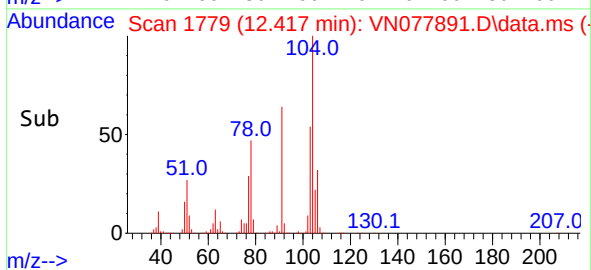
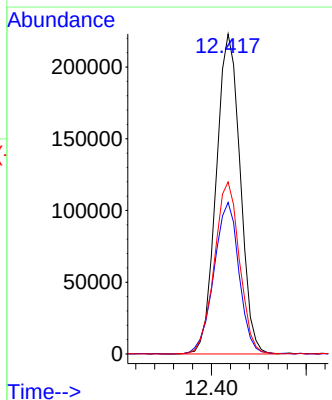
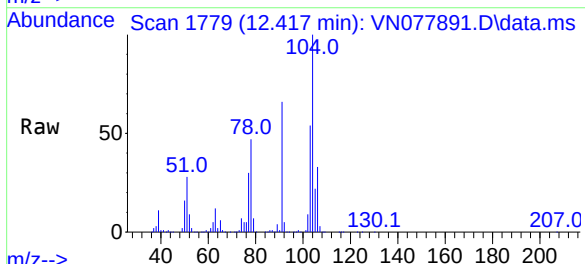
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

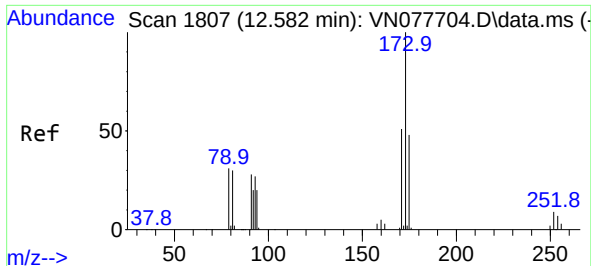
Tgt Ion:106 Resp: 242214
Ion Ratio Lower Upper
106 100
91 203.7 105.2 315.5



#70
Styrene
Concen: 47.875 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion:104 Resp: 392319
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 56.3 43.2 64.8

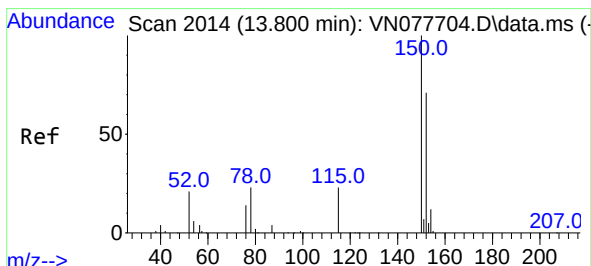
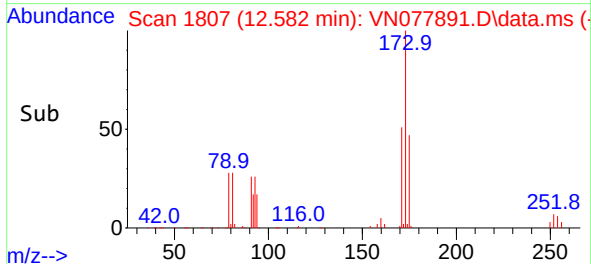
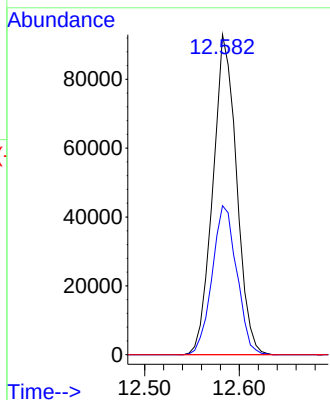
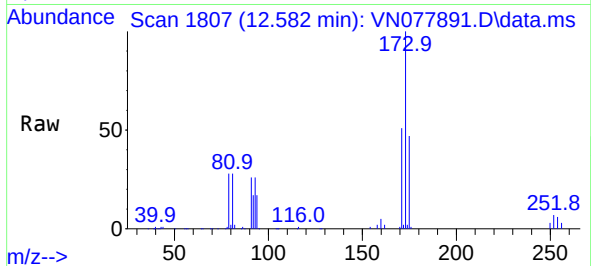




#71
Bromoform
Concen: 90.824 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

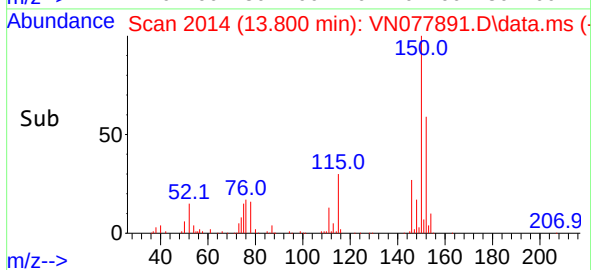
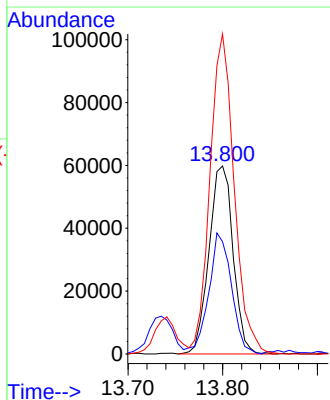
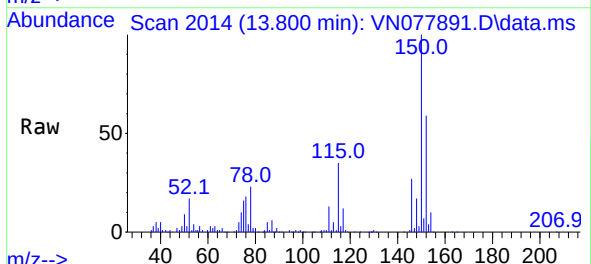
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

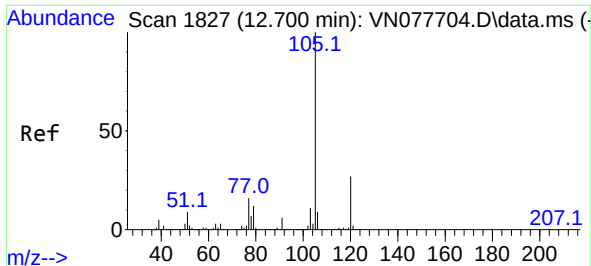
Tgt Ion:173 Resp: 161495
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion:152 Resp: 105641
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 171.1 0.0 355.8

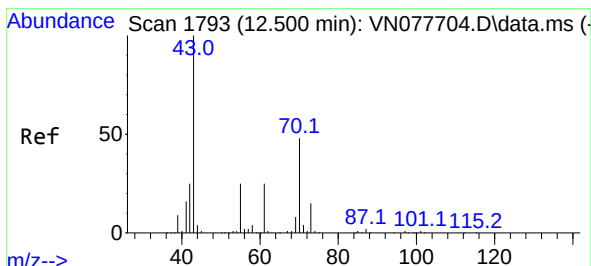
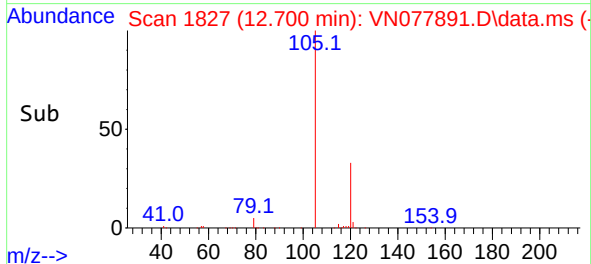
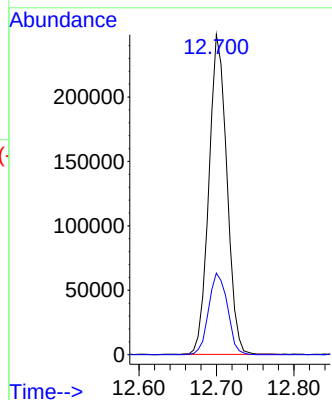
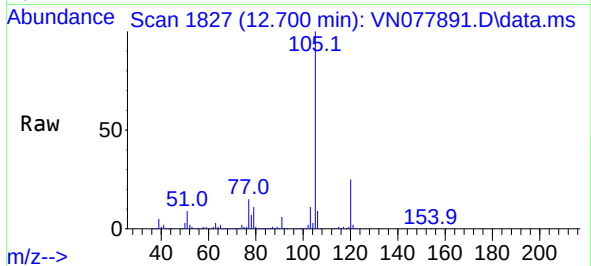




#73
Isopropylbenzene
Concen: 43.932 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

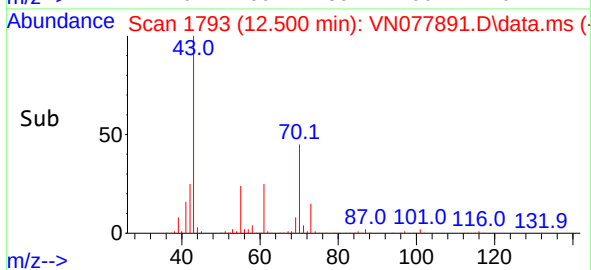
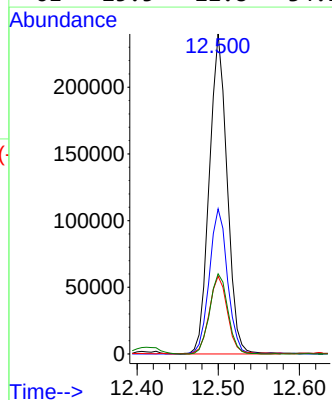
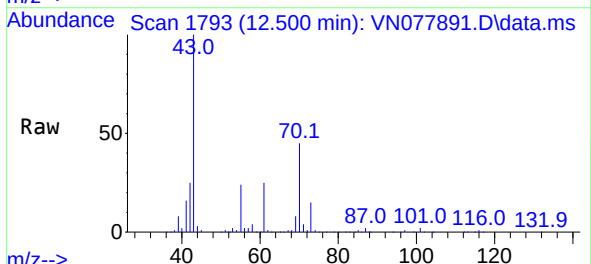
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

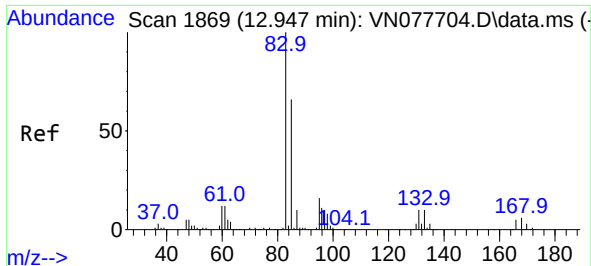
Tgt Ion:105 Resp: 400056
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1



#74
N-ethyl acetate
Concen: 108.633 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 43 Resp: 365653
Ion Ratio Lower Upper
43 100
70 46.2 43.4 65.2
55 24.9 21.4 32.0
61 25.5 22.8 34.2

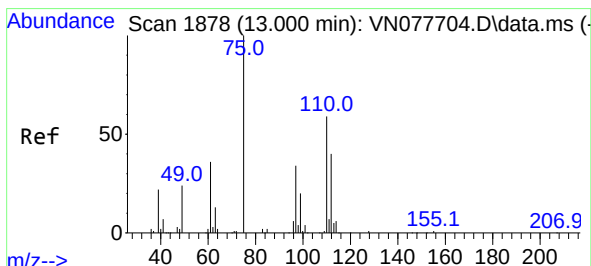
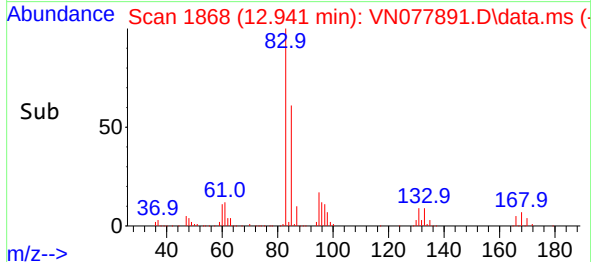
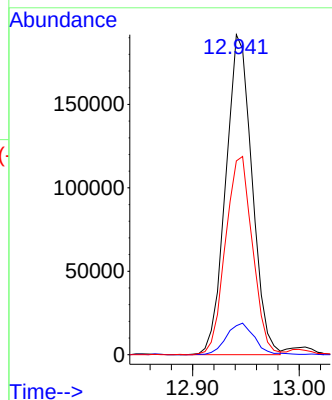
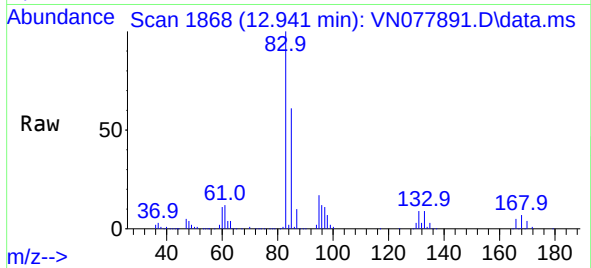




#75
1,1,2,2-Tetrachloroethane
Concen: 117.471 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

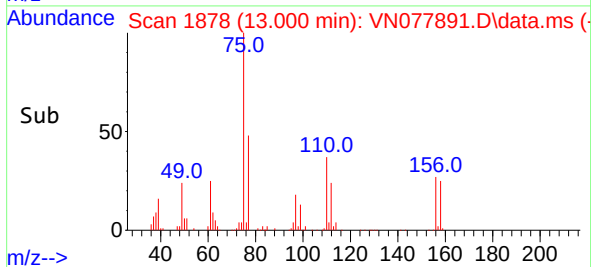
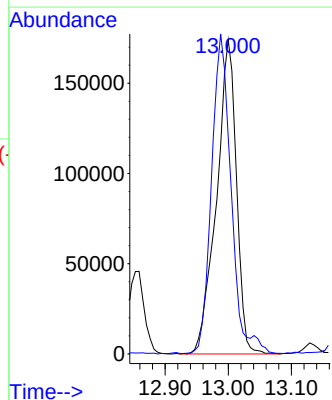
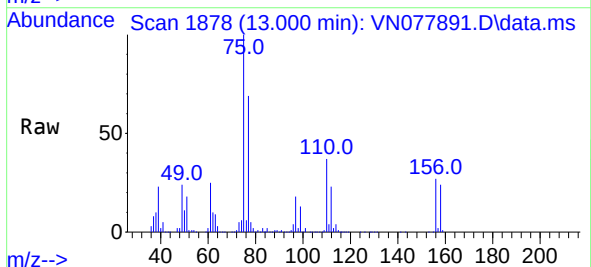
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

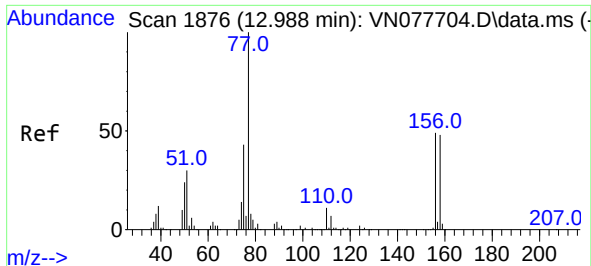
Tgt Ion: 83 Resp: 329089
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 63.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 144.328 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 75 Resp: 381837
Ion Ratio Lower Upper
75 100
77 99.3 84.5 253.5

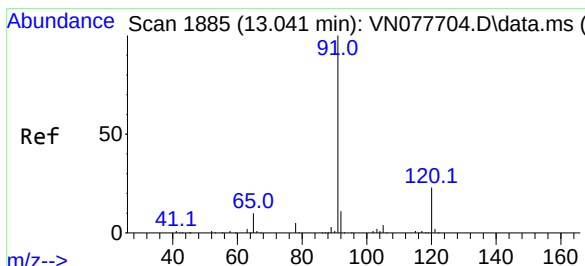
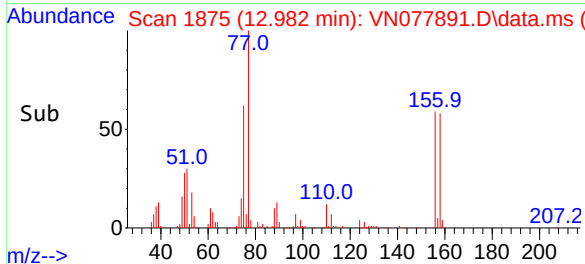
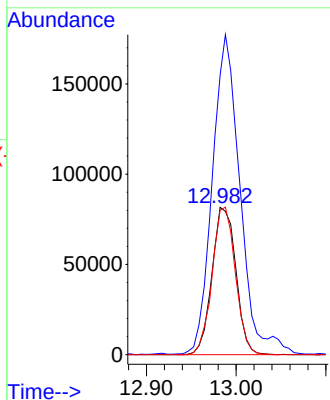
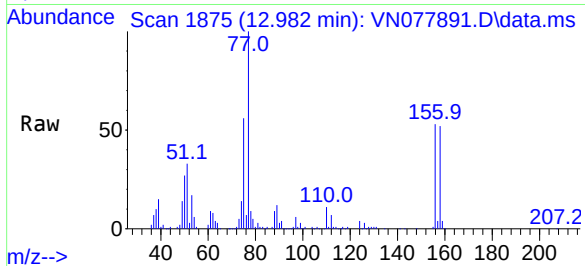




#77
Bromobenzene
Concen: 72.629 ug/l
RT: 12.982 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

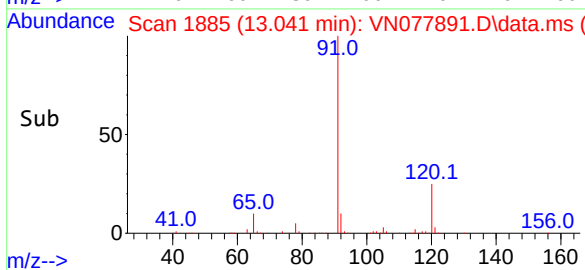
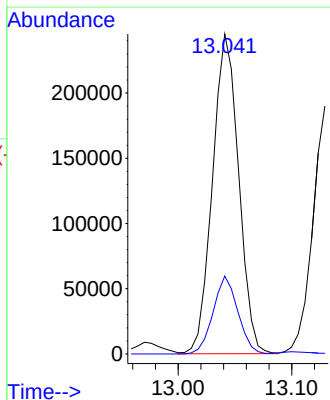
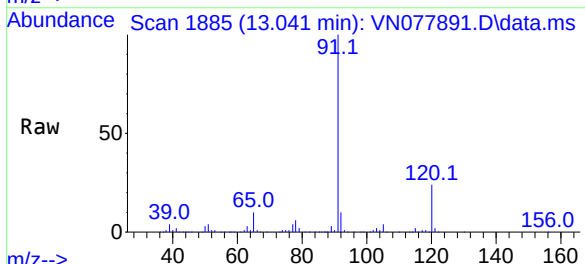
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

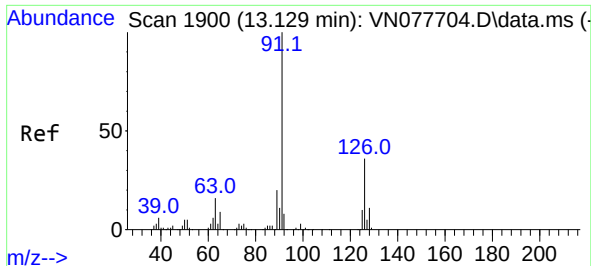
Tgt Ion:156 Resp: 150931
Ion Ratio Lower Upper
156 100
77 251.1 107.7 323.3
158 97.4 48.4 145.3



#78
n-propylbenzene
Concen: 36.493 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 91 Resp: 391776
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

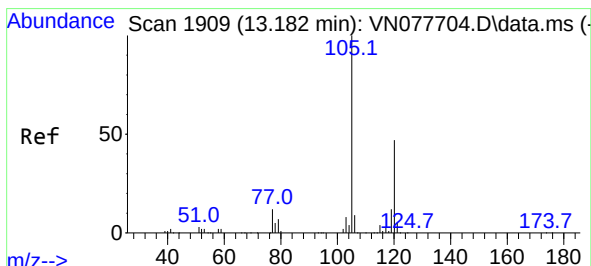
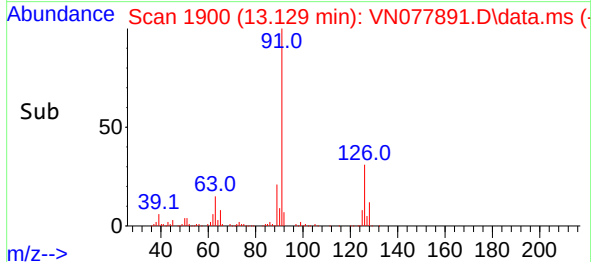
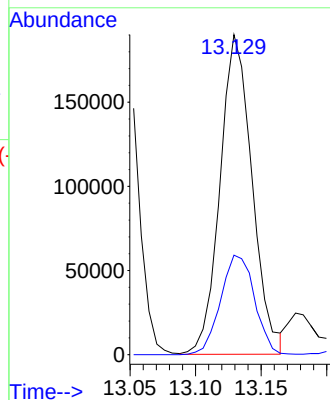
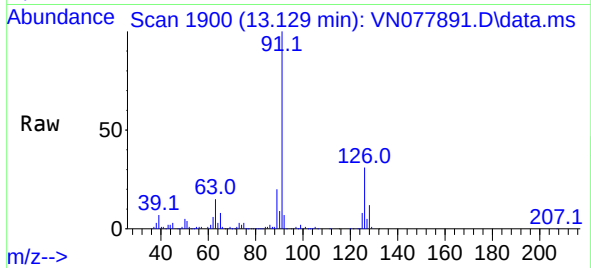




#79
2-Chlorotoluene
Concen: 50.456 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

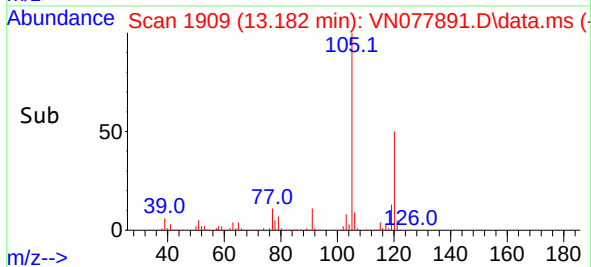
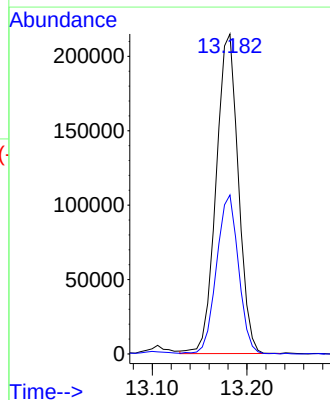
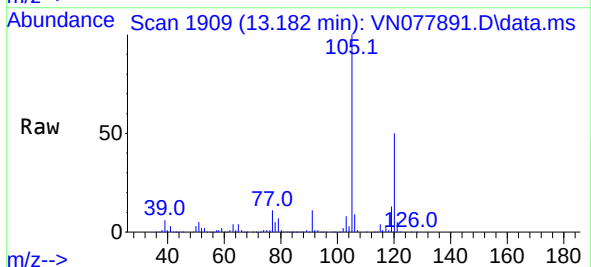
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

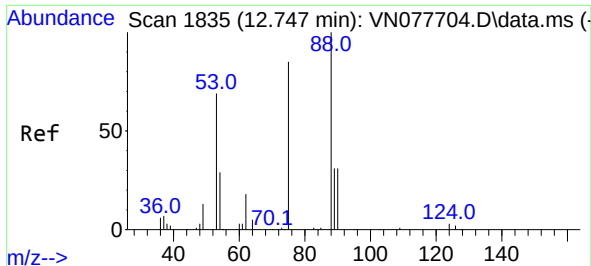
Tgt Ion: 91 Resp: 323232
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 45.787 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 105 Resp: 350434
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.3

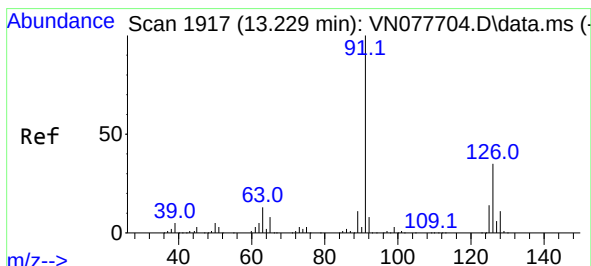
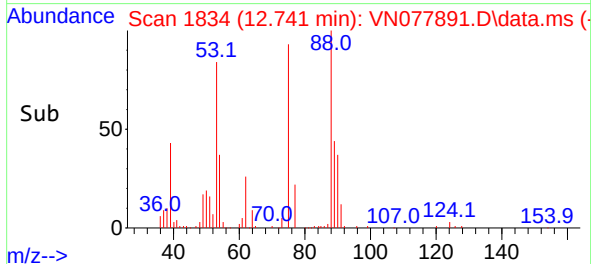
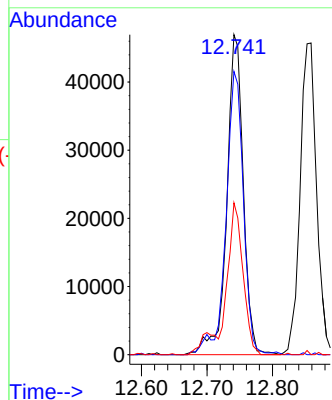
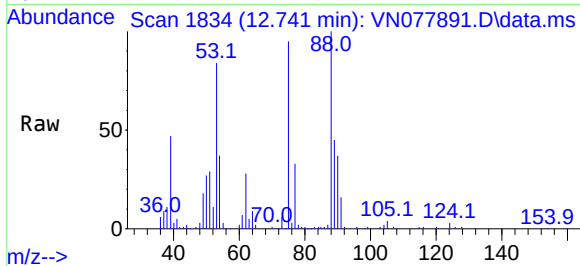




#81
trans-1,4-Dichloro-2-butene
Concen: 99.495 ug/l
RT: 12.741 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

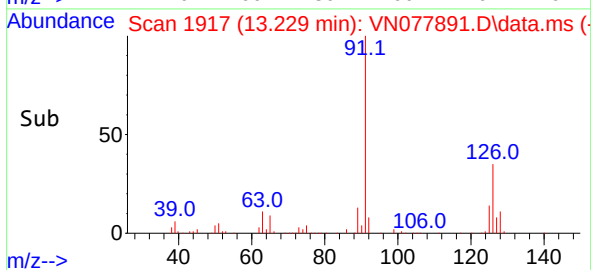
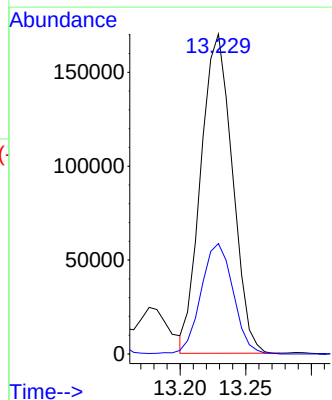
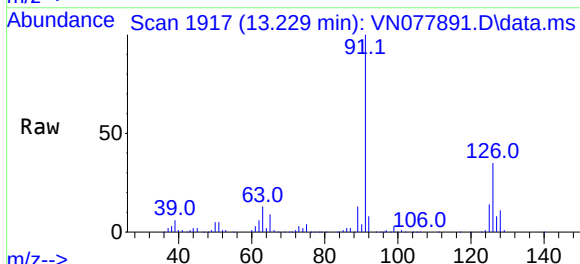
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

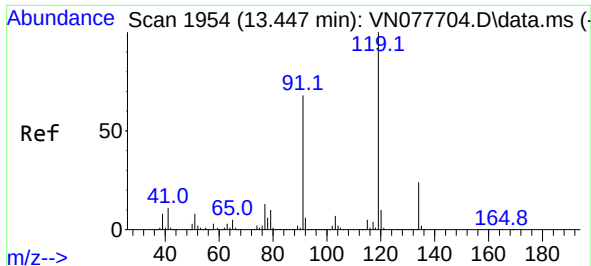
Tgt Ion: 75 Resp: 82348
Ion Ratio Lower Upper
75 100
53 93.0 67.4 101.2
89 42.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 44.691 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 91 Resp: 284855
Ion Ratio Lower Upper
91 100
126 35.3 16.7 50.0

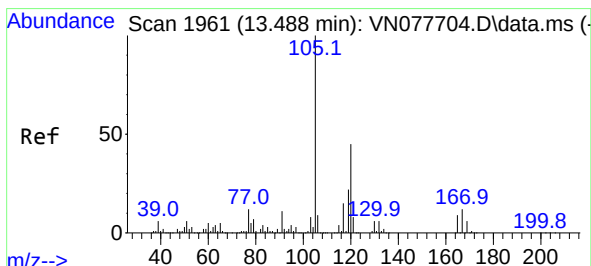
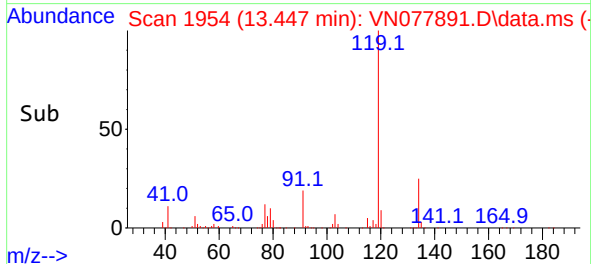
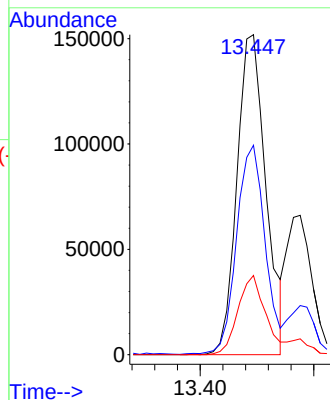
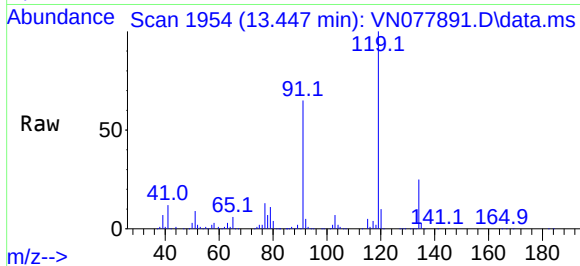




#83
tert-Butylbenzene
Concen: 40.208 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

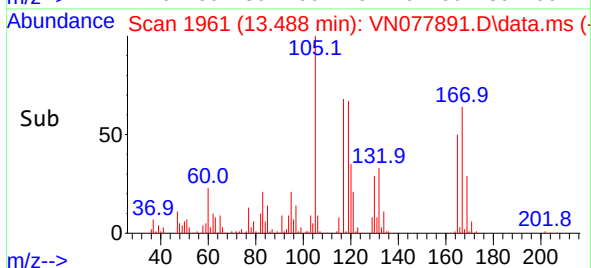
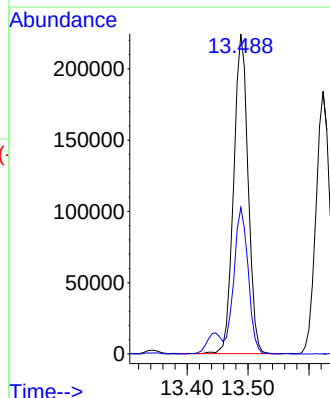
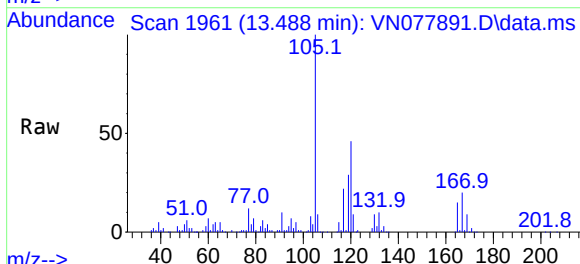
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

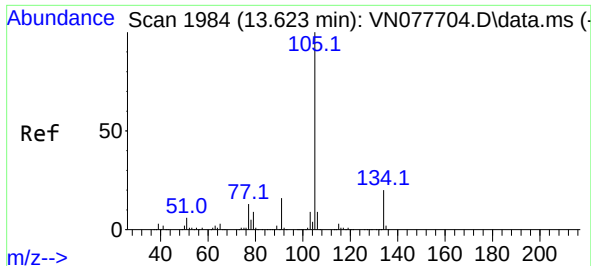
Tgt Ion:119 Resp: 268646
Ion Ratio Lower Upper
119 100
91 64.1 33.9 101.7
134 24.0 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 49.034 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion:105 Resp: 369082
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0

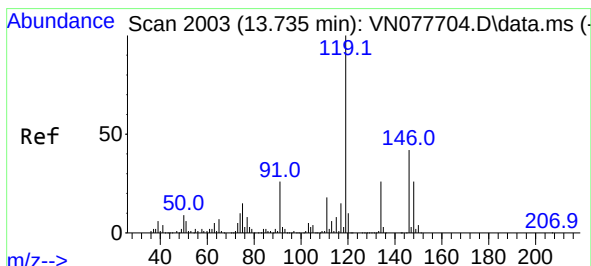
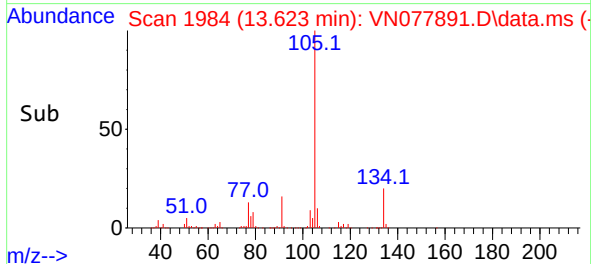
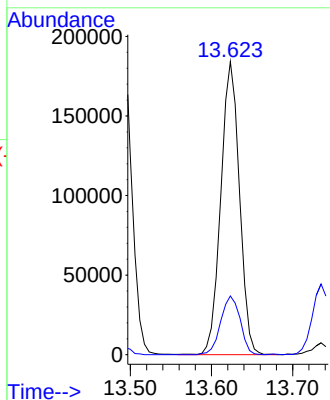
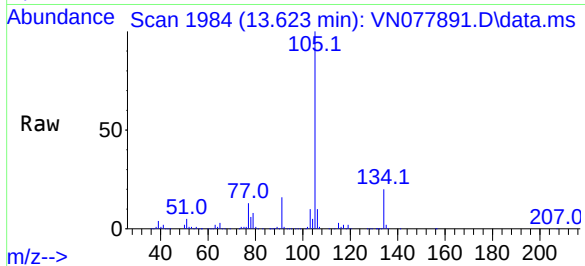




#85
 sec-Butylbenzene
 Concen: 30.999 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077891.D
 Acq: 25 May 2023 08:59

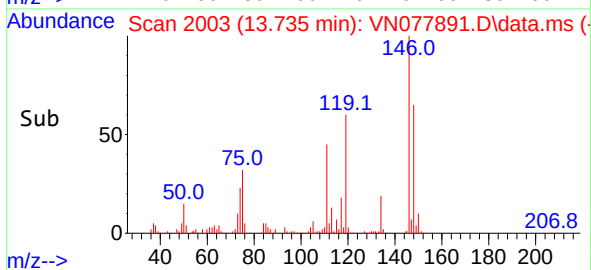
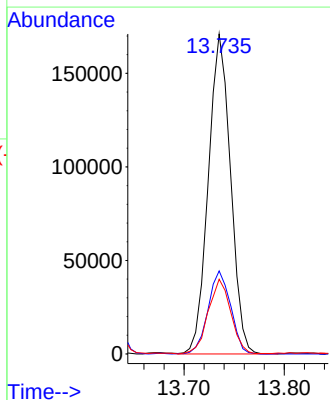
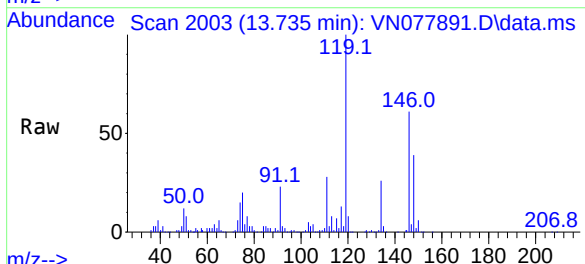
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

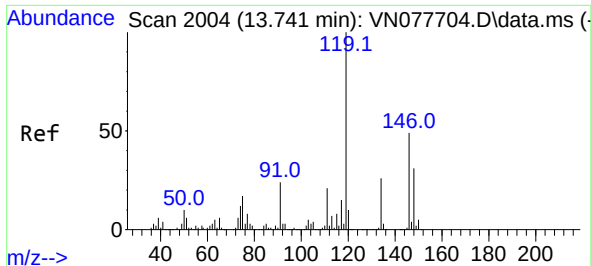
Tgt Ion:105 Resp: 294348
 Ion Ratio Lower Upper
 105 100
 134 20.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 34.885 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077891.D
 Acq: 25 May 2023 08:59

Tgt Ion:119 Resp: 264086
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 23.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.658 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077891.D

Acq: 25 May 2023 08:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

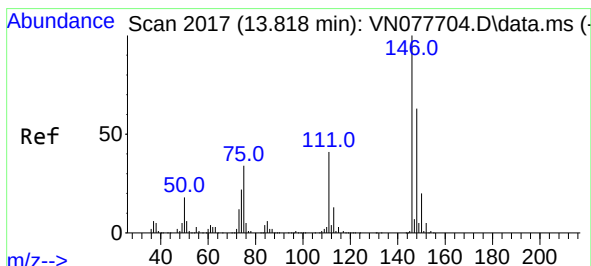
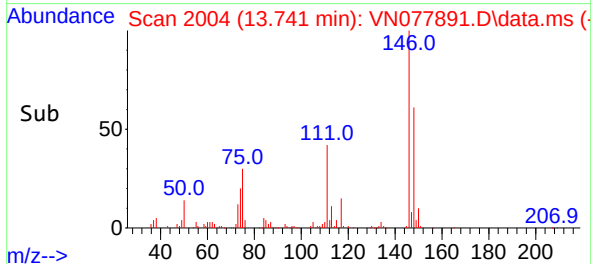
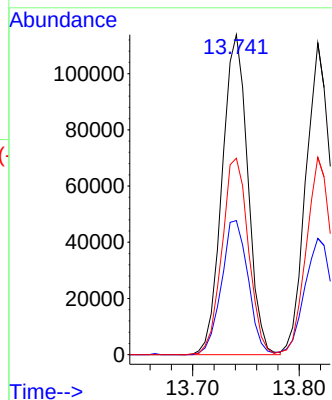
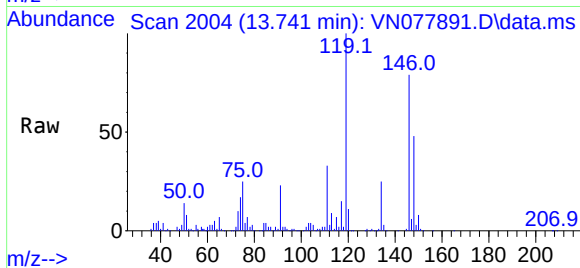
Tgt Ion:146 Resp: 190843

Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.3

148 63.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 47.898 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN077891.D

Acq: 25 May 2023 08:59

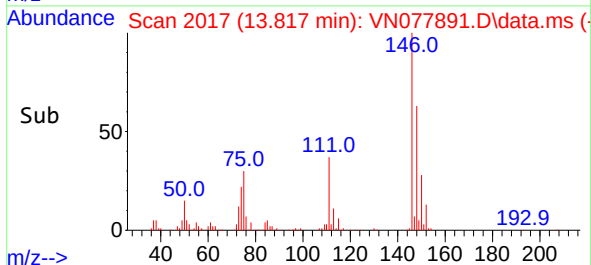
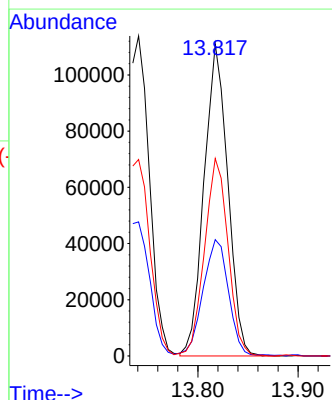
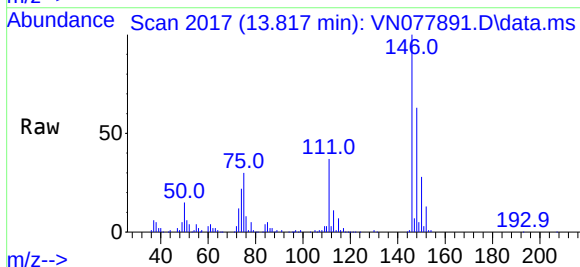
Tgt Ion:146 Resp: 182667

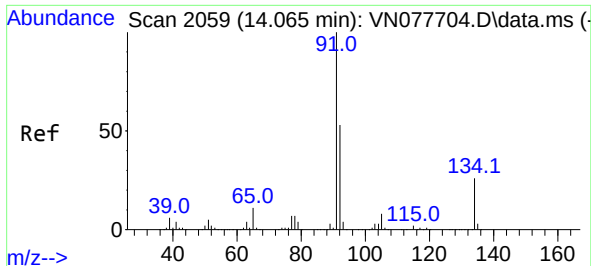
Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.8

148 62.9 31.6 94.8

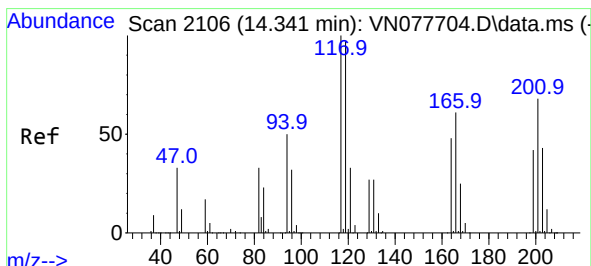
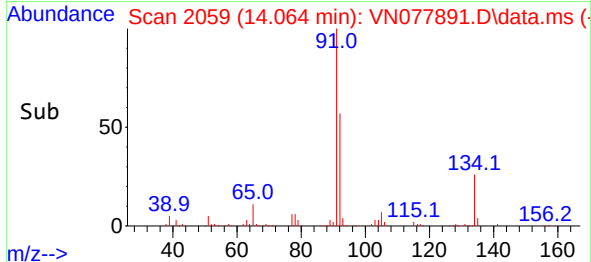
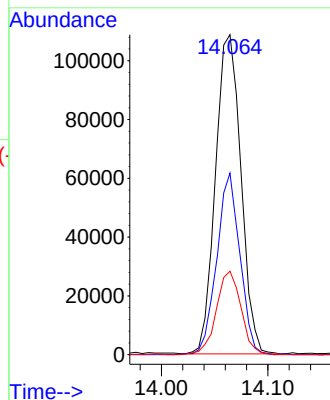
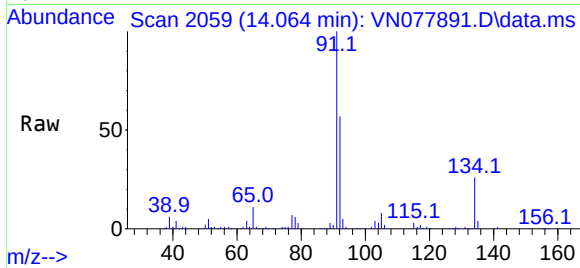




#89
n-Butylbenzene
Concen: 25.903 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

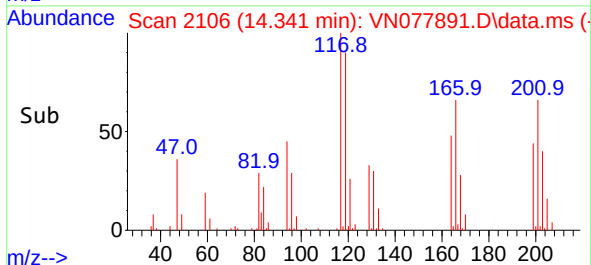
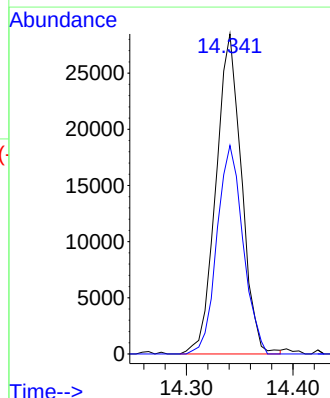
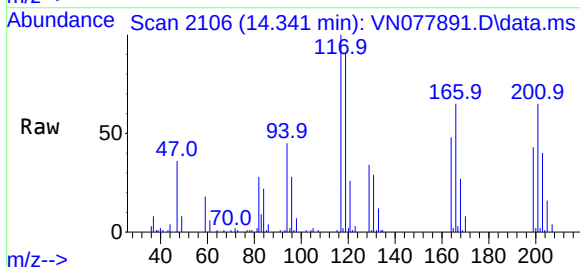
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

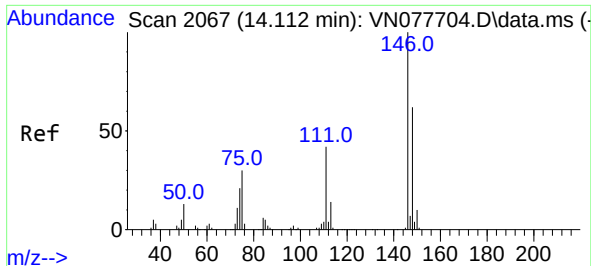
Tgt Ion: 91 Resp: 180359
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.0
134 25.3 12.6 37.6



#90
Hexachloroethane
Concen: 38.162 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion: 117 Resp: 47459
Ion Ratio Lower Upper
117 100
201 66.5 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 64.879 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077891.D

Acq: 25 May 2023 08:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

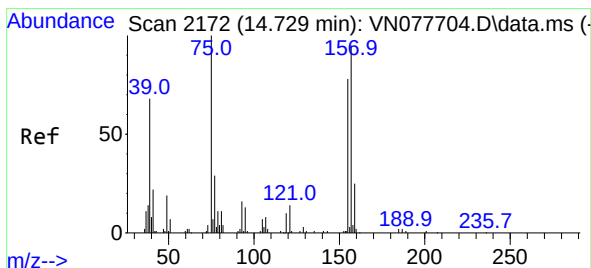
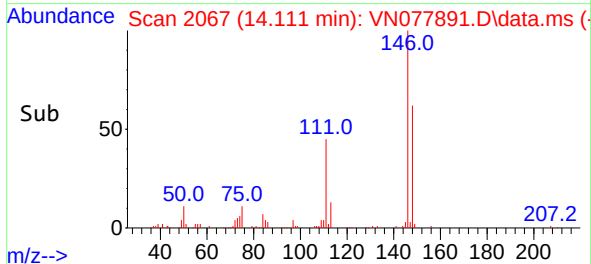
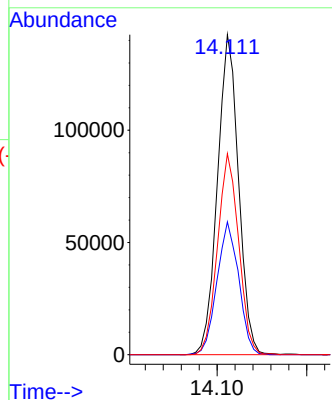
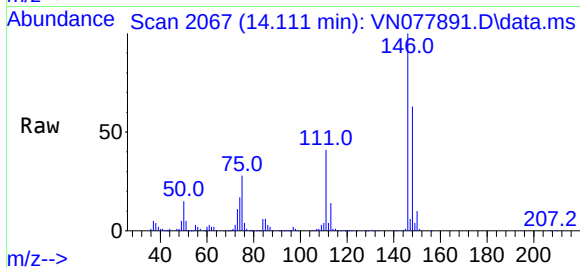
Tgt Ion:146 Resp: 232933

Ion Ratio Lower Upper

146 100

111 42.8 22.0 66.0

148 63.0 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 107.883 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN077891.D

Acq: 25 May 2023 08:59

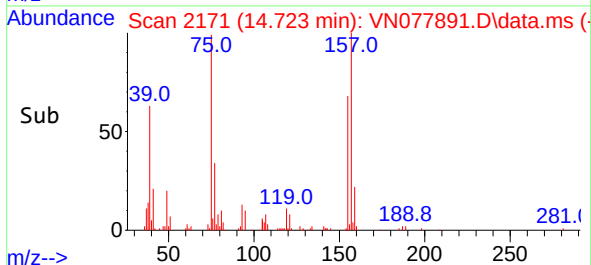
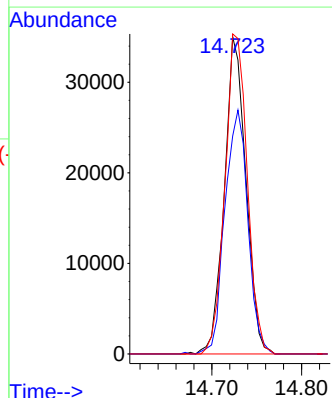
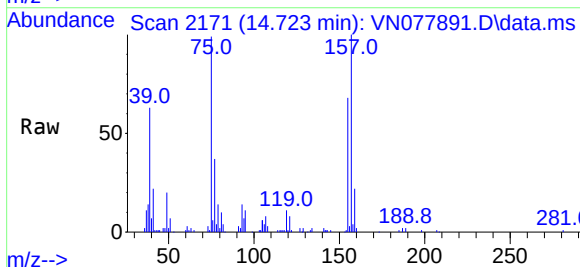
Tgt Ion: 75 Resp: 58512

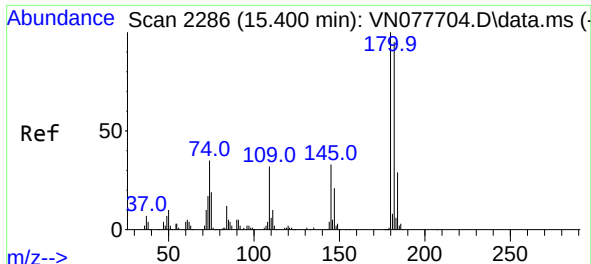
Ion Ratio Lower Upper

75 100

155 82.0 39.1 117.2

157 104.4 50.3 150.9

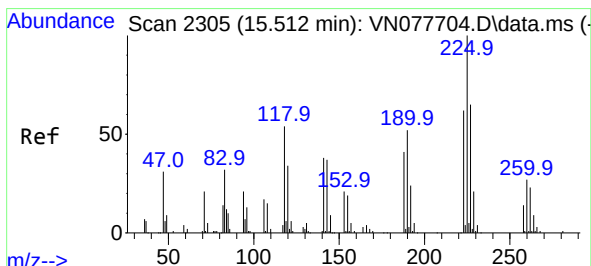
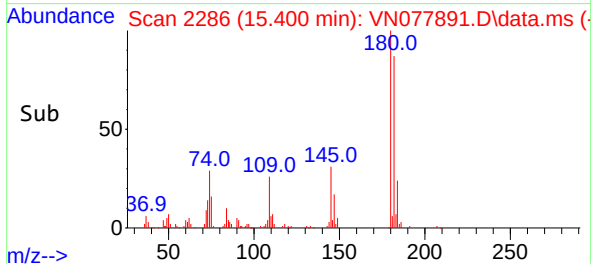
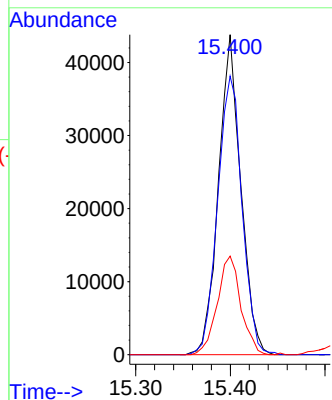
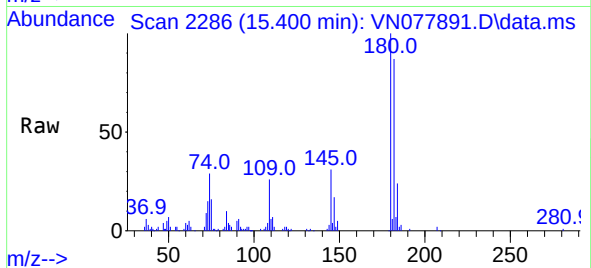




#93
1,2,4-Trichlorobenzene
Concen: 34.215 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

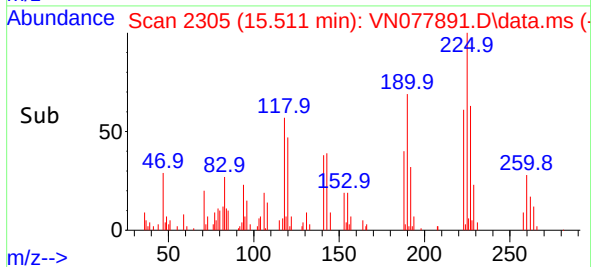
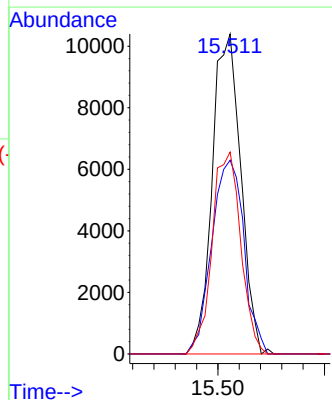
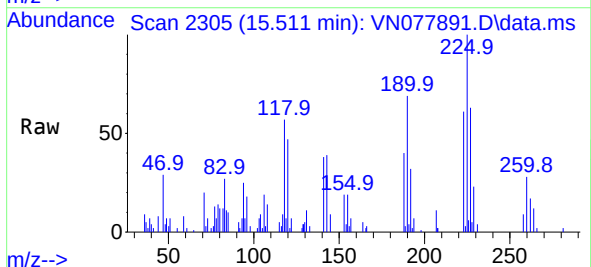
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

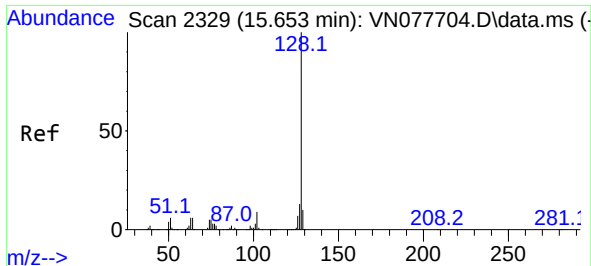
Tgt Ion:180 Resp: 71785
Ion Ratio Lower Upper
180 100
182 95.2 46.1 138.2
145 32.5 16.6 49.8



#94
Hexachlorobutadiene
Concen: 22.174 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion:225 Resp: 19316
Ion Ratio Lower Upper
225 100
223 68.2 31.3 93.8
227 63.3 31.9 95.9

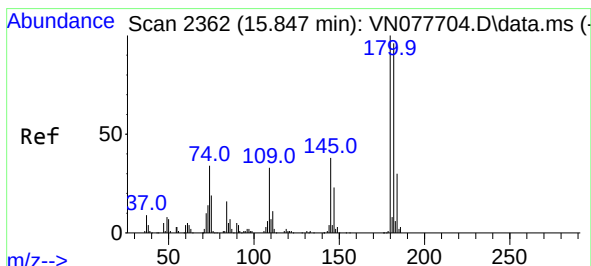
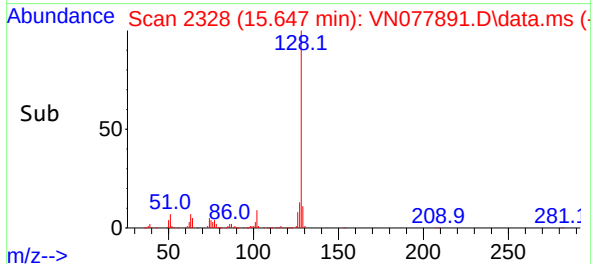
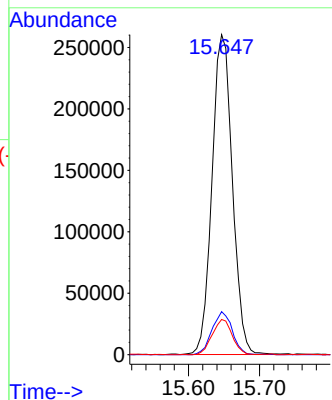
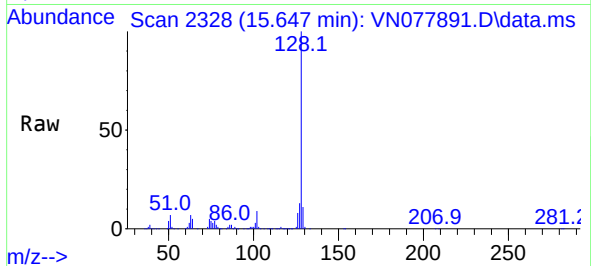




#95
Naphthalene
Concen: 71.683 ug/l
RT: 15.647 min Scan# 2329
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 517669
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 41.890 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077891.D
Acq: 25 May 2023 08:59

Tgt Ion:180 Resp: 86051
Ion Ratio Lower Upper
180 100
182 100.8 46.2 138.6
145 37.2 17.5 52.6

