

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077811.D
 Acq On : 11 Dec 2023 14:38
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 11 17:04:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	158963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	268632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	243853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	128371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	93691	50.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.040%	
35) Dibromofluoromethane	7.810	113	95683	50.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.700%	
50) Toluene-d8	10.269	98	387142	51.370	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.575	95	115916	51.446	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	94938	47.811	ug/l	99
3) Chloromethane	2.152	50	142451	52.630	ug/l	100
4) Vinyl Chloride	2.293	62	183882	50.043	ug/l	99
5) Bromomethane	2.699	94	106687	51.744	ug/l	98
6) Chloroethane	2.846	64	124673	49.767	ug/l	98
7) Trichlorofluoromethane	3.187	101	170603	50.412	ug/l	98
8) Diethyl Ether	3.599	74	50980	53.648	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.975	101	98392	50.822	ug/l	98
10) Methyl Iodide	4.175	142	80248	47.659	ug/l #	90
11) Tert butyl alcohol	5.058	59	27871	311.764	ug/l #	83
12) 1,1-Dichloroethene	3.946	96	99204	51.918	ug/l #	81
13) Acrolein	3.805	56	35735	180.348	ug/l	94
14) Allyl chloride	4.569	41	133889	50.947	ug/l #	90
15) Acrylonitrile	5.258	53	114260	280.830	ug/l	97
16) Acetone	4.022	43	111274	278.463	ug/l	87
17) Carbon Disulfide	4.281	76	317008	49.038	ug/l	98
18) Methyl Acetate	4.569	43	83611	56.677	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	224685	55.423	ug/l	98
20) Methylene Chloride	4.811	84	114511	51.794	ug/l #	87
21) trans-1,2-Dichloroethene	5.322	96	111293	51.423	ug/l	90
22) Diisopropyl ether	6.216	45	288933	52.612	ug/l	92
23) Vinyl Acetate	6.158	43	610039	227.469	ug/l #	92
24) 1,1-Dichloroethane	6.122	63	189882	51.057	ug/l	98
25) 2-Butanone	7.081	43	138338	269.863	ug/l #	84
26) 2,2-Dichloropropane	7.081	77	162862	52.157	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	122764	52.715	ug/l	91
28) Bromochloromethane	7.434	49	76815	51.115	ug/l #	78
29) Tetrahydrofuran	7.446	42	84314	282.666	ug/l #	86
30) Chloroform	7.599	83	190502	51.181	ug/l	96
31) Cyclohexane	7.881	56	162305	48.715	ug/l	86
32) 1,1,1-Trichloroethane	7.799	97	165814	50.534	ug/l	99
36) 1,1-Dichloropropene	8.010	75	150530	50.013	ug/l	96
37) Ethyl Acetate	7.169	43	57231	48.765	ug/l	95
38) Carbon Tetrachloride	7.993	117	152677	50.882	ug/l	99
39) Methylcyclohexane	9.275	83	184912	51.823	ug/l	90
40) Benzene	8.252	78	430977	50.450	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	32201	53.983	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	115536	52.176	ug/l	95
43) Isopropyl Acetate	8.363	43	113465	54.388	ug/l #	91
44) Trichloroethene	9.034	130	115616	51.935	ug/l	92
45) 1,2-Dichloropropane	9.310	63	106831	51.443	ug/l	99
46) Dibromomethane	9.393	93	59053	53.743	ug/l	94
47) Bromodichloromethane	9.587	83	142388	51.125	ug/l	95
48) Methyl methacrylate	9.381	41	66465	56.045	ug/l #	76
49) 1,4-Dioxane	9.387	88	12474	1143.282	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	299794	281.568	ug/l	90
52) Toluene	10.334	92	276353	52.152	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	141259	52.817	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	169128	52.304	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	77290	51.424	ug/l	93
56) Ethyl methacrylate	10.598	69	72115	54.430	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	138644	53.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	208929	276.518	ug/l	96
59) 2-Hexanone	10.922	43	221393	250.629	ug/l	88
60) Dibromochloromethane	11.075	129	98623	54.501	ug/l	97
61) 1,2-Dibromoethane	11.181	107	75105	53.085	ug/l	100
64) Tetrachloroethene	10.810	164	93300	52.056	ug/l	95
65) Chlorobenzene	11.610	112	289505	50.377	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	101114	49.864	ug/l	98
67) Ethyl Benzene	11.687	91	531059	52.309	ug/l	98
68) m/p-Xylenes	11.798	106	407985	105.061	ug/l	90
69) o-Xylene	12.122	106	189879	53.055	ug/l	93
70) Styrene	12.140	104	282456	53.076	ug/l	94
71) Bromoform	12.304	173	58274	54.999	ug/l #	100
73) Isopropylbenzene	12.422	105	505691	51.976	ug/l	96
74) N-amyl acetate	12.234	43	104050	54.405	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	91913	54.180	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	115397	103.504	ug/l #	100
77) Bromobenzene	12.704	156	120079	52.471	ug/l	92
78) n-propylbenzene	12.763	91	622003	52.465	ug/l	97
79) 2-Chlorotoluene	12.851	91	328633	51.724	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	427768	52.715	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	30420	55.281	ug/l	96
82) 4-Chlorotoluene	12.951	91	344810	51.913	ug/l	96
83) tert-Butylbenzene	13.169	119	365845	53.403	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	426419	52.539	ug/l	97
85) sec-Butylbenzene	13.345	105	537267	53.056	ug/l	98
86) p-Isopropyltoluene	13.463	119	492737	54.348	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	243648	52.063	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	236953	50.751	ug/l	97
89) n-Butylbenzene	13.787	91	470144	55.110	ug/l	98
90) Hexachloroethane	14.057	117	87236	52.320	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	209450	52.624	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13972	56.993	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	141973	52.221	ug/l	98
94) Hexachlorobutadiene	15.204	225	80730	55.067	ug/l	98
95) Naphthalene	15.334	128	266911	59.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	124455	55.528	ug/l	99

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ClientSampleId :
VSTDCCC050

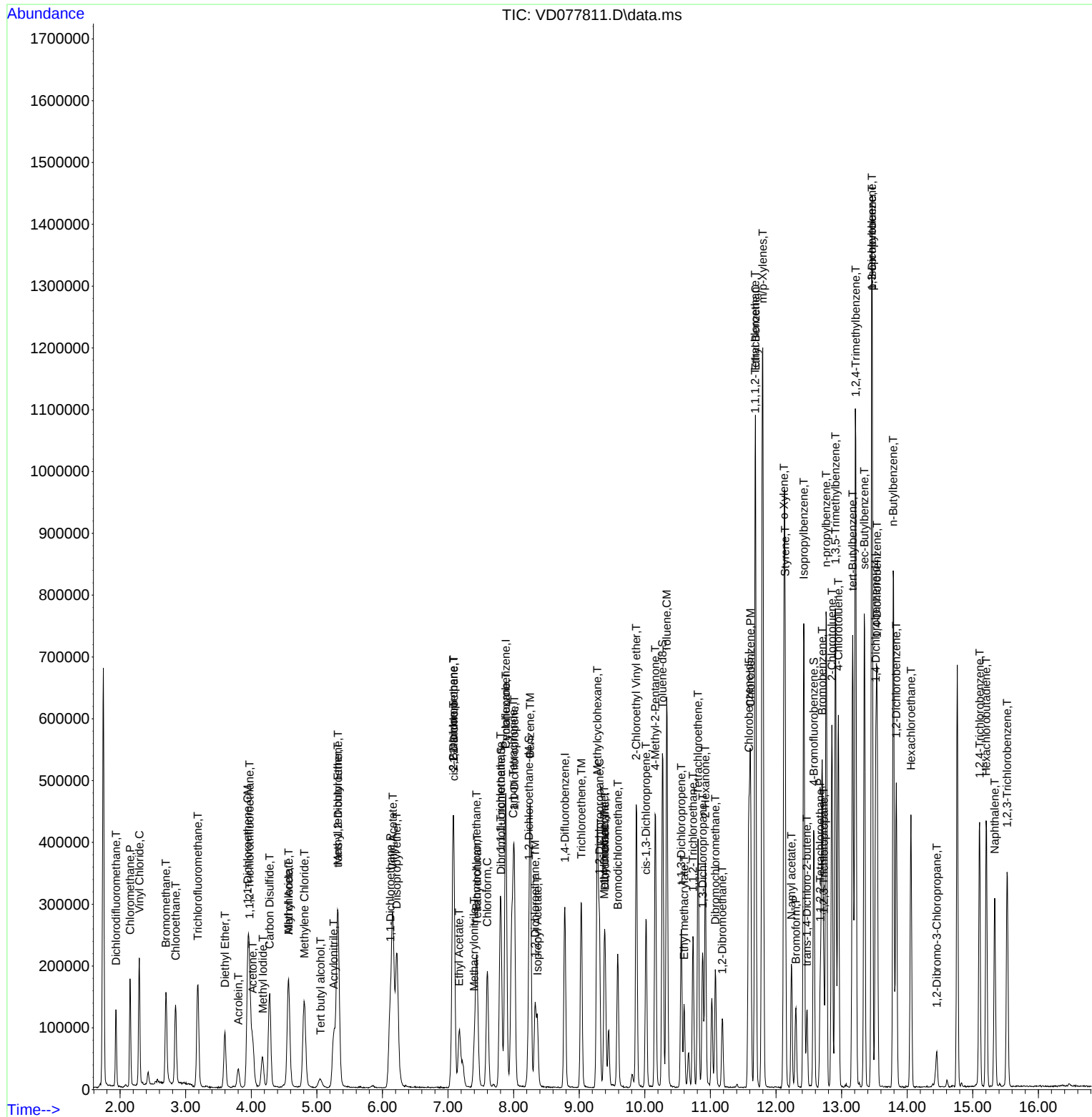
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Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 2023
Response via : Initial Calibration

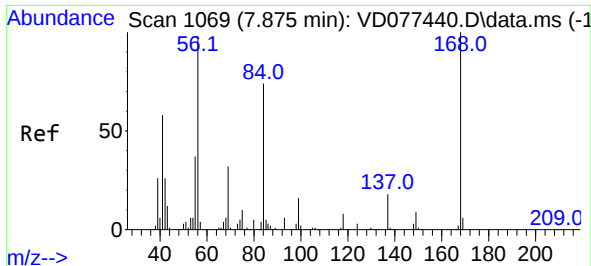
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
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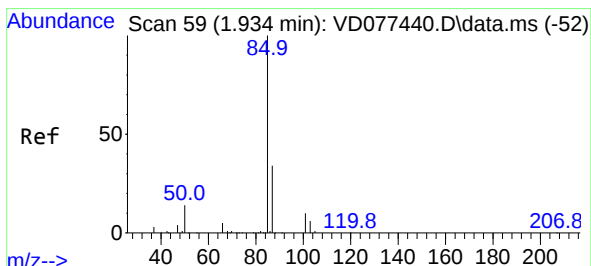
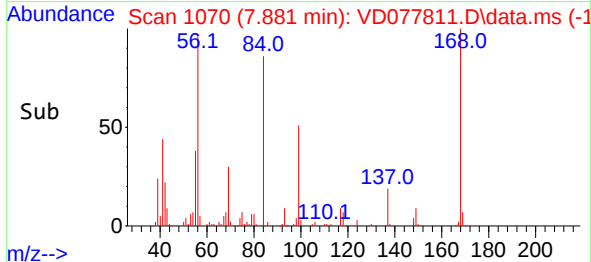
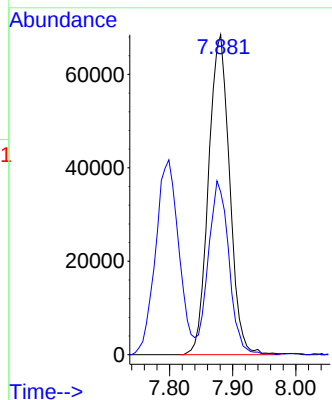
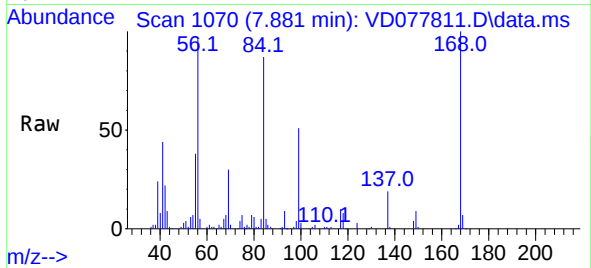




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
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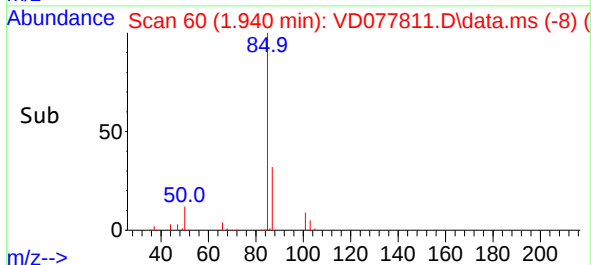
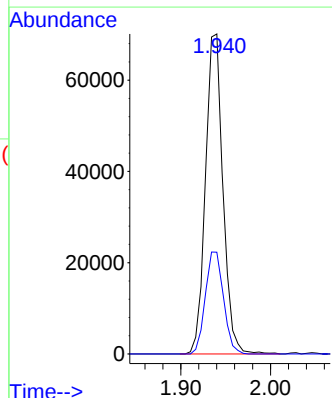
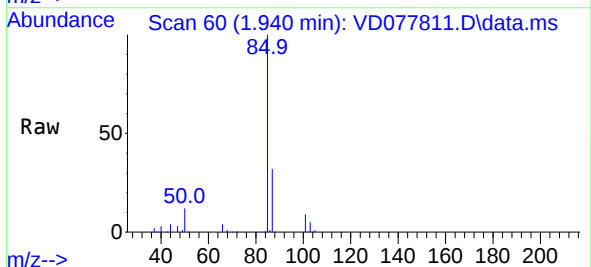
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

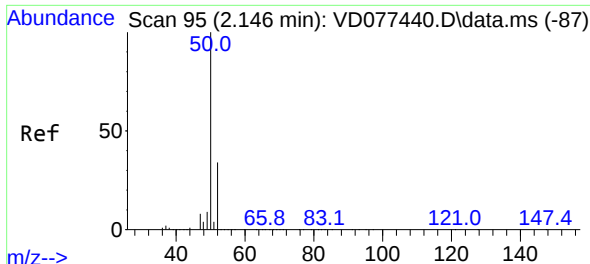
Tgt Ion:168 Resp: 158963
Ion Ratio Lower Upper
168 100
99 50.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 47.811 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 85 Resp: 94938
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0

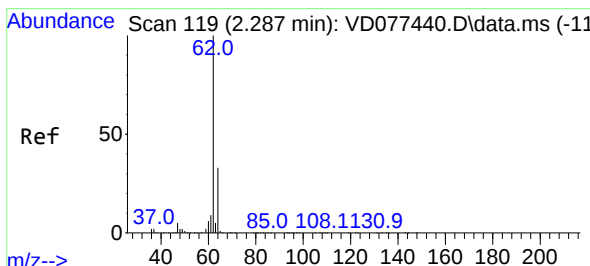
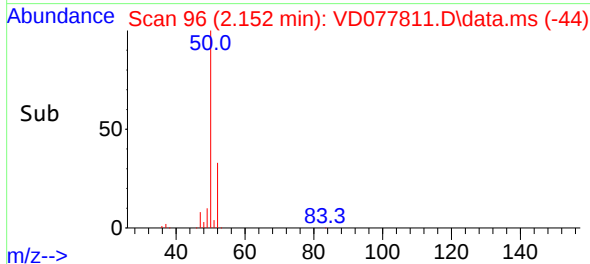
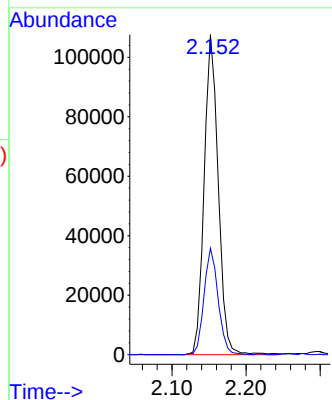
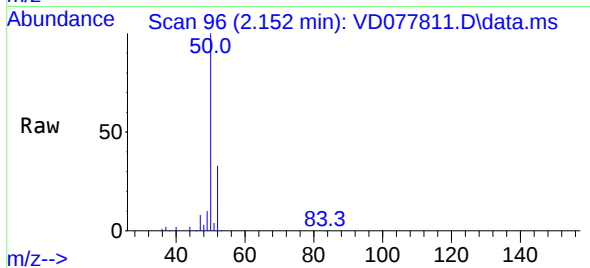




#3
Chloromethane
Concen: 52.630 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

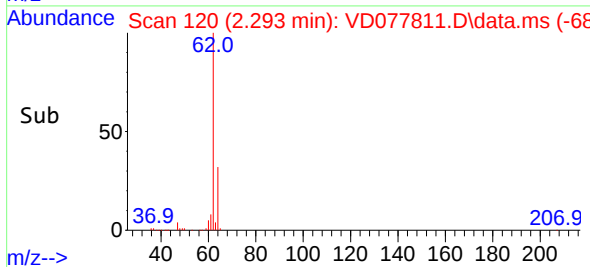
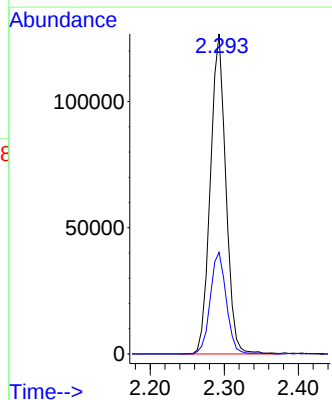
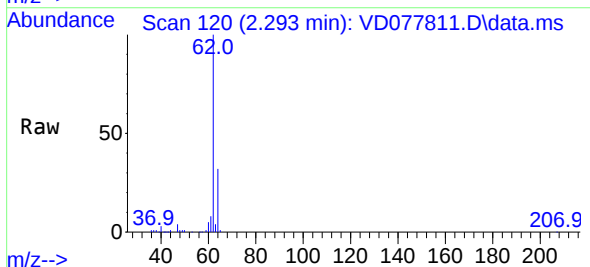
Instrument :
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ClientSampleId :
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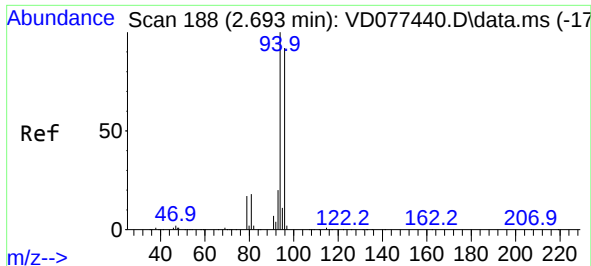
Tgt Ion: 50 Resp: 142451
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0



#4
Vinyl Chloride
Concen: 50.043 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 62 Resp: 183882
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0

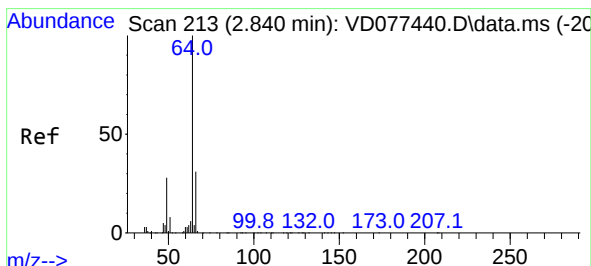
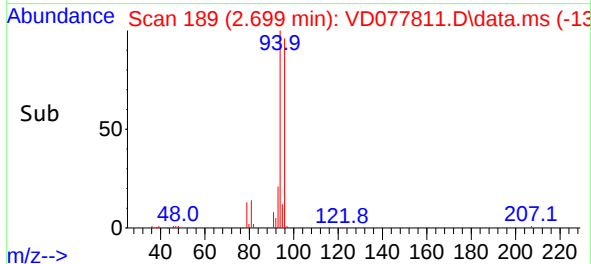
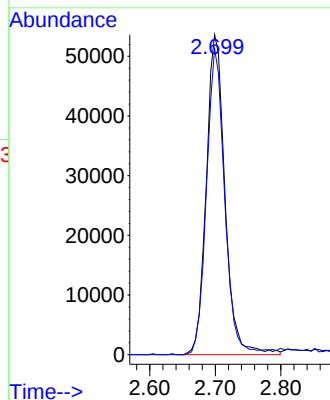
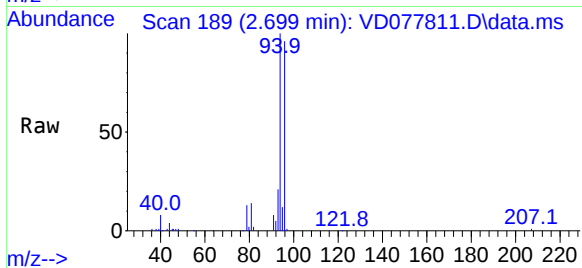




#5
Bromomethane
Concen: 51.744 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

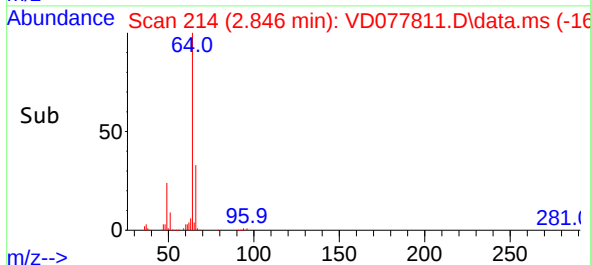
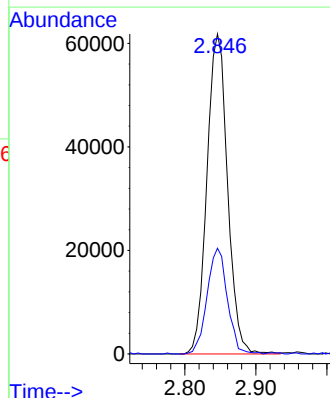
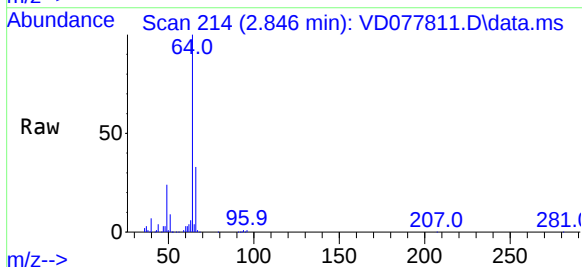
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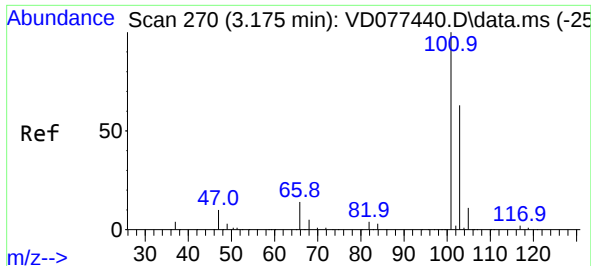
Tgt Ion: 94 Resp: 106687
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.8



#6
Chloroethane
Concen: 49.767 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 64 Resp: 124673
Ion Ratio Lower Upper
64 100
66 33.0 25.5 38.3

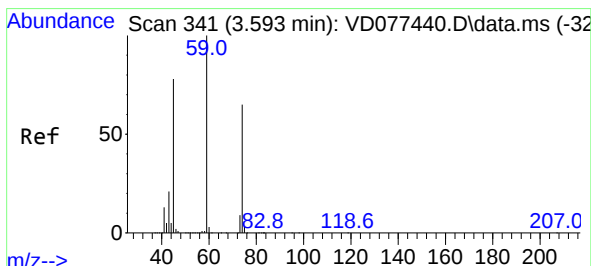
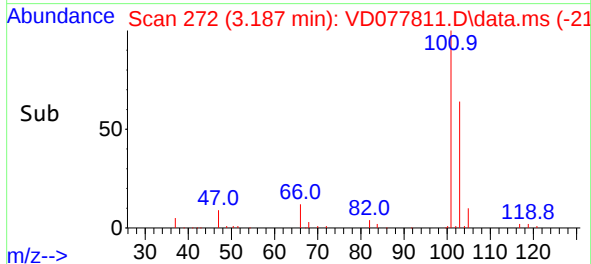
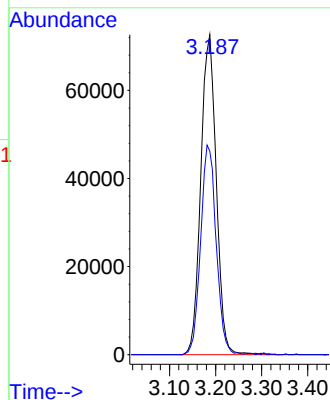
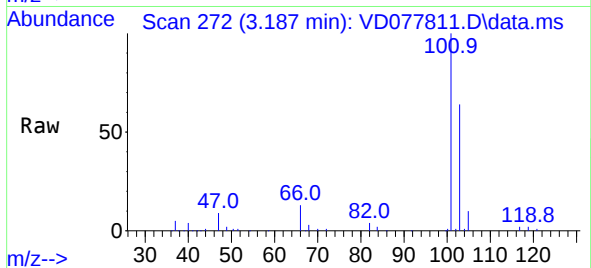




#7
Trichlorofluoromethane
Concen: 50.412 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

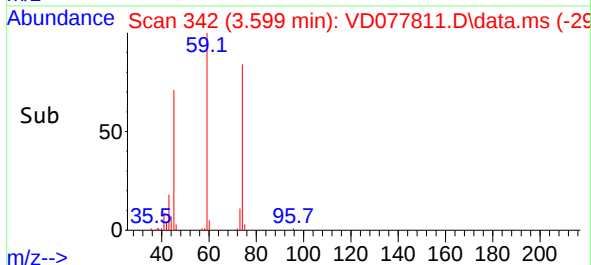
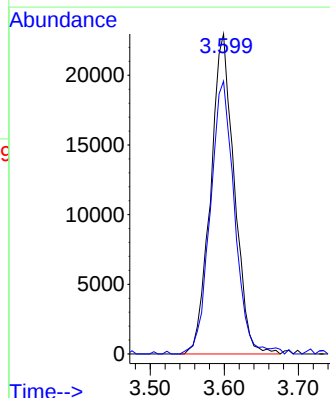
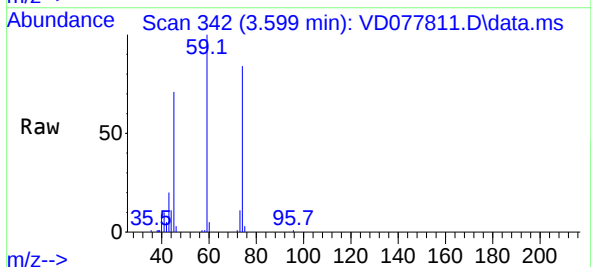
Instrument :
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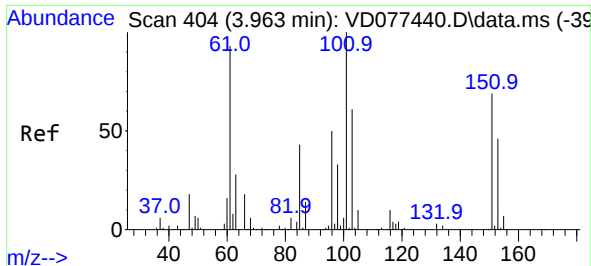
Tgt Ion:101 Resp: 170603
Ion Ratio Lower Upper
101 100
103 63.6 52.3 78.5



#8
Diethyl Ether
Concen: 53.648 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 74 Resp: 50980
Ion Ratio Lower Upper
74 100
45 87.5 37.5 112.7

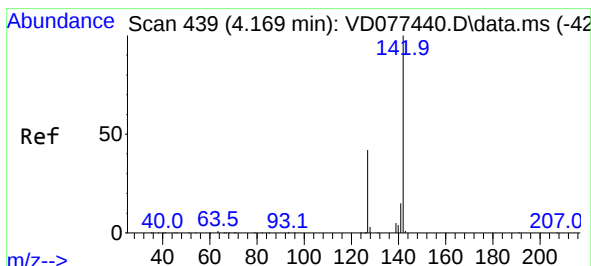
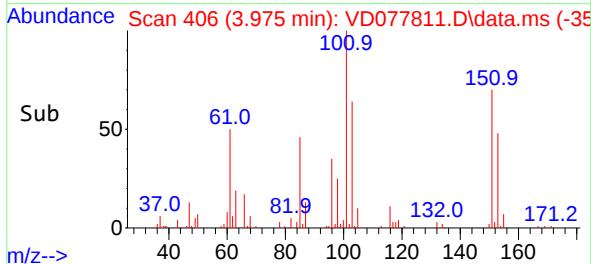
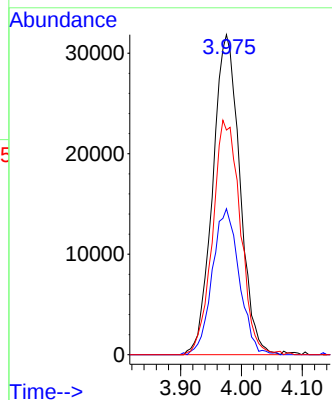
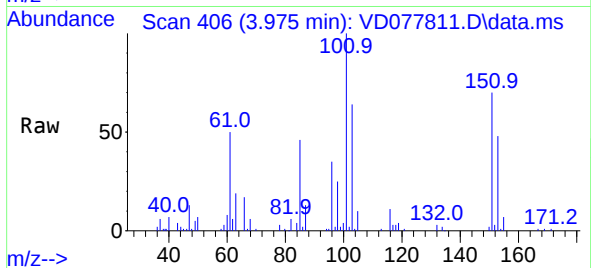




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.822 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

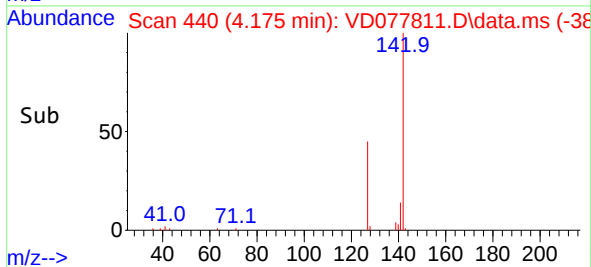
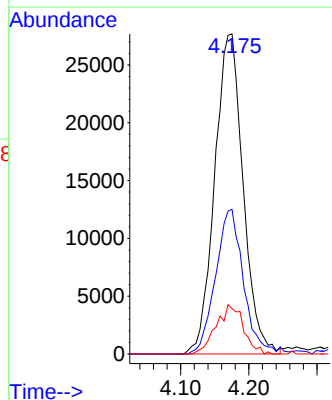
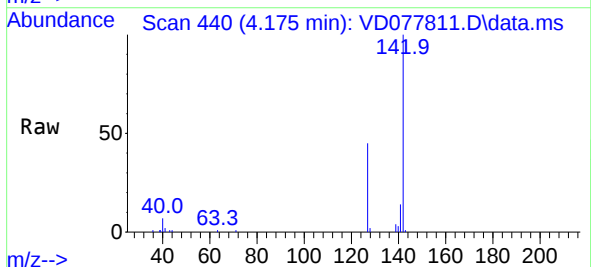
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

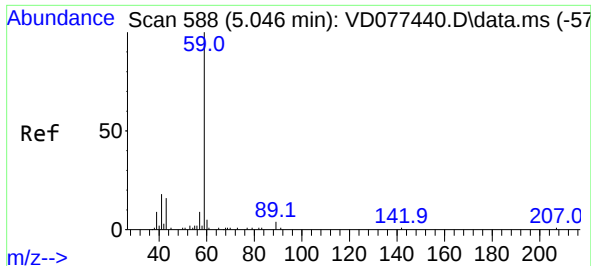
Tgt Ion:101 Resp: 98392
Ion Ratio Lower Upper
101 100
85 45.4 33.8 50.6
151 75.2 59.8 89.6



#10
Methyl Iodide
Concen: 47.659 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion:142 Resp: 80248
Ion Ratio Lower Upper
142 100
127 44.5 29.4 44.0#
141 14.8 11.1 16.7

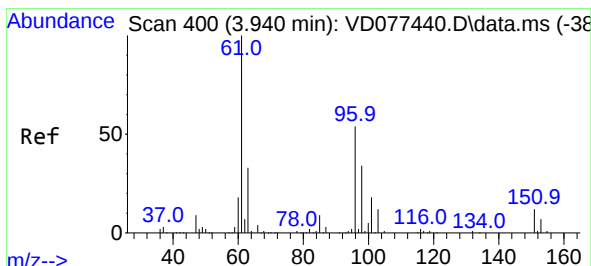
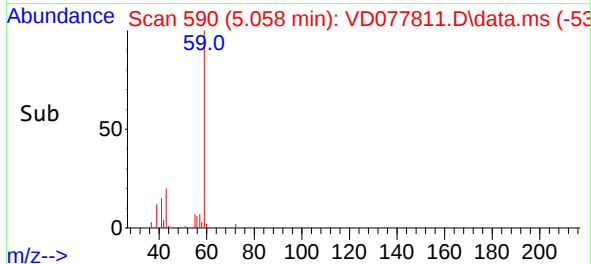
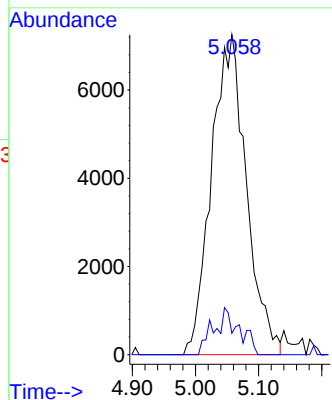
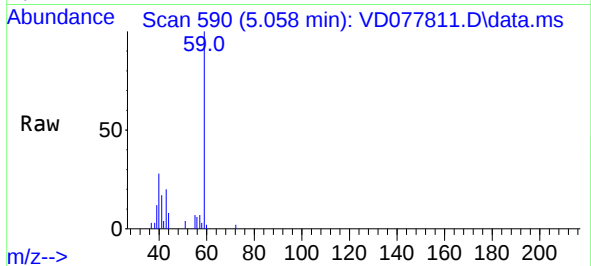




#11
Tert butyl alcohol
Concen: 311.764 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

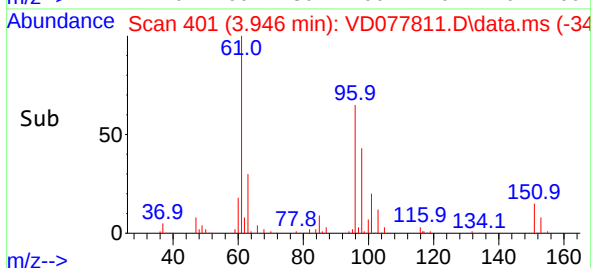
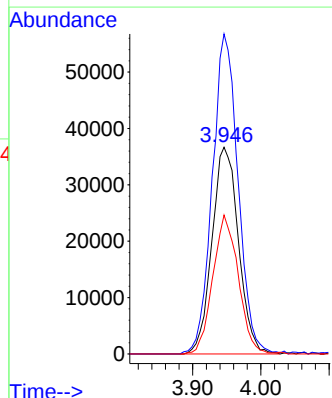
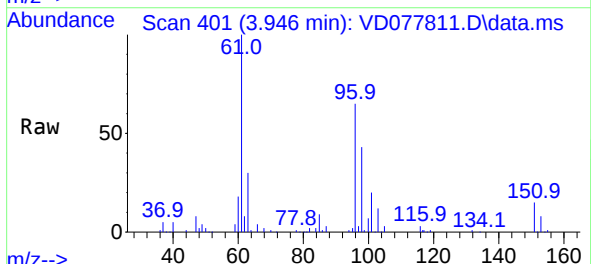
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

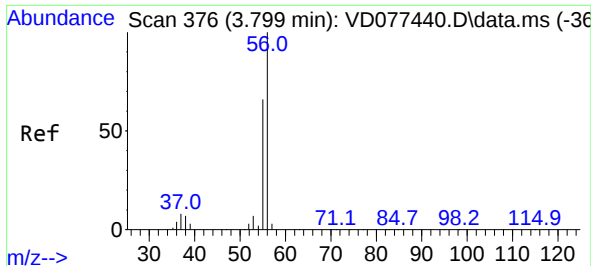
Tgt Ion: 59 Resp: 27871
Ion Ratio Lower Upper
59 100
57 3.6 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 51.918 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 96 Resp: 99204
Ion Ratio Lower Upper
96 100
61 154.8 100.6 150.8#
98 67.2 50.2 75.2

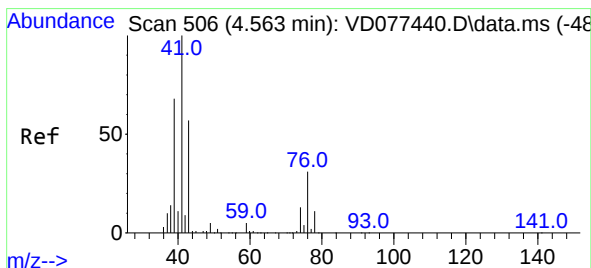
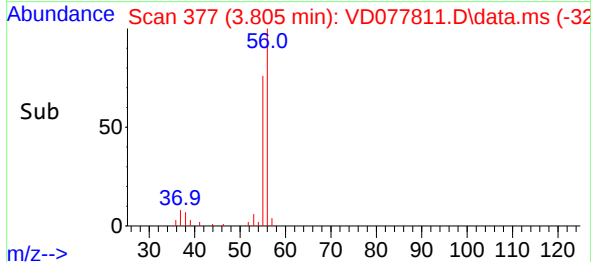
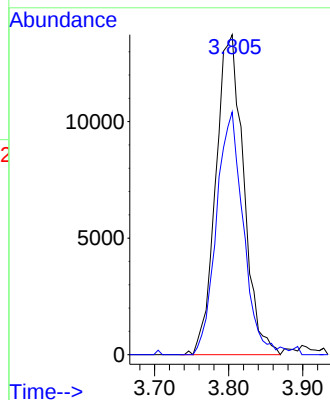
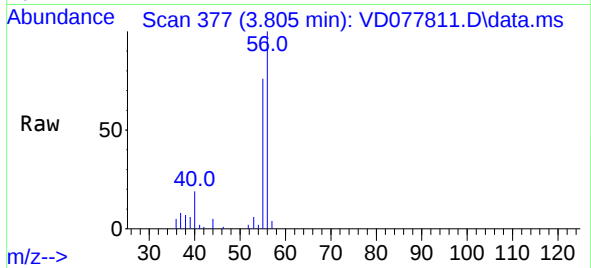




#13
Acrolein
Concen: 180.348 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

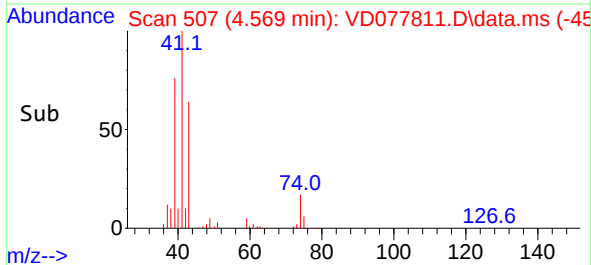
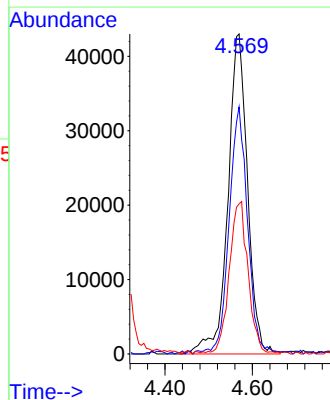
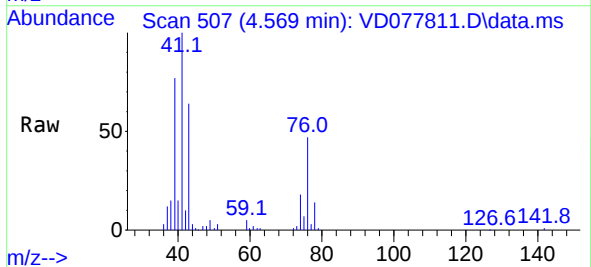
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

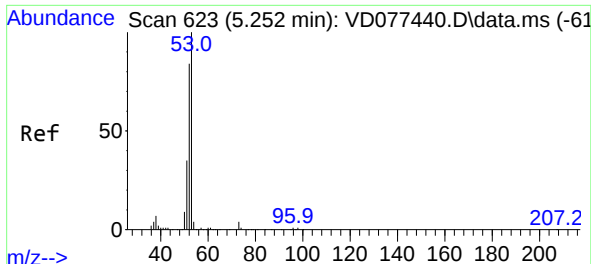
Tgt Ion: 56 Resp: 35735
Ion Ratio Lower Upper
56 100
55 73.9 55.1 82.7



#14
Allyl chloride
Concen: 50.947 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 41 Resp: 133889
Ion Ratio Lower Upper
41 100
39 70.7 53.8 80.6
76 44.6 45.8 68.8#

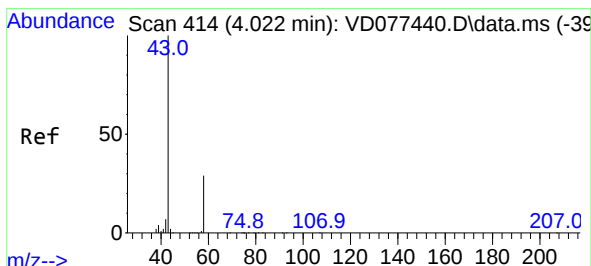
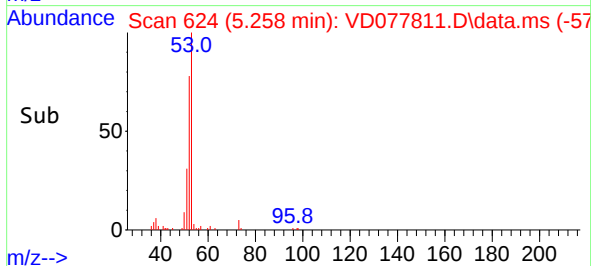
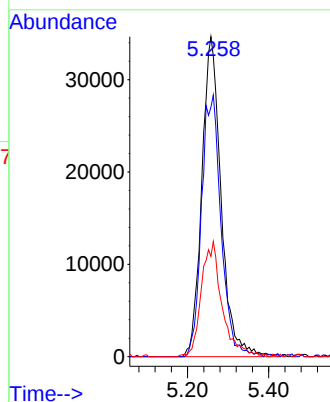
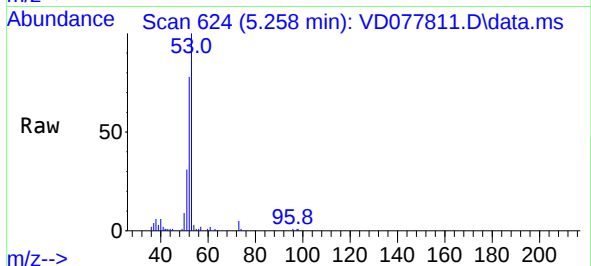




#15
Acrylonitrile
Concen: 280.830 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

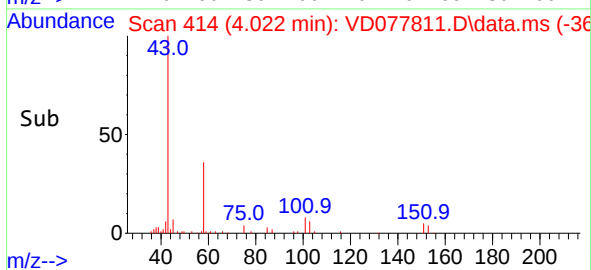
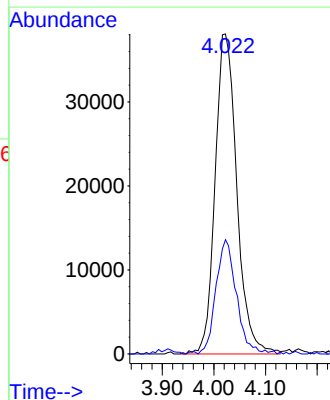
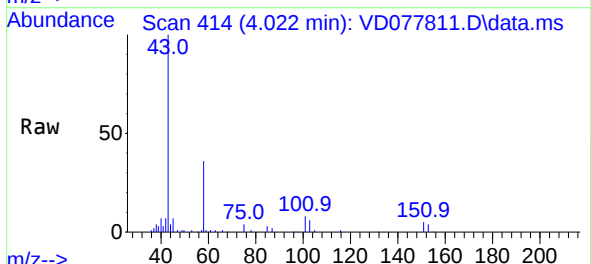
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

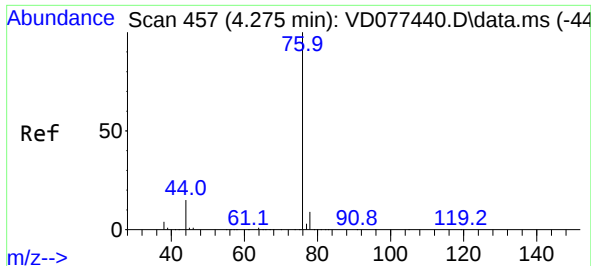
Tgt Ion: 53 Resp: 114260
Ion Ratio Lower Upper
53 100
52 82.7 65.0 97.4
51 38.5 28.3 42.5



#16
Acetone
Concen: 278.463 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 43 Resp: 111274
Ion Ratio Lower Upper
43 100
58 35.1 34.7 52.1

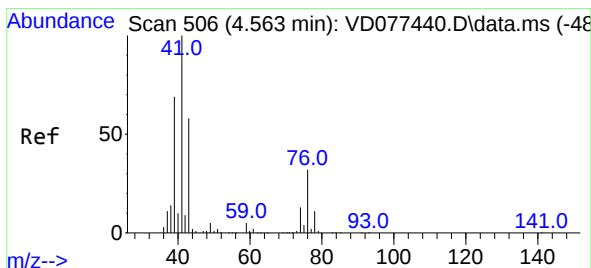
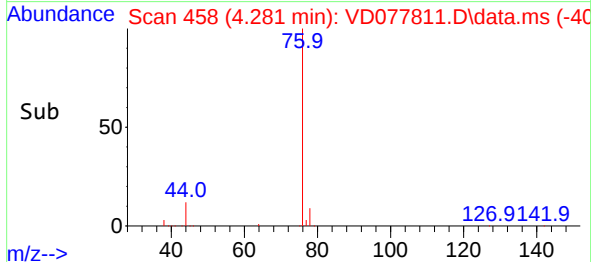
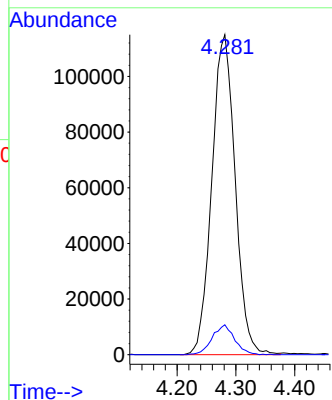
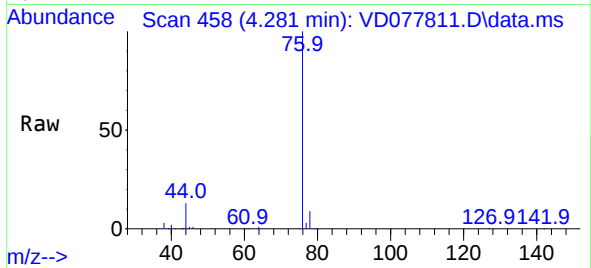




#17
Carbon Disulfide
Concen: 49.038 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

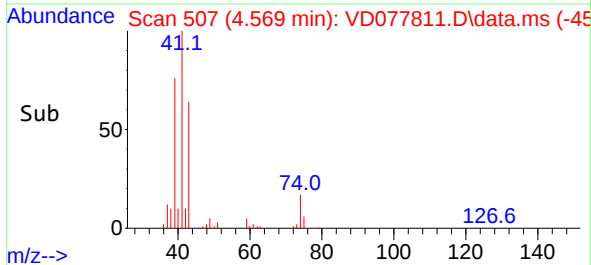
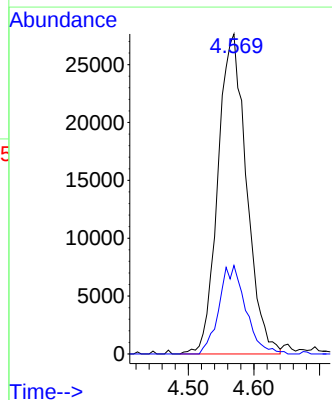
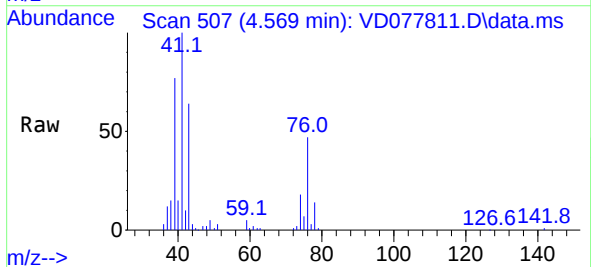
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

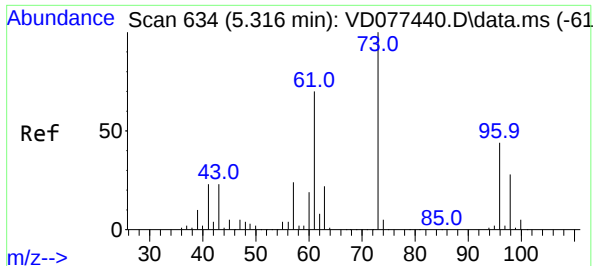
Tgt Ion: 76 Resp: 317008
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 56.677 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 43 Resp: 83611
Ion Ratio Lower Upper
43 100
74 25.8 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 55.423 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077811.D

Acq: 11 Dec 2023 14:38

Instrument :

MSVOA_D

ClientSampleId :

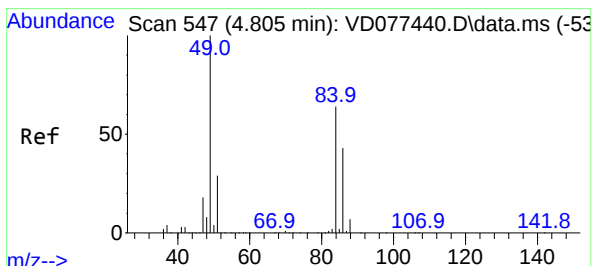
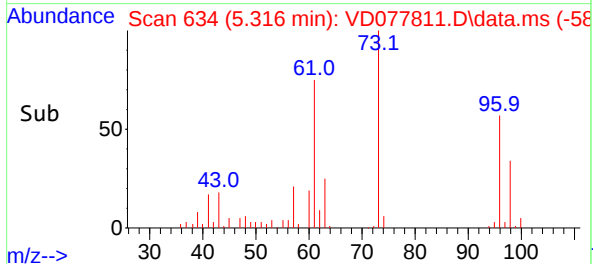
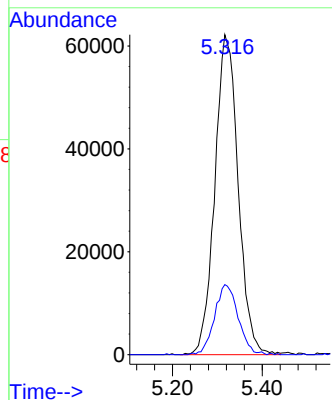
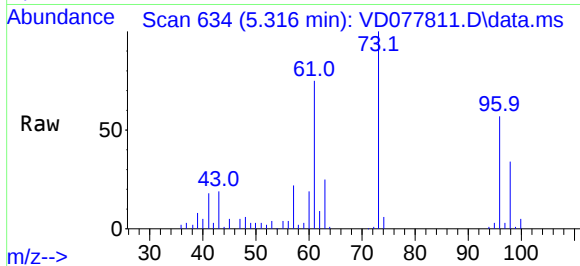
VSTDCCC050

Tgt Ion: 73 Resp: 224685

Ion Ratio Lower Upper

73 100

57 21.9 16.6 25.0



#20

Methylene Chloride

Concen: 51.794 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD077811.D

Acq: 11 Dec 2023 14:38

Tgt Ion: 84 Resp: 114511

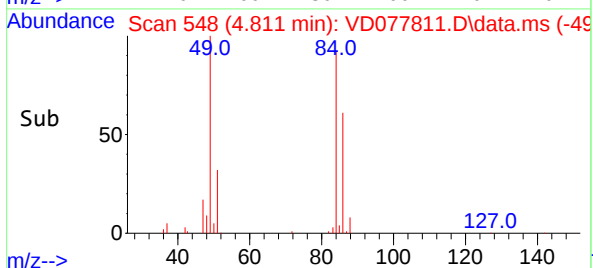
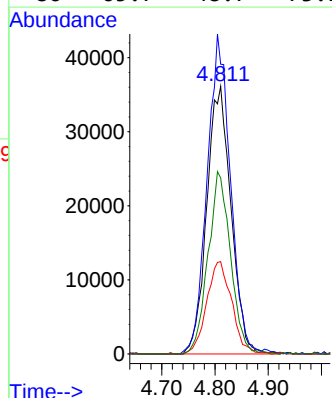
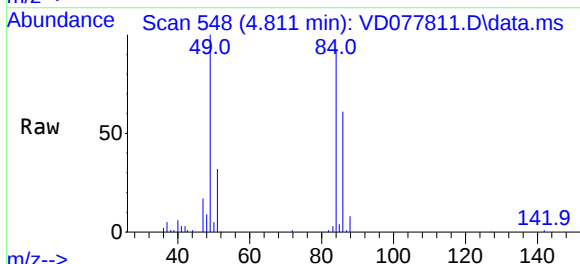
Ion Ratio Lower Upper

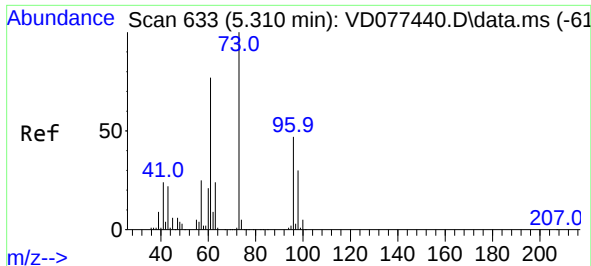
84 100

49 108.2 71.4 107.2#

51 34.5 24.5 36.7

86 65.7 48.7 73.1

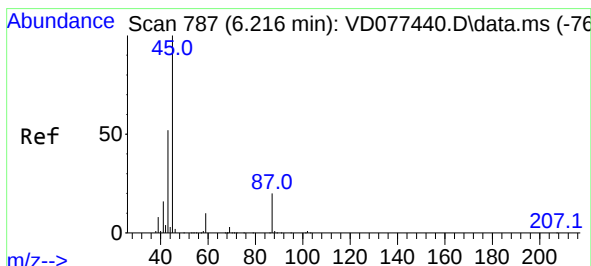
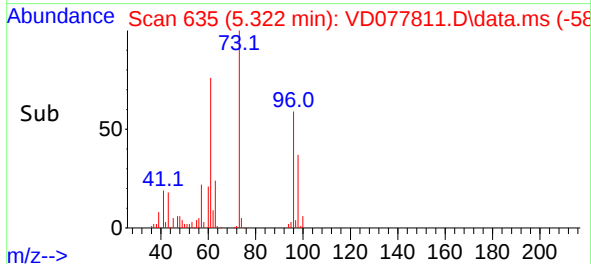
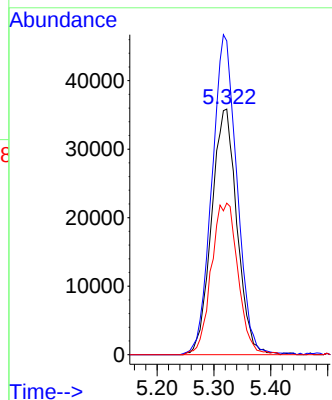
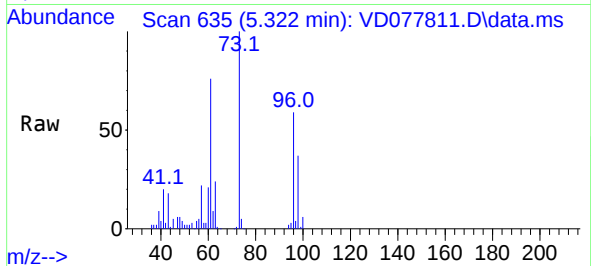




#21
trans-1,2-Dichloroethene
Concen: 51.423 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.012 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

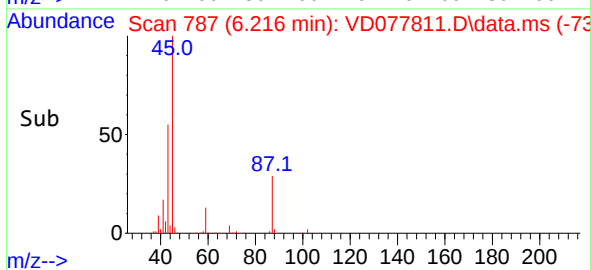
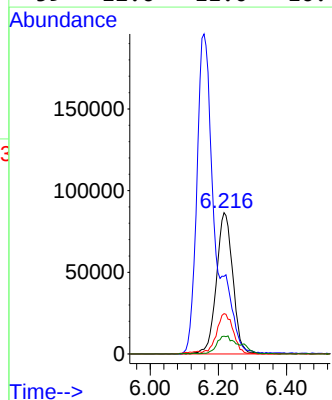
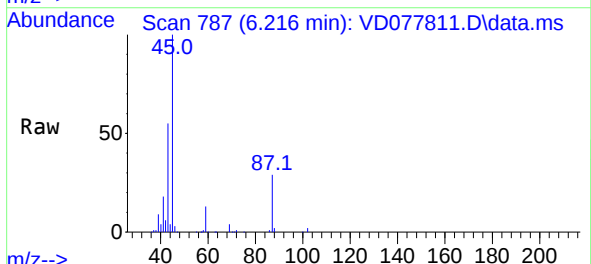
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

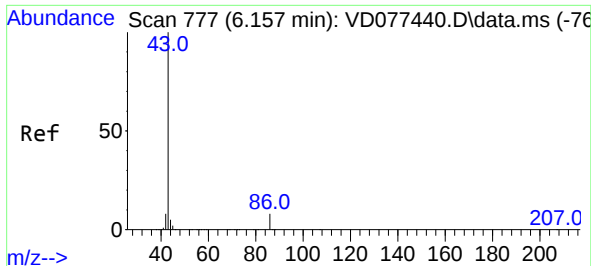
Tgt Ion: 96 Resp: 111293
Ion Ratio Lower Upper
96 100
61 127.7 89.3 133.9
98 61.7 48.6 73.0



#22
Diisopropyl ether
Concen: 52.612 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 45 Resp: 288933
Ion Ratio Lower Upper
45 100
43 55.0 40.0 60.0
87 28.5 28.2 42.4
59 12.6 11.0 16.4

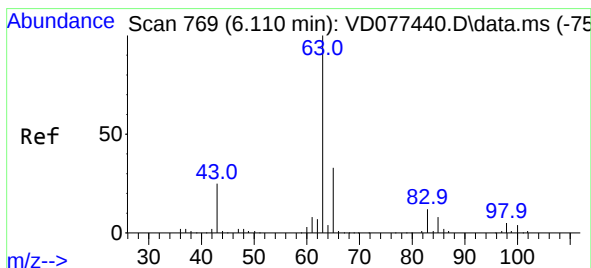
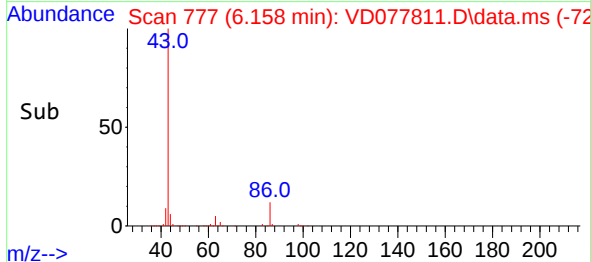
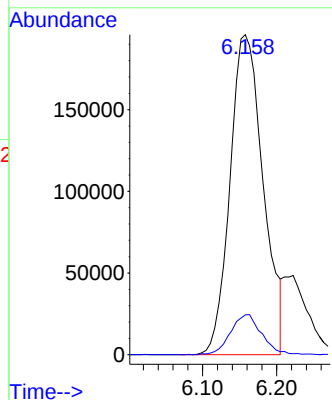
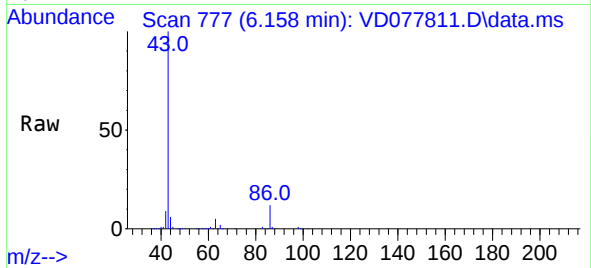




#23
 Vinyl Acetate
 Concen: 227.469 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.001 min
 Lab File: VD077811.D
 Acq: 11 Dec 2023 14:38

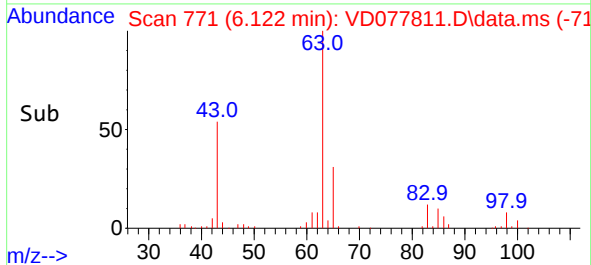
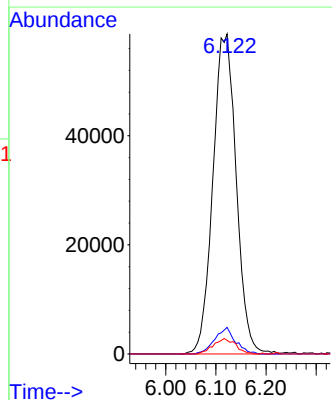
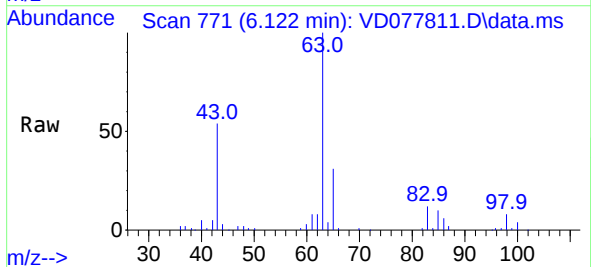
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

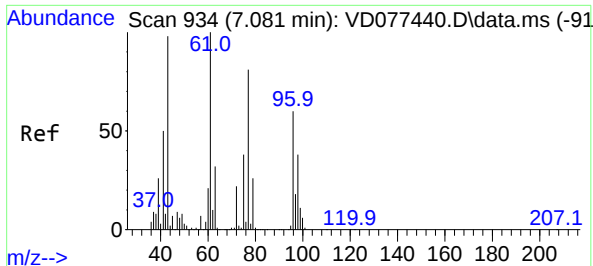
Tgt Ion: 43 Resp: 610039
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 51.057 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD077811.D
 Acq: 11 Dec 2023 14:38

Tgt Ion: 63 Resp: 189882
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 4.3 2.5 7.5

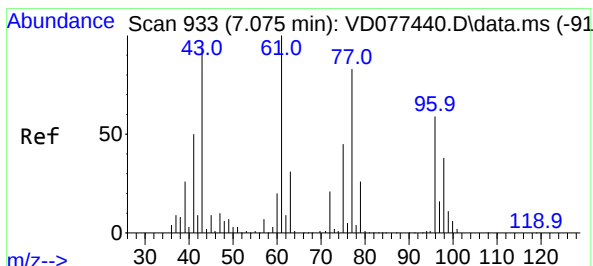
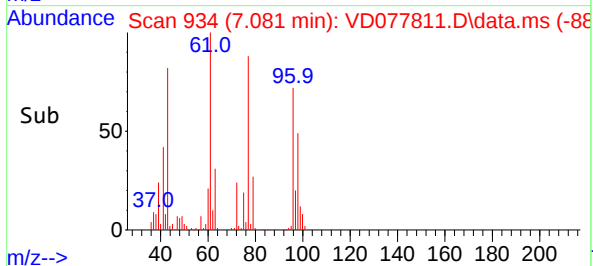
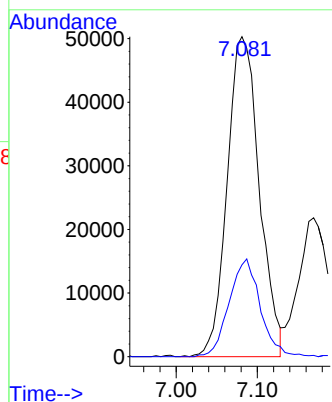
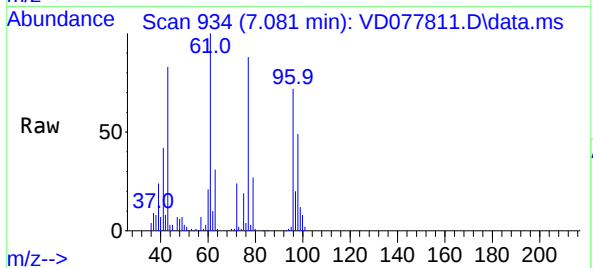




#25
2-Butanone
Concen: 269.863 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

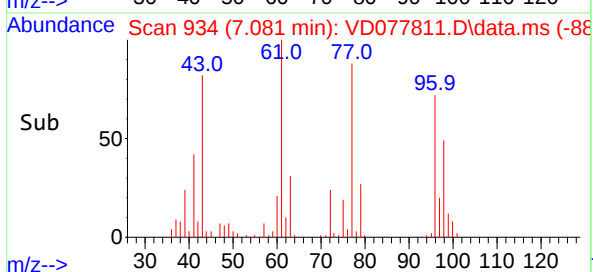
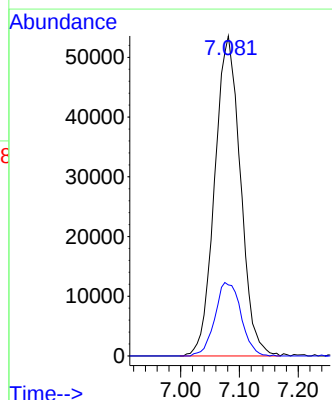
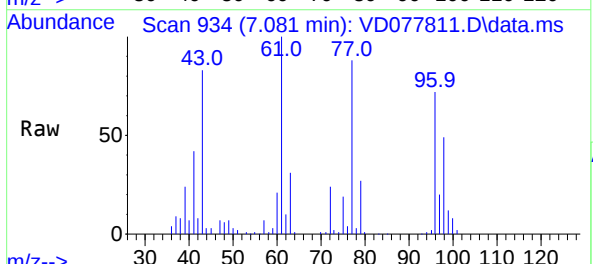
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

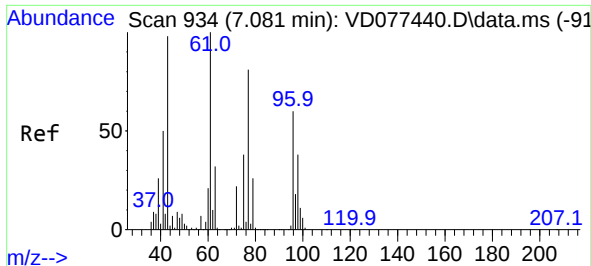
Tgt Ion: 43 Resp: 138338
Ion Ratio Lower Upper
43 100
72 28.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 52.157 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 77 Resp: 162862
Ion Ratio Lower Upper
77 100
97 23.3 13.2 39.6

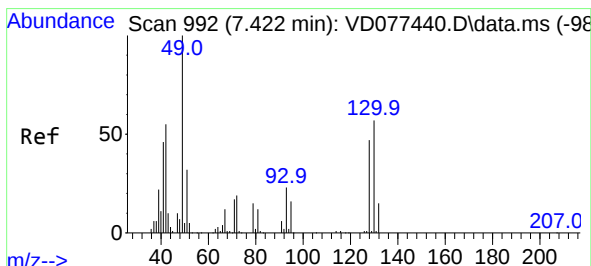
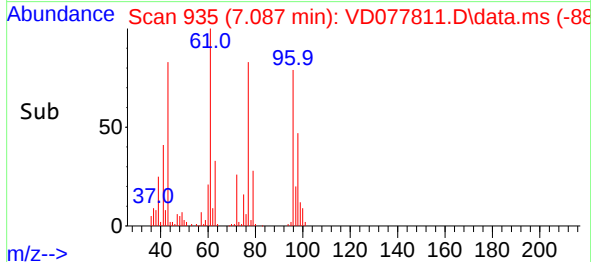
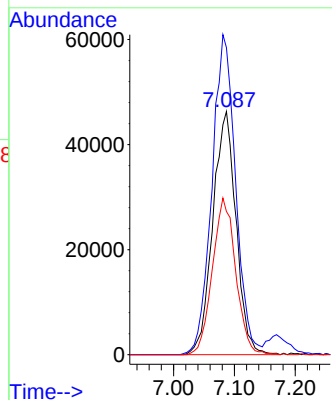
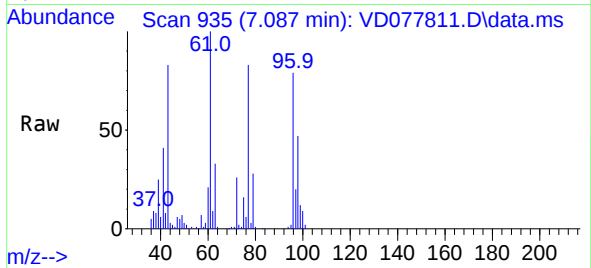




#27
cis-1,2-Dichloroethene
Concen: 52.715 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

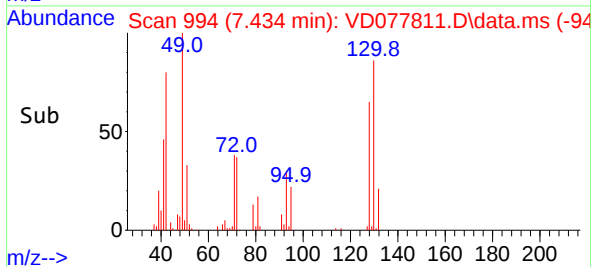
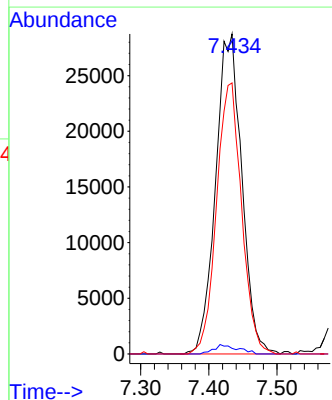
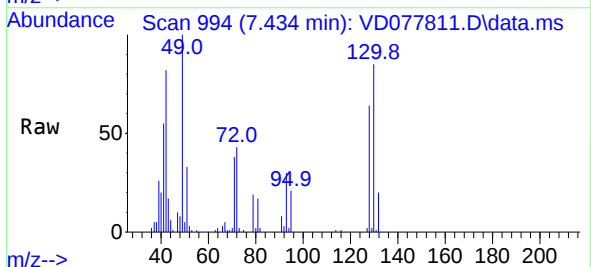
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

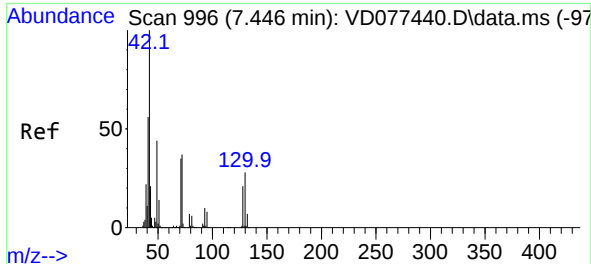
Tgt Ion: 96 Resp: 122764
Ion Ratio Lower Upper
96 100
61 134.1 0.0 239.2
98 64.5 0.0 128.6



#28
Bromochloromethane
Concen: 51.115 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.012 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 49 Resp: 76815
Ion Ratio Lower Upper
49 100
129 2.6 0.0 6.0
130 81.0 83.2 124.8#

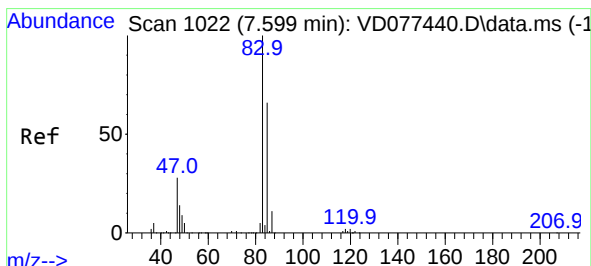
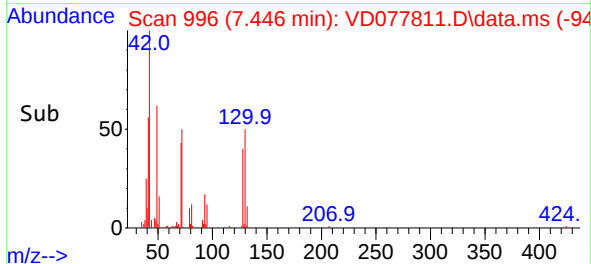
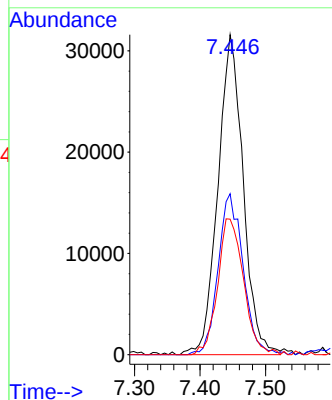
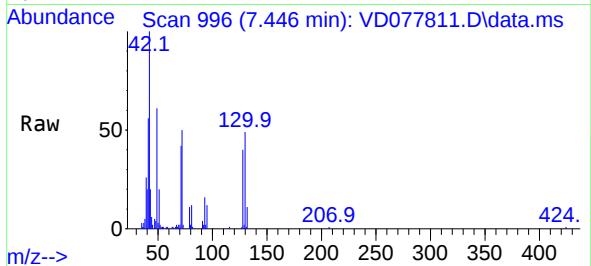




#29
Tetrahydrofuran
Concen: 282.666 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

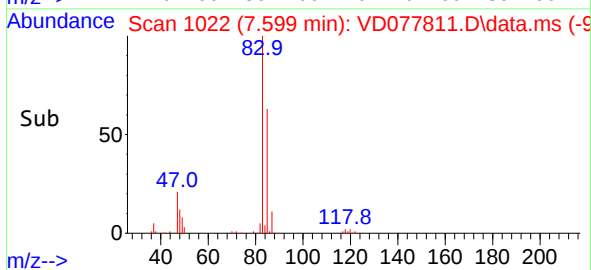
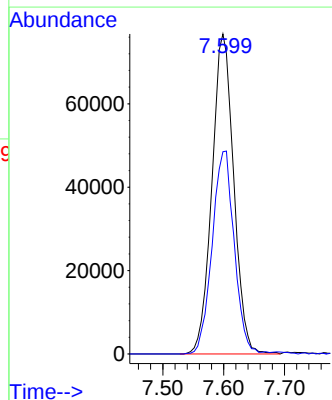
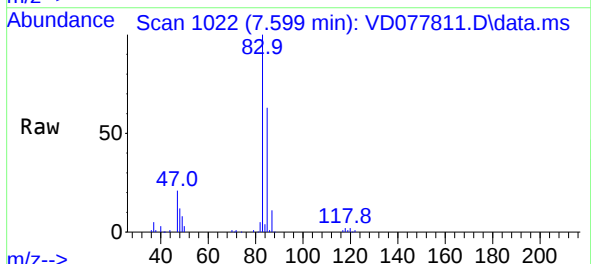
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

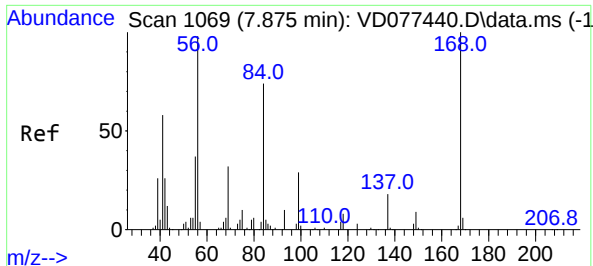
Tgt Ion: 42 Resp: 84314
Ion Ratio Lower Upper
42 100
72 49.9 46.5 69.7
71 43.7 44.5 66.7#



#30
Chloroform
Concen: 51.181 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 83 Resp: 190502
Ion Ratio Lower Upper
83 100
85 63.2 53.4 80.2

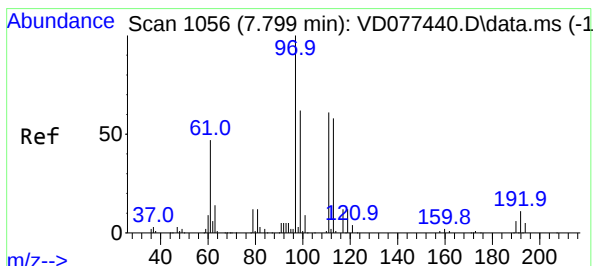
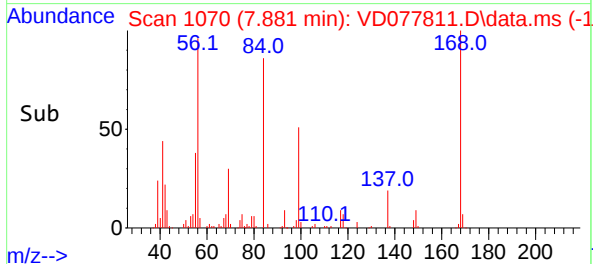
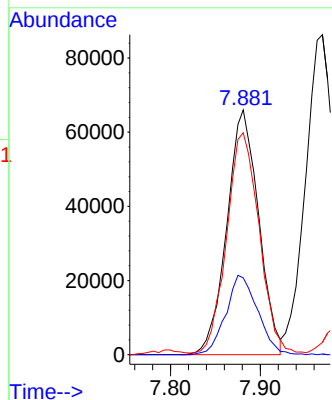
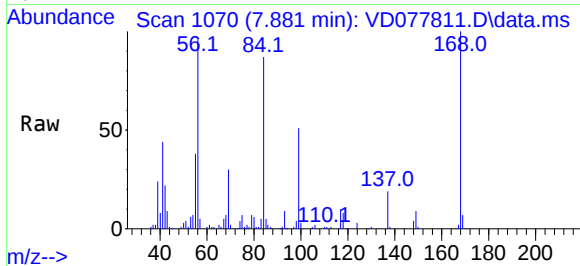




#31
Cyclohexane
Concen: 48.715 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

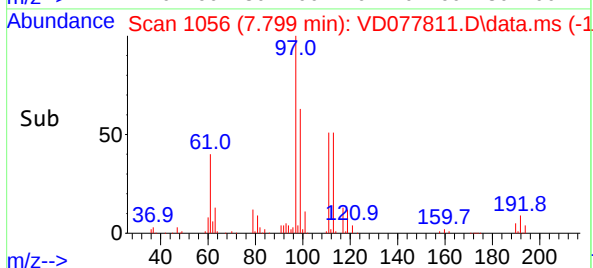
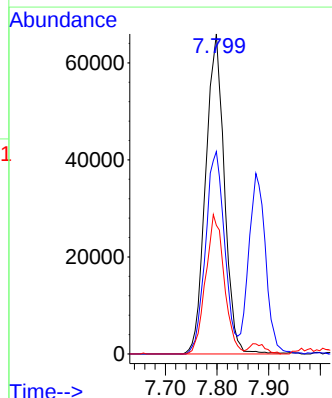
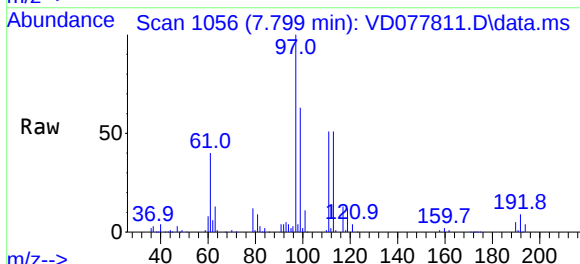
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

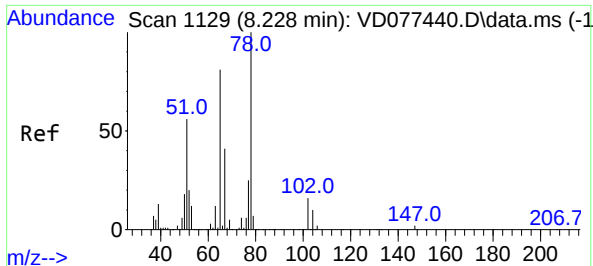
Tgt Ion: 56 Resp: 162305
Ion Ratio Lower Upper
56 100
69 31.4 28.6 43.0
84 89.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 50.534 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 97 Resp: 165814
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 43.4 33.8 50.8

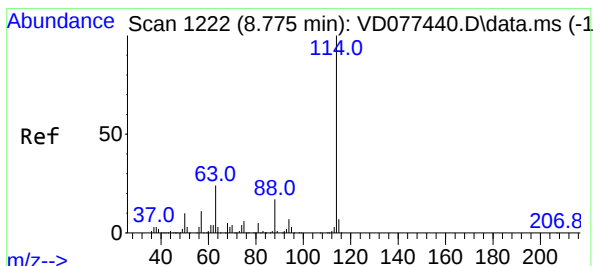
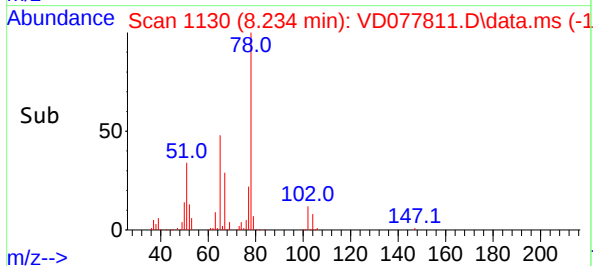
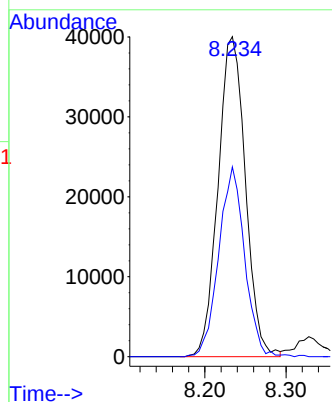
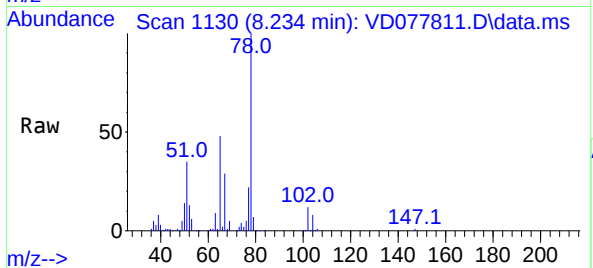




#33
1,2-Dichloroethane-d4
Concen: 50.018 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

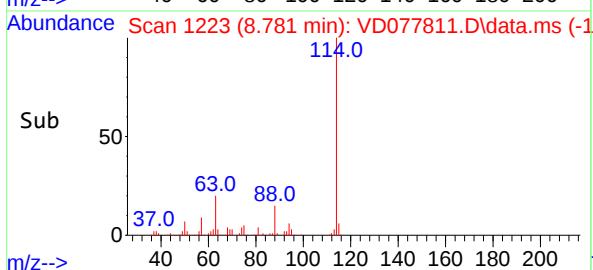
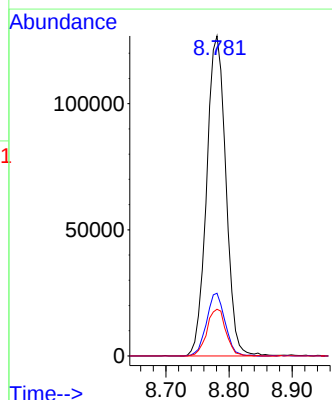
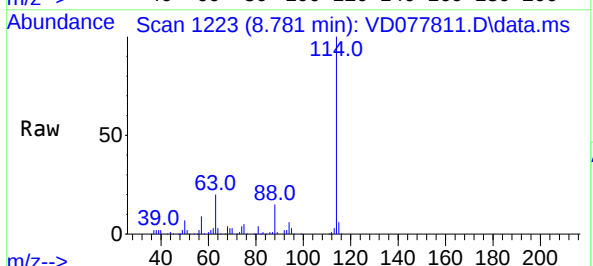
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

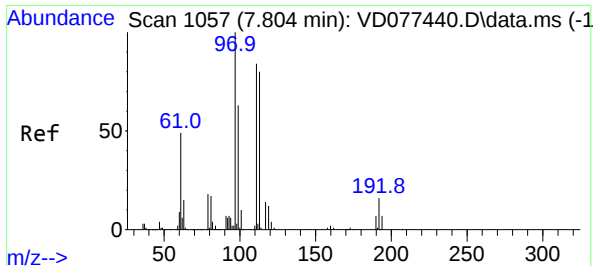
Tgt Ion: 65 Resp: 93691
Ion Ratio Lower Upper
65 100
67 56.2 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 114 Resp: 268632
Ion Ratio Lower Upper
114 100
63 19.6 0.0 33.4
88 14.6 0.0 26.2

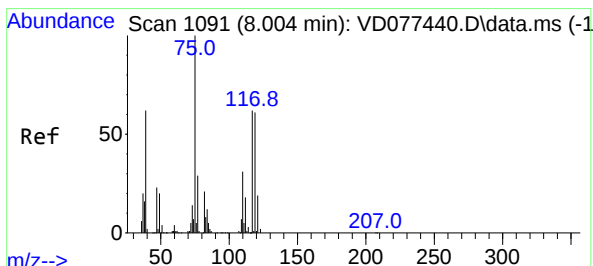
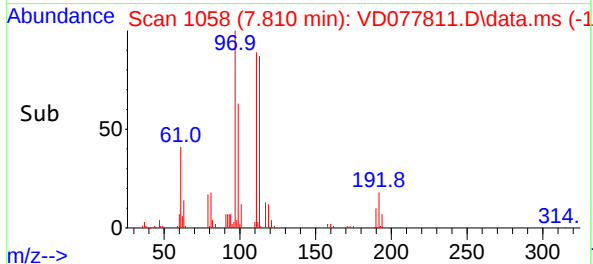
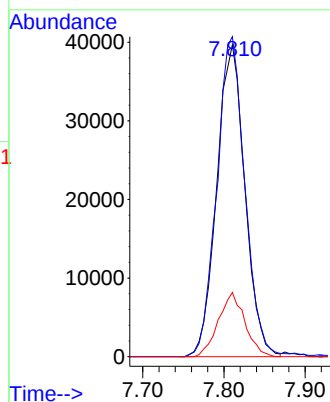
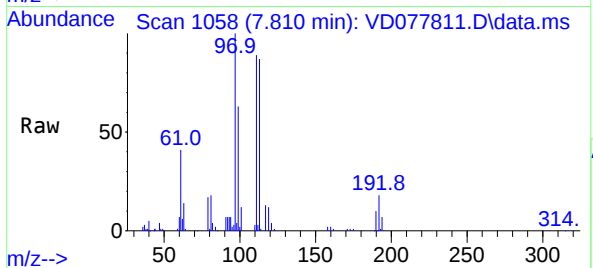




#35
Dibromofluoromethane
Concen: 50.850 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

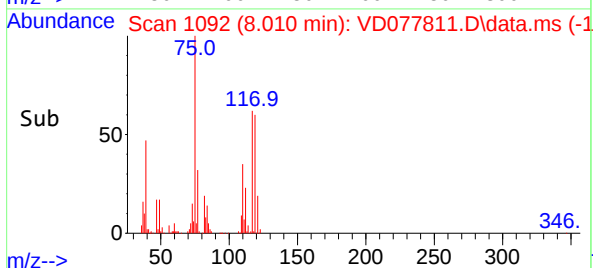
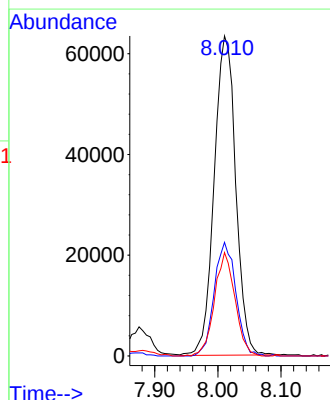
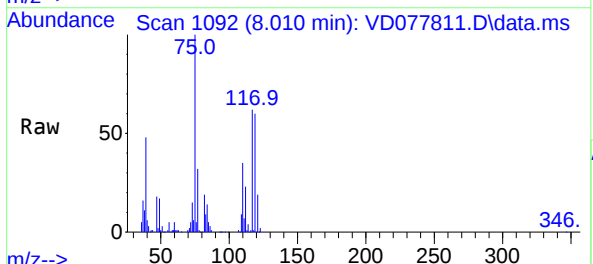
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

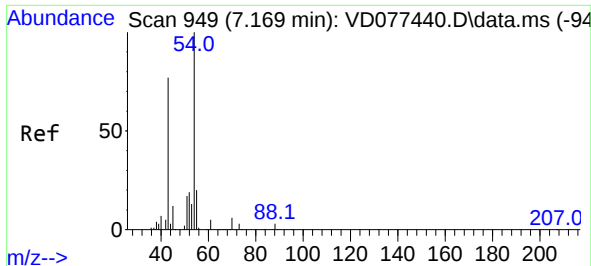
Tgt Ion:113 Resp: 95683
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 19.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.013 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 75 Resp: 150530
Ion Ratio Lower Upper
75 100
110 35.8 19.9 59.6
77 30.9 24.7 37.1

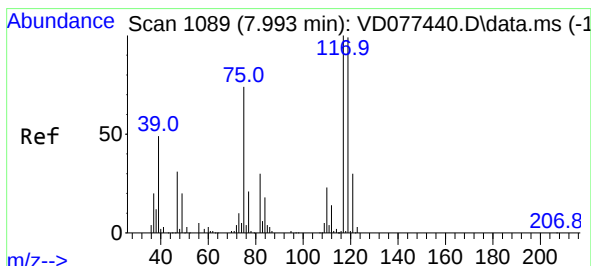
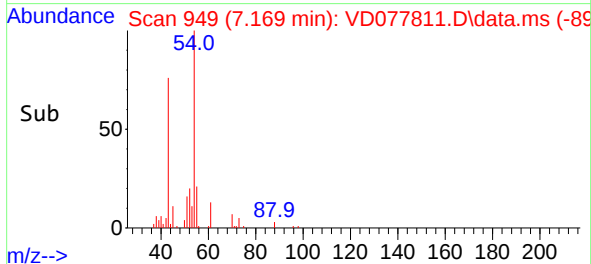
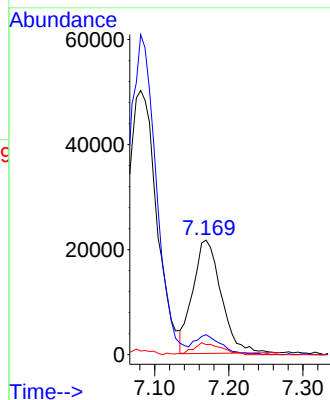
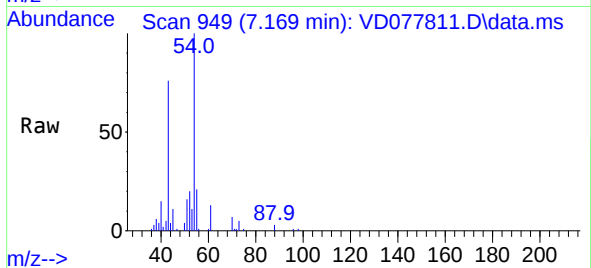




#37
Ethyl Acetate
Concen: 48.765 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

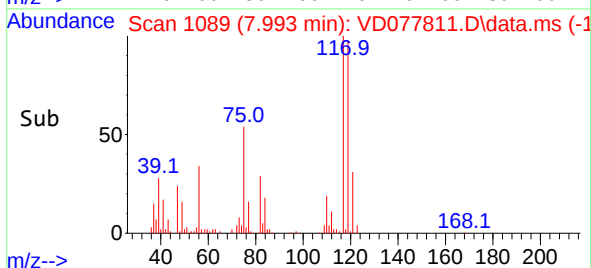
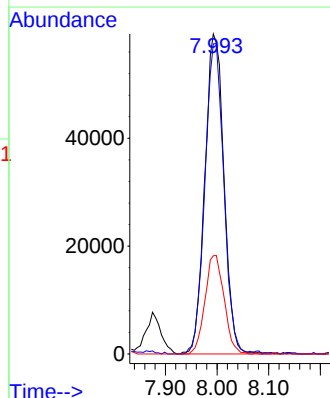
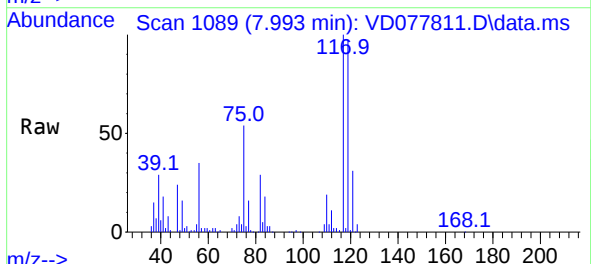
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

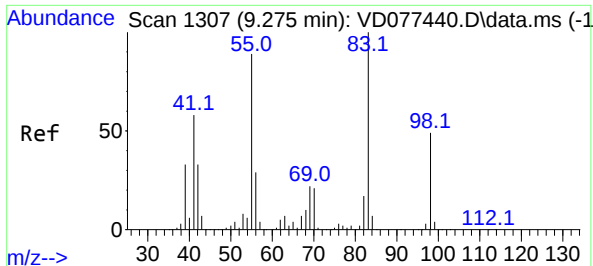
Tgt Ion: 43 Resp: 57231
Ion Ratio Lower Upper
43 100
61 16.3 14.9 22.3
70 10.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 50.882 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 117 Resp: 152677
Ion Ratio Lower Upper
117 100
119 96.9 78.0 117.0
121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 51.823 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077811.D

Acq: 11 Dec 2023 14:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

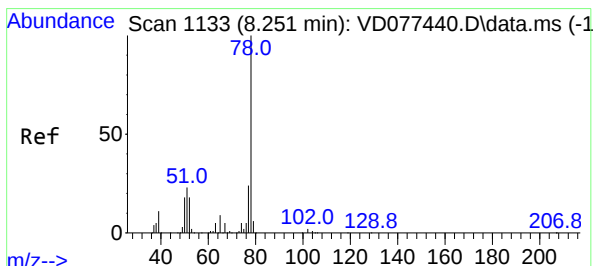
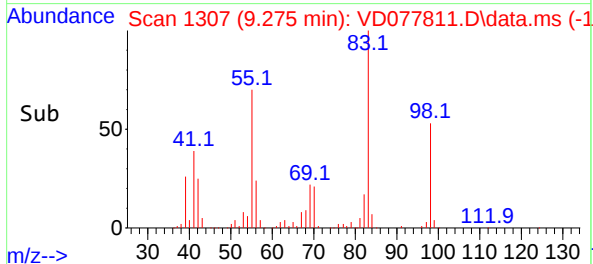
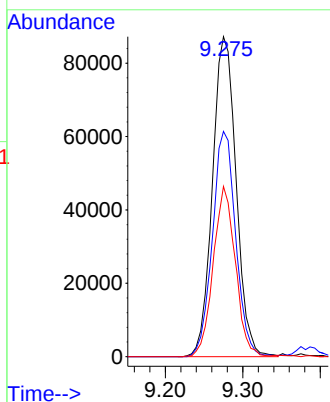
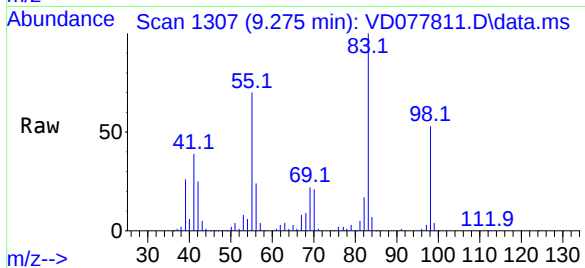
Tgt Ion: 83 Resp: 184912

Ion Ratio Lower Upper

83 100

55 70.4 49.4 74.0

98 53.2 38.4 57.6



#40

Benzene

Concen: 50.450 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077811.D

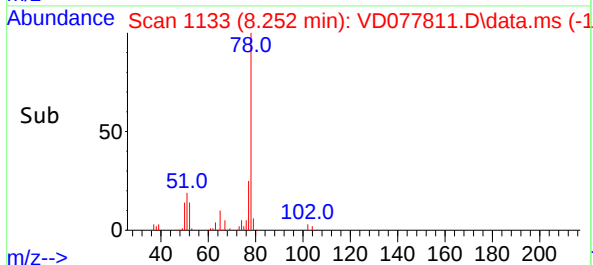
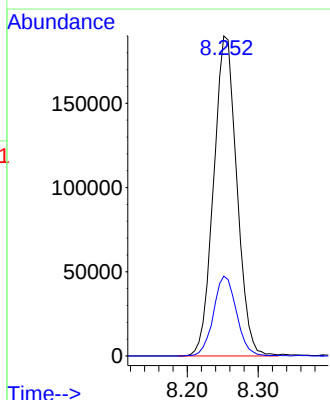
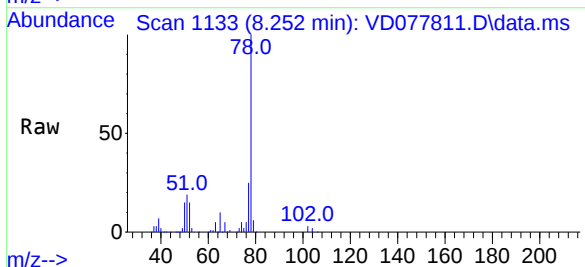
Acq: 11 Dec 2023 14:38

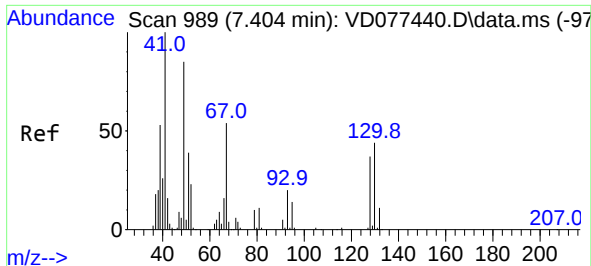
Tgt Ion: 78 Resp: 430977

Ion Ratio Lower Upper

78 100

77 24.9 19.4 29.0

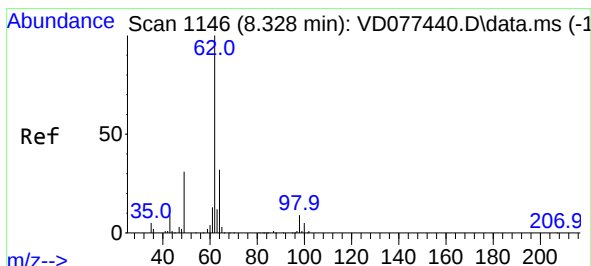
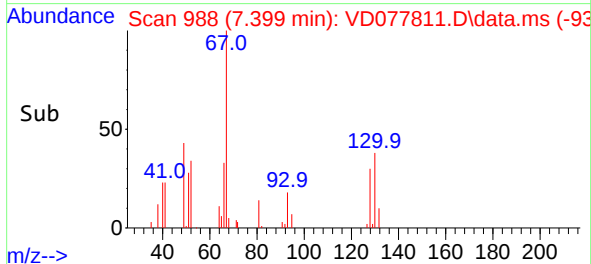
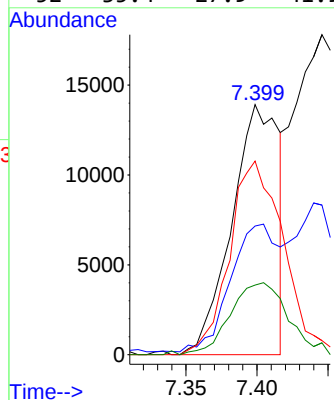
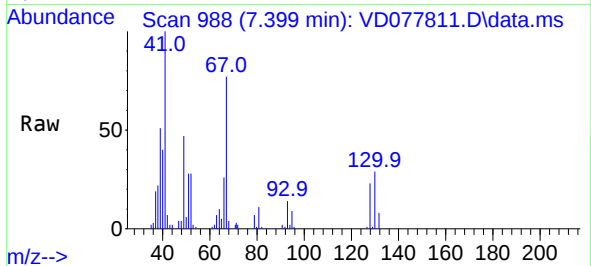




#41
Methacrylonitrile
Concen: 53.983 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.005 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

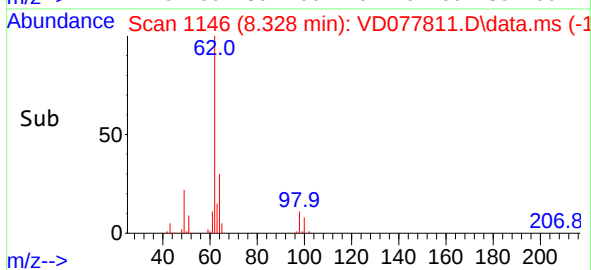
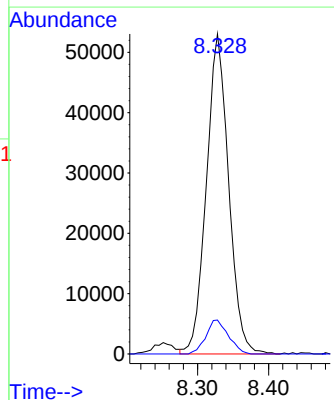
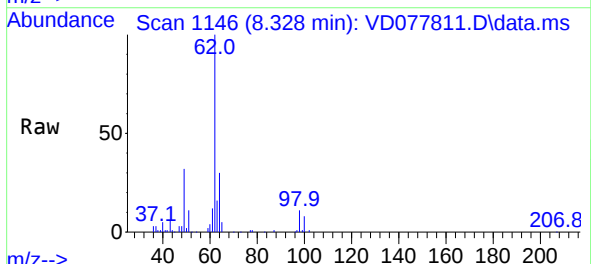
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

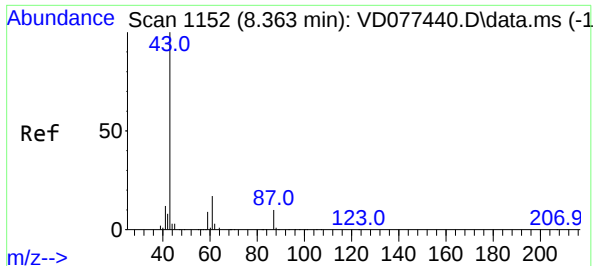
Tgt Ion: 41 Resp: 32201
Ion Ratio Lower Upper
41 100
39 52.4 34.0 51.0#
67 89.3 77.0 115.4
52 35.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 52.176 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 62 Resp: 115536
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4

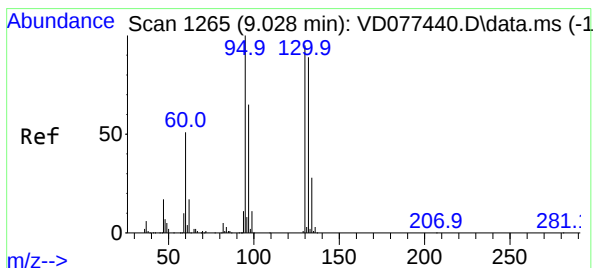
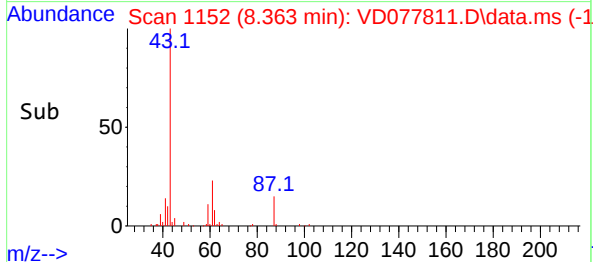
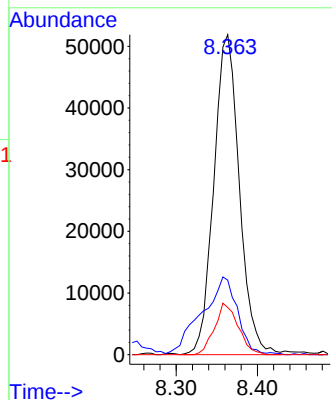
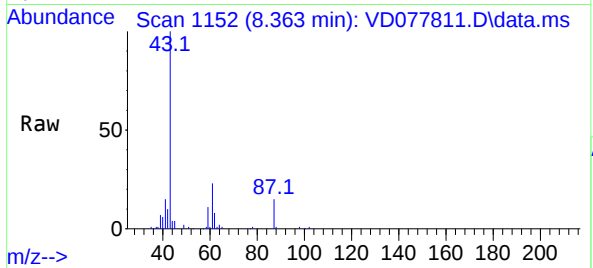




#43
Isopropyl Acetate
Concen: 54.388 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

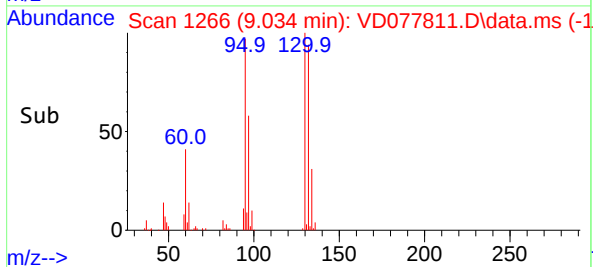
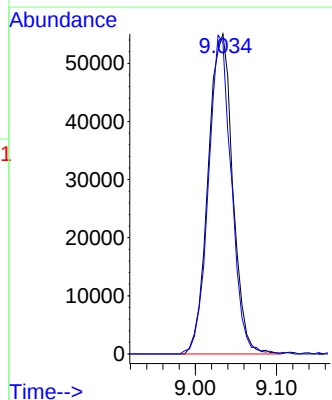
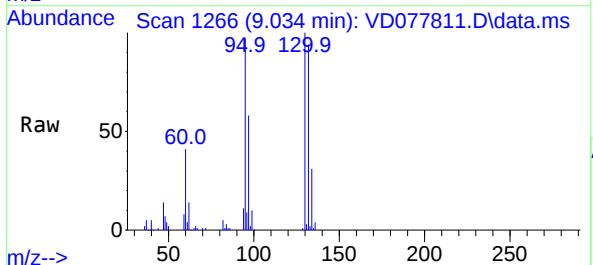
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

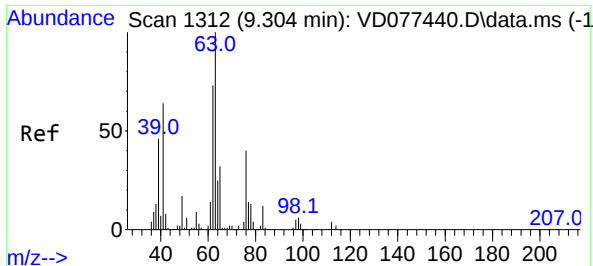
Tgt Ion: 43 Resp: 113465
Ion Ratio Lower Upper
43 100
61 33.9 31.4 47.0
87 14.8 14.9 22.3#



#44
Trichloroethene
Concen: 51.935 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion:130 Resp: 115616
Ion Ratio Lower Upper
130 100
95 97.4 0.0 179.2

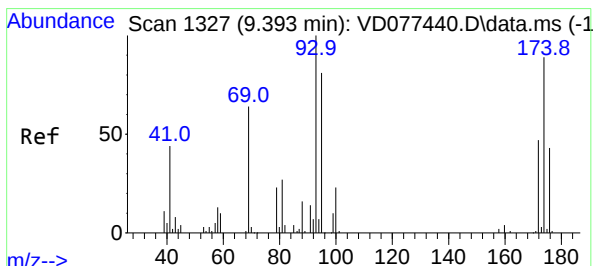
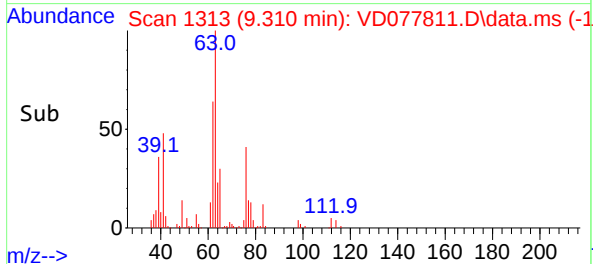
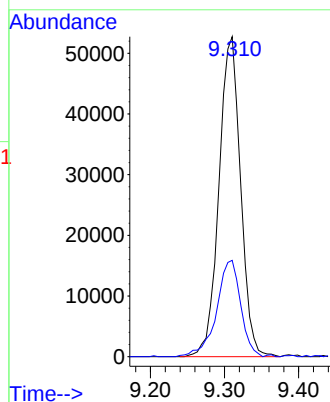
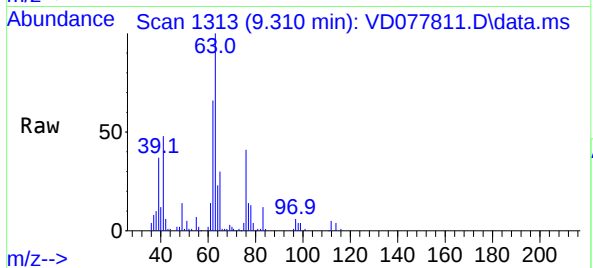




#45
1,2-Dichloropropane
Concen: 51.443 ug/l
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

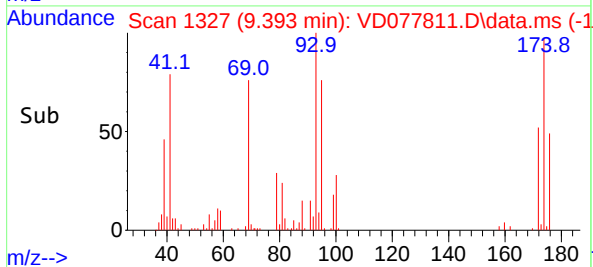
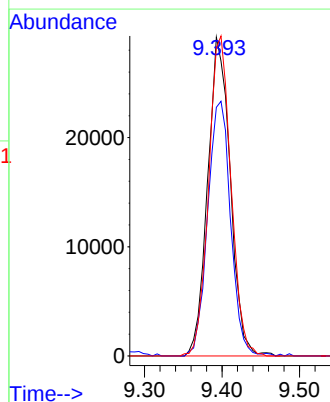
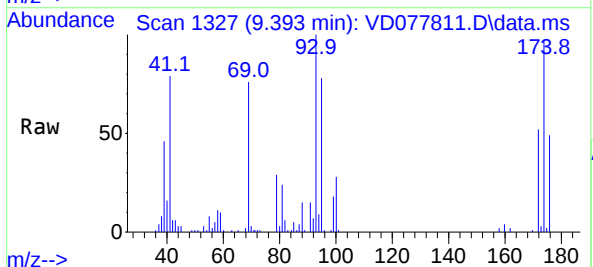
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

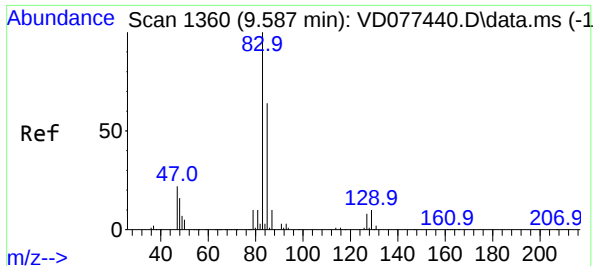
Tgt Ion: 63 Resp: 106831
Ion Ratio Lower Upper
63 100
65 30.1 24.5 36.7



#46
Dibromomethane
Concen: 53.743 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 93 Resp: 59053
Ion Ratio Lower Upper
93 100
95 81.1 67.7 101.5
174 99.3 85.4 128.2

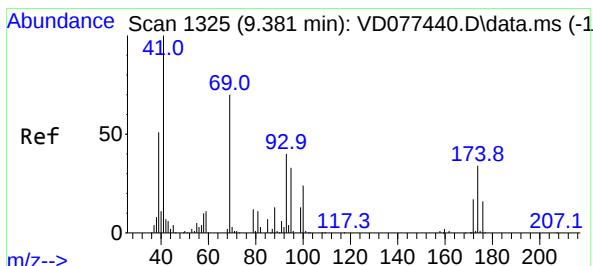
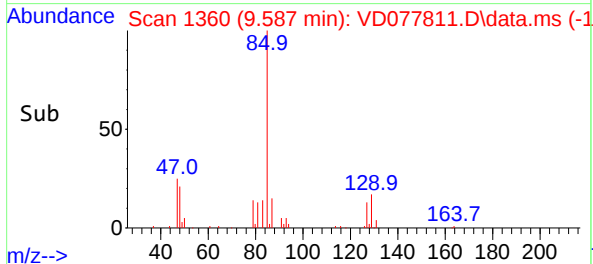
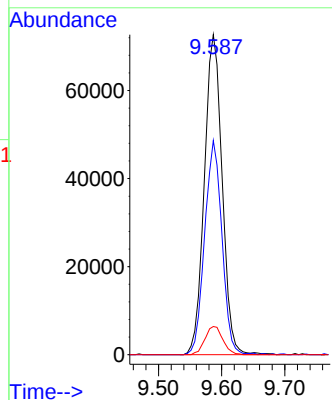
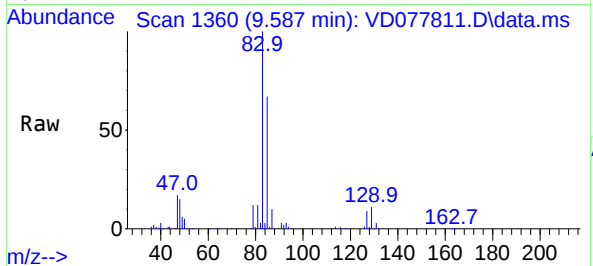




#47
Bromodichloromethane
Concen: 51.125 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

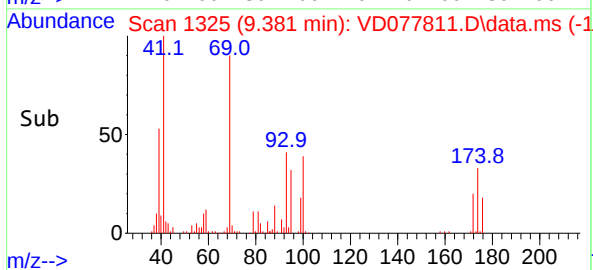
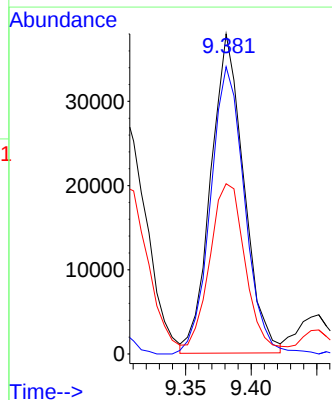
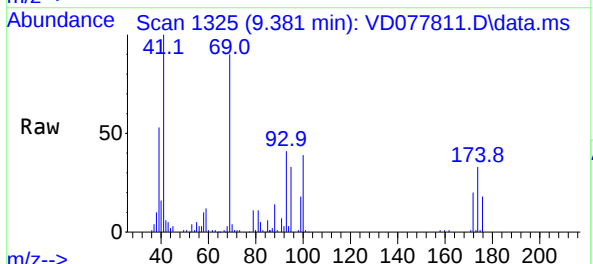
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

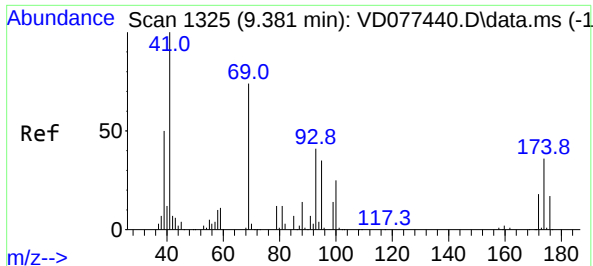
Tgt Ion: 83 Resp: 142388
Ion Ratio Lower Upper
83 100
85 66.9 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 56.045 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 41 Resp: 66465
Ion Ratio Lower Upper
41 100
69 93.0 102.2 153.2#
39 57.8 41.4 62.2

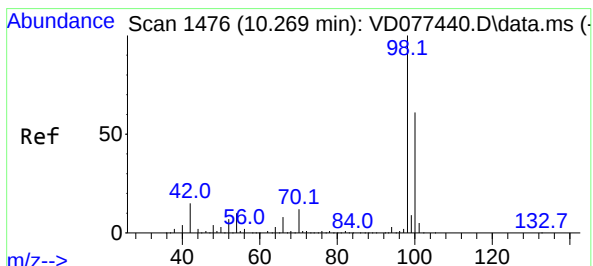
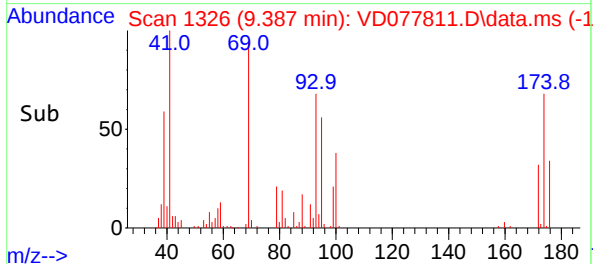
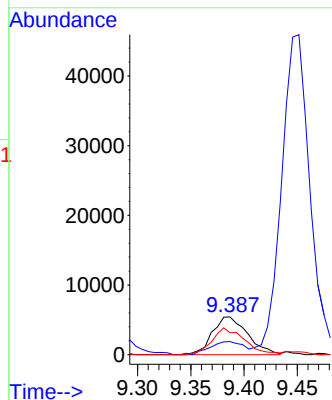
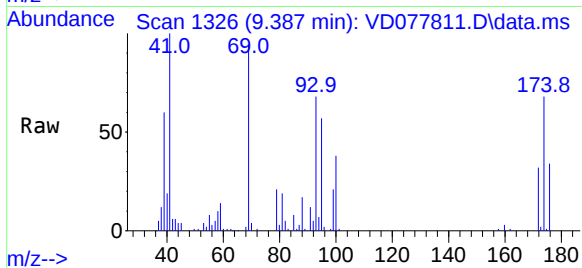




#49
1,4-Dioxane
Concen: 1143.282 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

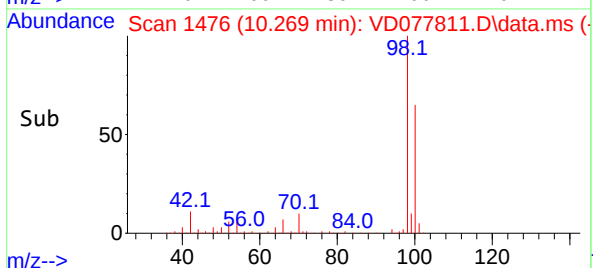
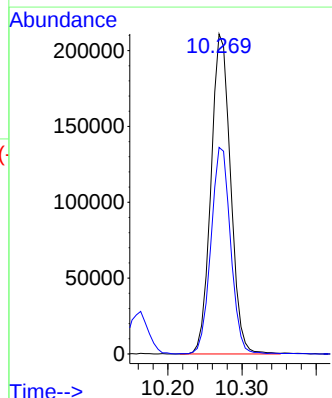
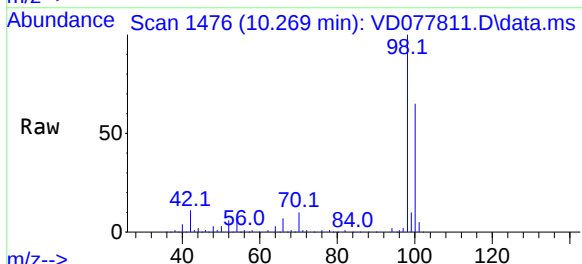
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

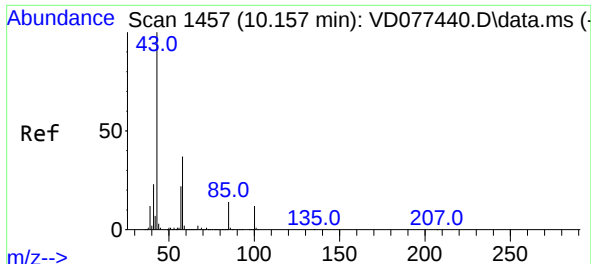
Tgt Ion: 88 Resp: 12474
Ion Ratio Lower Upper
88 100
43 33.1 19.0 28.6#
58 65.6 43.5 65.3#



#50
Toluene-d8
Concen: 51.370 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 98 Resp: 387142
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5

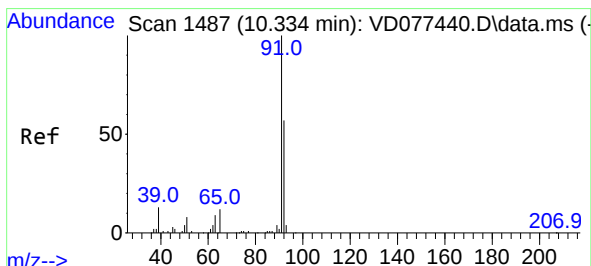
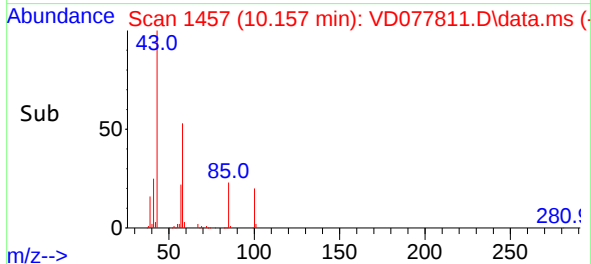
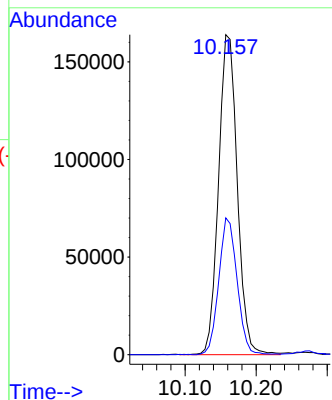
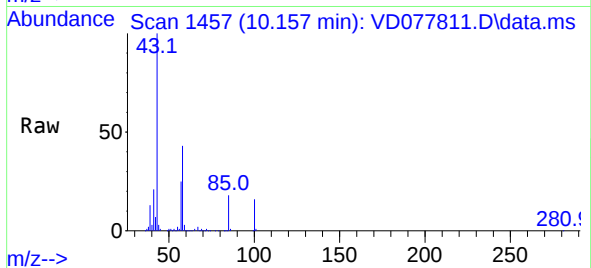




#51
4-Methyl-2-Pentanone
Concen: 281.568 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

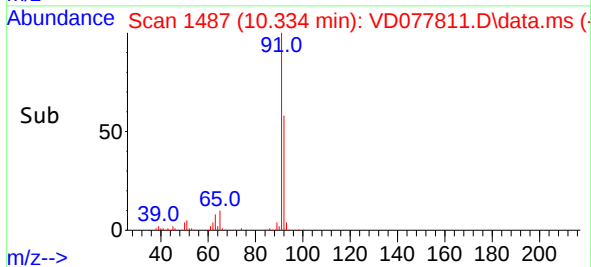
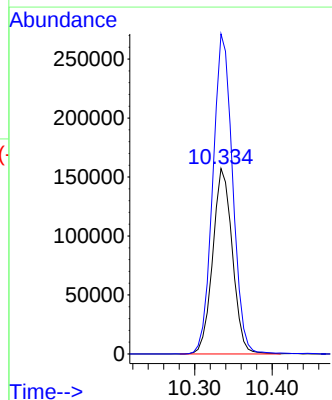
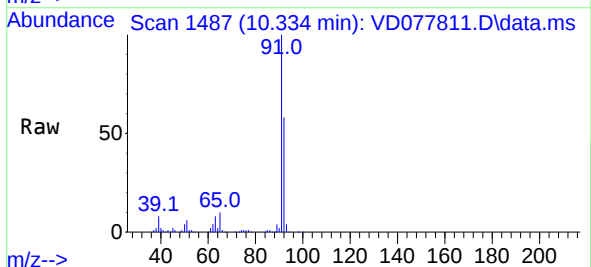
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

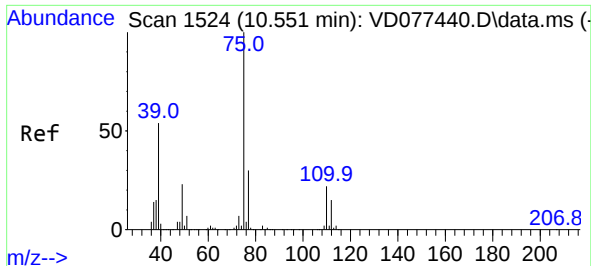
Tgt Ion: 43 Resp: 299794
Ion Ratio Lower Upper
43 100
58 41.7 38.9 58.3



#52
Toluene
Concen: 52.152 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 92 Resp: 276353
Ion Ratio Lower Upper
92 100
91 174.7 143.0 214.4

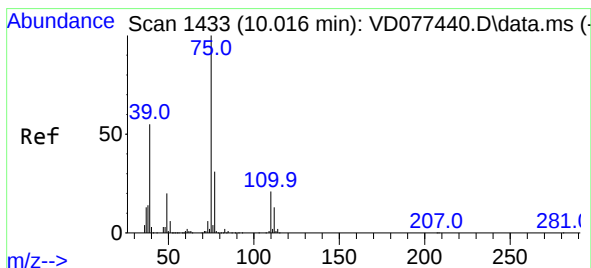
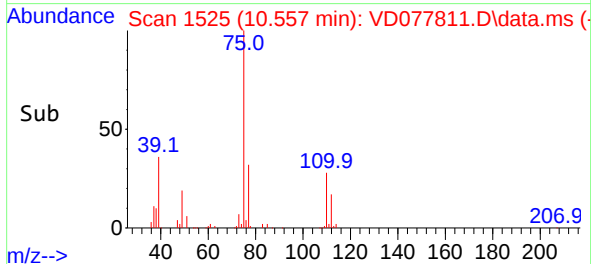
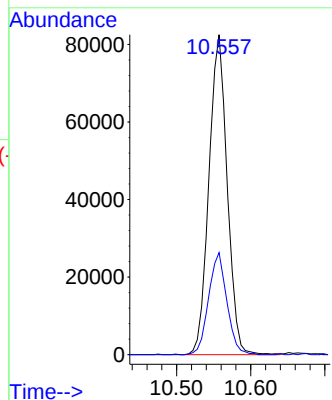
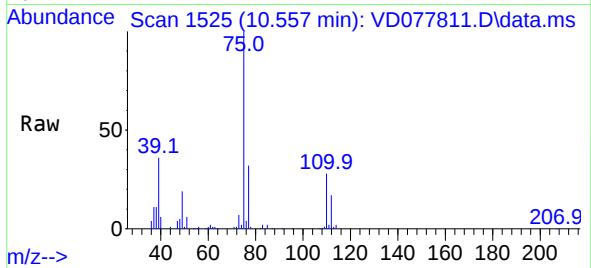




#53
t-1,3-Dichloropropene
Concen: 52.817 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

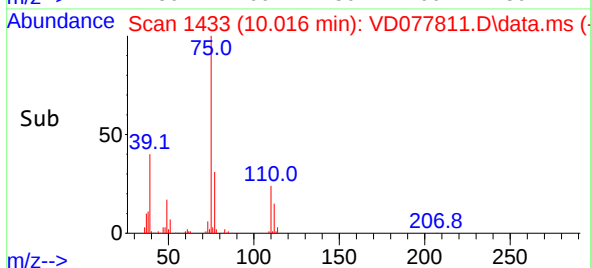
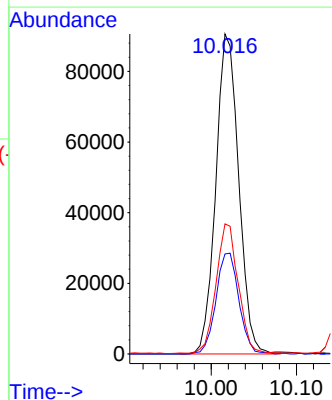
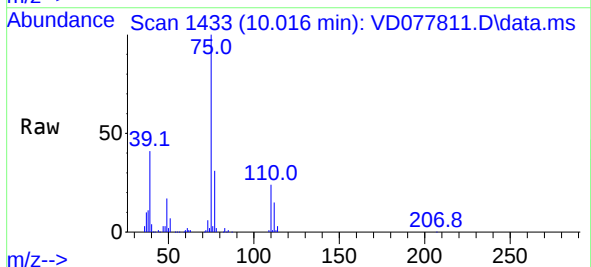
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

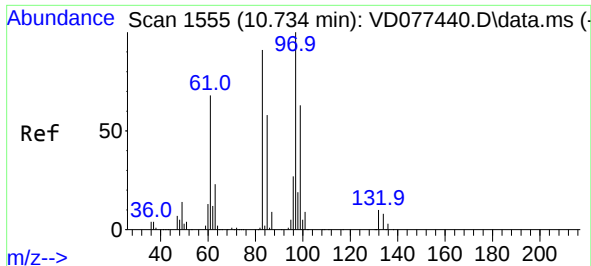
Tgt Ion: 75 Resp: 141259
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.304 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 75 Resp: 169128
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 40.4 22.1 33.1#

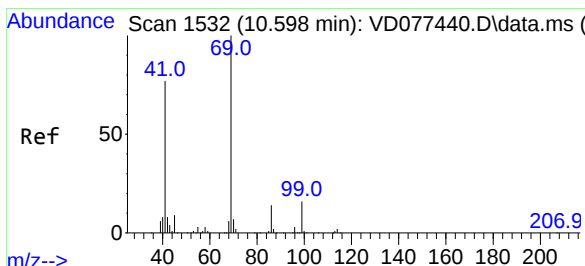
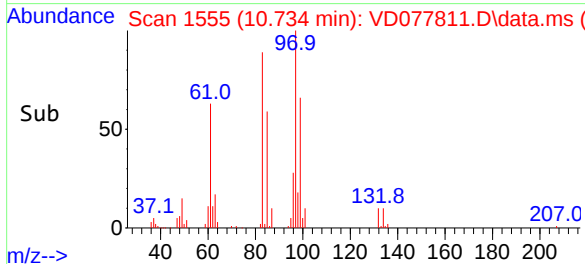
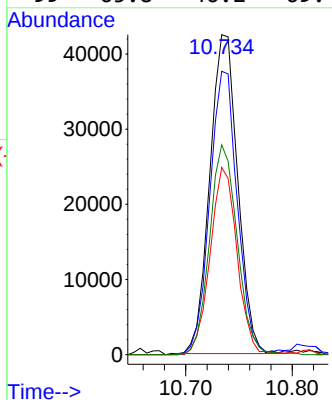
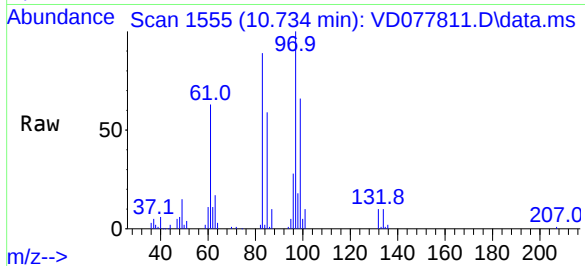




#55
1,1,2-Trichloroethane
Concen: 51.424 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

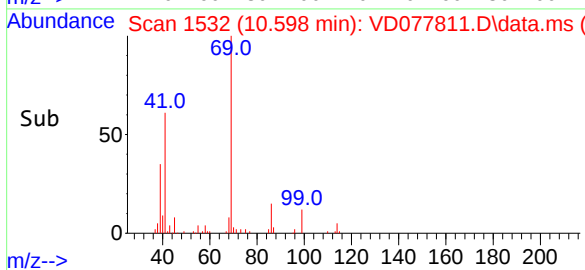
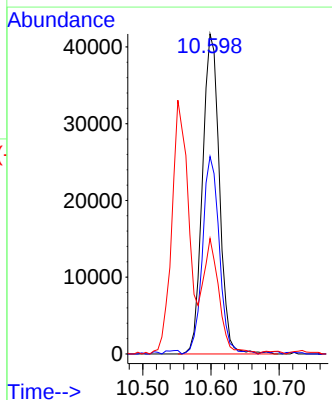
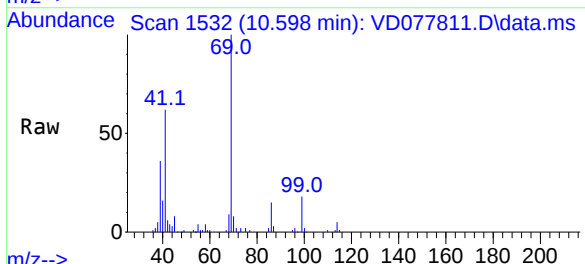
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

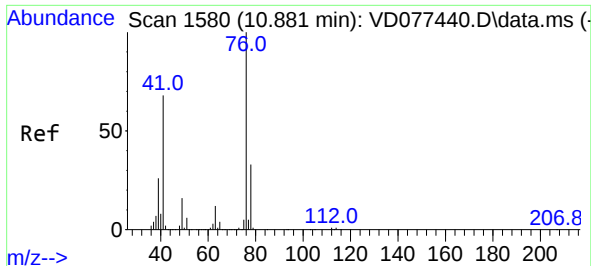
Tgt Ion:	97	Resp:	77290
Ion	Ratio	Lower	Upper
97	100		
83	88.9	65.8	98.6
85	58.3	45.7	68.5
99	65.8	46.2	69.4



#56
Ethyl methacrylate
Concen: 54.430 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion:	69	Resp:	72115
Ion	Ratio	Lower	Upper
69	100		
41	61.0	39.1	58.7#
39	33.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 53.516 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077811.D

Acq: 11 Dec 2023 14:38

Instrument :

MSVOA_D

ClientSampleId :

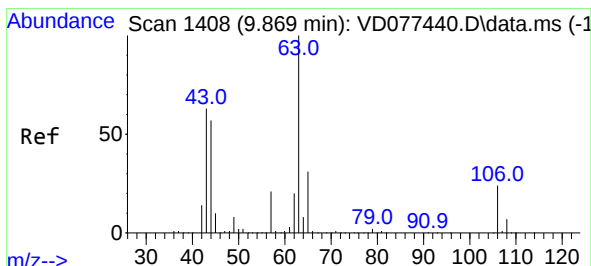
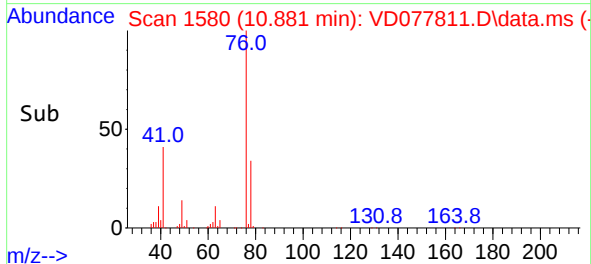
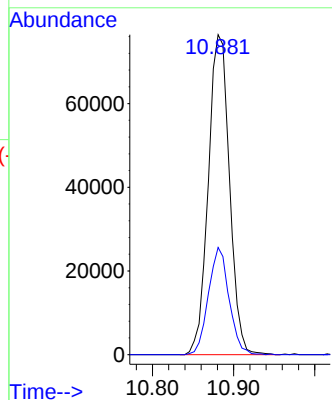
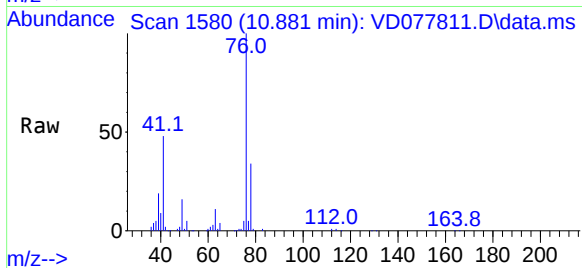
VSTDCCC050

Tgt Ion: 76 Resp: 138644

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 276.518 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077811.D

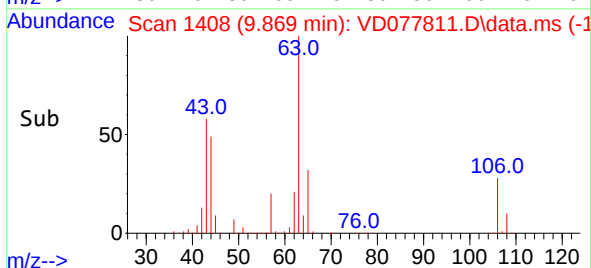
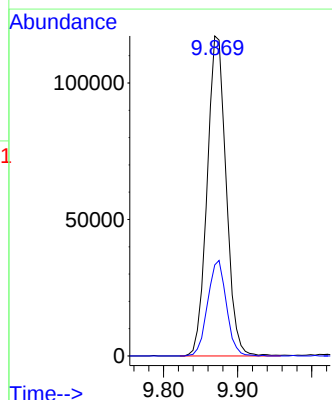
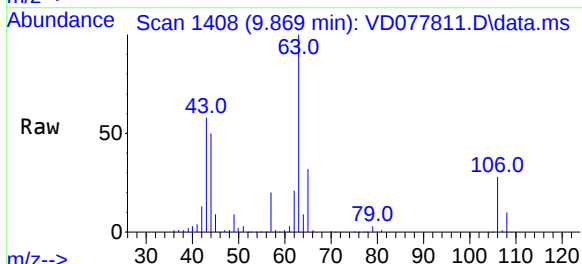
Acq: 11 Dec 2023 14:38

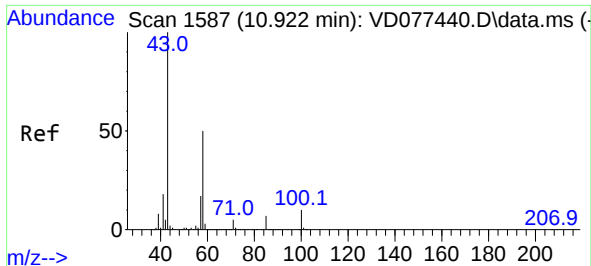
Tgt Ion: 63 Resp: 208929

Ion Ratio Lower Upper

63 100

106 29.4 25.3 37.9

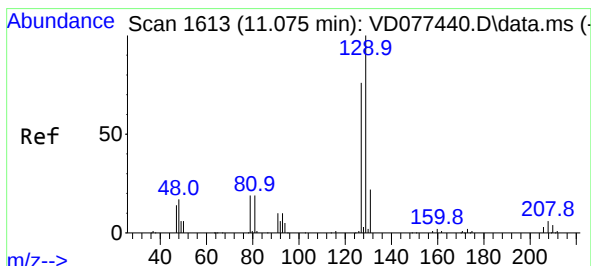
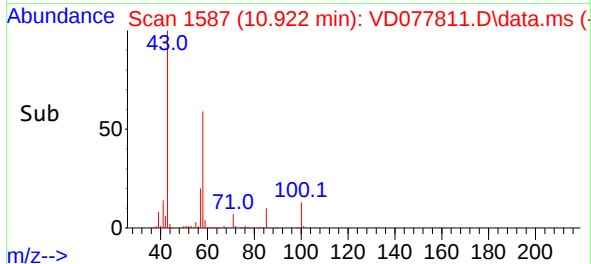
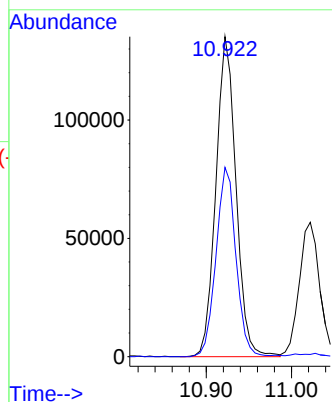
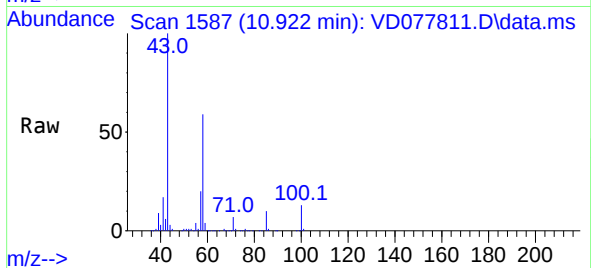




#59
2-Hexanone
Concen: 250.629 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

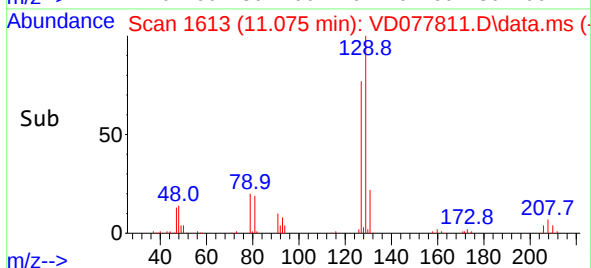
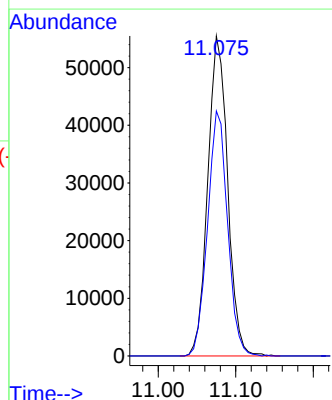
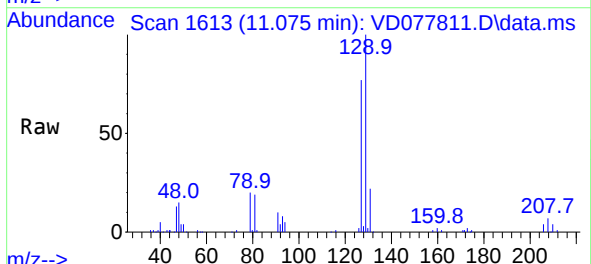
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

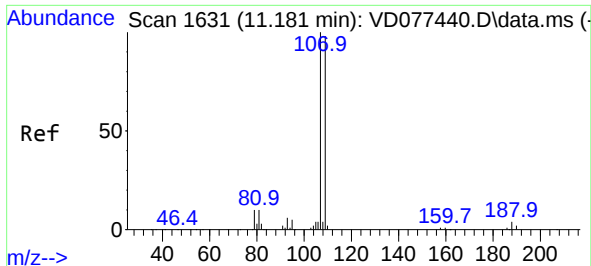
Tgt Ion: 43 Resp: 221393
Ion Ratio Lower Upper
43 100
58 58.7 34.1 102.2



#60
Dibromochloromethane
Concen: 54.501 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion:129 Resp: 98623
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5

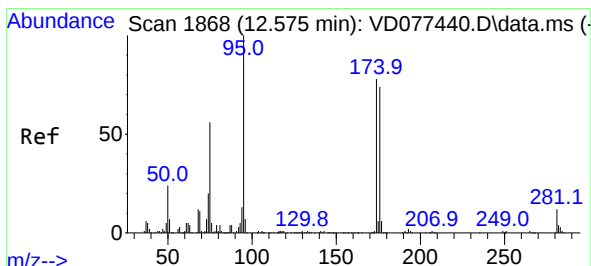
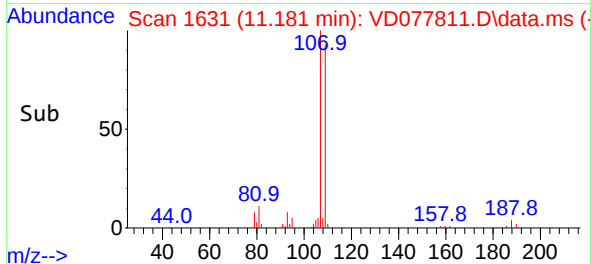
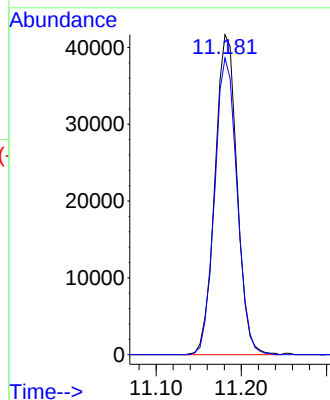
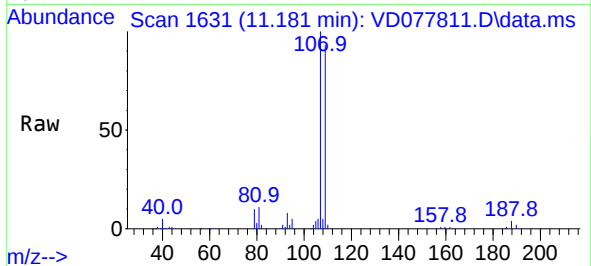




#61
1,2-Dibromoethane
Concen: 53.085 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

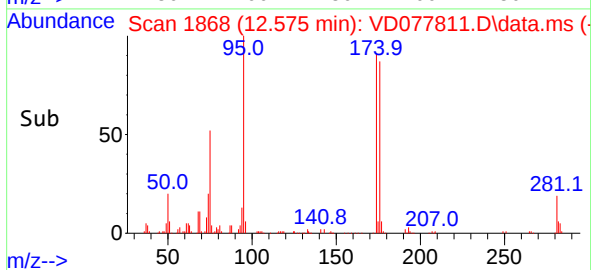
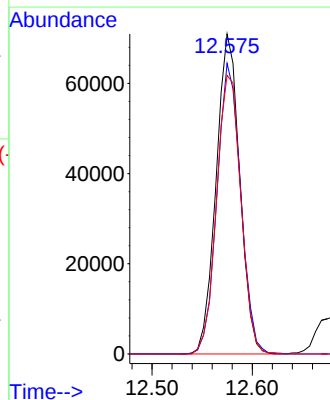
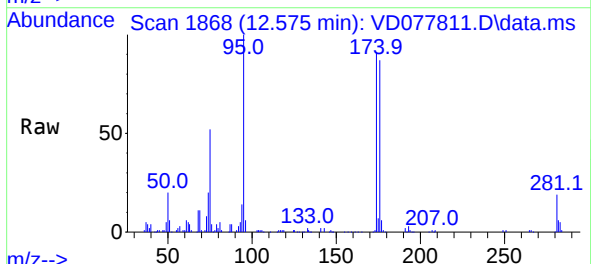
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

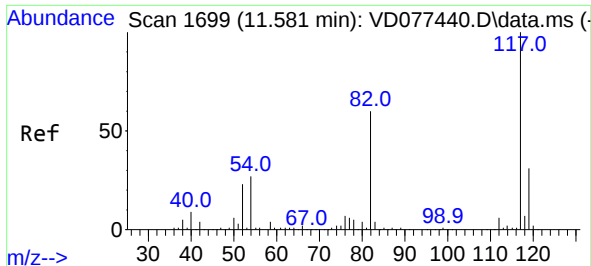
Tgt Ion:107 Resp: 75105
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.446 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 95 Resp: 115916
Ion Ratio Lower Upper
95 100
174 91.3 0.0 201.8
176 89.8 0.0 191.8

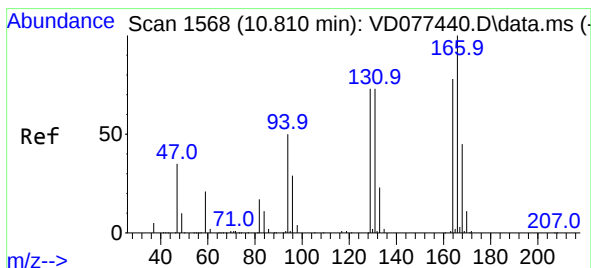
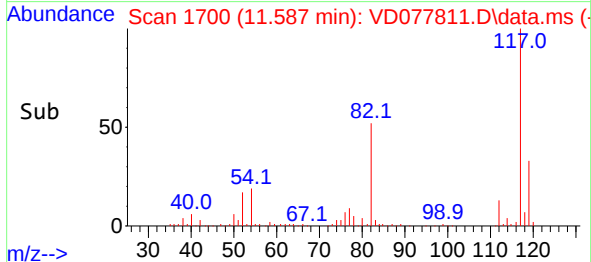
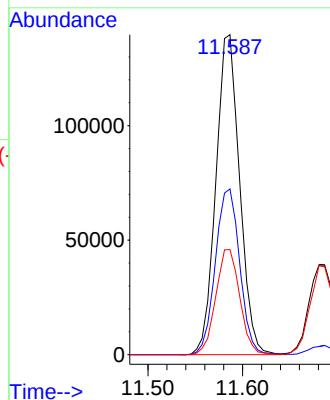
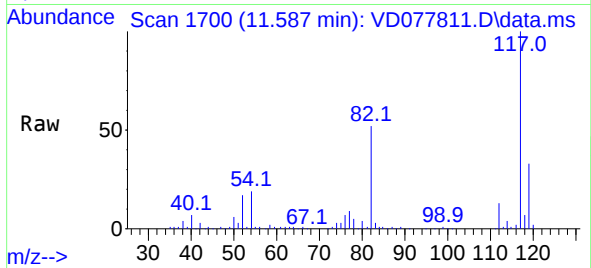




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

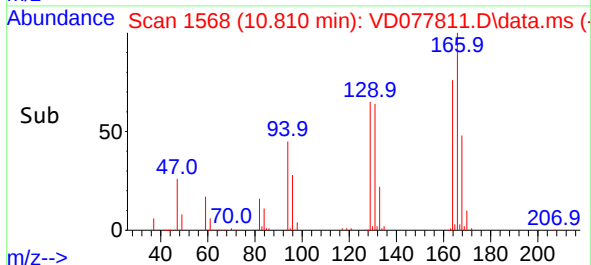
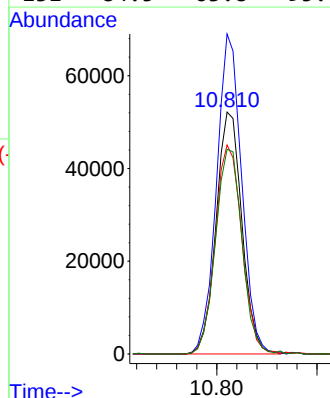
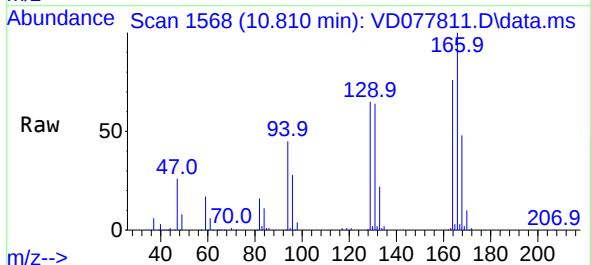
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

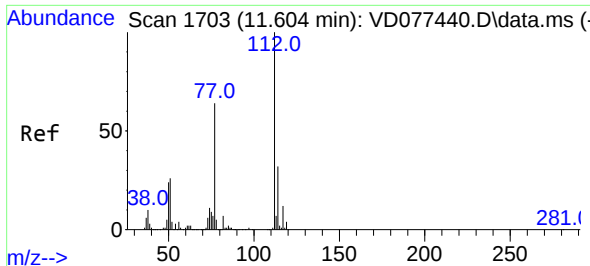
Tgt Ion:117 Resp: 243853
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 32.9 25.0 37.4



#64
Tetrachloroethene
Concen: 52.056 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion:164 Resp: 93300
Ion Ratio Lower Upper
164 100
166 132.2 99.2 148.8
129 86.4 68.4 102.6
131 84.5 63.8 95.8

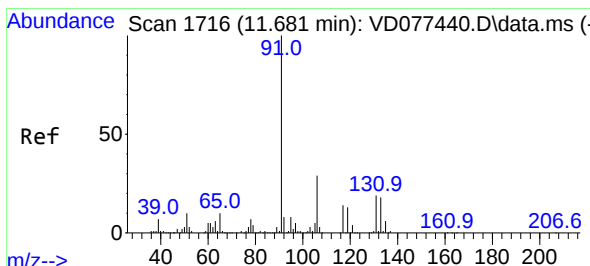
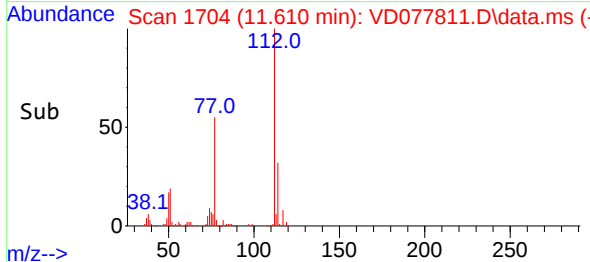
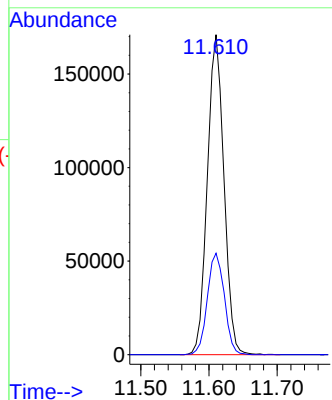
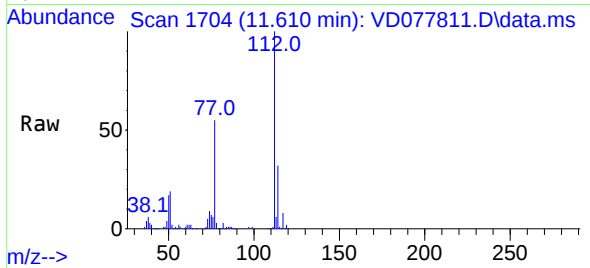




#65
Chlorobenzene
Concen: 50.377 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

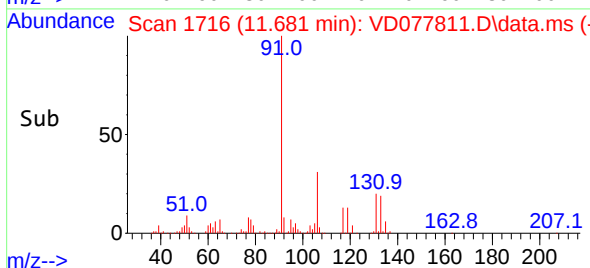
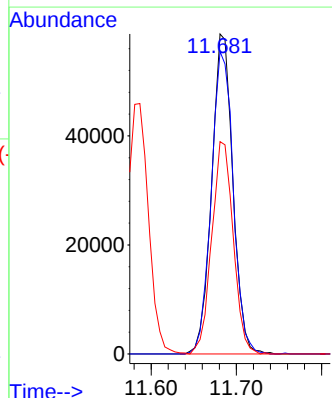
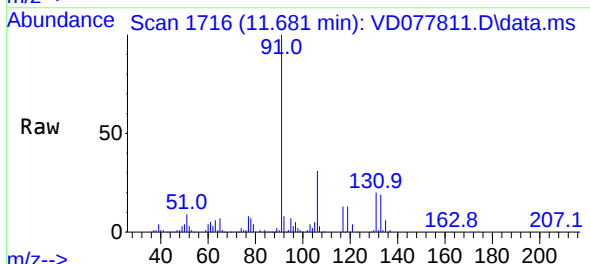
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

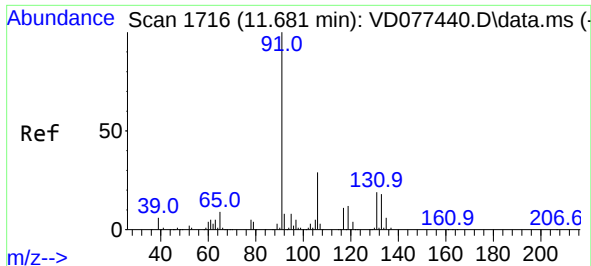
Tgt Ion:112 Resp: 289505
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.864 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion:131 Resp: 101114
Ion Ratio Lower Upper
131 100
133 97.9 48.5 145.5
119 67.5 35.6 106.9

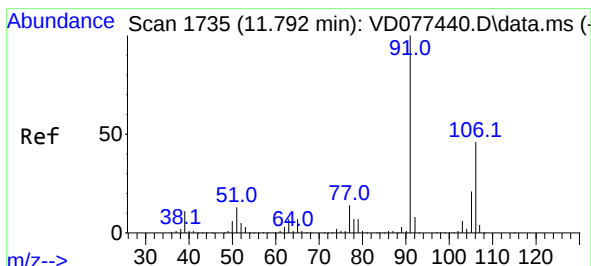
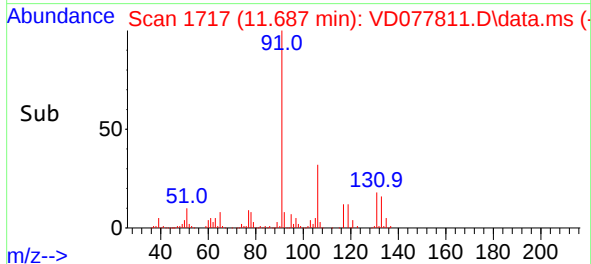
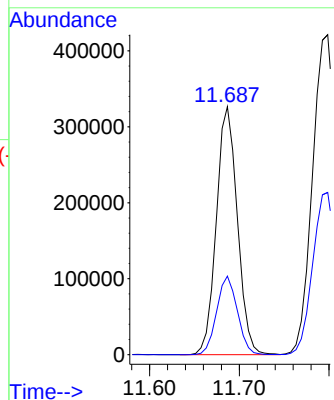
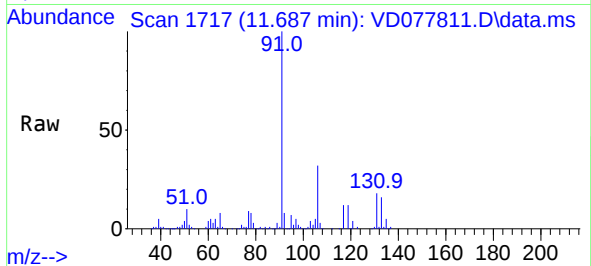




#67
Ethyl Benzene
Concen: 52.309 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

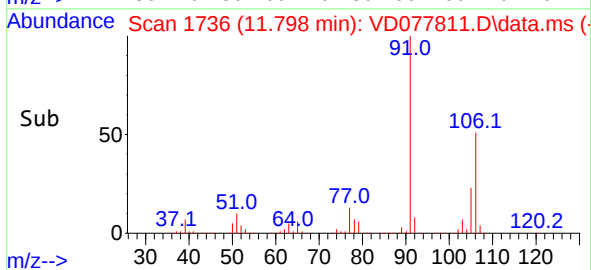
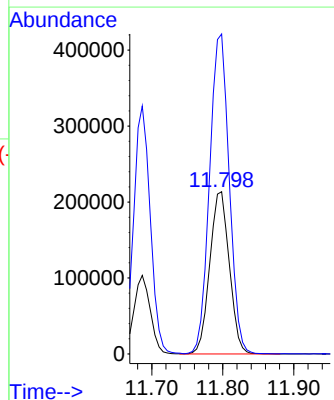
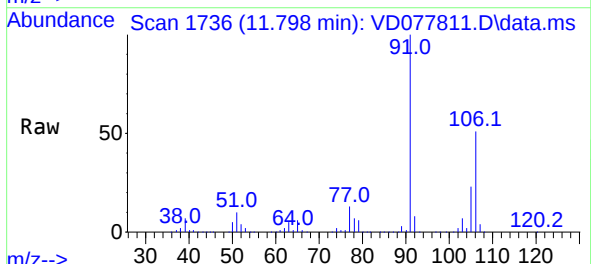
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

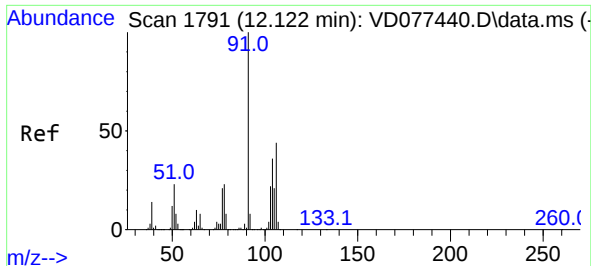
Tgt Ion: 91 Resp: 531059
Ion Ratio Lower Upper
91 100
106 31.7 26.5 39.7



#68
m/p-Xylenes
Concen: 105.061 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 106 Resp: 407985
Ion Ratio Lower Upper
106 100
91 197.9 147.0 220.6

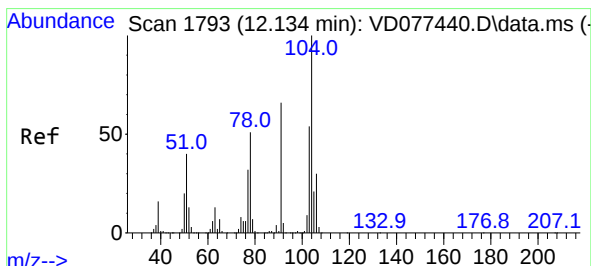
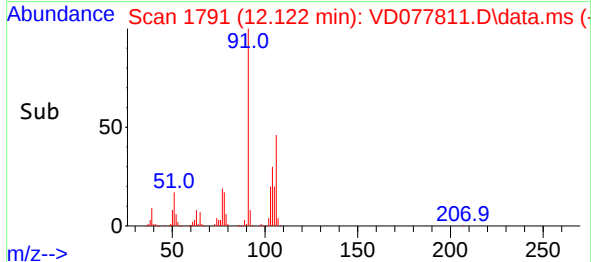
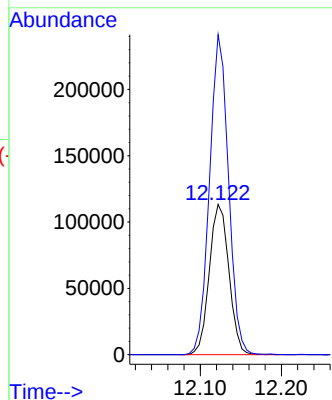
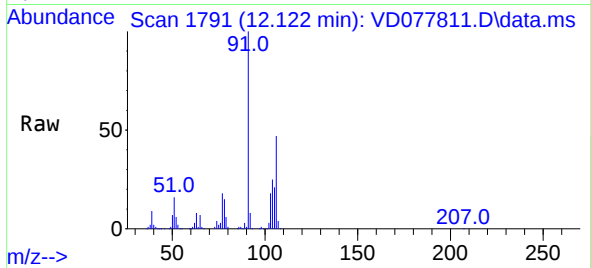




#69
o-Xylene
Concen: 53.055 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

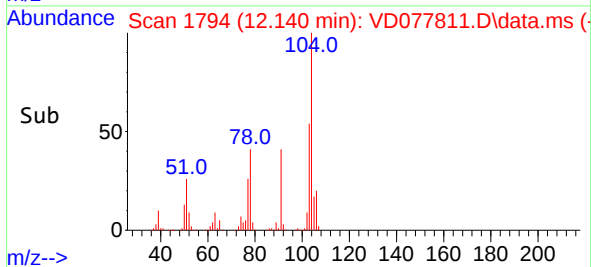
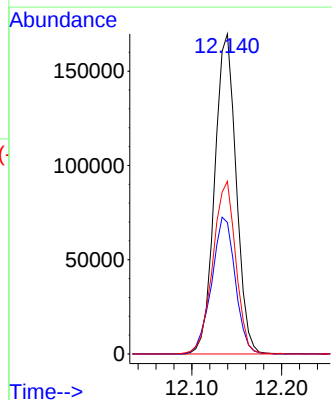
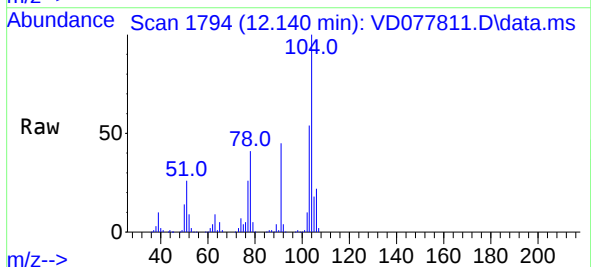
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

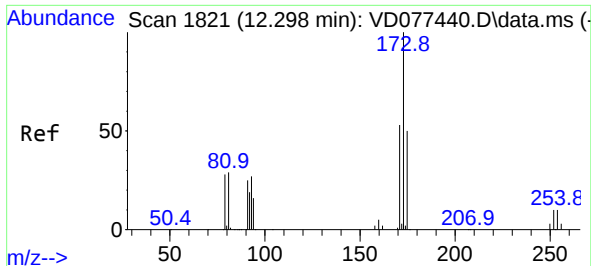
Tgt Ion:106 Resp: 189879
Ion Ratio Lower Upper
106 100
91 206.2 97.9 293.6



#70
Styrene
Concen: 53.076 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion:104 Resp: 282456
Ion Ratio Lower Upper
104 100
78 46.9 33.2 49.8
103 57.6 43.6 65.4

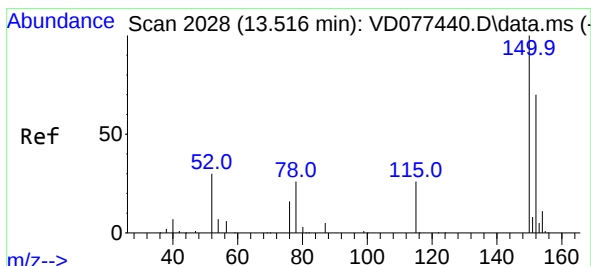
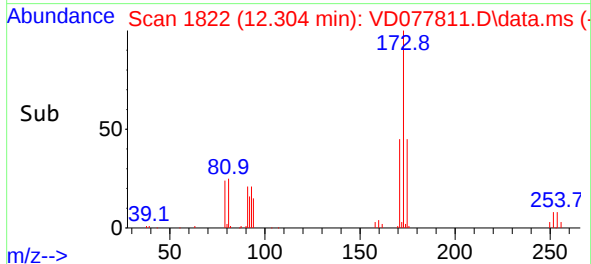
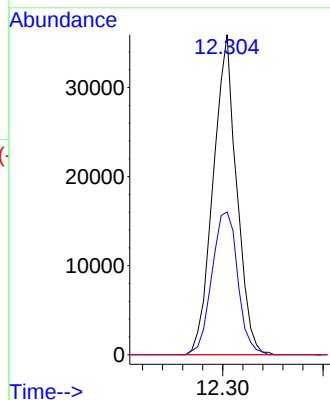
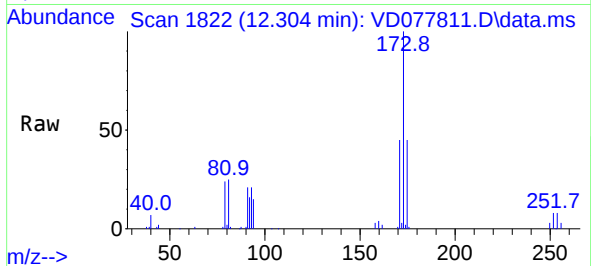




#71
Bromoform
Concen: 54.999 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

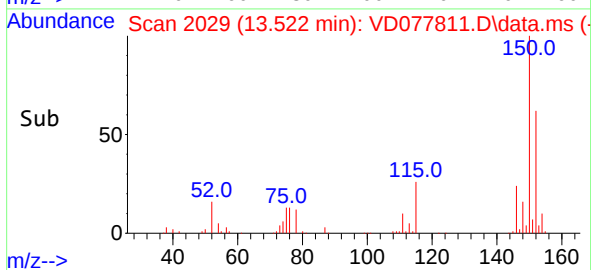
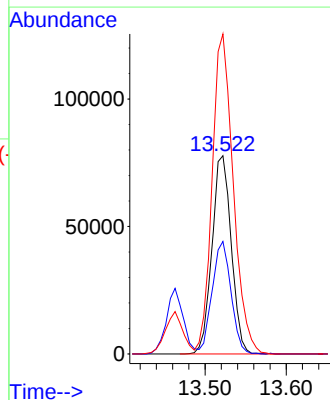
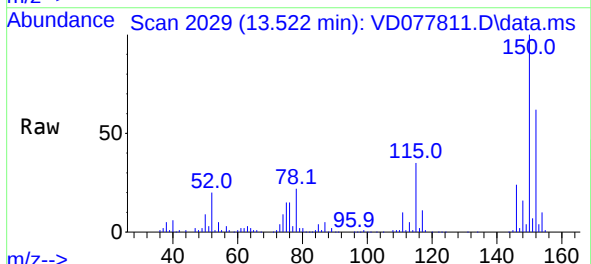
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

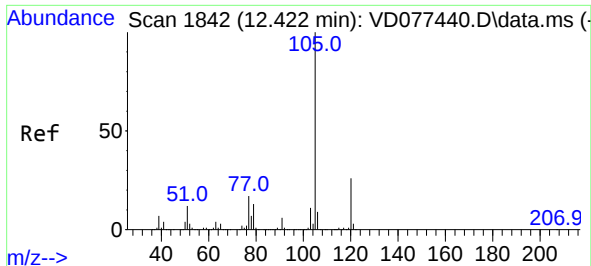
Tgt Ion:173 Resp: 58274
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion:152 Resp: 128371
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 176.7 0.0 353.6

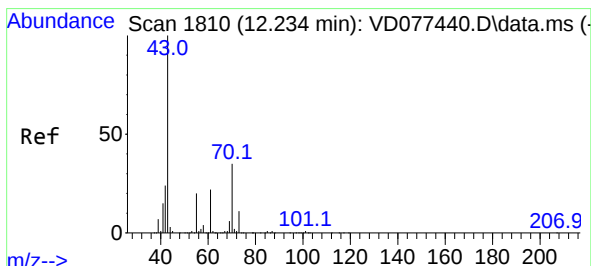
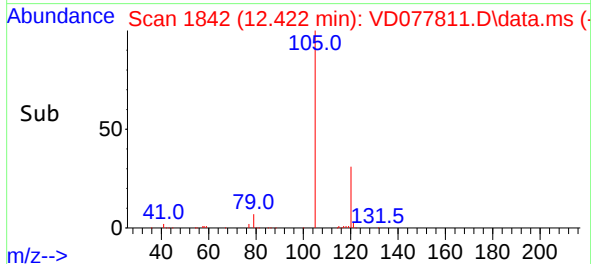
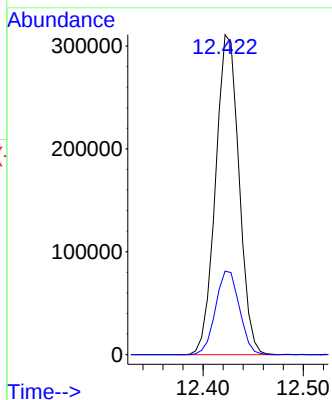
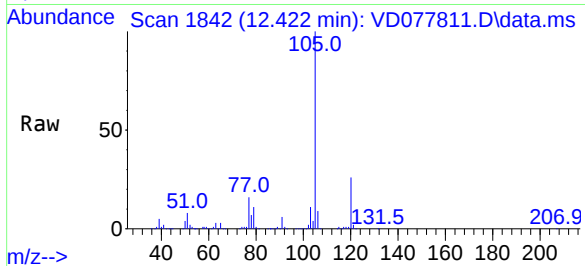




#73
Isopropylbenzene
Concen: 51.976 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

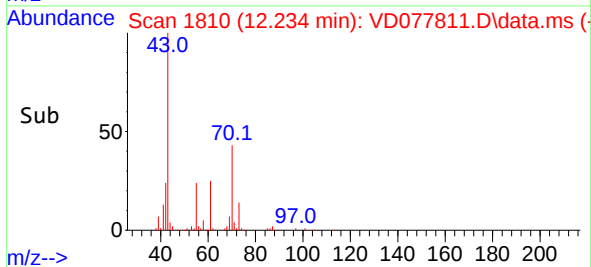
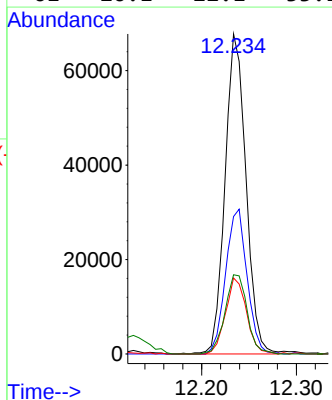
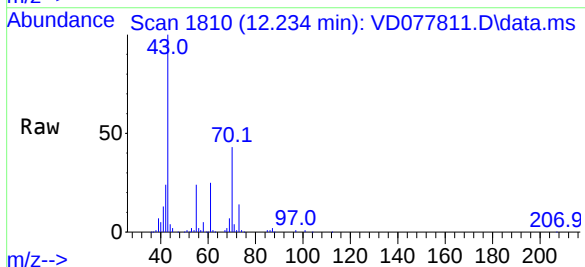
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

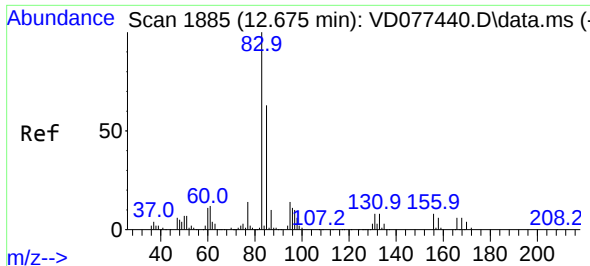
Tgt Ion:105 Resp: 505691
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9



#74
N-ethyl acetate
Concen: 54.405 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 43 Resp: 104050
Ion Ratio Lower Upper
43 100
70 46.4 45.0 67.4
55 23.8 23.8 35.6
61 26.1 22.1 33.1

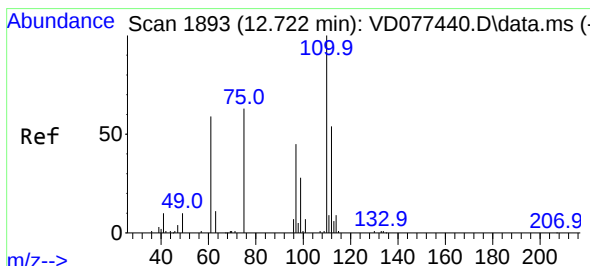
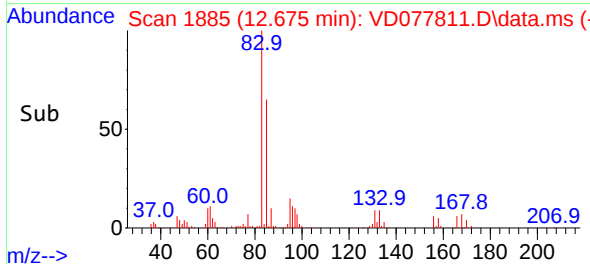
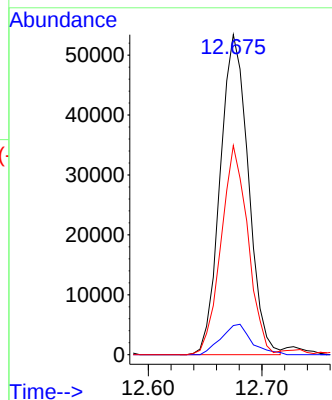
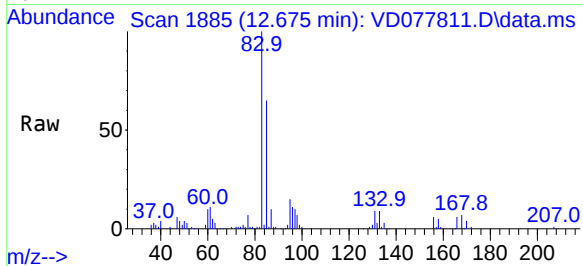




#75
1,1,2,2-Tetrachloroethane
Concen: 54.180 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

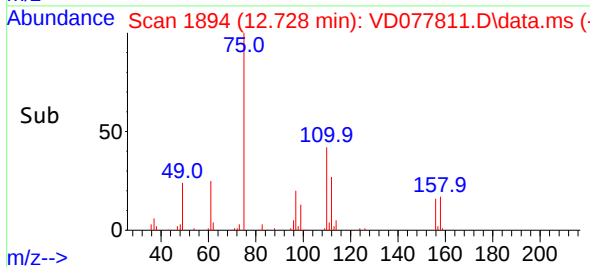
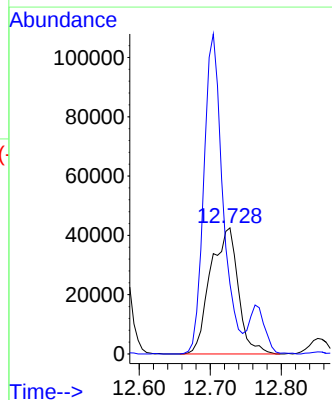
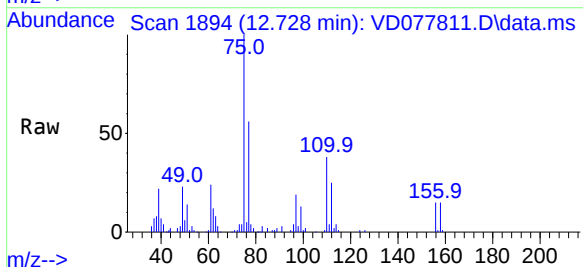
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

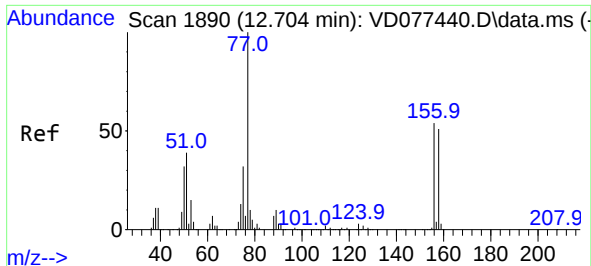
Tgt Ion: 83 Resp: 91913
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 62.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 103.504 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 75 Resp: 115397
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

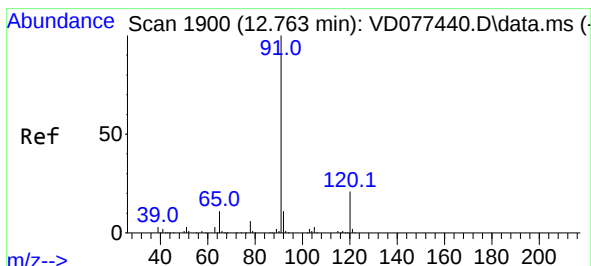
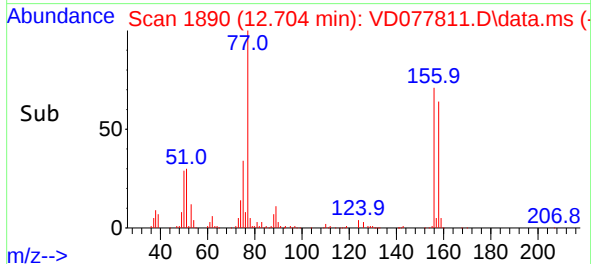
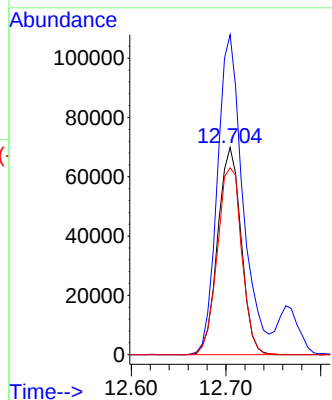
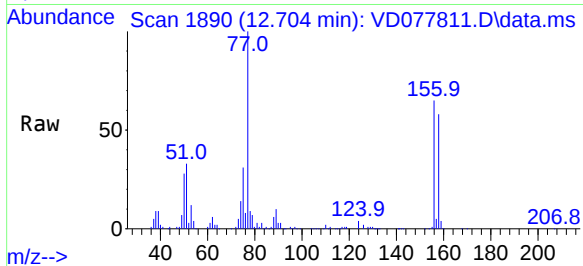




#77
Bromobenzene
Concen: 52.471 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

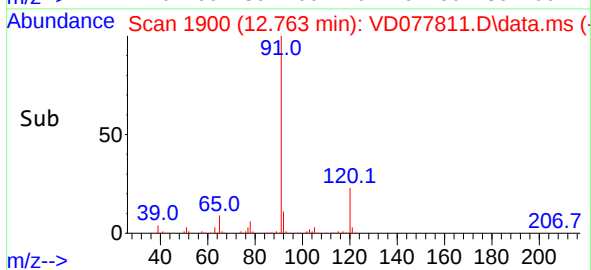
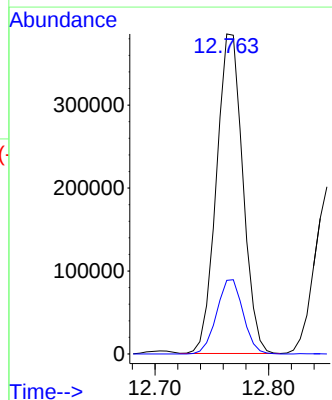
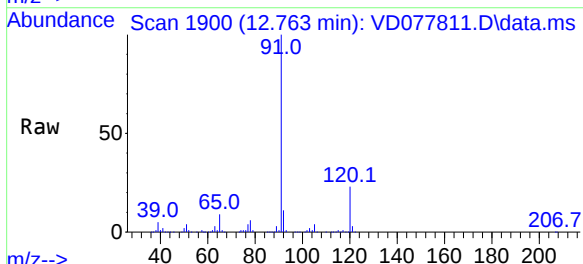
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

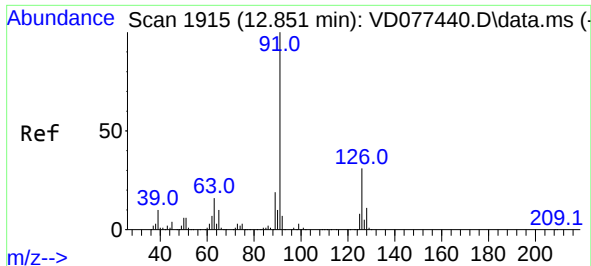
Tgt Ion:156 Resp: 120079
Ion Ratio Lower Upper
156 100
77 167.7 76.8 230.4
158 94.5 48.6 145.9



#78
n-propylbenzene
Concen: 52.465 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 91 Resp: 622003
Ion Ratio Lower Upper
91 100
120 23.3 12.4 37.2

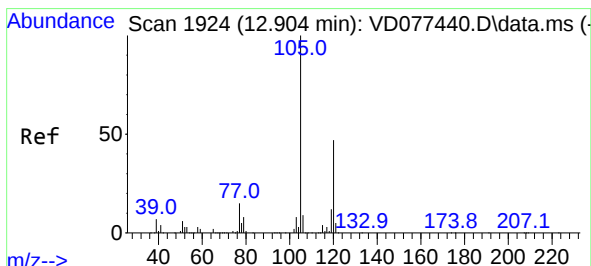
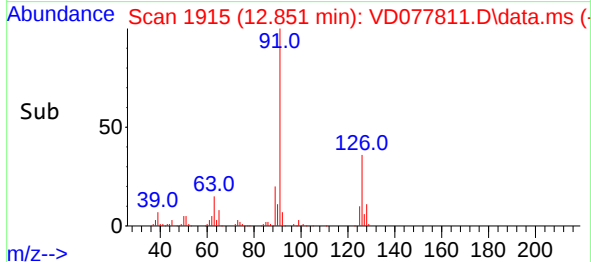
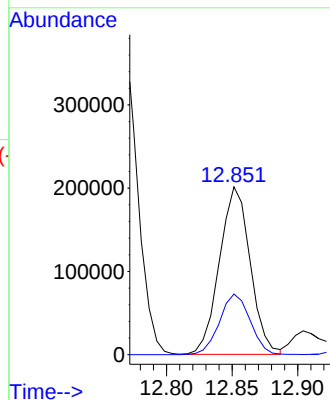
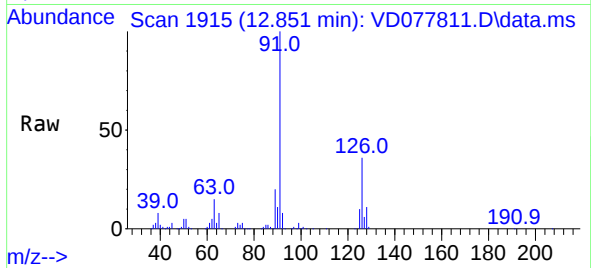




#79
2-Chlorotoluene
Concen: 51.724 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

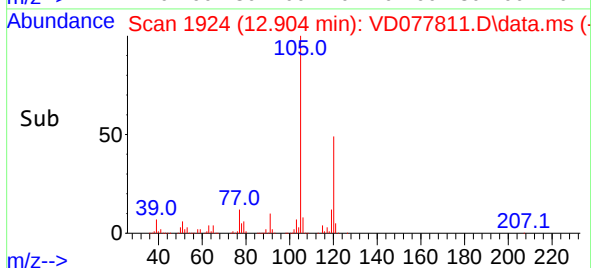
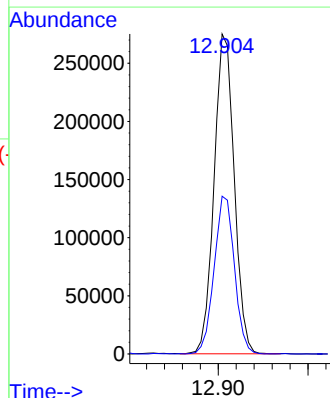
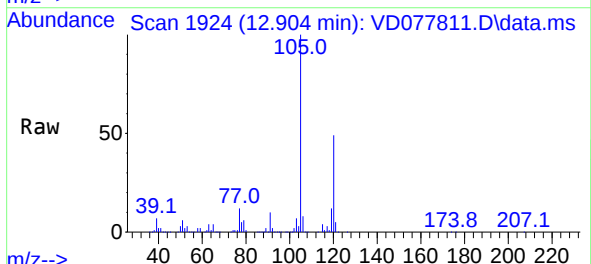
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

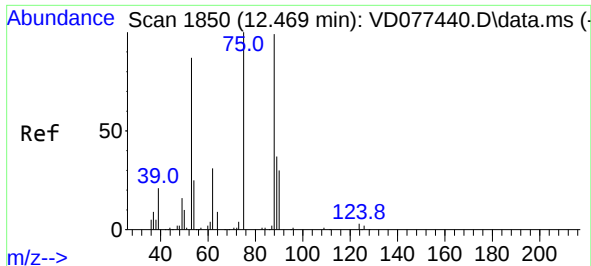
Tgt Ion: 91 Resp: 328633
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.715 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 105 Resp: 427768
Ion Ratio Lower Upper
105 100
120 49.9 26.4 79.2

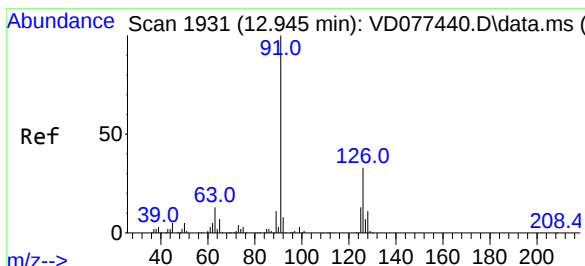
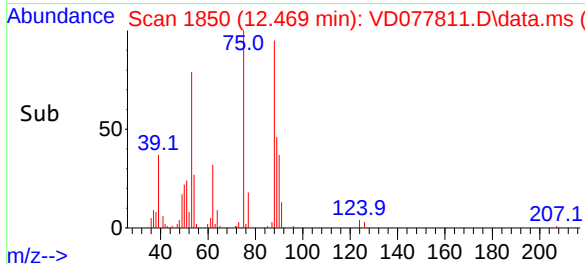
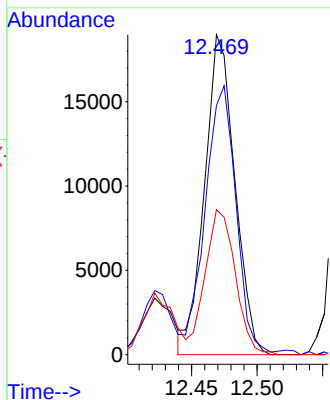
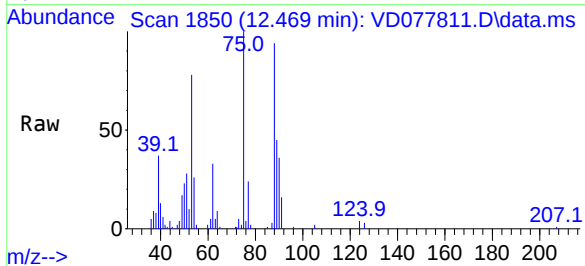




#81
trans-1,4-Dichloro-2-butene
Concen: 55.281 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

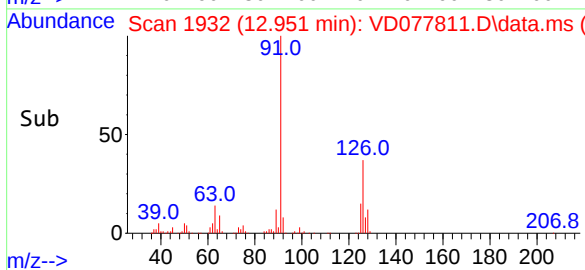
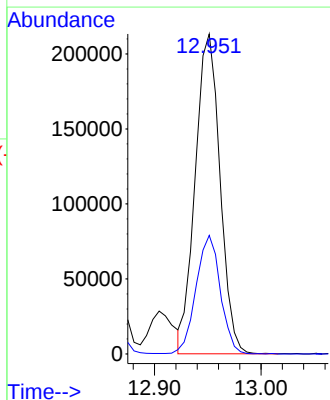
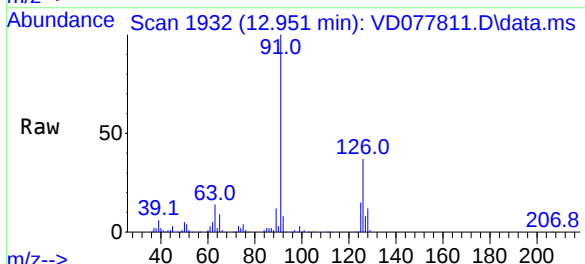
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

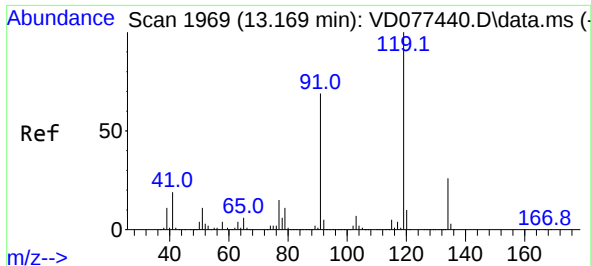
Tgt Ion: 75 Resp: 30420
Ion Ratio Lower Upper
75 100
53 82.9 63.0 94.4
89 45.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.913 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 91 Resp: 344810
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.4

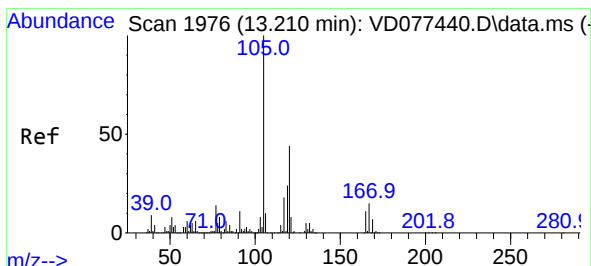
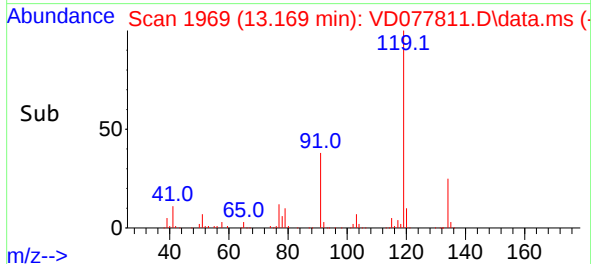
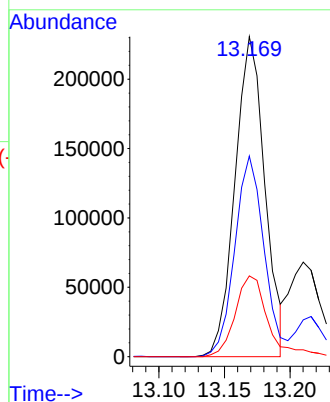
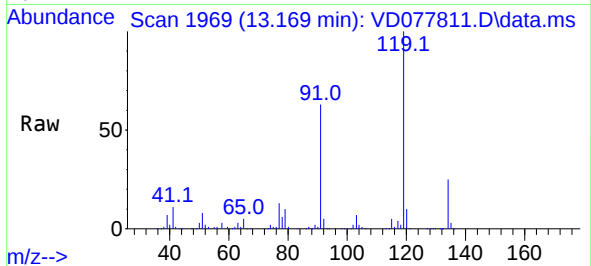




#83
tert-Butylbenzene
Concen: 53.403 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

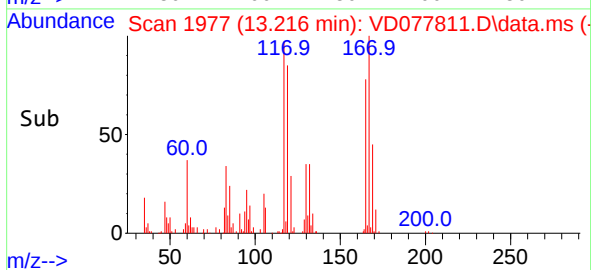
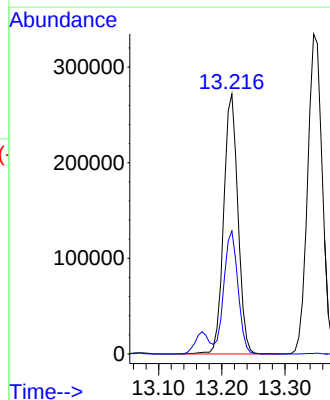
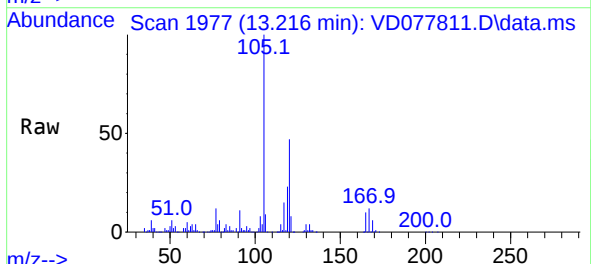
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

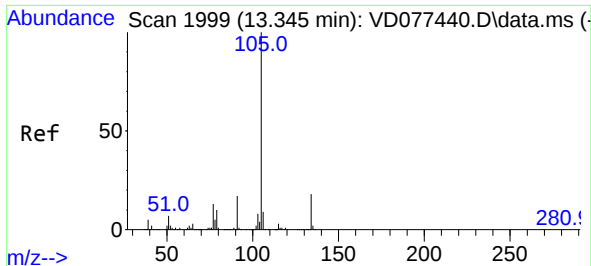
Tgt Ion:119 Resp: 365845
Ion Ratio Lower Upper
119 100
91 61.8 29.3 87.8
134 27.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 52.539 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion:105 Resp: 426419
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.9

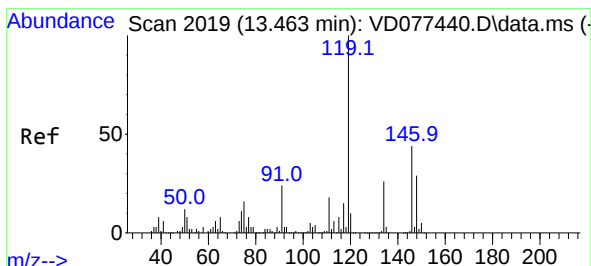
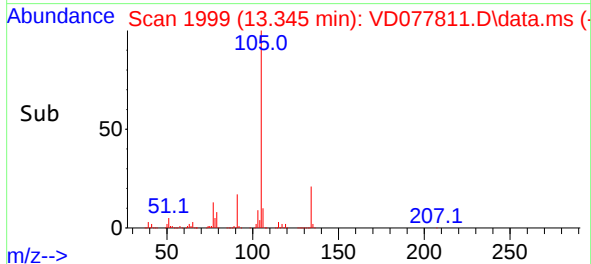
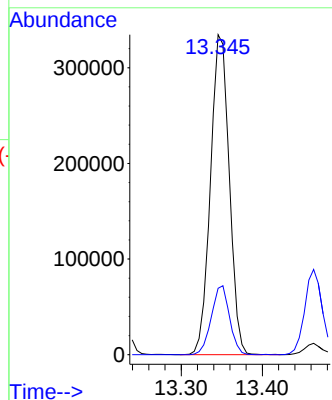
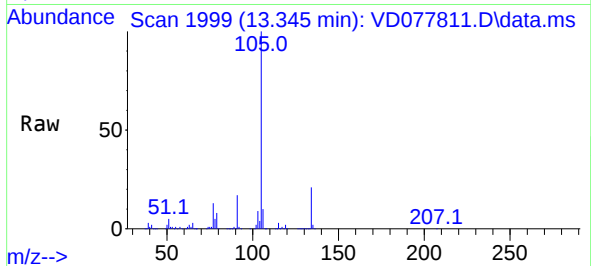




#85
 sec-Butylbenzene
 Concen: 53.056 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077811.D
 Acq: 11 Dec 2023 14:38

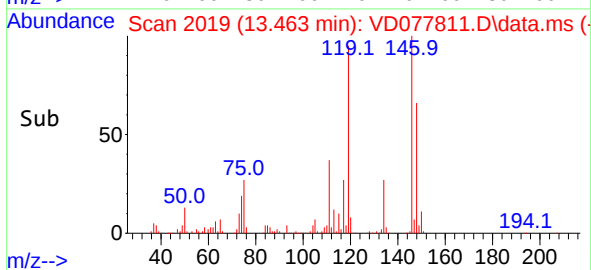
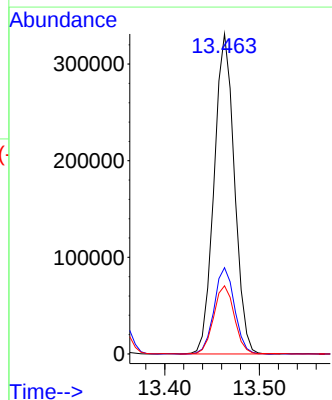
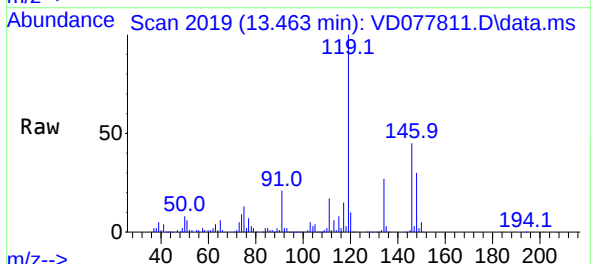
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

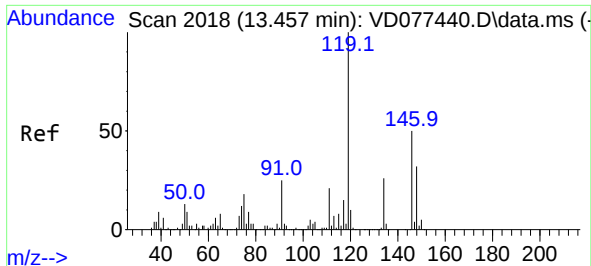
Tgt Ion:105 Resp: 537267
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 54.348 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077811.D
 Acq: 11 Dec 2023 14:38

Tgt Ion:119 Resp: 492737
 Ion Ratio Lower Upper
 119 100
 134 27.1 14.2 42.6
 91 21.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 52.063 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077811.D

Acq: 11 Dec 2023 14:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

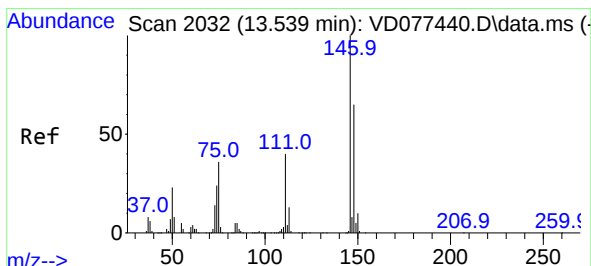
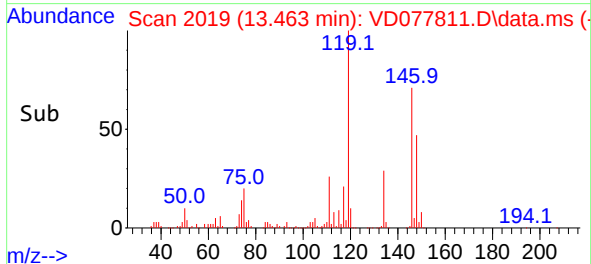
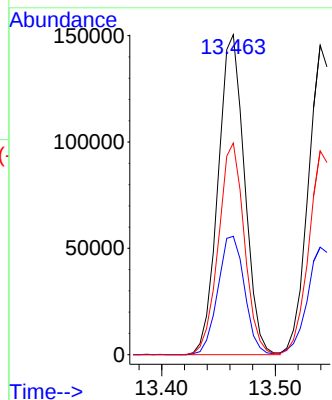
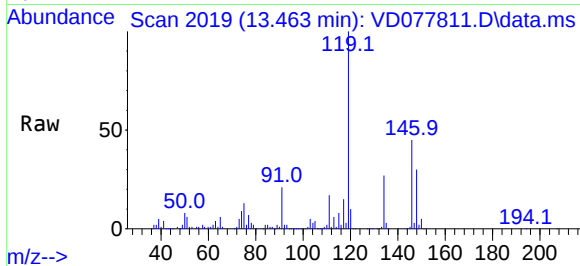
Tgt Ion:146 Resp: 243648

Ion Ratio Lower Upper

146 100

111 37.3 17.9 53.8

148 64.7 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 50.751 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD077811.D

Acq: 11 Dec 2023 14:38

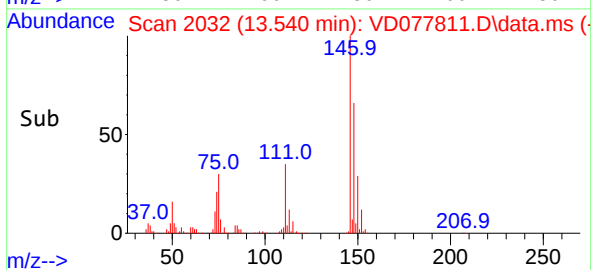
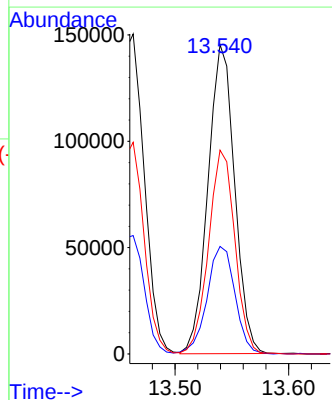
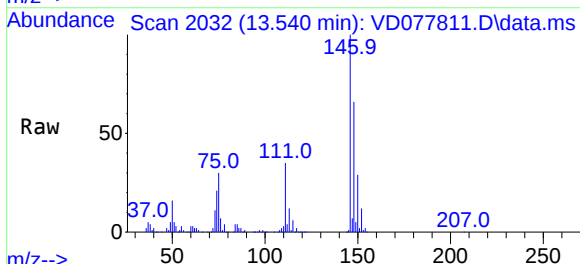
Tgt Ion:146 Resp: 236953

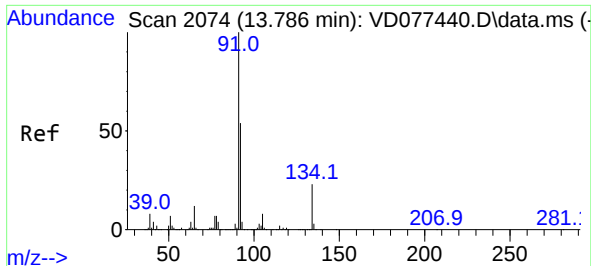
Ion Ratio Lower Upper

146 100

111 36.6 17.4 52.3

148 65.5 31.7 95.1

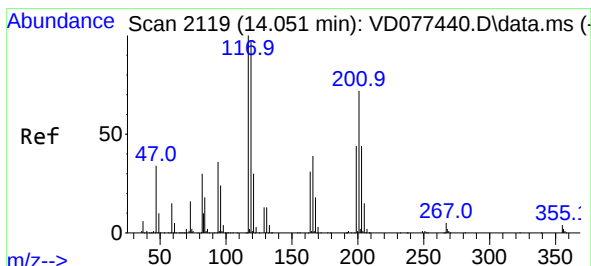
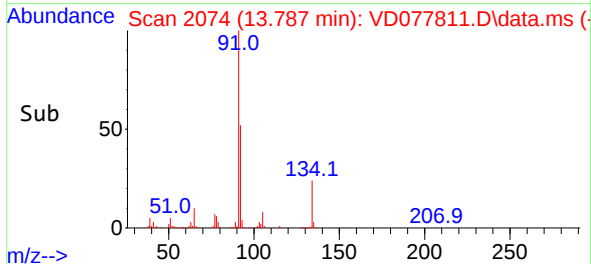
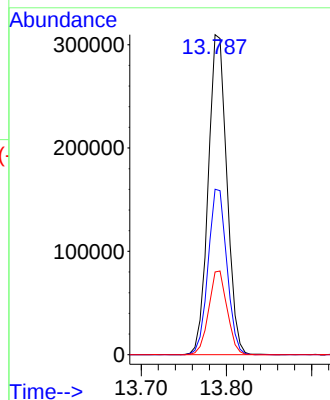
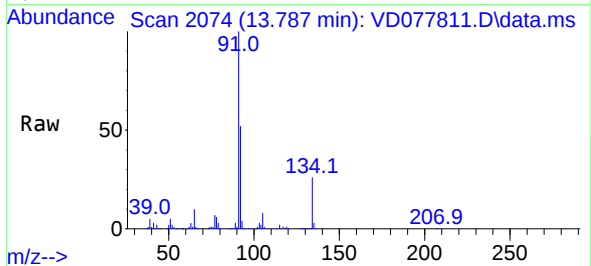




#89
n-Butylbenzene
Concen: 55.110 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

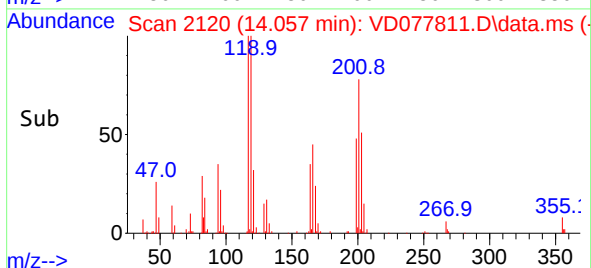
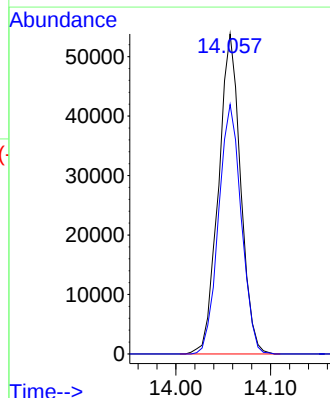
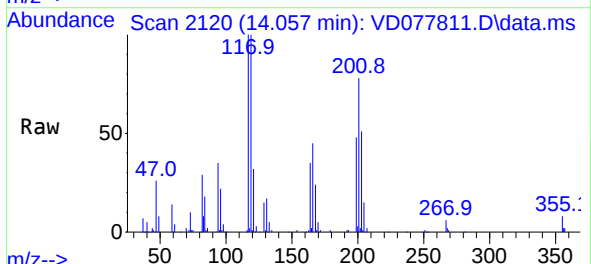
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

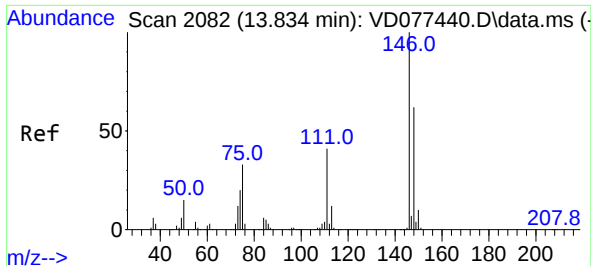
Tgt Ion: 91 Resp: 470144
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 25.8 13.8 41.3



#90
Hexachloroethane
Concen: 52.320 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 117 Resp: 87236
Ion Ratio Lower Upper
117 100
201 80.1 38.5 115.5

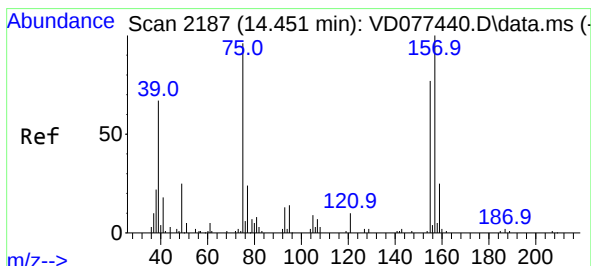
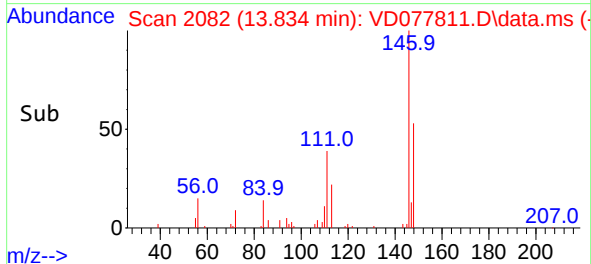
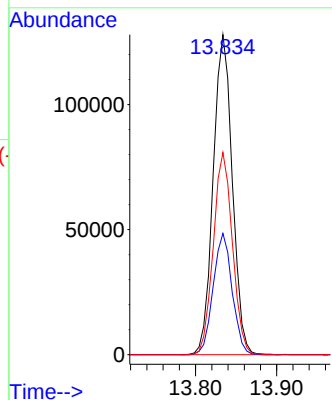
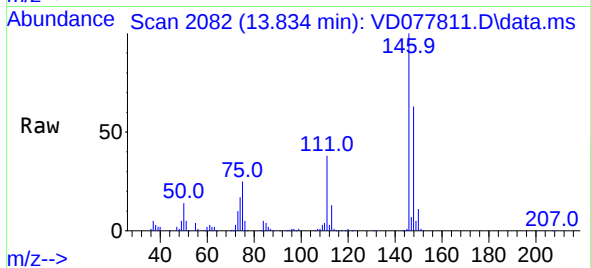




#91
1,2-Dichlorobenzene
Concen: 52.624 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

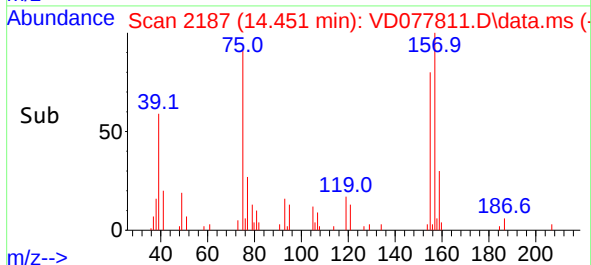
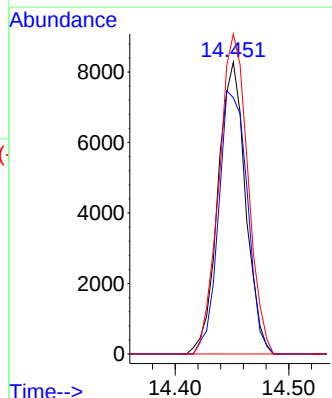
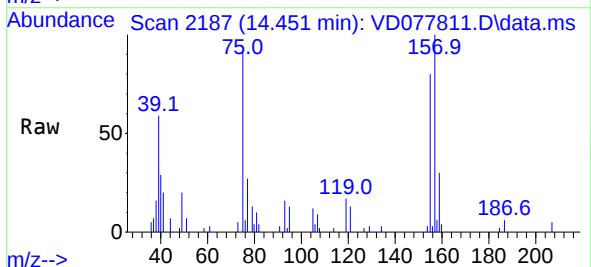
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

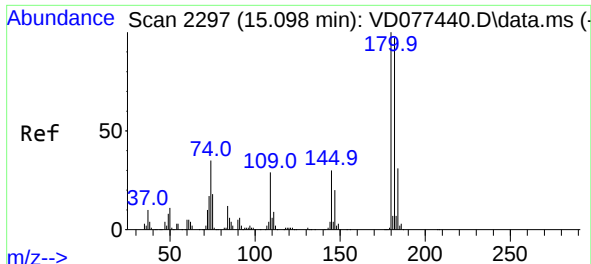
Tgt Ion:146 Resp: 209450
Ion Ratio Lower Upper
146 100
111 37.5 18.3 54.8
148 63.2 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.993 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion: 75 Resp: 13972
Ion Ratio Lower Upper
75 100
155 93.7 47.9 143.8
157 114.9 59.9 179.7

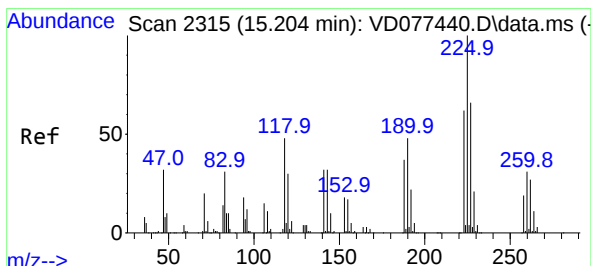
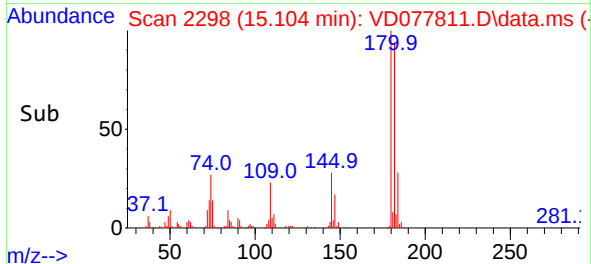
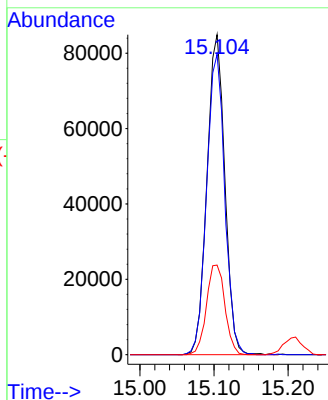
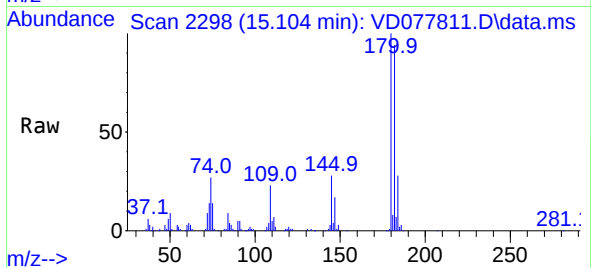




#93
1,2,4-Trichlorobenzene
Concen: 52.221 ug/l
RT: 15.104 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

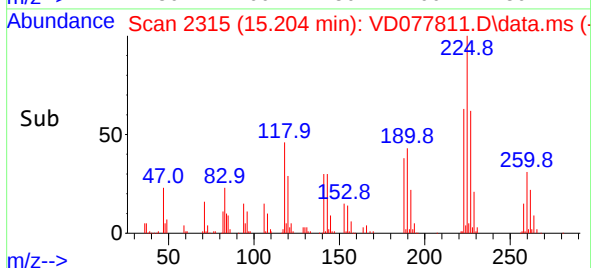
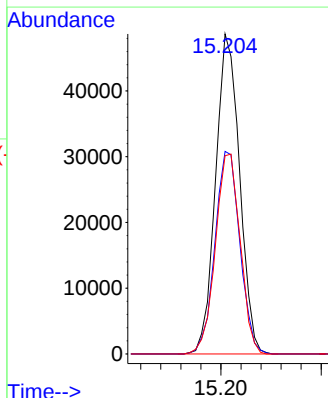
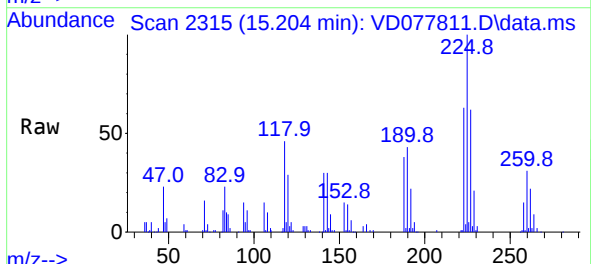
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

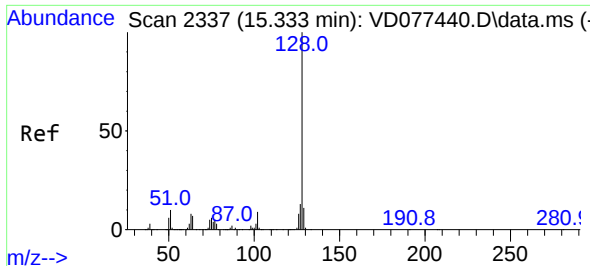
Tgt Ion:180 Resp: 141973
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 29.0 14.2 42.6



#94
Hexachlorobutadiene
Concen: 55.067 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion:225 Resp: 80730
Ion Ratio Lower Upper
225 100
223 65.7 31.6 94.8
227 64.4 31.7 95.1

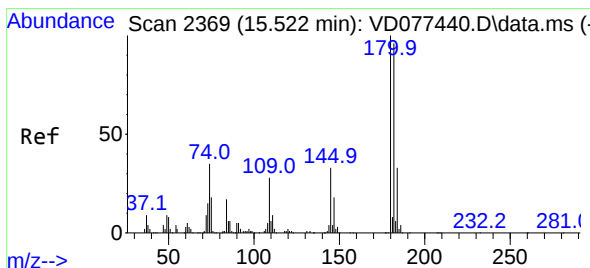
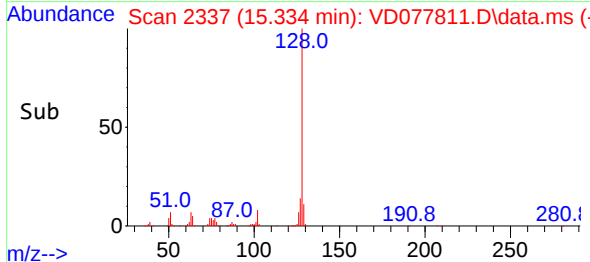
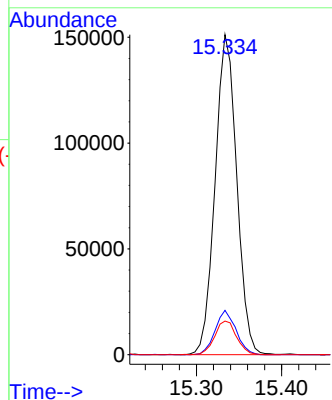
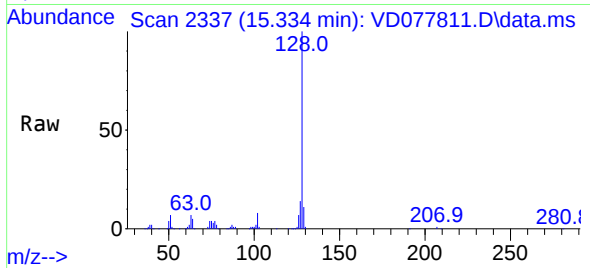




#95
Naphthalene
Concen: 59.089 ug/l
RT: 15.334 min Scan# 211
Delta R.T. 0.001 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 266911
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.528 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077811.D
Acq: 11 Dec 2023 14:38

Tgt Ion:180 Resp: 124455
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 30.4 15.1 45.3

