

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077813.D
 Acq On : 11 Dec 2023 16:07
 Operator : JC/SY
 Sample : VD1211SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS01

Quant Time: Dec 11 17:05:01 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	137933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	238942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	116734	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83848	51.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.180%	
35) Dibromofluoromethane	7.805	113	85548	51.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.220%	
50) Toluene-d8	10.269	98	344232	51.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.700%	
62) 4-Bromofluorobenzene	12.575	95	102384	51.086	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.180%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	36573	21.226	ug/l	97
3) Chloromethane	2.152	50	51482	21.920	ug/l	98
4) Vinyl Chloride	2.287	62	68415	21.458	ug/l	96
5) Bromomethane	2.693	94	39413	22.030	ug/l	96
6) Chloroethane	2.846	64	46046	21.183	ug/l	94
7) Trichlorofluoromethane	3.181	101	62086	21.143	ug/l	96
8) Diethyl Ether	3.593	74	18823	22.828	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.975	101	35310	21.019	ug/l	98
10) Methyl Iodide	4.175	142	23865	20.765	ug/l	94
11) Tert butyl alcohol	5.052	59	9028	108.986	ug/l #	90
12) 1,1-Dichloroethene	3.952	96	34615	20.878	ug/l #	80
13) Acrolein	3.793	56	17598	102.355	ug/l	97
14) Allyl chloride	4.564	41	48373	21.213	ug/l #	92
15) Acrylonitrile	5.258	53	39333	111.413	ug/l	98
16) Acetone	4.022	43	48708	122.582	ug/l	90
17) Carbon Disulfide	4.281	76	113339	20.206	ug/l	98
18) Methyl Acetate	4.569	43	27130	21.195	ug/l	89
19) Methyl tert-butyl Ether	5.328	73	78239	22.241	ug/l	94
20) Methylene Chloride	4.805	84	46164	21.192	ug/l #	87
21) trans-1,2-Dichloroethene	5.322	96	41218	21.948	ug/l	98
22) Diisopropyl ether	6.222	45	103857	21.795	ug/l	92
23) Vinyl Acetate	6.158	43	253936	109.123	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	71409	22.128	ug/l	99
25) 2-Butanone	7.081	43	54320	113.374	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	56764	20.951	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	45384	22.459	ug/l	91
28) Bromochloromethane	7.428	49	30039	23.036	ug/l #	75
29) Tetrahydrofuran	7.452	42	28790	111.235	ug/l	87
30) Chloroform	7.599	83	71256	22.063	ug/l	98
31) Cyclohexane	7.881	56	58513	20.240	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	60253	21.162	ug/l	99
36) 1,1-Dichloropropene	8.016	75	55476	20.722	ug/l	93
37) Ethyl Acetate	7.175	43	19996	19.155	ug/l	97
38) Carbon Tetrachloride	7.999	117	54953	20.590	ug/l	92
39) Methylcyclohexane	9.275	83	64417	20.297	ug/l	93
40) Benzene	8.257	78	158456	20.854	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077813.D
 Acq On : 11 Dec 2023 16:07
 Operator : JC/SY
 Sample : VD1211SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS01

Quant Time: Dec 11 17:05:01 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)
41) Methacrylonitrile	7.405	41	10819	20.391	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	42768	21.714	ug/l	95
43) Isopropyl Acetate	8.363	43	38945	20.987	ug/l	95
44) Trichloroethene	9.034	130	40890	20.650	ug/l	96
45) 1,2-Dichloropropane	9.310	63	40463	21.906	ug/l	96
46) Dibromomethane	9.399	93	21562	22.062	ug/l	94
47) Bromodichloromethane	9.587	83	52779	21.305	ug/l	98
48) Methyl methacrylate	9.381	41	23071	21.871	ug/l #	76
49) 1,4-Dioxane	9.387	88	4424	455.856	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	101560	107.238	ug/l	89
52) Toluene	10.334	92	101127	21.455	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	51389	21.602	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	61210	21.282	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	29321	21.933	ug/l	97
56) Ethyl methacrylate	10.598	69	25270	21.443	ug/l #	79
57) 1,3-Dichloropropane	10.881	76	49866	21.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	70742	105.261	ug/l	95
59) 2-Hexanone	10.922	43	84518	107.568	ug/l	87
60) Dibromochloromethane	11.075	129	35433	22.014	ug/l	95
61) 1,2-Dibromoethane	11.181	107	27620	21.948	ug/l	97
64) Tetrachloroethene	10.810	164	33884	20.455	ug/l	97
65) Chlorobenzene	11.610	112	106726	18.934	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	38653	20.624	ug/l	94
67) Ethyl Benzene	11.687	91	187054	19.935	ug/l	97
68) m/p-Xylenes	11.793	106	144693	40.315	ug/l	91
69) o-Xylene	12.122	106	67509	20.409	ug/l	94
70) Styrene	12.134	104	102950	20.931	ug/l	94
71) Bromoform	12.298	173	21278	21.729	ug/l #	97
73) Isopropylbenzene	12.422	105	176944	20.000	ug/l	96
74) N-amyl acetate	12.234	43	34849	20.038	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	31756	20.585	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	40074	39.527	ug/l #	100
77) Bromobenzene	12.704	156	42502	20.424	ug/l	92
78) n-propylbenzene	12.763	91	214353	19.883	ug/l	97
79) 2-Chlorotoluene	12.851	91	116917	20.236	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	149472	20.256	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	10838	21.659	ug/l	98
82) 4-Chlorotoluene	12.945	91	123140	20.387	ug/l	97
83) tert-Butylbenzene	13.169	119	125146	20.089	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	148468	20.116	ug/l	96
85) sec-Butylbenzene	13.345	105	183079	19.882	ug/l	98
86) p-Isopropyltoluene	13.463	119	160799	19.504	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	84696	19.902	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	88323	19.824	ug/l	98
89) n-Butylbenzene	13.787	91	150807	19.440	ug/l	98
90) Hexachloroethane	14.057	117	32337	21.327	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	75946	20.983	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4781	20.823	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	47253	19.114	ug/l	99
94) Hexachlorobutadiene	15.204	225	25570	19.180	ug/l	97
95) Naphthalene	15.334	128	85034	20.702	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	41484	20.354	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077813.D
Acq On : 11 Dec 2023 16:07
Operator : JC/SY
Sample : VD1211SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

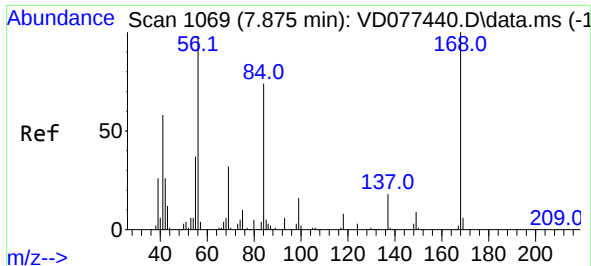
Quant Time: Dec 11 17:05:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Dec 11 17:05:01 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

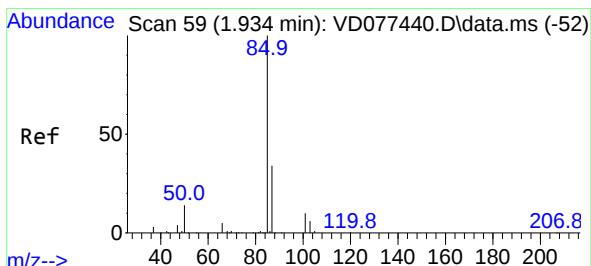
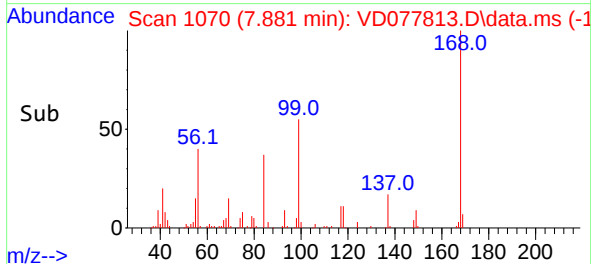
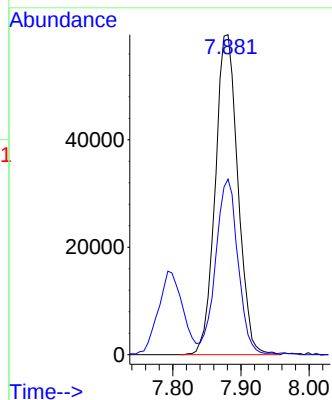
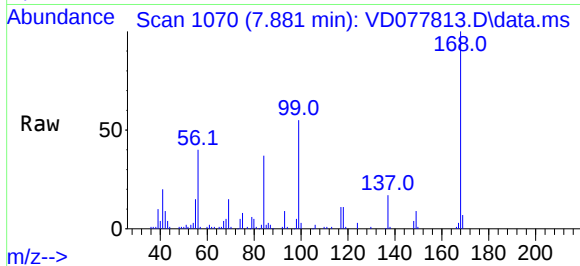




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

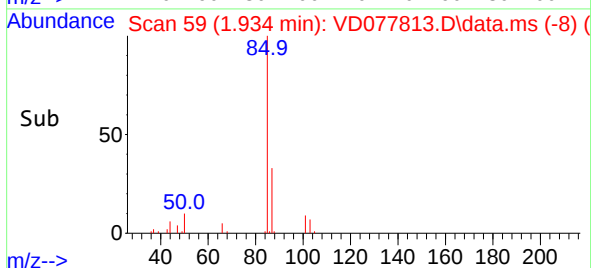
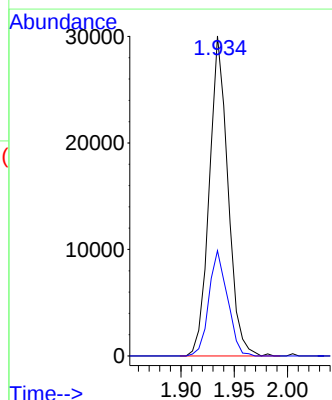
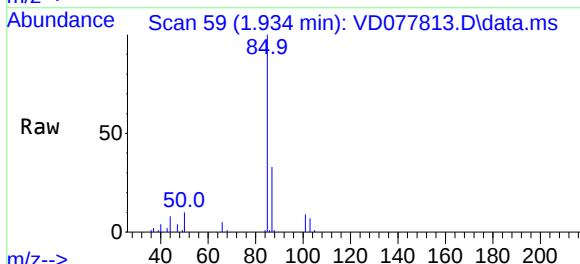
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

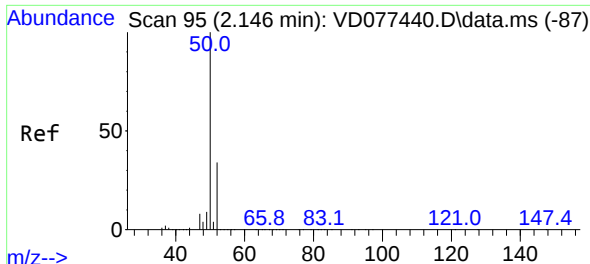
Tgt Ion:168 Resp: 137933
Ion Ratio Lower Upper
168 100
99 54.4 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 21.226 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 85 Resp: 36573
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0

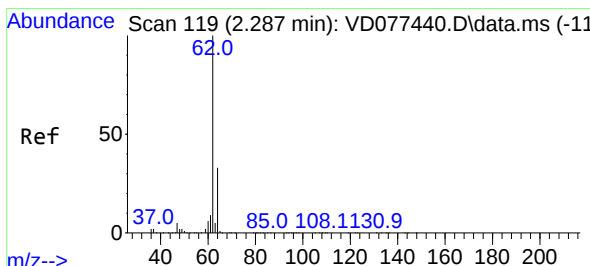
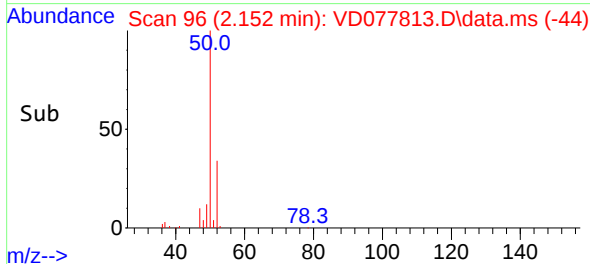
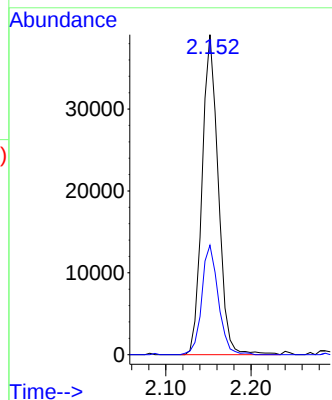
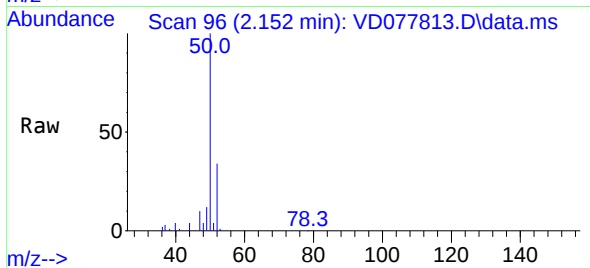




#3
Chloromethane
Concen: 21.920 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

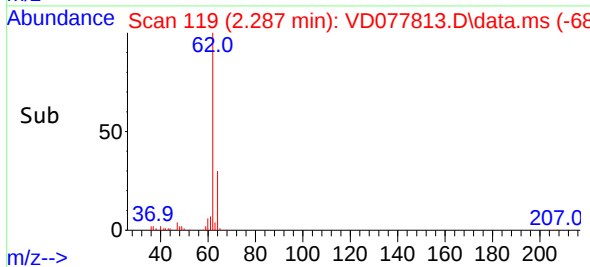
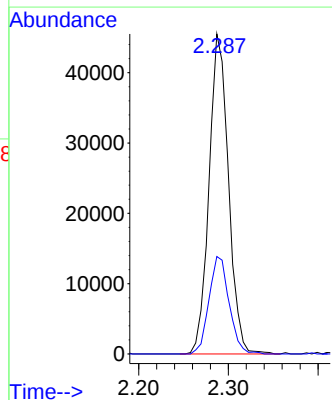
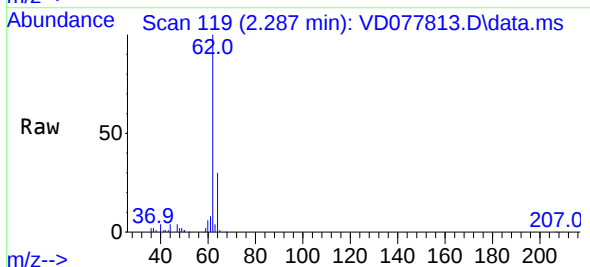
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

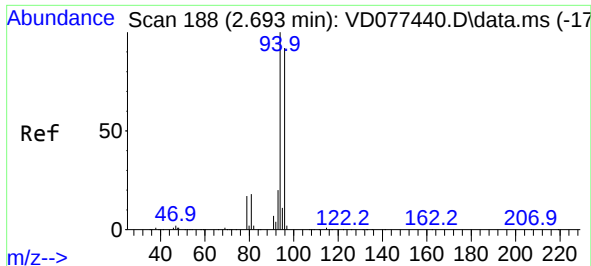
Tgt Ion: 50 Resp: 51482
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0



#4
Vinyl Chloride
Concen: 21.458 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 62 Resp: 68415
Ion Ratio Lower Upper
62 100
64 30.5 26.0 39.0

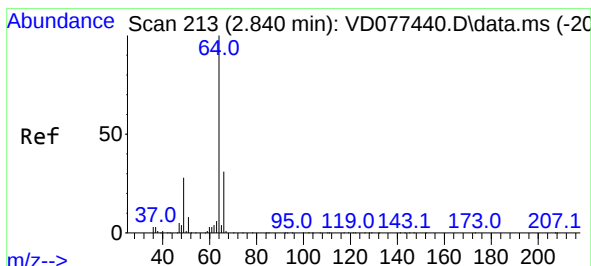
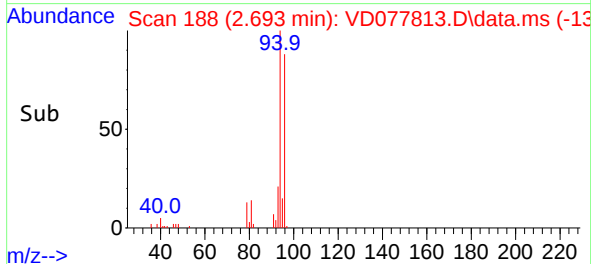
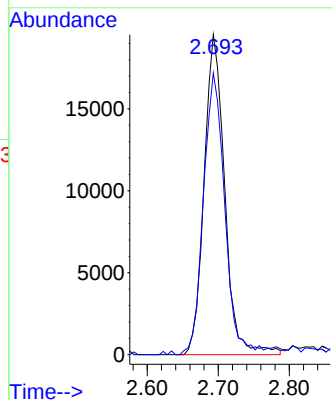
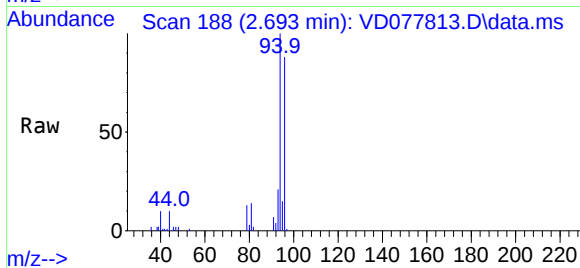




#5
Bromomethane
Concen: 22.030 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

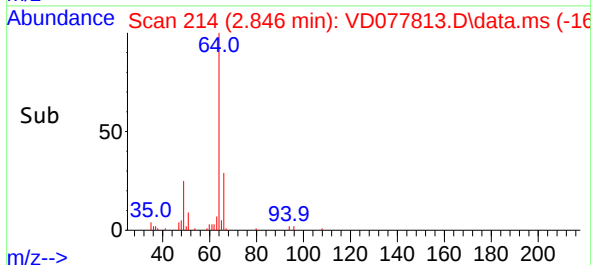
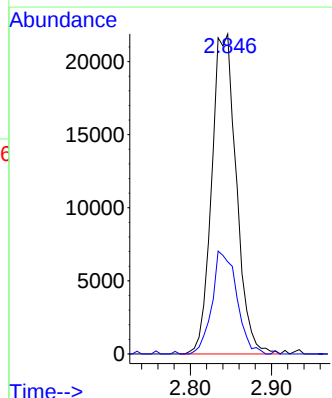
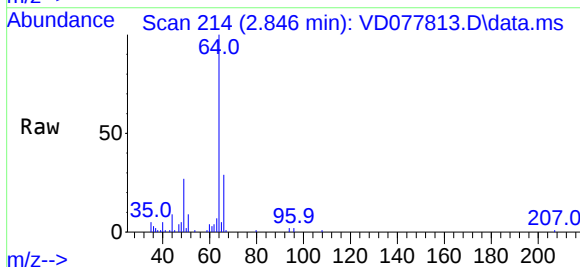
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

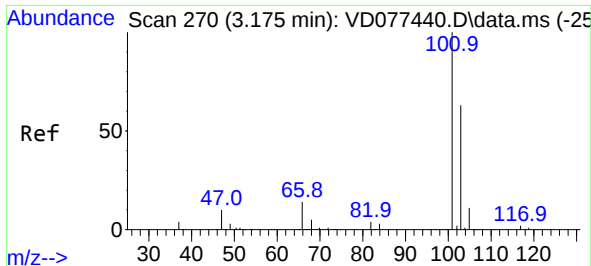
Tgt Ion: 94 Resp: 39413
Ion Ratio Lower Upper
94 100
96 90.7 75.8 113.8



#6
Chloroethane
Concen: 21.183 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 64 Resp: 46046
Ion Ratio Lower Upper
64 100
66 28.8 25.5 38.3

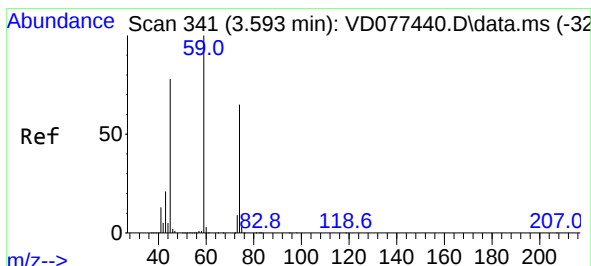
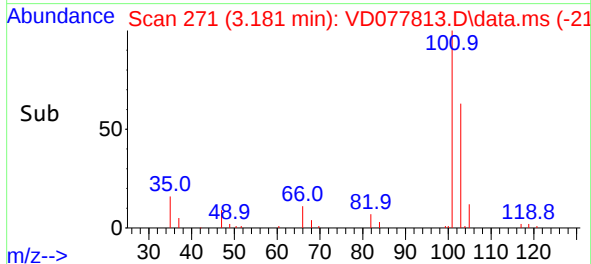
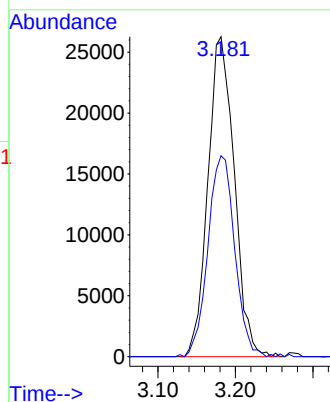
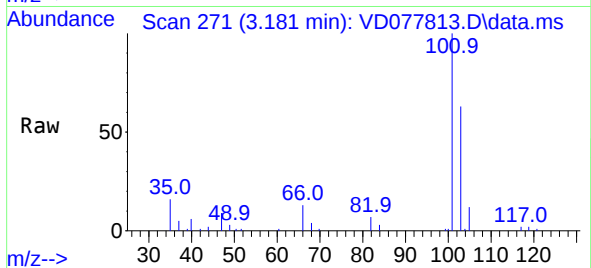




#7
Trichlorofluoromethane
Concen: 21.143 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

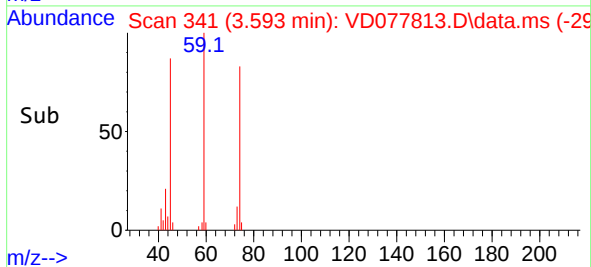
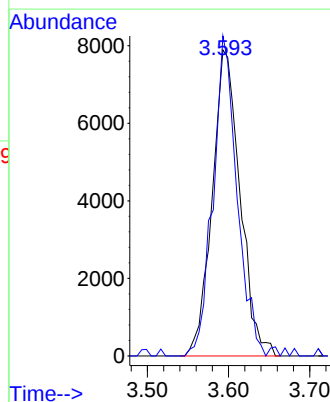
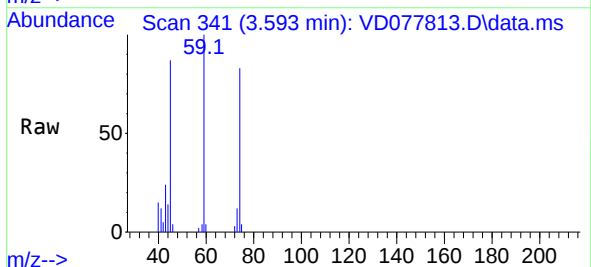
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

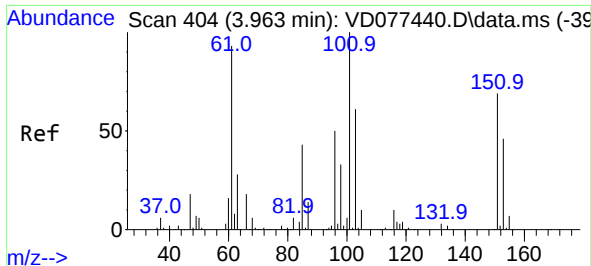
Tgt Ion:101 Resp: 62086
Ion Ratio Lower Upper
101 100
103 62.2 52.3 78.5



#8
Diethyl Ether
Concen: 22.828 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 74 Resp: 18823
Ion Ratio Lower Upper
74 100
45 90.1 37.5 112.7

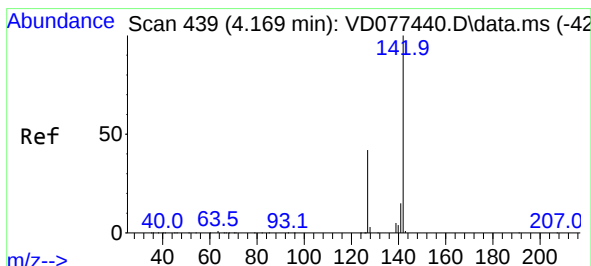
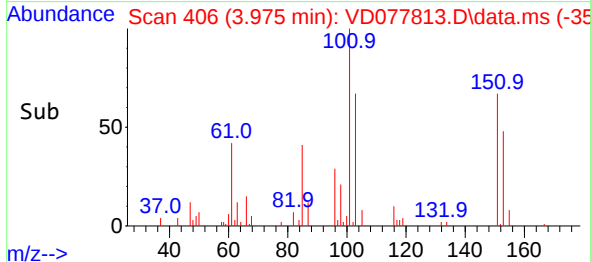
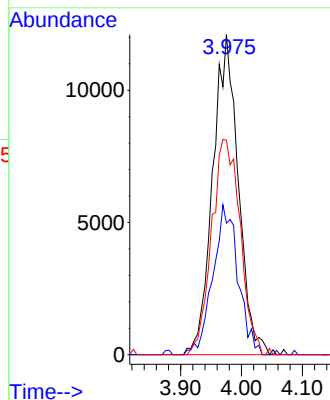
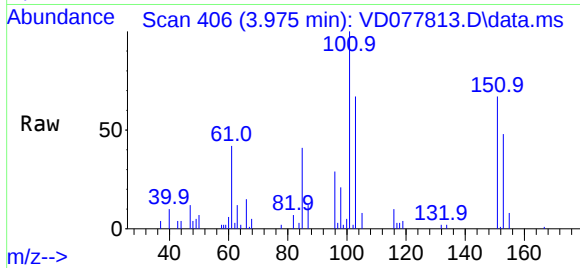




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.019 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

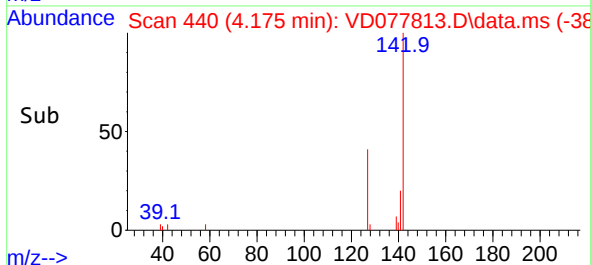
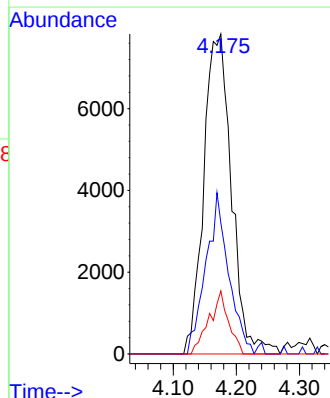
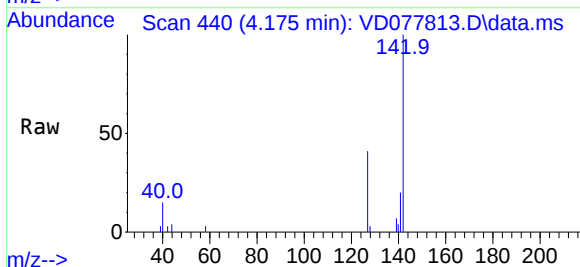
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

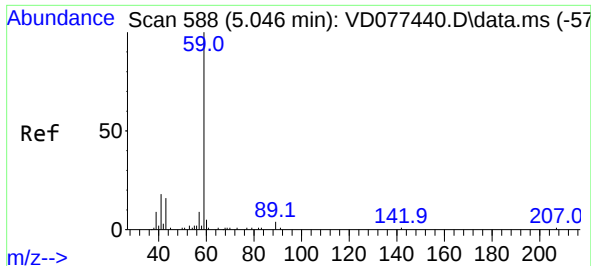
Tgt Ion:101 Resp: 35310
Ion Ratio Lower Upper
101 100
85 46.1 33.8 50.6
151 75.0 59.8 89.6



#10
Methyl Iodide
Concen: 20.765 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion:142 Resp: 23865
Ion Ratio Lower Upper
142 100
127 41.4 29.4 44.0
141 13.8 11.1 16.7

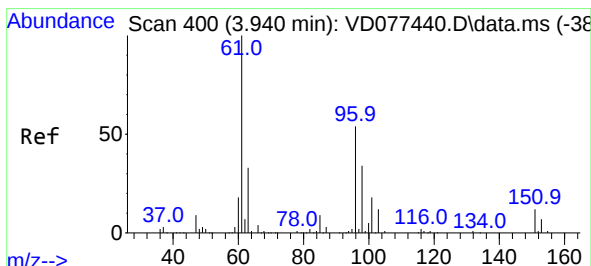
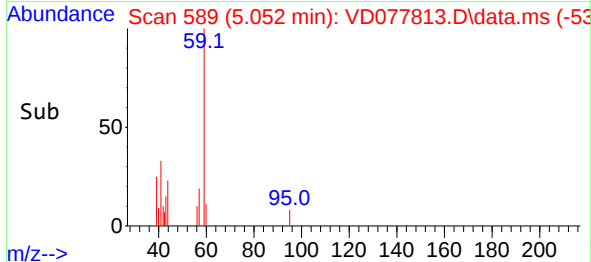
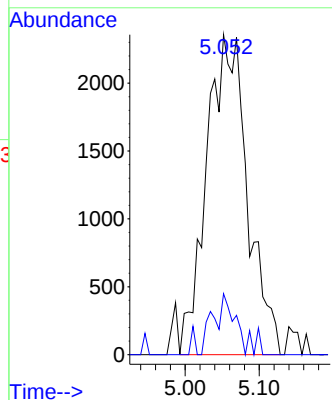
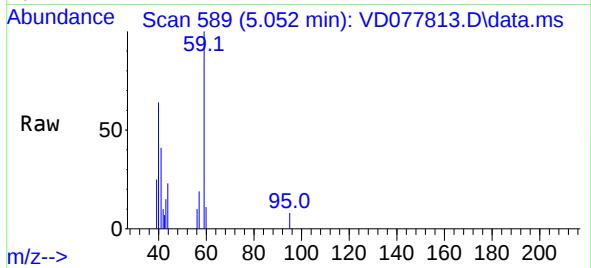




#11
Tert butyl alcohol
Concen: 108.986 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

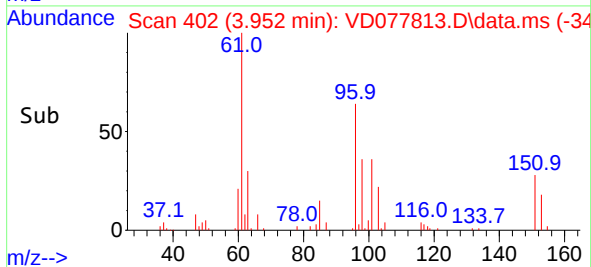
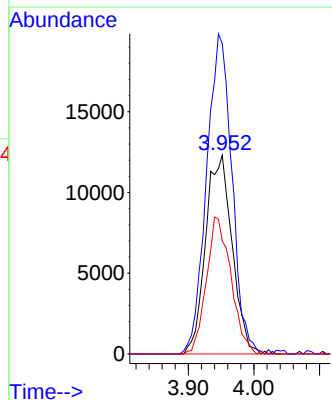
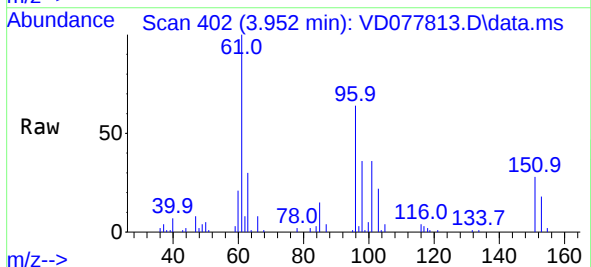
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

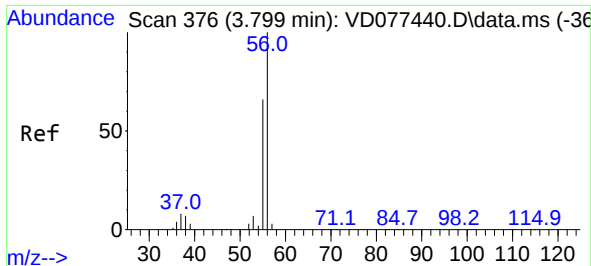
Tgt Ion: 59 Resp: 9028
Ion Ratio Lower Upper
59 100
57 5.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.878 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 96 Resp: 34615
Ion Ratio Lower Upper
96 100
61 156.2 100.6 150.8#
98 56.8 50.2 75.2

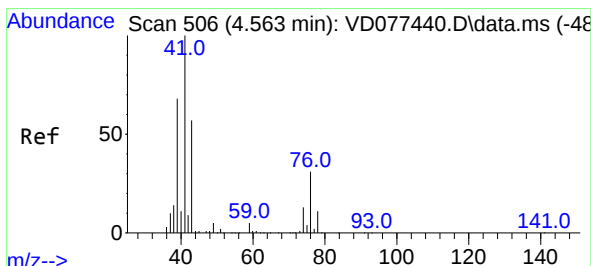
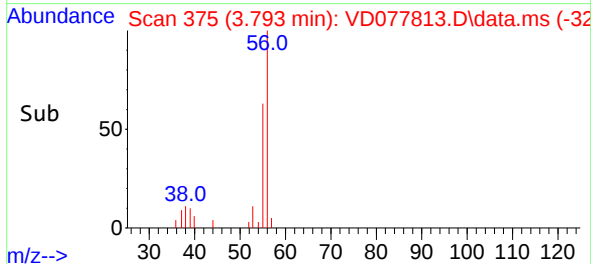
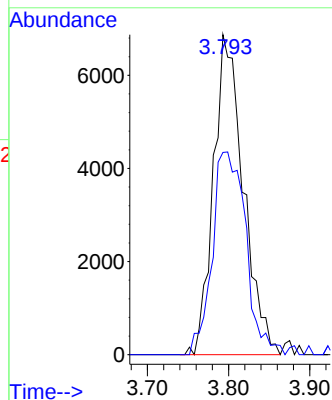
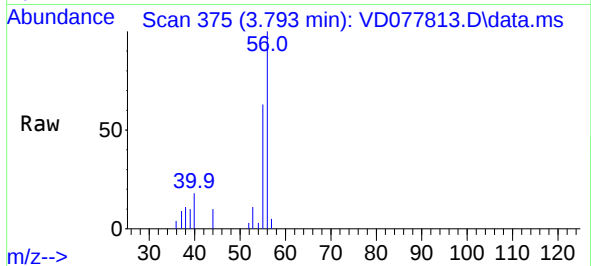




#13
Acrolein
Concen: 102.355 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

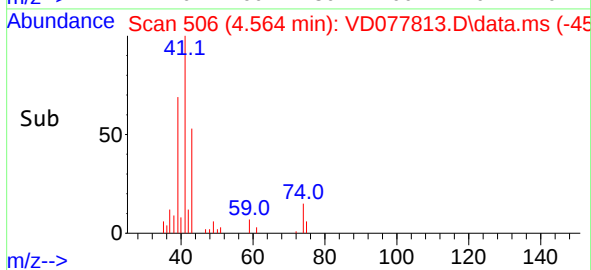
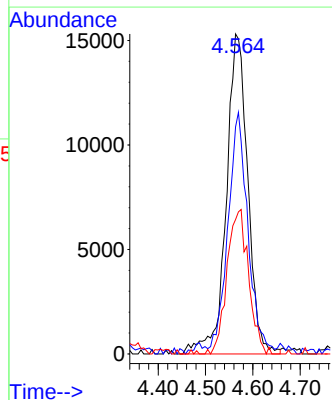
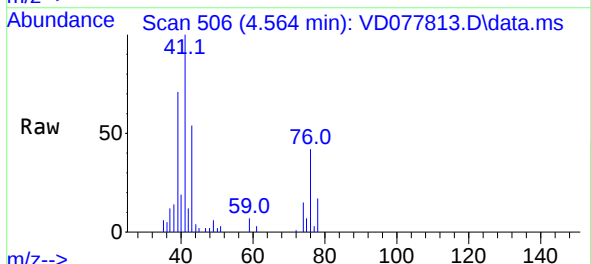
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

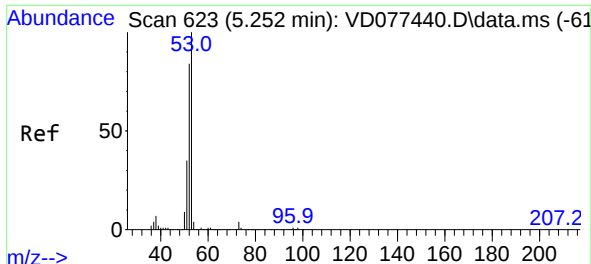
Tgt Ion: 56 Resp: 17598
Ion Ratio Lower Upper
56 100
55 70.9 55.1 82.7



#14
Allyl chloride
Concen: 21.213 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 41 Resp: 48373
Ion Ratio Lower Upper
41 100
39 68.0 53.8 80.6
76 45.1 45.8 68.8#

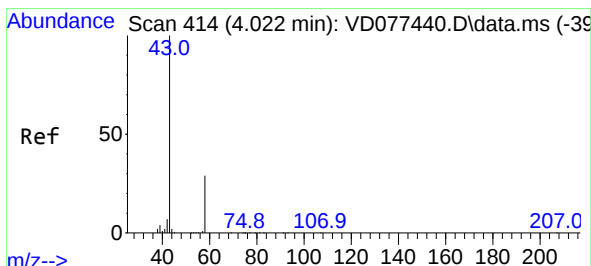
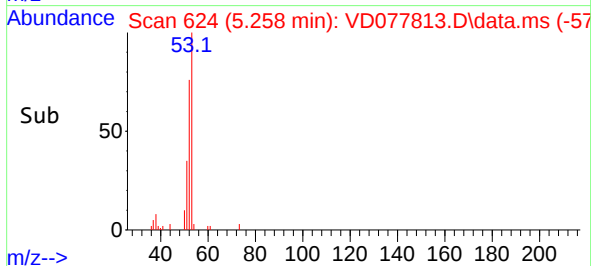
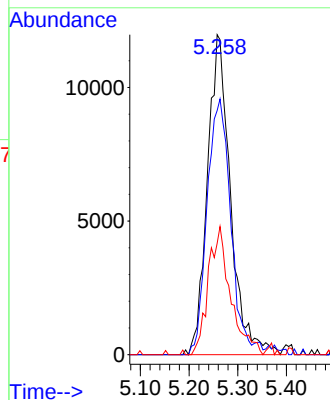
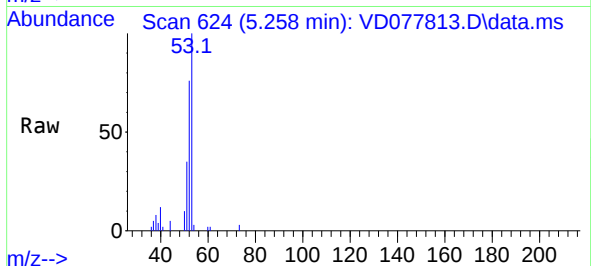




#15
Acrylonitrile
Concen: 111.413 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

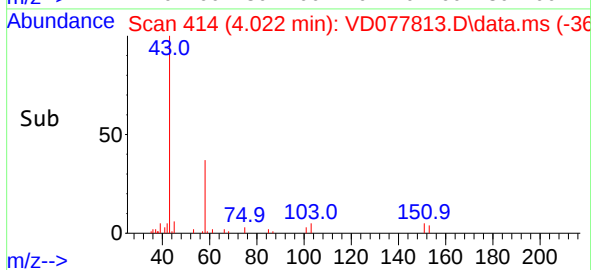
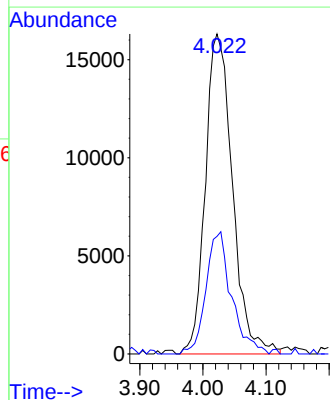
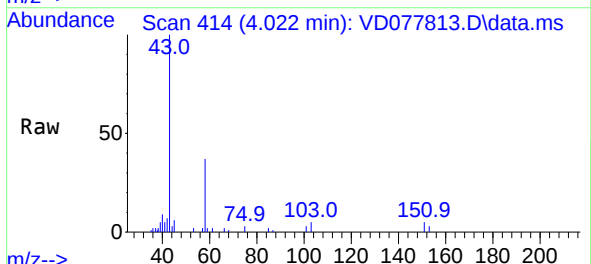
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

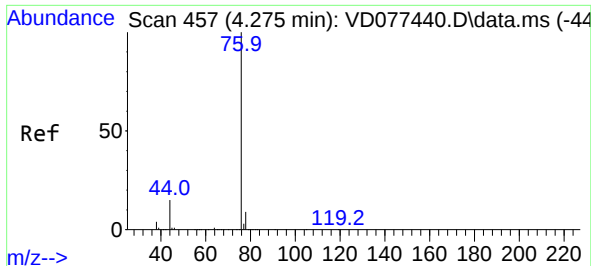
Tgt Ion: 53 Resp: 39333
Ion Ratio Lower Upper
53 100
52 81.0 65.0 97.4
51 38.7 28.3 42.5



#16
Acetone
Concen: 122.582 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 43 Resp: 48708
Ion Ratio Lower Upper
43 100
58 36.7 34.7 52.1

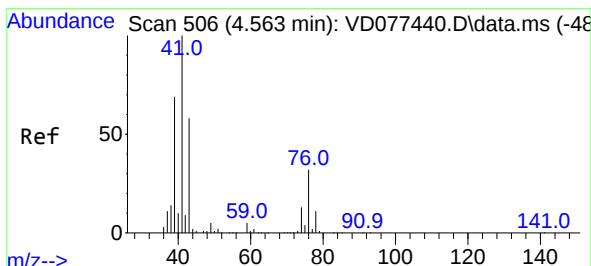
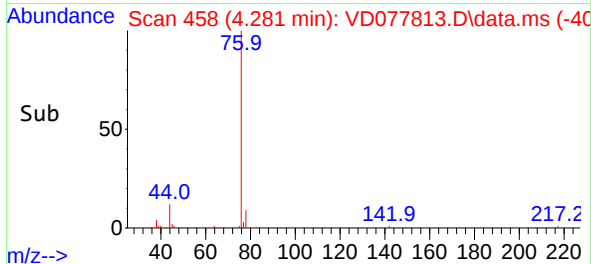
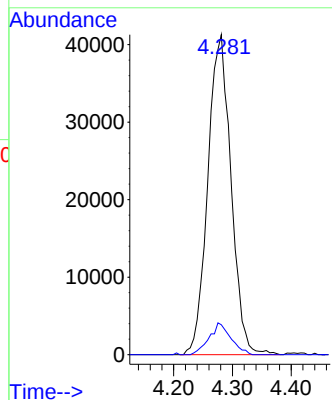
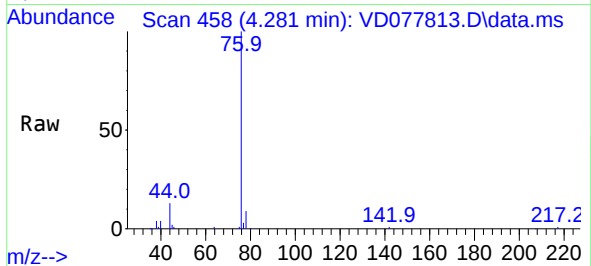




#17
Carbon Disulfide
Concen: 20.206 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

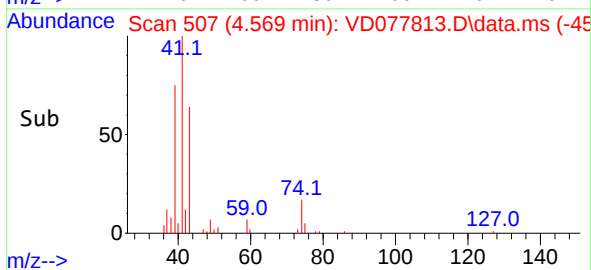
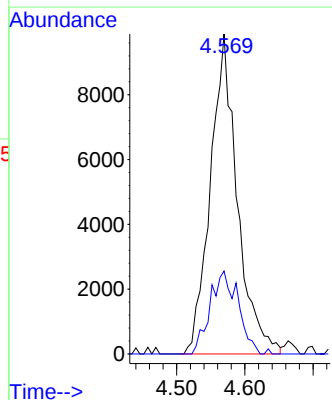
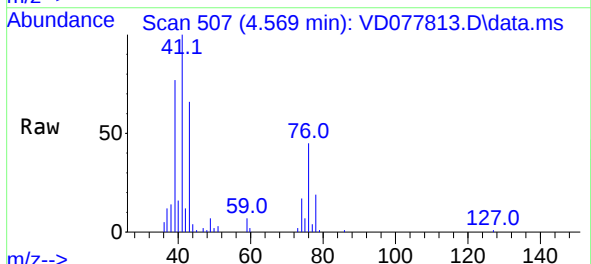
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

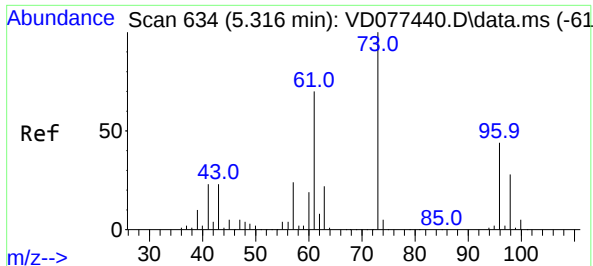
Tgt Ion: 76 Resp: 113339
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 21.195 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 43 Resp: 27130
Ion Ratio Lower Upper
43 100
74 27.0 26.4 39.6

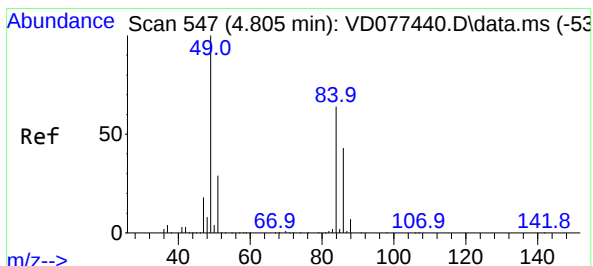
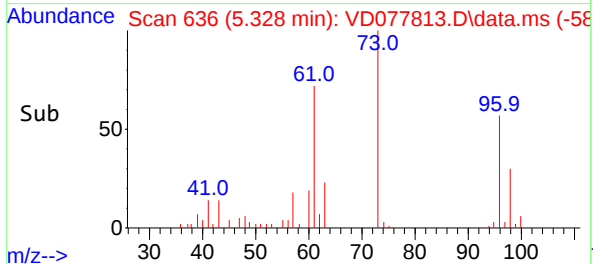
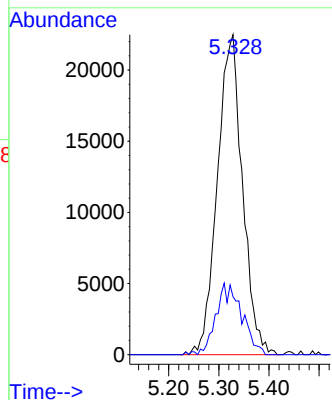
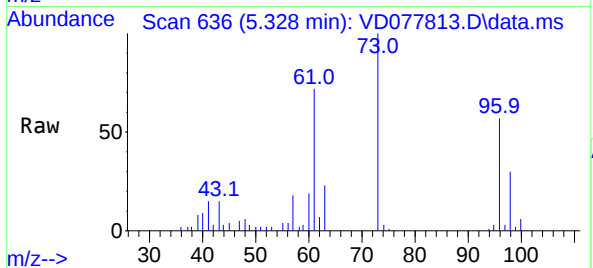




#19
Methyl tert-butyl Ether
Concen: 22.241 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

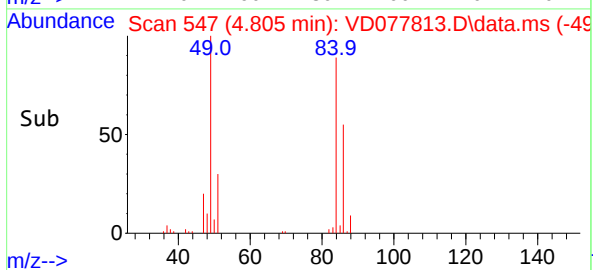
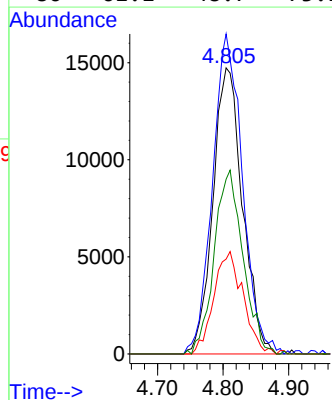
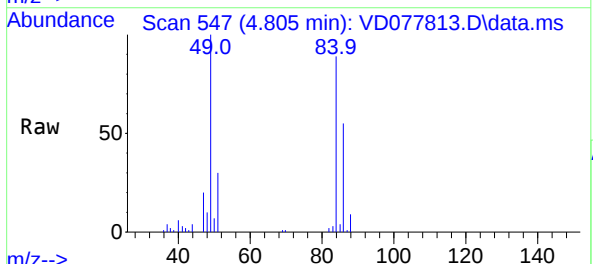
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

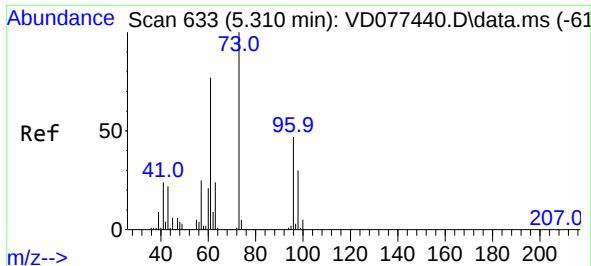
Tgt Ion: 73 Resp: 78239
Ion Ratio Lower Upper
73 100
57 18.2 16.6 25.0



#20
Methylene Chloride
Concen: 21.192 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 84 Resp: 46164
Ion Ratio Lower Upper
84 100
49 111.8 71.4 107.2#
51 33.2 24.5 36.7
86 61.1 48.7 73.1

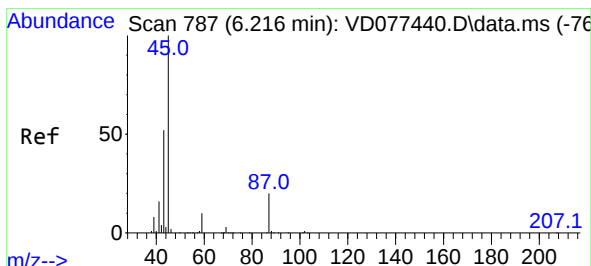
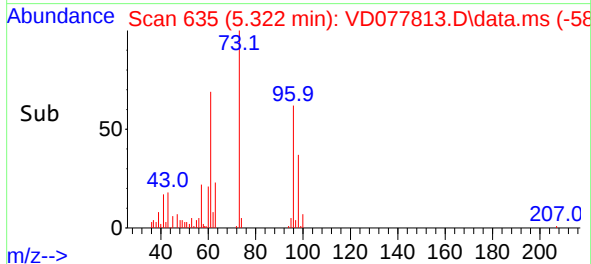
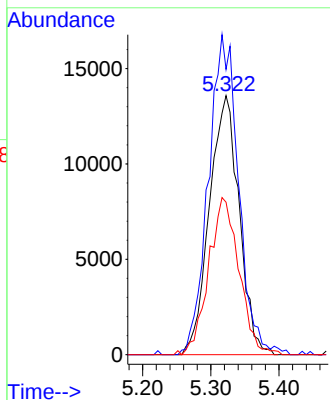
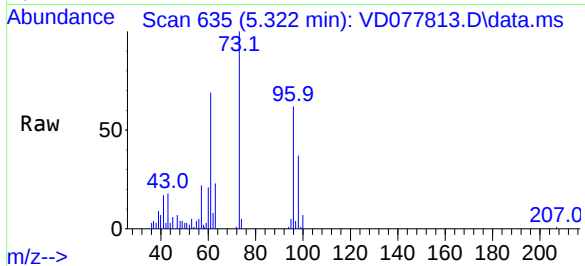




#21
trans-1,2-Dichloroethene
Concen: 21.948 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

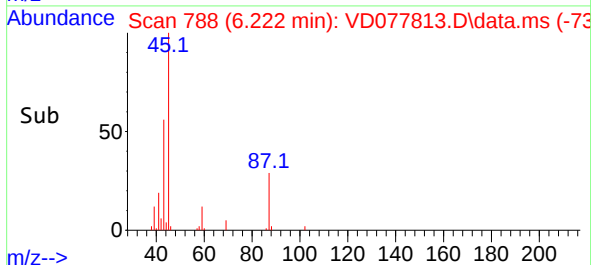
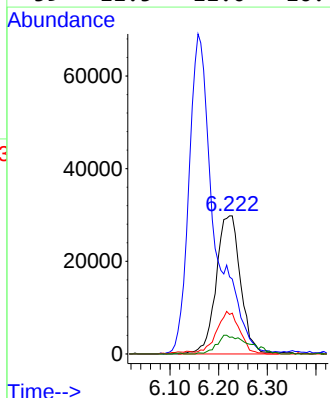
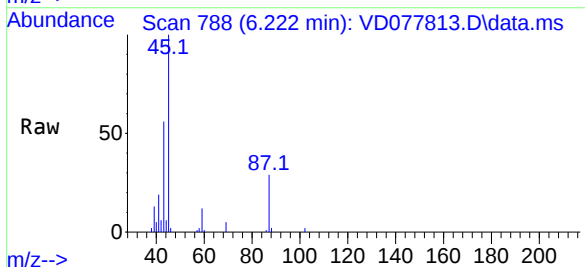
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

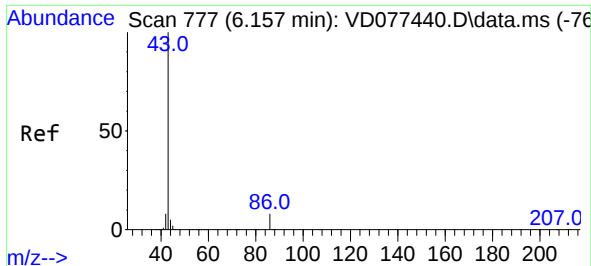
Tgt Ion: 96 Resp: 41218
Ion Ratio Lower Upper
96 100
61 110.1 89.3 133.9
98 57.5 48.6 73.0



#22
Diisopropyl ether
Concen: 21.795 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 45 Resp: 103857
Ion Ratio Lower Upper
45 100
43 54.4 40.0 60.0
87 28.7 28.2 42.4
59 11.5 11.0 16.4

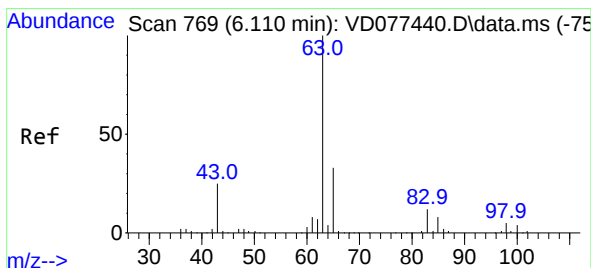
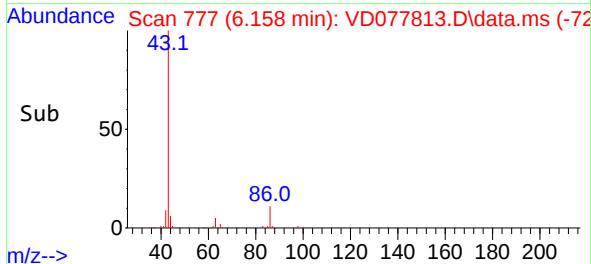
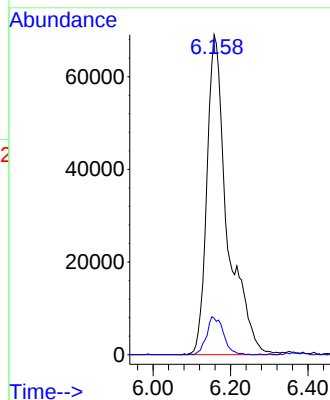
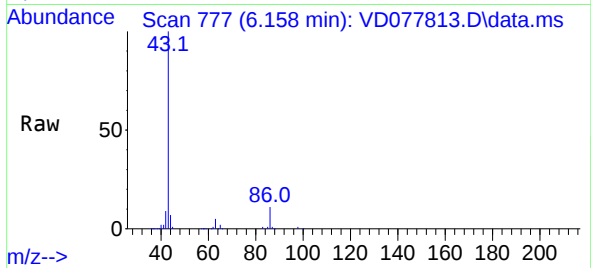




#23
 Vinyl Acetate
 Concen: 109.123 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077813.D
 Acq: 11 Dec 2023 16:07

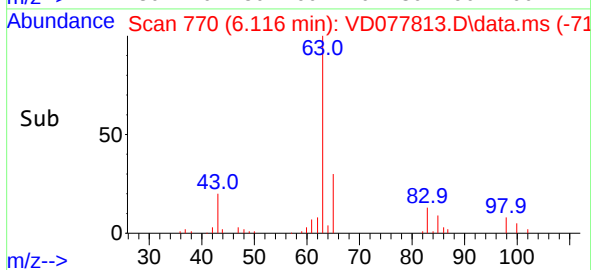
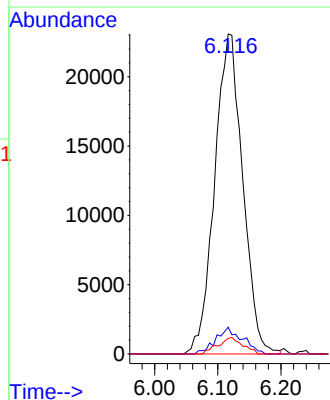
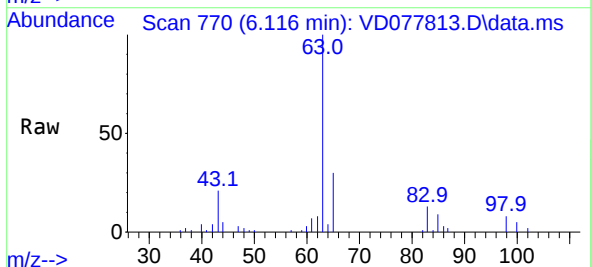
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS01

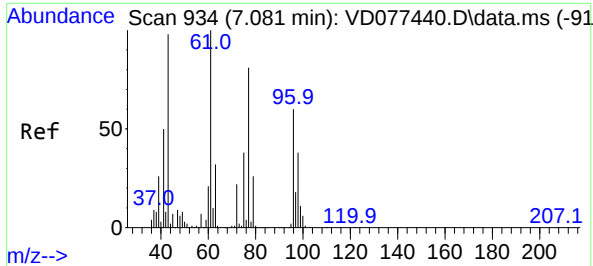
Tgt Ion: 43 Resp: 253936
 Ion Ratio Lower Upper
 43 100
 86 11.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 22.128 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077813.D
 Acq: 11 Dec 2023 16:07

Tgt Ion: 63 Resp: 71409
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 4.8 2.5 7.5

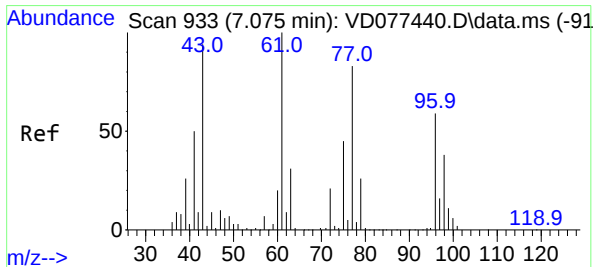
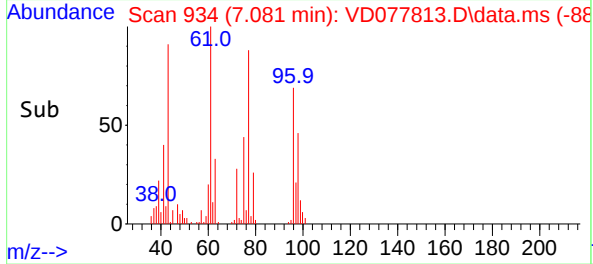
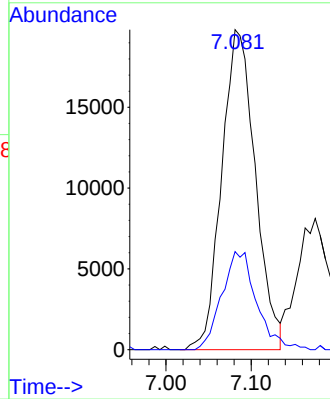
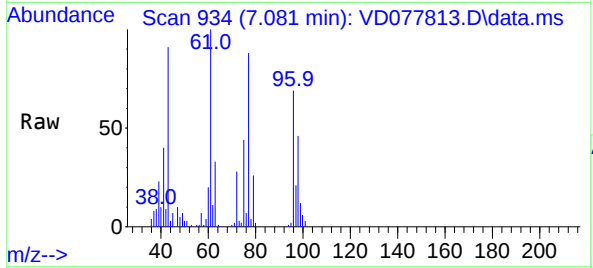




#25
2-Butanone
Concen: 113.374 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

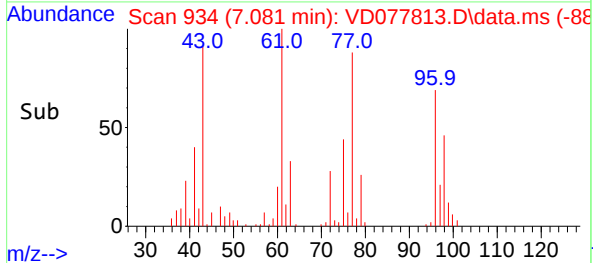
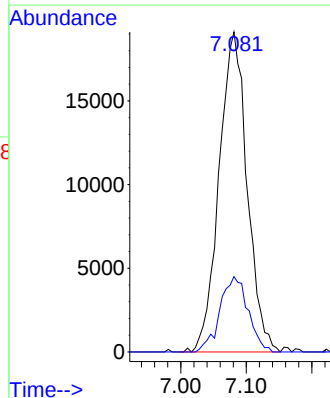
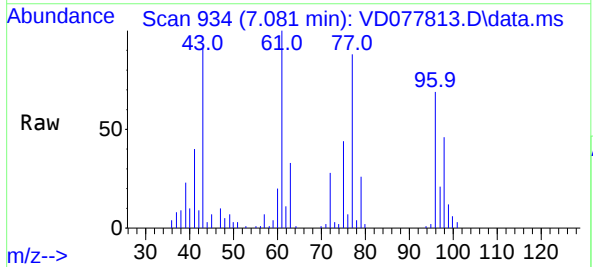
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

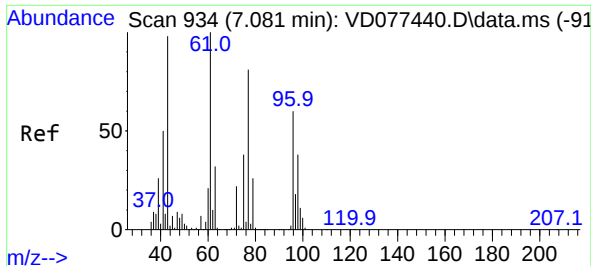
Tgt Ion: 43 Resp: 54320
Ion Ratio Lower Upper
43 100
72 30.6 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 20.951 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 77 Resp: 56764
Ion Ratio Lower Upper
77 100
97 23.6 13.2 39.6

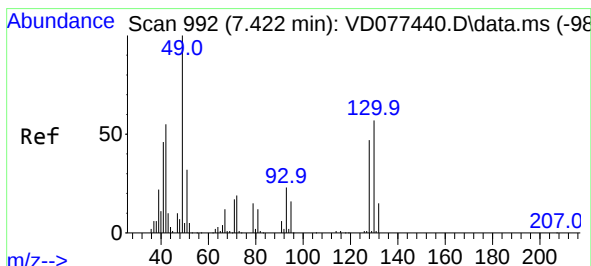
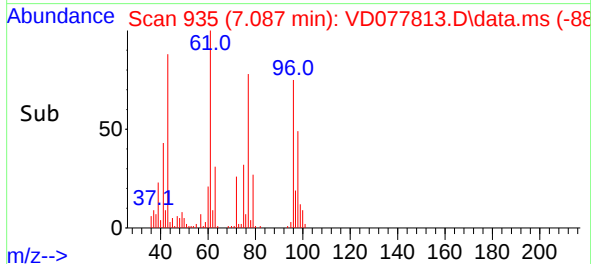
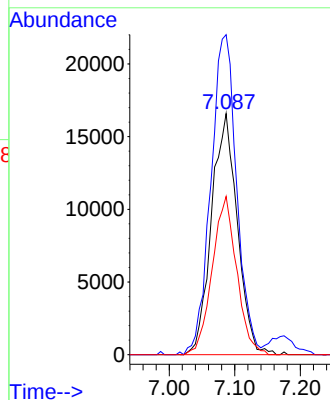
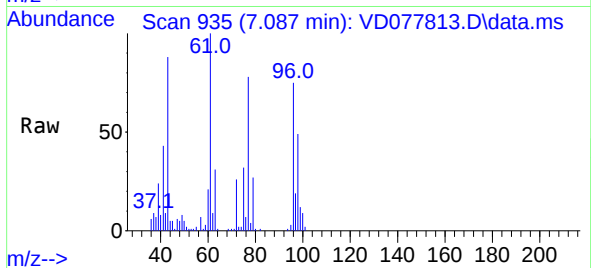




#27
cis-1,2-Dichloroethene
Concen: 22.459 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

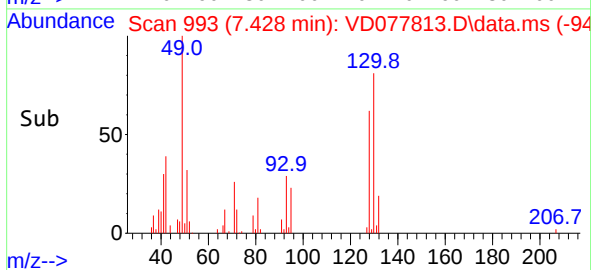
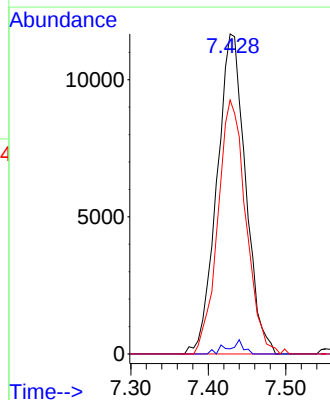
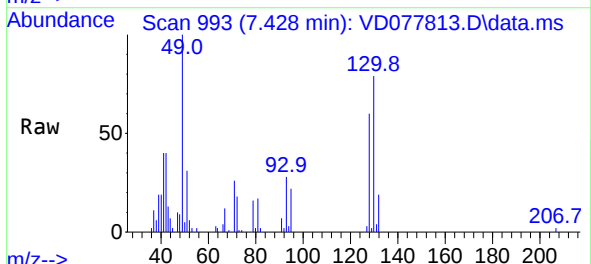
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

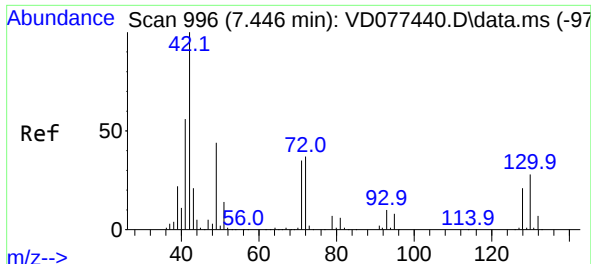
Tgt Ion: 96 Resp: 45384
Ion Ratio Lower Upper
96 100
61 132.7 0.0 239.2
98 62.2 0.0 128.6



#28
Bromochloromethane
Concen: 23.036 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 49 Resp: 30039
Ion Ratio Lower Upper
49 100
129 2.3 0.0 6.0
130 77.7 83.2 124.8#

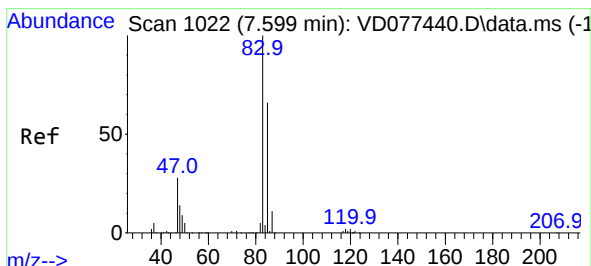
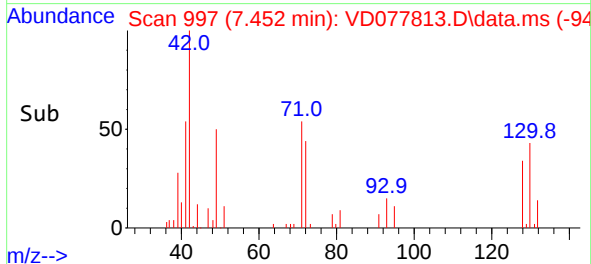
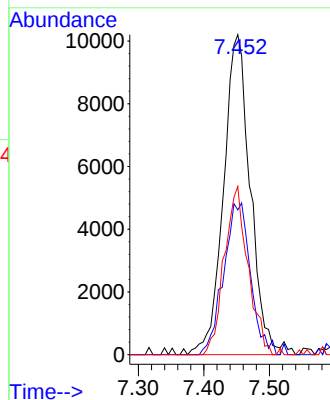
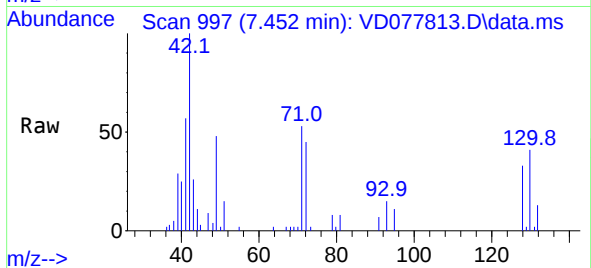




#29
Tetrahydrofuran
Concen: 111.235 ug/l
RT: 7.452 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

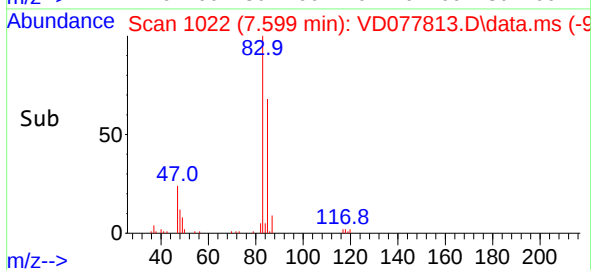
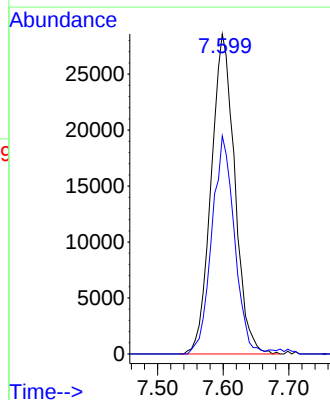
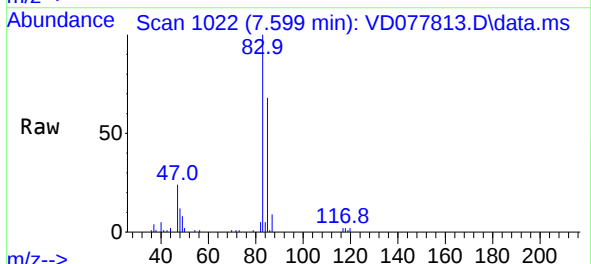
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

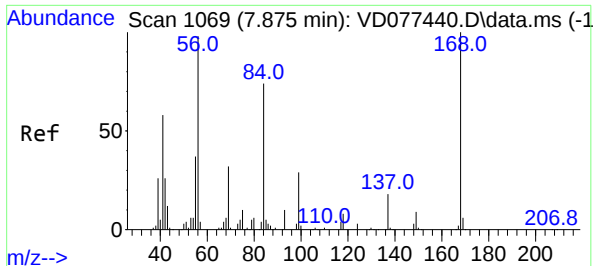
Tgt Ion: 42 Resp: 28790
Ion Ratio Lower Upper
42 100
72 48.0 46.5 69.7
71 46.9 44.5 66.7



#30
Chloroform
Concen: 22.063 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 83 Resp: 71256
Ion Ratio Lower Upper
83 100
85 68.2 53.4 80.2





#31

Cyclohexane

Concen: 20.240 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD077813.D

Acq: 11 Dec 2023 16:07

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS01

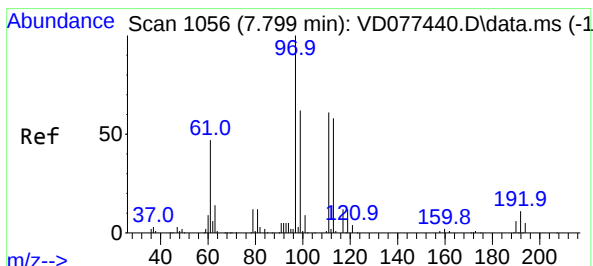
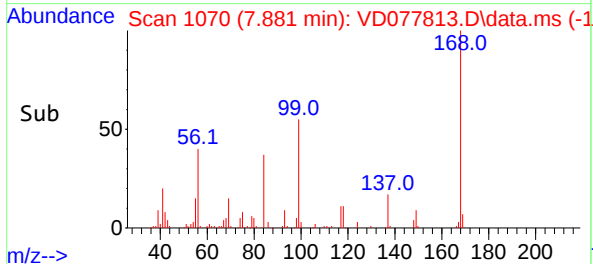
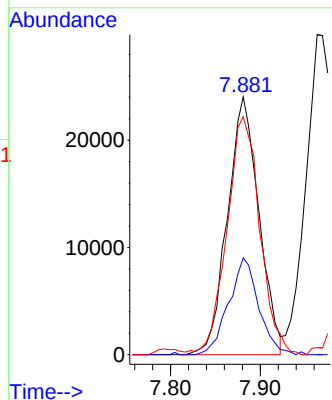
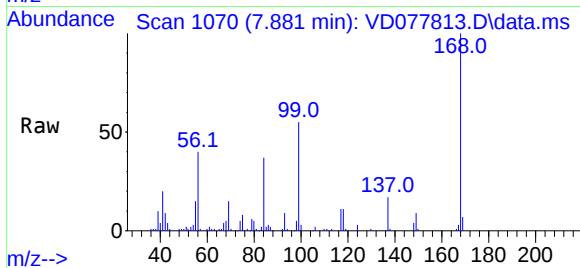
Tgt Ion: 56 Resp: 58513

Ion Ratio Lower Upper

56 100

69 37.5 28.6 43.0

84 91.0 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.162 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077813.D

Acq: 11 Dec 2023 16:07

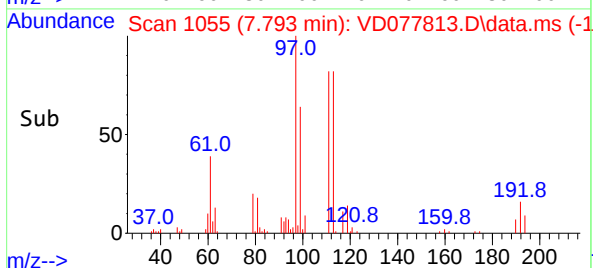
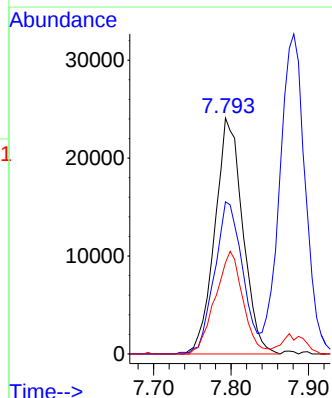
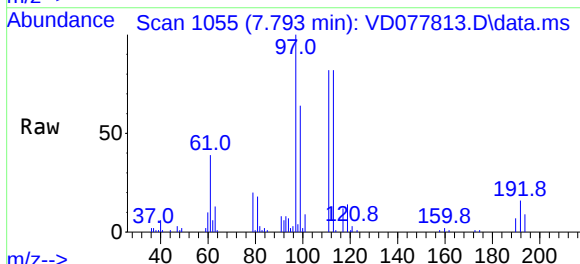
Tgt Ion: 97 Resp: 60253

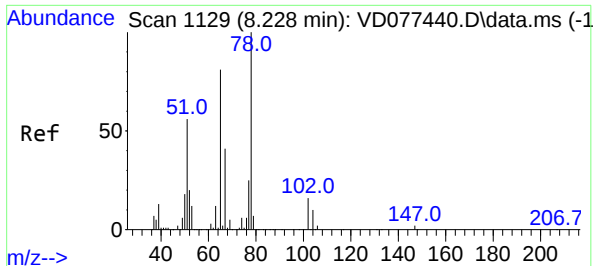
Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

61 43.5 33.8 50.8

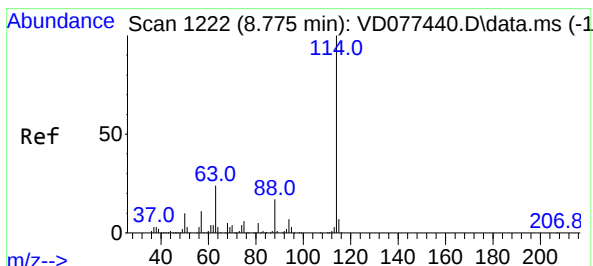
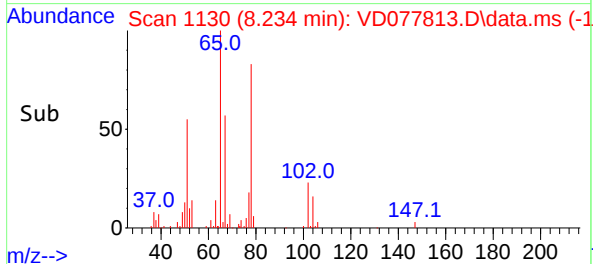
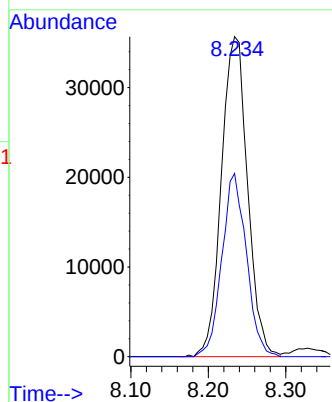
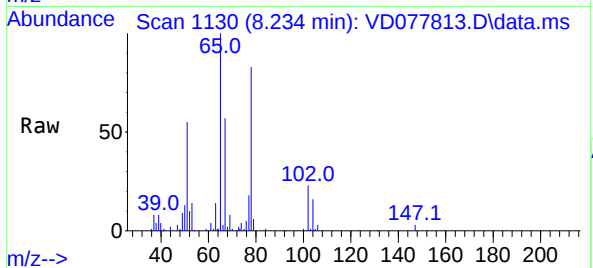




#33
1,2-Dichloroethane-d4
Concen: 51.588 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

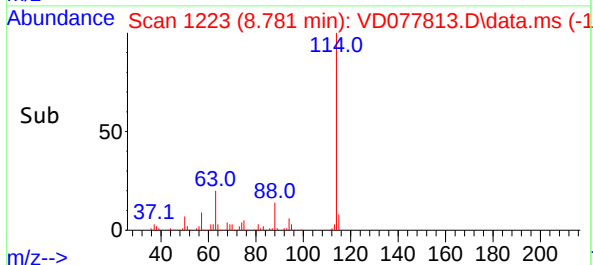
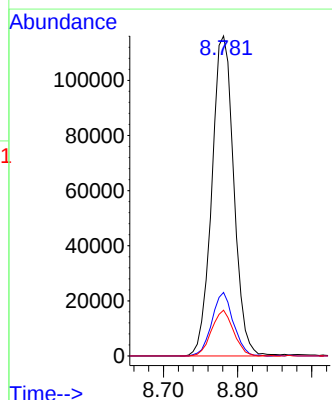
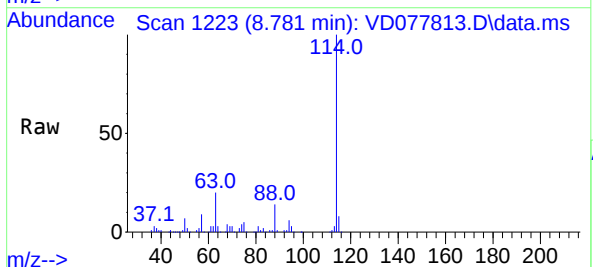
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

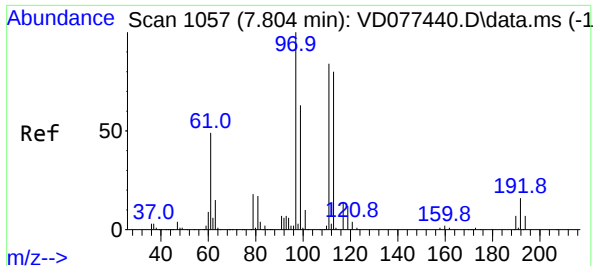
Tgt Ion: 65 Resp: 83848
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 114 Resp: 238942
Ion Ratio Lower Upper
114 100
63 19.8 0.0 33.4
88 14.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.113 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077813.D

Acq: 11 Dec 2023 16:07

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS01

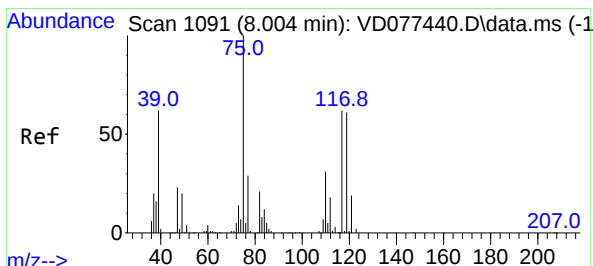
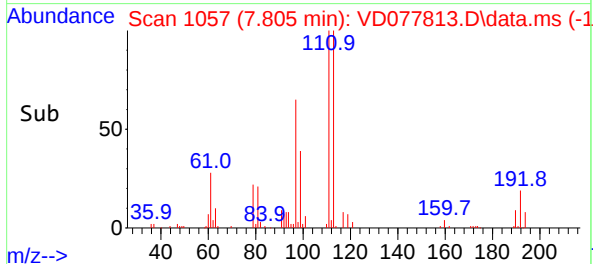
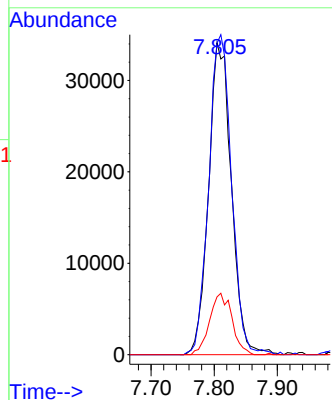
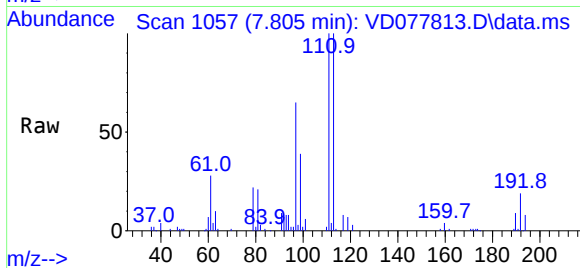
Tgt Ion:113 Resp: 85548

Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 19.3 16.8 25.2



#36

1,1-Dichloropropene

Concen: 20.722 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.012 min

Lab File: VD077813.D

Acq: 11 Dec 2023 16:07

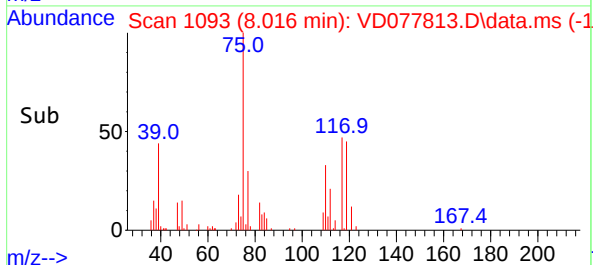
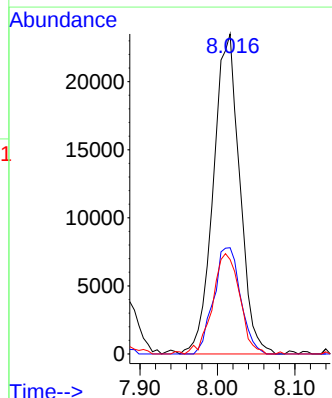
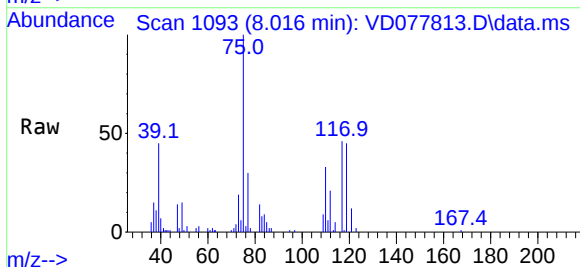
Tgt Ion: 75 Resp: 55476

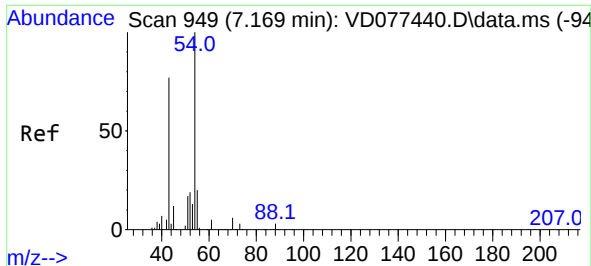
Ion Ratio Lower Upper

75 100

110 33.8 19.9 59.6

77 32.4 24.7 37.1

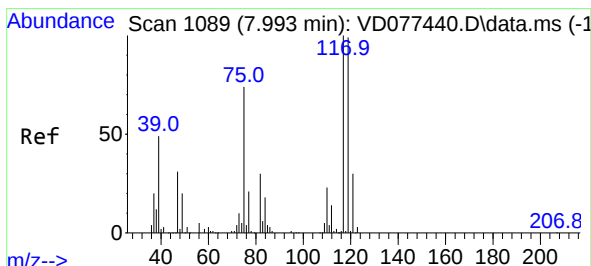
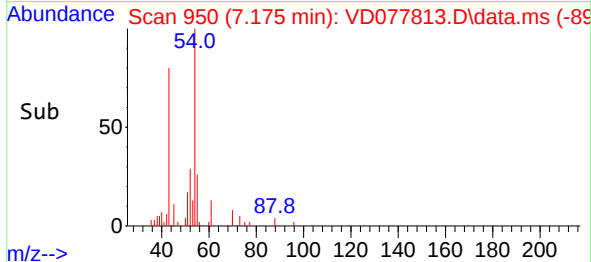
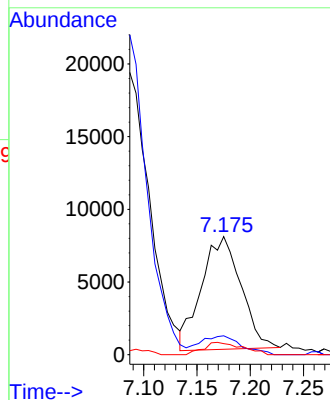
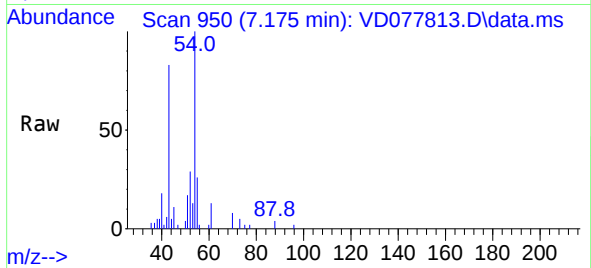




#37
Ethyl Acetate
Concen: 19.155 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

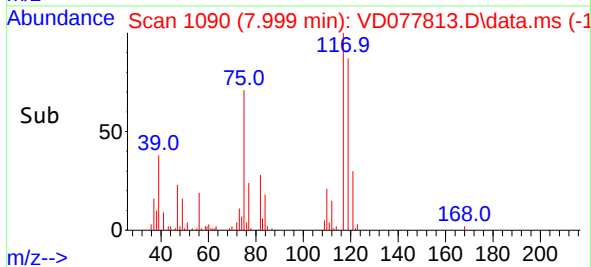
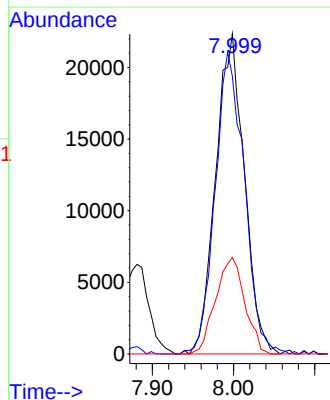
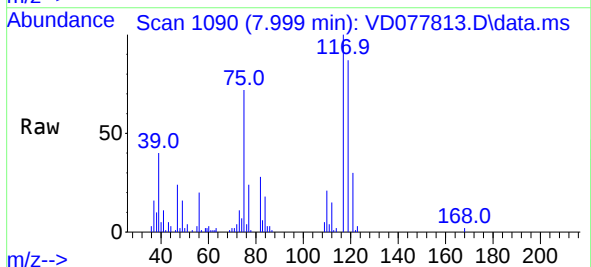
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

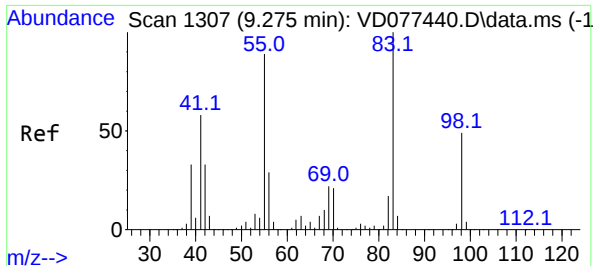
Tgt Ion: 43 Resp: 19996
Ion Ratio Lower Upper
43 100
61 17.5 14.9 22.3
70 10.7 10.0 15.0



#38
Carbon Tetrachloride
Concen: 20.590 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 117 Resp: 54953
Ion Ratio Lower Upper
117 100
119 86.8 78.0 117.0
121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 20.297 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD077813.D

Acq: 11 Dec 2023 16:07

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS01

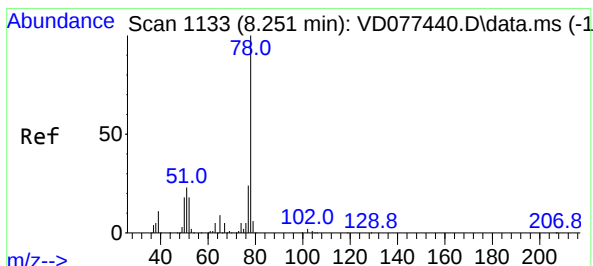
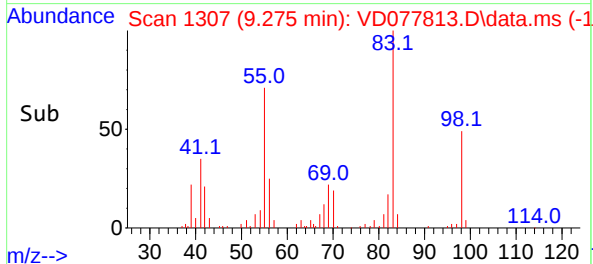
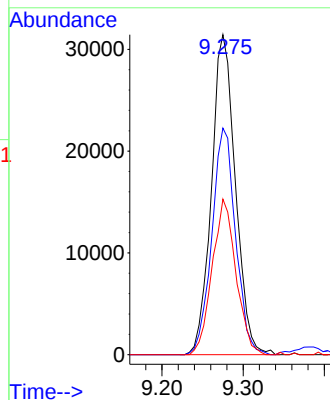
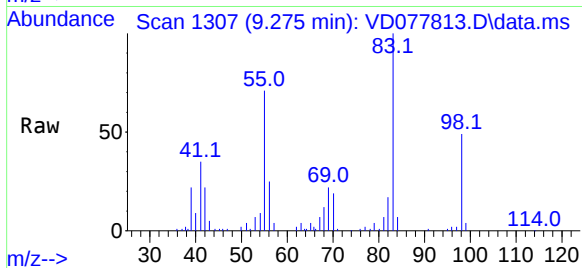
Tgt Ion: 83 Resp: 64417

Ion Ratio Lower Upper

83 100

55 70.8 49.4 74.0

98 48.6 38.4 57.6



#40

Benzene

Concen: 20.854 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD077813.D

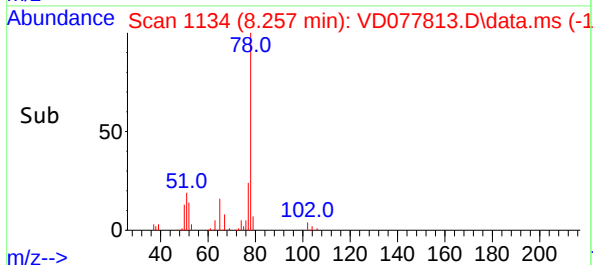
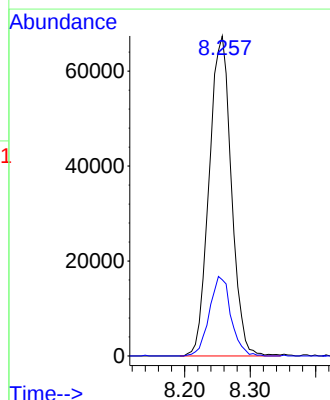
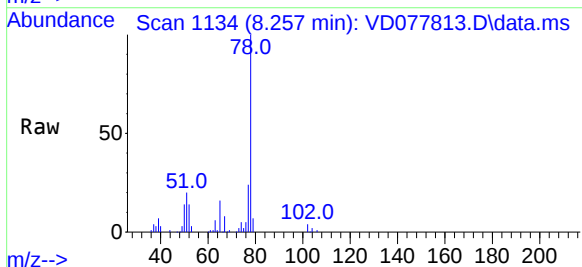
Acq: 11 Dec 2023 16:07

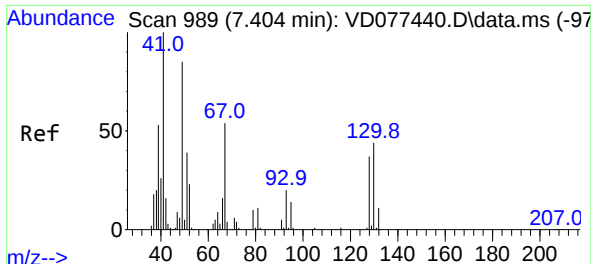
Tgt Ion: 78 Resp: 158456

Ion Ratio Lower Upper

78 100

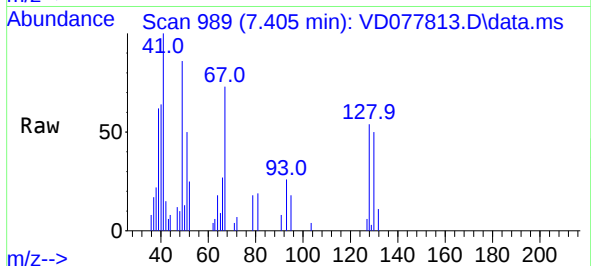
77 23.8 19.4 29.0





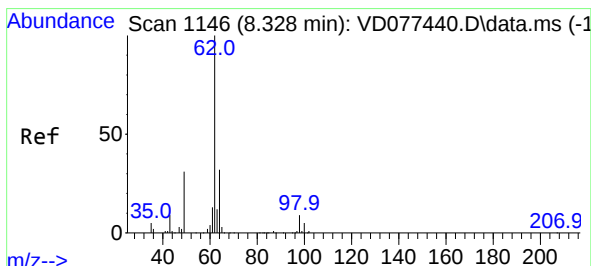
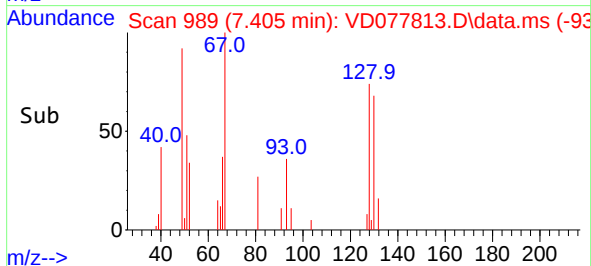
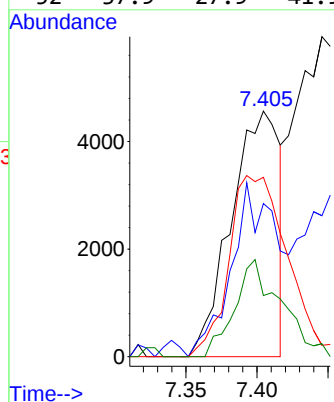
#41
Methacrylonitrile
Concen: 20.391 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01



Tgt Ion: 41 Resp: 10819

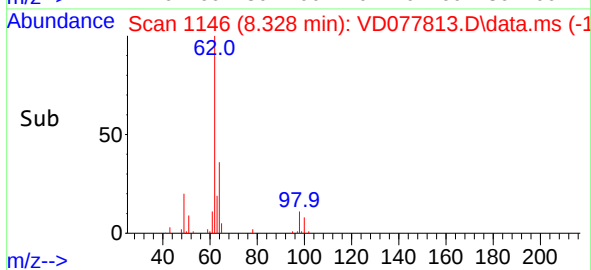
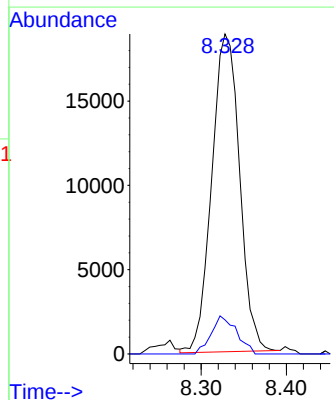
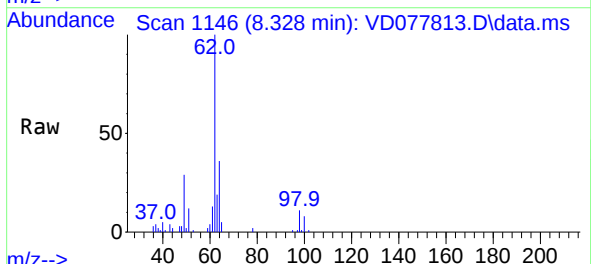
Ion	Ratio	Lower	Upper
41	100		
39	67.9	34.0	51.0#
67	89.2	77.0	115.4
52	37.9	27.9	41.9

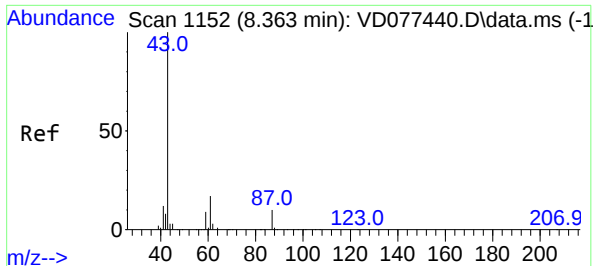


#42
1,2-Dichloroethane
Concen: 21.714 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 62 Resp: 42768

Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	25.4

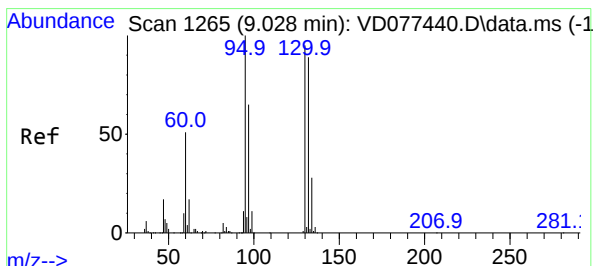
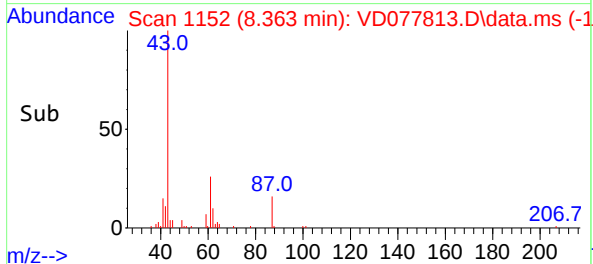
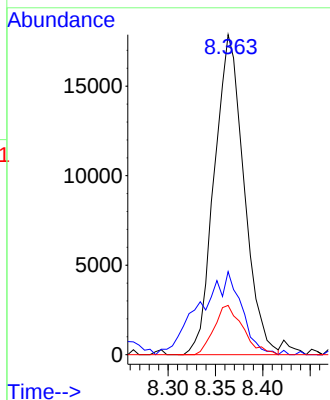
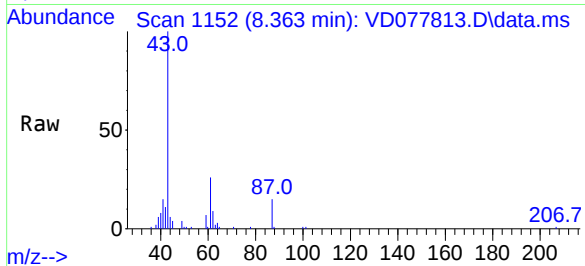




#43
Isopropyl Acetate
Concen: 20.987 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

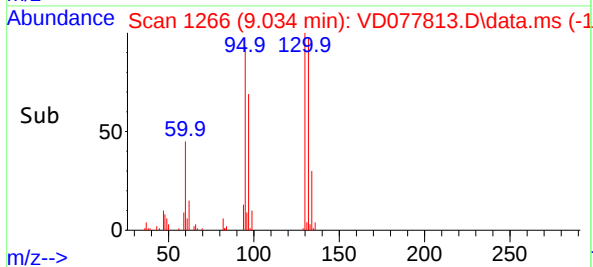
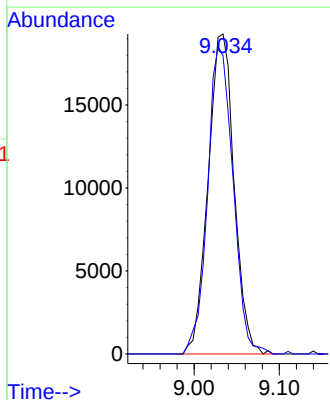
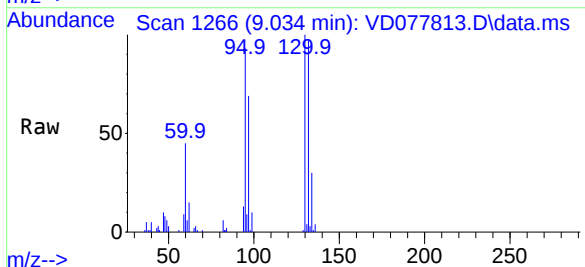
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

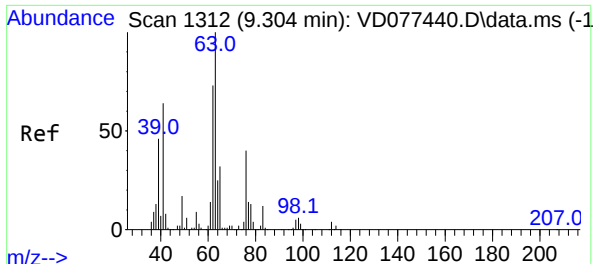
Tgt Ion: 43 Resp: 38945
Ion Ratio Lower Upper
43 100
61 36.8 31.4 47.0
87 15.0 14.9 22.3



#44
Trichloroethene
Concen: 20.650 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion:130 Resp: 40890
Ion Ratio Lower Upper
130 100
95 93.3 0.0 179.2

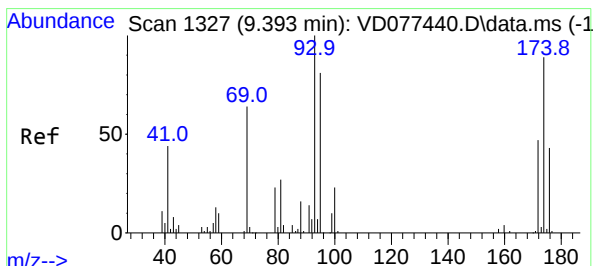
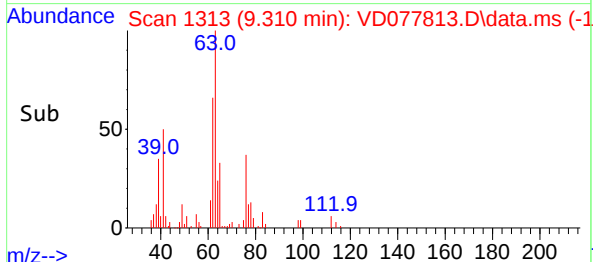
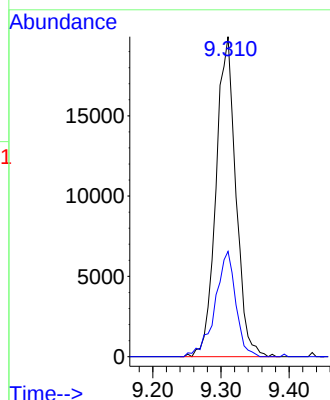
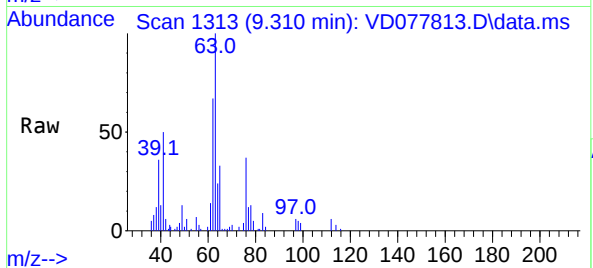




#45
1,2-Dichloropropane
Concen: 21.906 ug/l
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

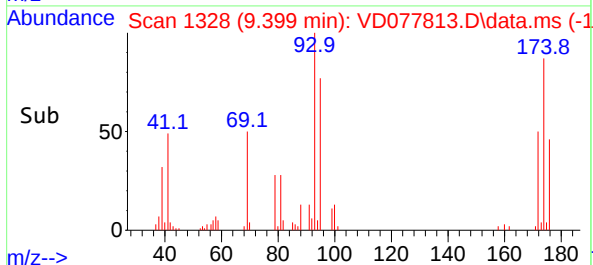
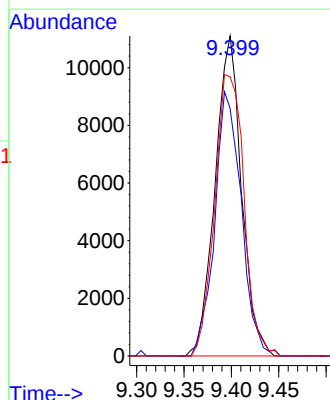
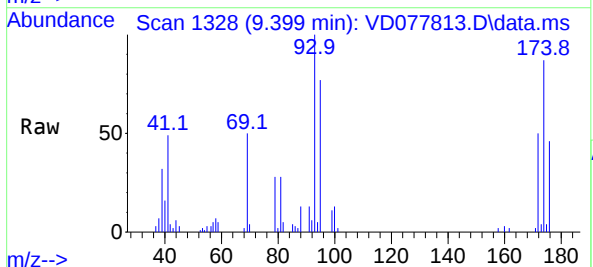
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

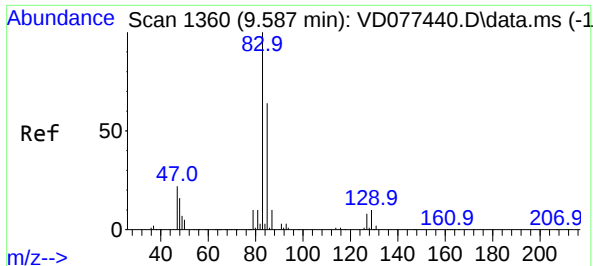
Tgt Ion: 63 Resp: 40463
Ion Ratio Lower Upper
63 100
65 32.9 24.5 36.7



#46
Dibromomethane
Concen: 22.062 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 93 Resp: 21562
Ion Ratio Lower Upper
93 100
95 83.2 67.7 101.5
174 96.9 85.4 128.2

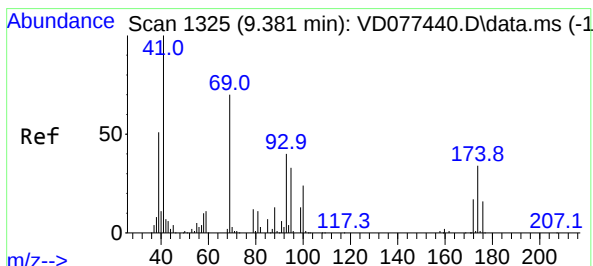
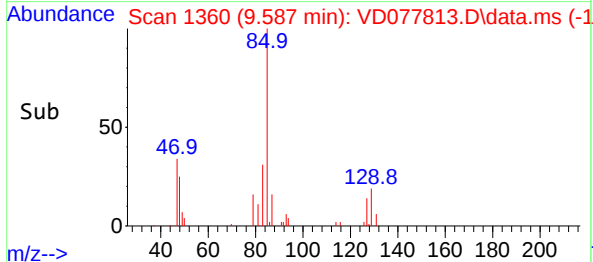
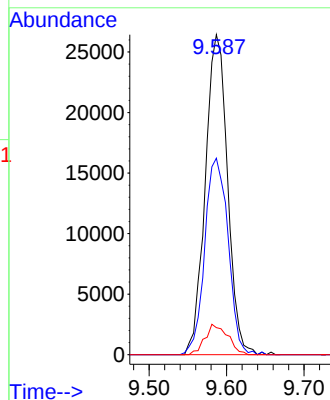
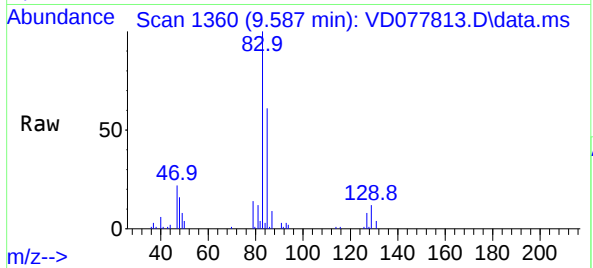




#47
Bromodichloromethane
Concen: 21.305 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

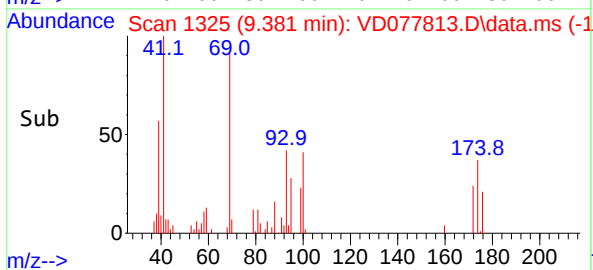
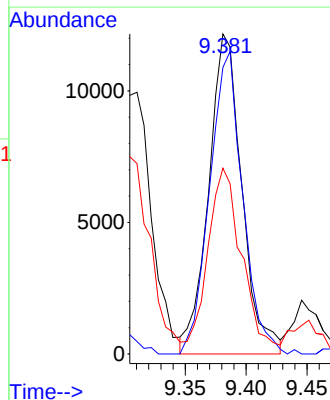
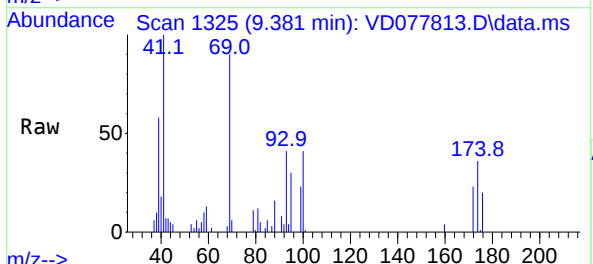
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

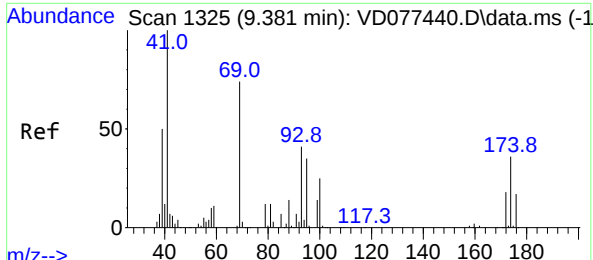
Tgt Ion: 83 Resp: 52779
Ion Ratio Lower Upper
83 100
85 61.4 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 21.871 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 41 Resp: 23071
Ion Ratio Lower Upper
41 100
69 94.0 102.2 153.2#
39 60.1 41.4 62.2

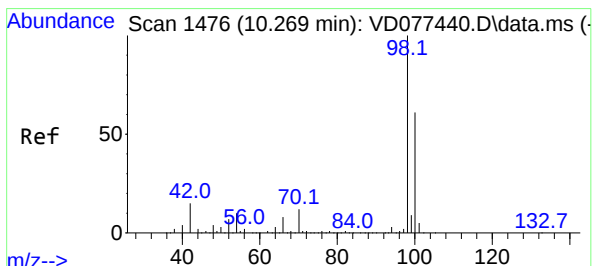
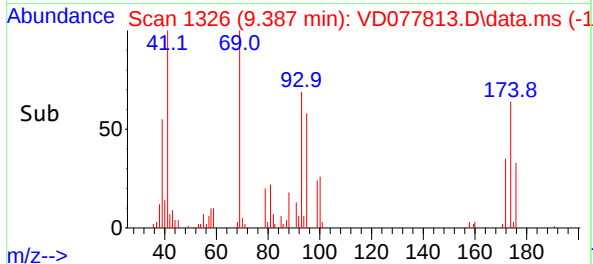
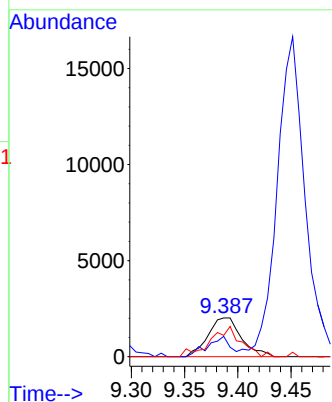
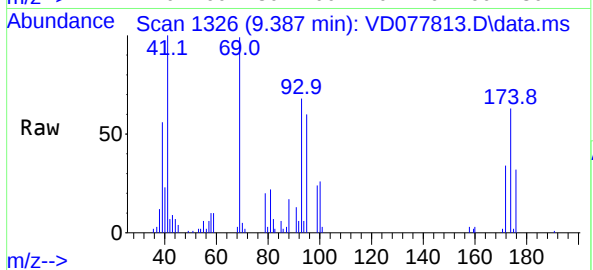




#49
1,4-Dioxane
Concen: 455.856 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

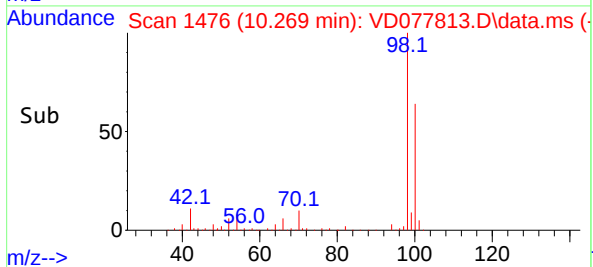
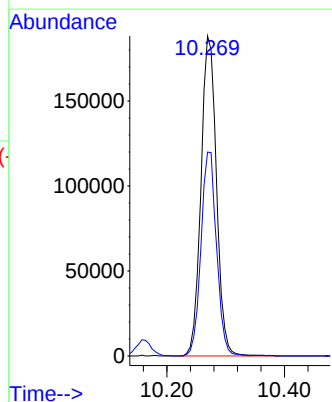
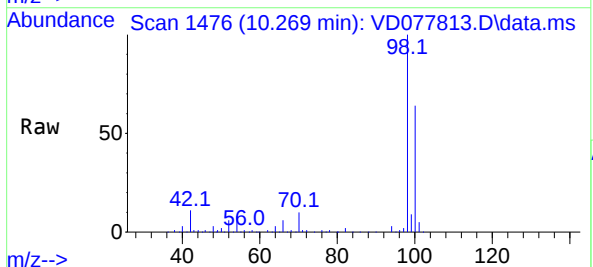
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

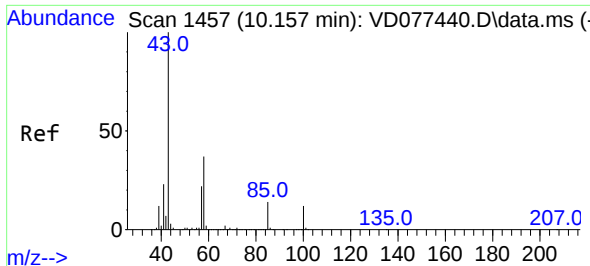
Tgt Ion: 88 Resp: 4424
Ion Ratio Lower Upper
88 100
43 34.7 19.0 28.6#
58 71.1 43.5 65.3#



#50
Toluene-d8
Concen: 51.352 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 98 Resp: 344232
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5

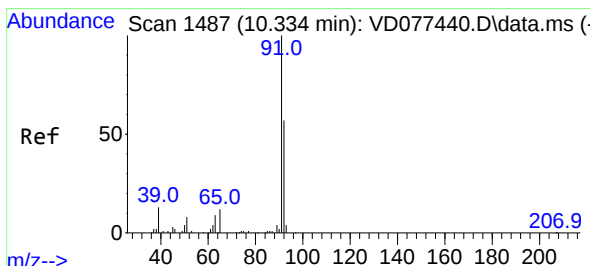
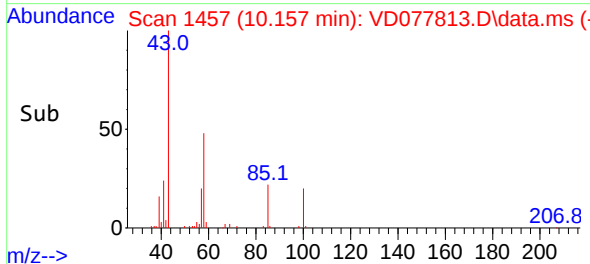
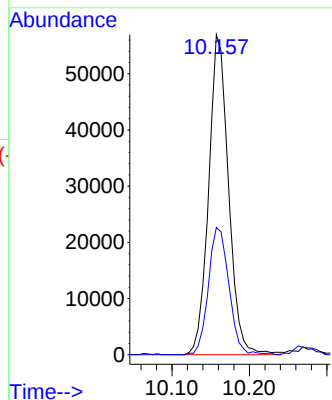
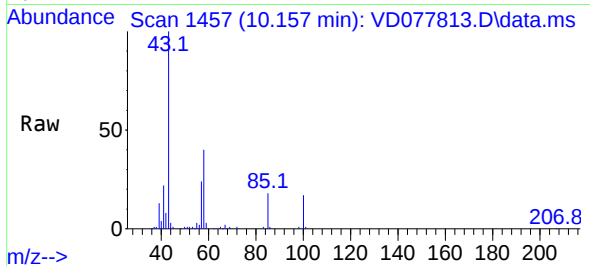




#51
4-Methyl-2-Pentanone
Concen: 107.238 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

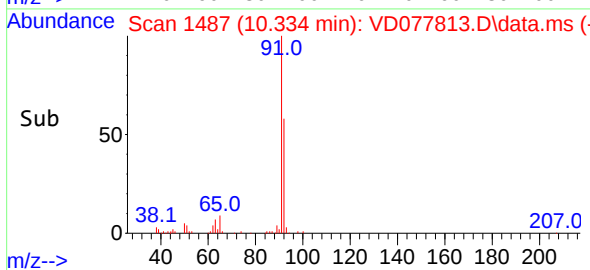
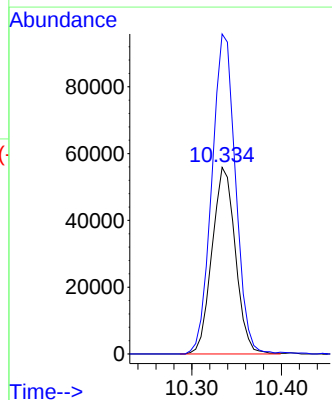
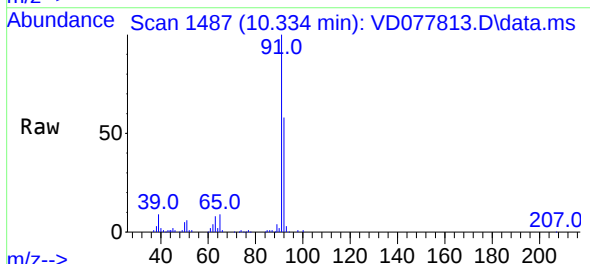
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

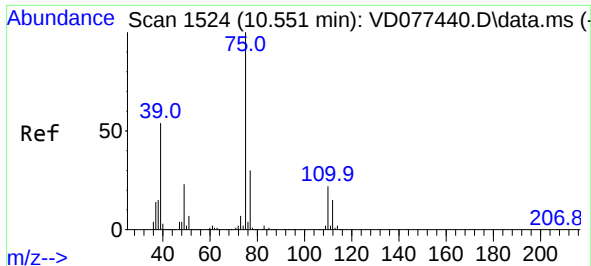
Tgt Ion: 43 Resp: 101560
Ion Ratio Lower Upper
43 100
58 41.1 38.9 58.3



#52
Toluene
Concen: 21.455 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 92 Resp: 101127
Ion Ratio Lower Upper
92 100
91 174.3 143.0 214.4

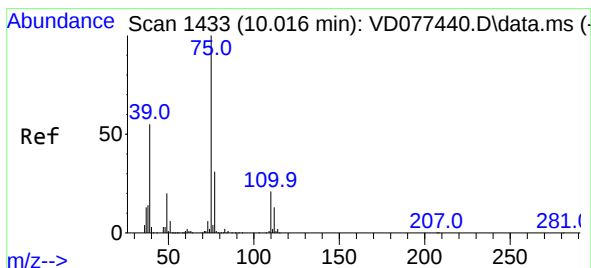
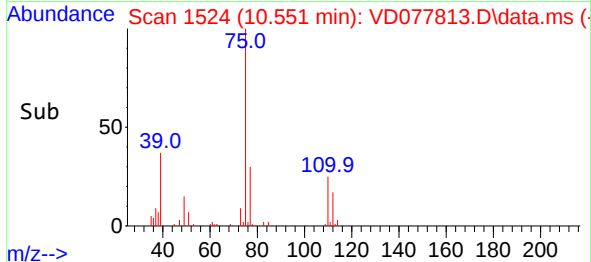
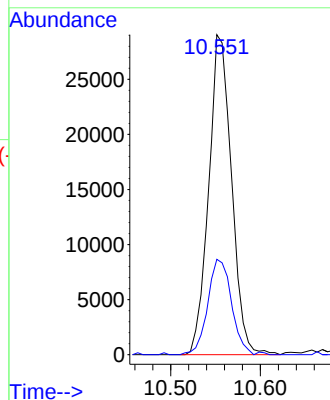
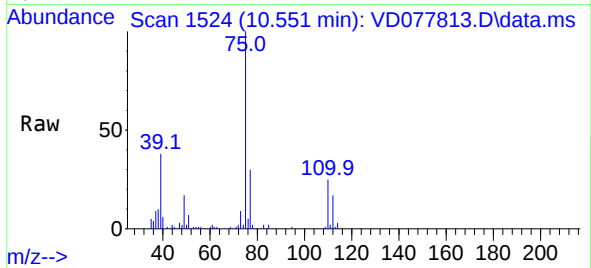




#53
t-1,3-Dichloropropene
Concen: 21.602 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

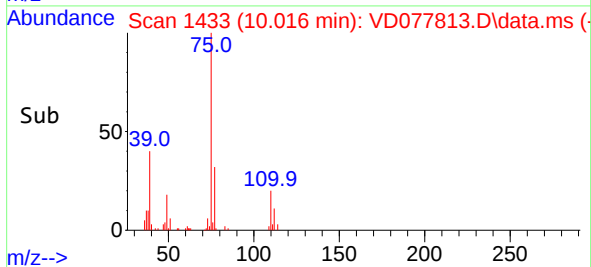
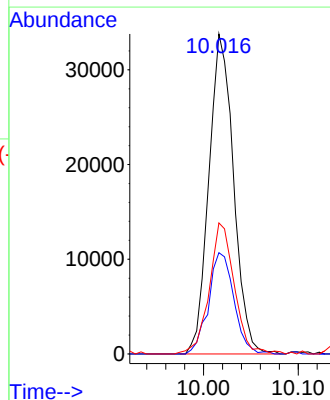
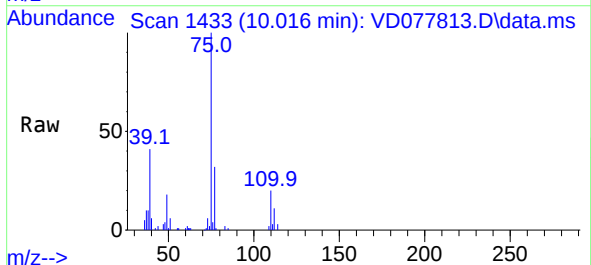
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

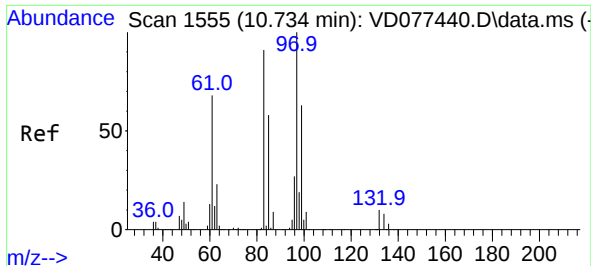
Tgt Ion: 75 Resp: 51389
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 21.282 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

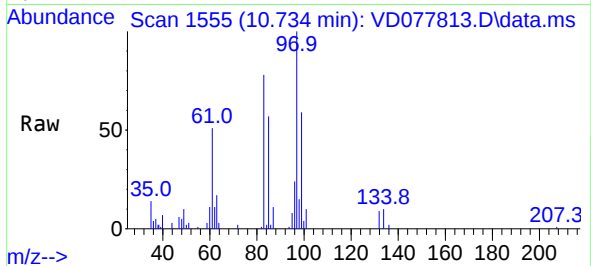
Tgt Ion: 75 Resp: 61210
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3
39 40.4 22.1 33.1#



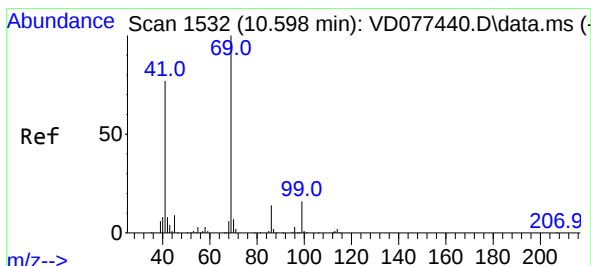
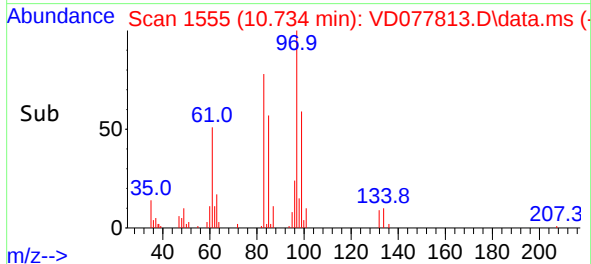
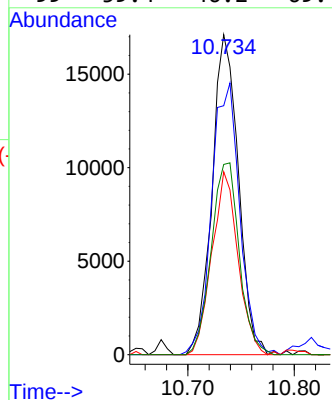


#55
1,1,2-Trichloroethane
Concen: 21.933 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

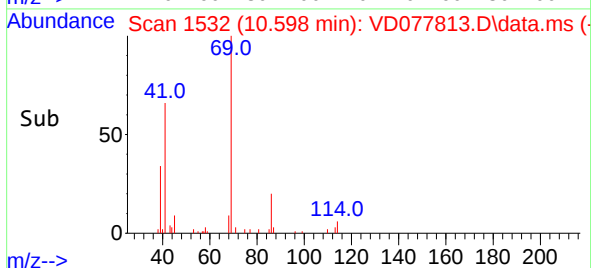
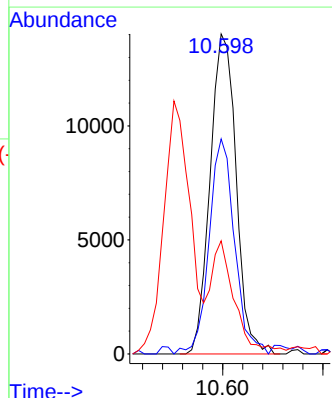
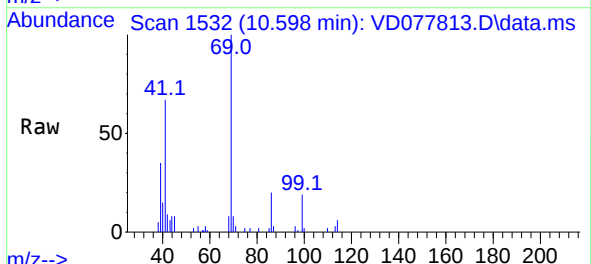


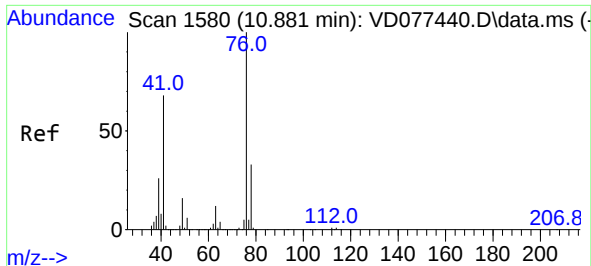
Tgt Ion:	97	Resp:	29321
Ion	Ratio	Lower	Upper
97	100		
83	77.8	65.8	98.6
85	57.2	45.7	68.5
99	59.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 21.443 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion:	69	Resp:	25270
Ion	Ratio	Lower	Upper
69	100		
41	65.8	39.1	58.7#
39	32.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 21.640 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077813.D

Acq: 11 Dec 2023 16:07

Instrument :

MSVOA_D

ClientSampleId :

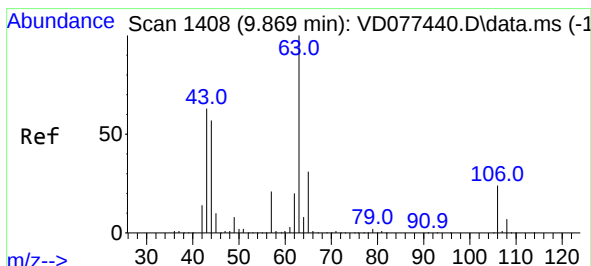
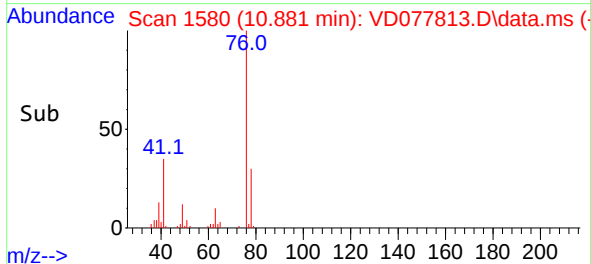
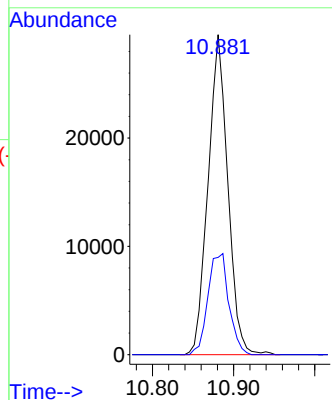
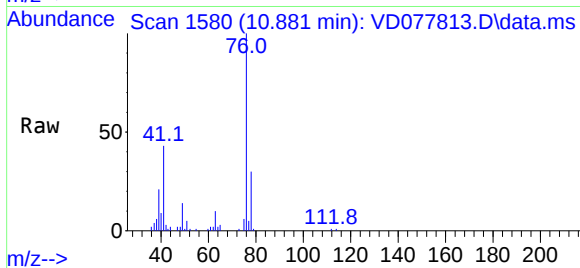
VD1212SBS01

Tgt Ion: 76 Resp: 49866

Ion Ratio Lower Upper

76 100

78 33.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 105.261 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077813.D

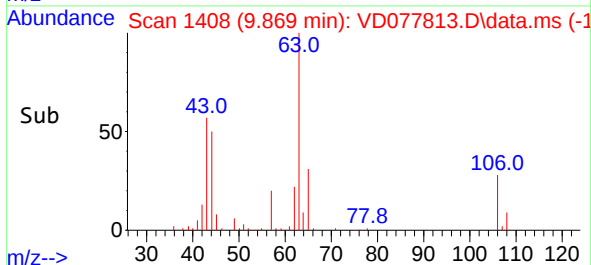
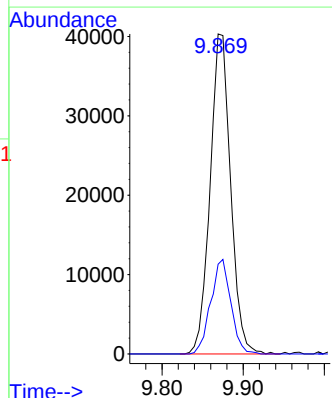
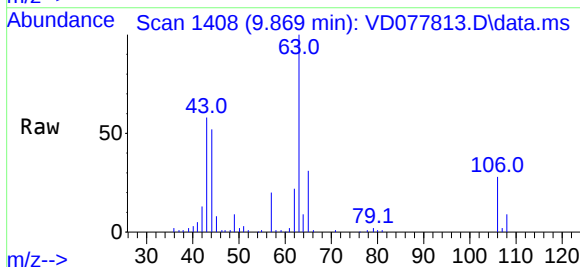
Acq: 11 Dec 2023 16:07

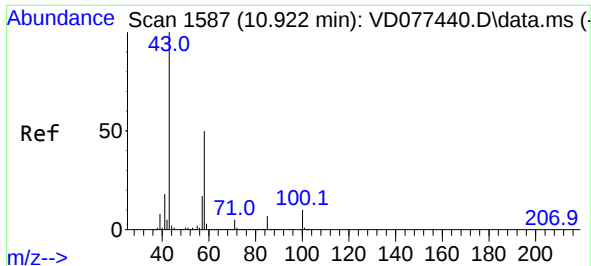
Tgt Ion: 63 Resp: 70742

Ion Ratio Lower Upper

63 100

106 29.0 25.3 37.9

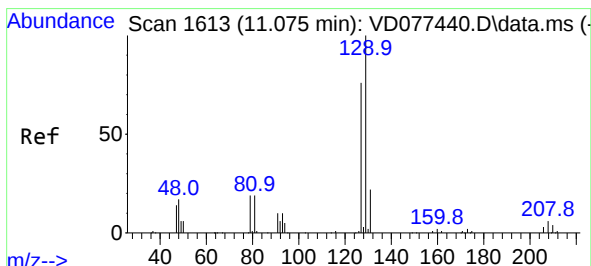
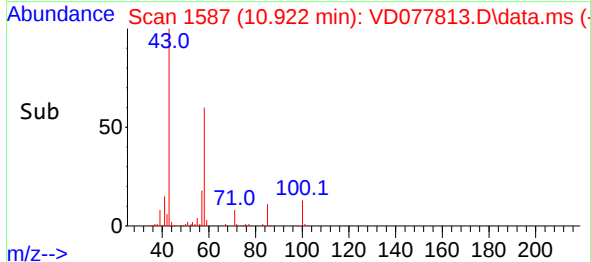
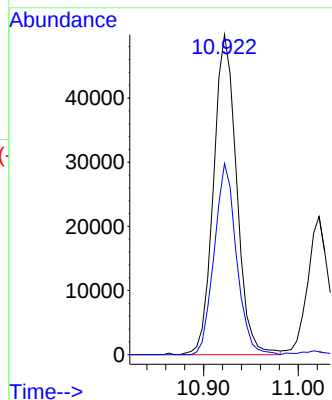
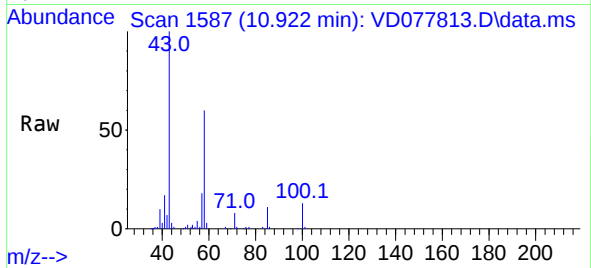




#59
2-Hexanone
Concen: 107.568 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

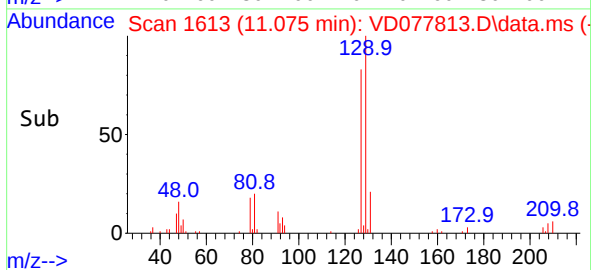
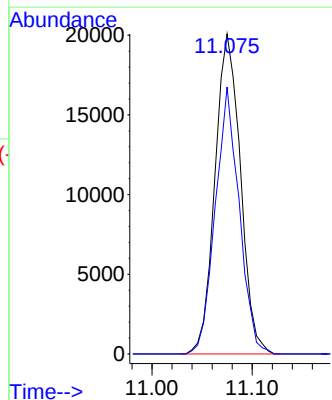
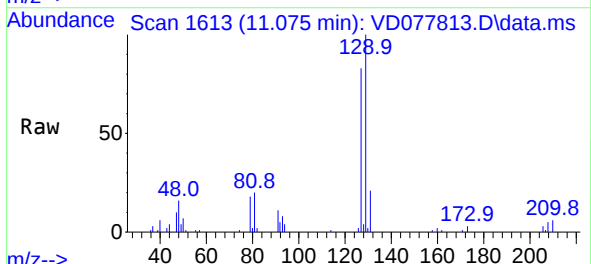
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

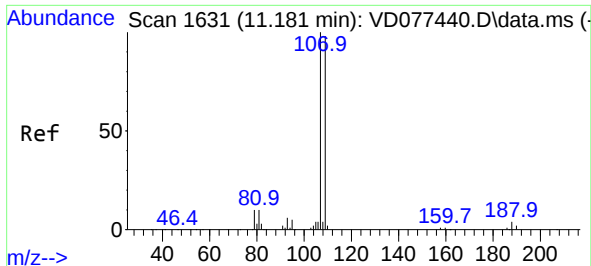
Tgt Ion: 43 Resp: 84518
Ion Ratio Lower Upper
43 100
58 57.4 34.1 102.2



#60
Dibromochloromethane
Concen: 22.014 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion:129 Resp: 35433
Ion Ratio Lower Upper
129 100
127 78.2 37.1 111.5

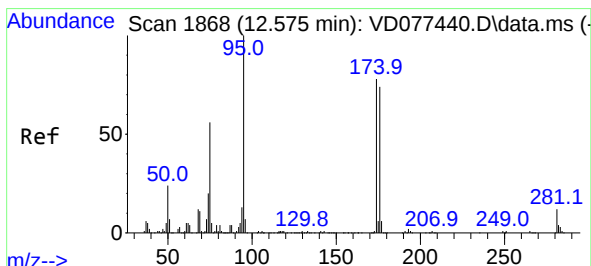
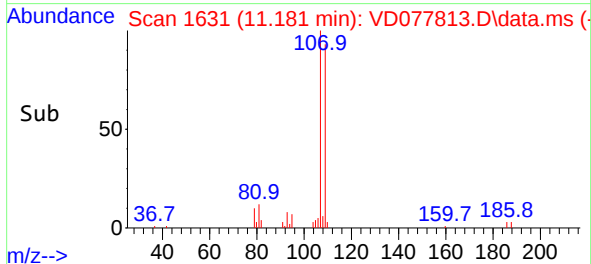
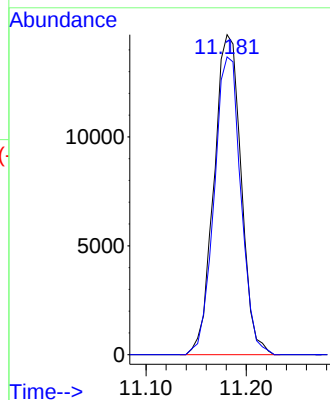
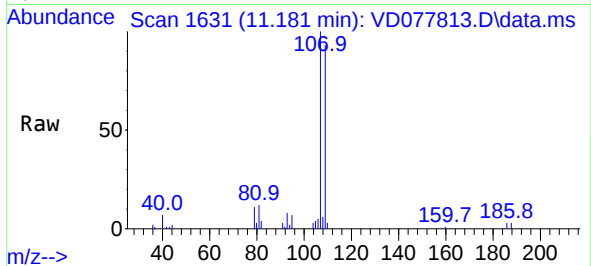




#61
1,2-Dibromoethane
Concen: 21.948 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

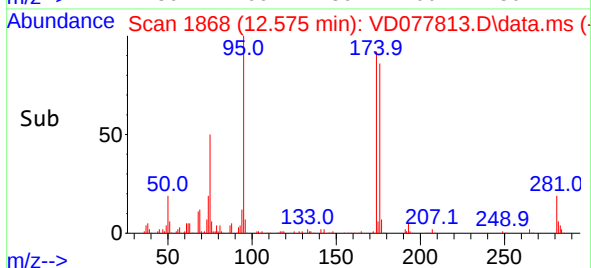
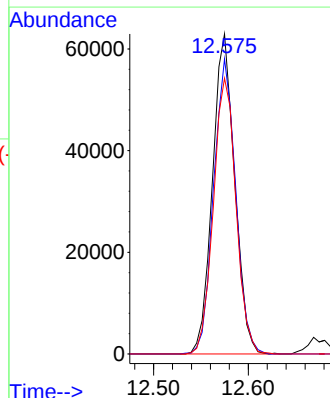
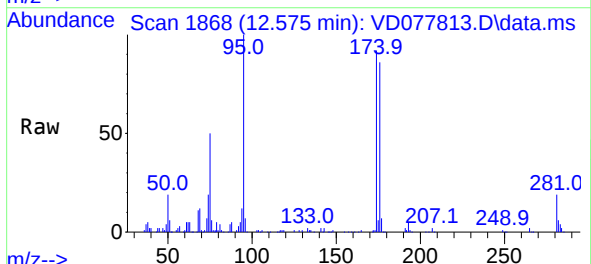
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

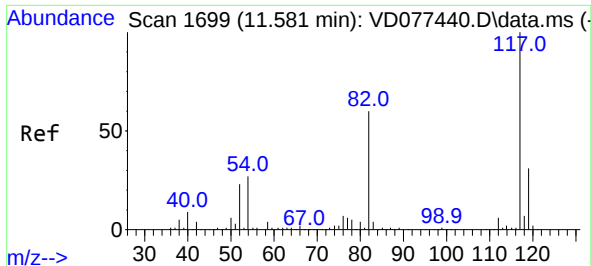
Tgt Ion:107 Resp: 27620
Ion Ratio Lower Upper
107 100
109 91.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.086 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 95 Resp: 102384
Ion Ratio Lower Upper
95 100
174 91.7 0.0 201.8
176 87.8 0.0 191.8

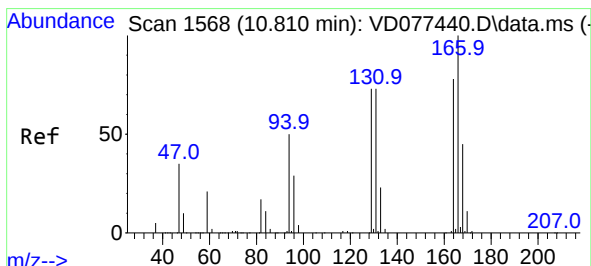
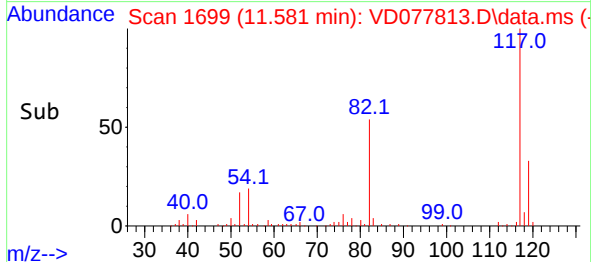
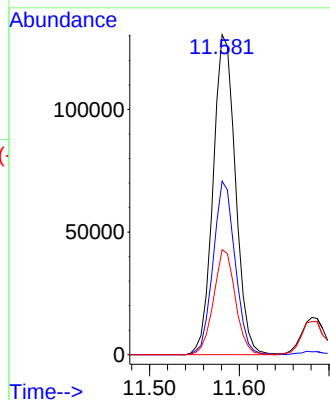
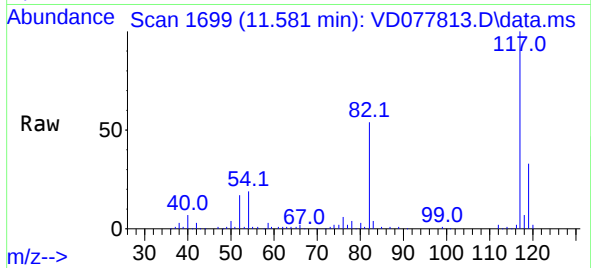




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

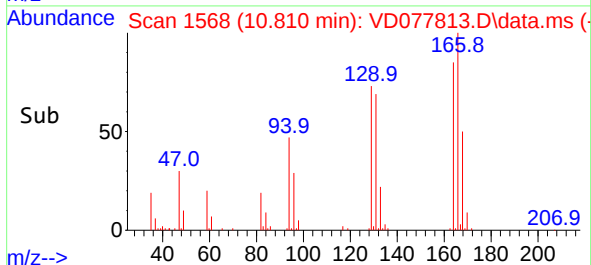
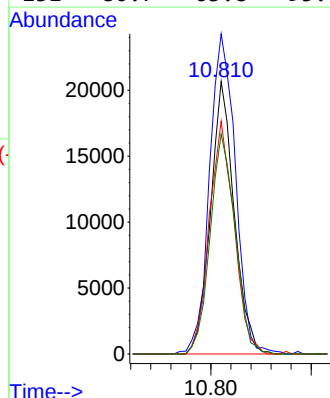
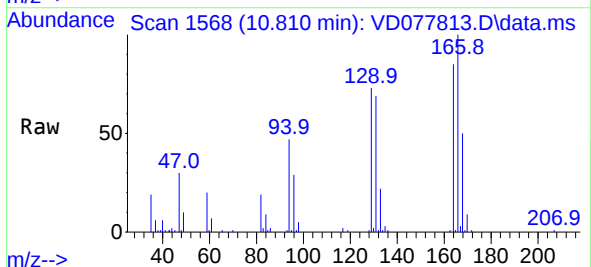
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

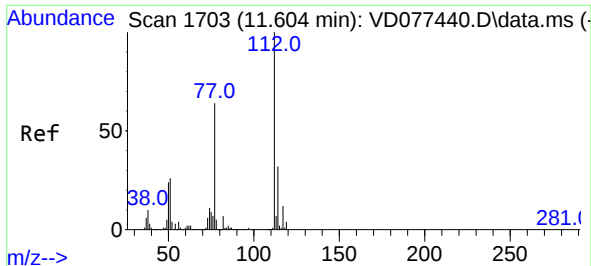
Tgt Ion:117 Resp: 225376
Ion Ratio Lower Upper
117 100
82 54.2 38.3 57.5
119 32.8 25.0 37.4



#64
Tetrachloroethene
Concen: 20.455 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion:164 Resp: 33884
Ion Ratio Lower Upper
164 100
166 116.7 99.2 148.8
129 85.4 68.4 102.6
131 80.7 63.8 95.8

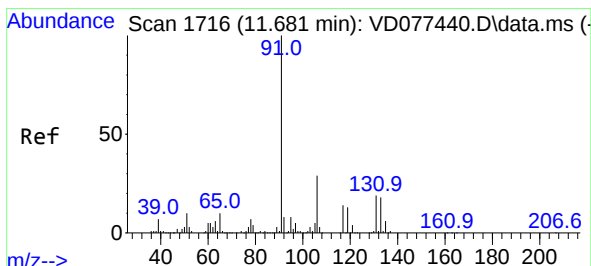
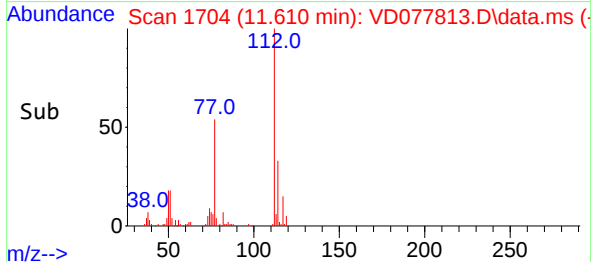
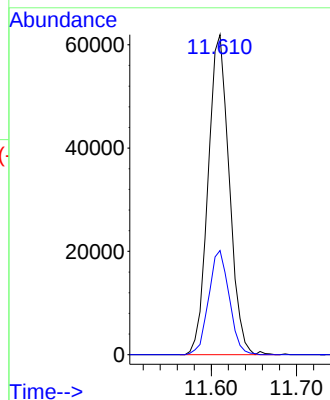
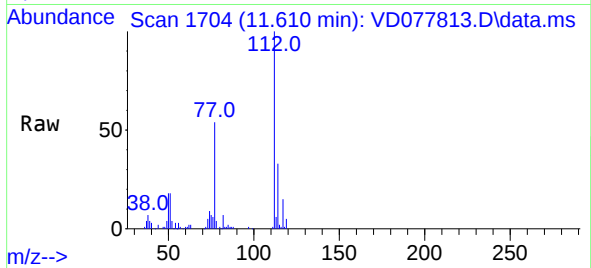




#65
Chlorobenzene
Concen: 18.934 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

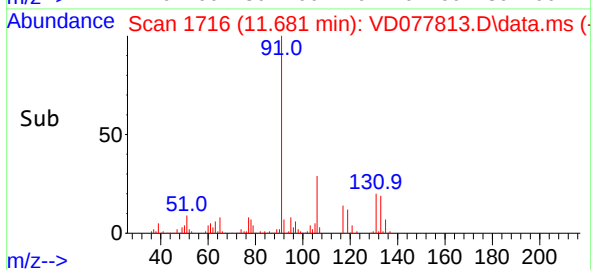
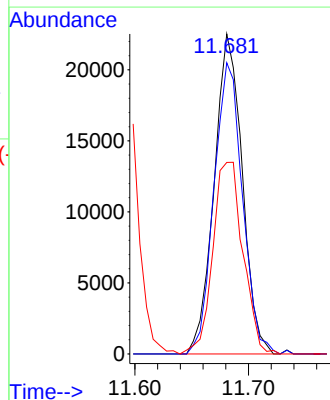
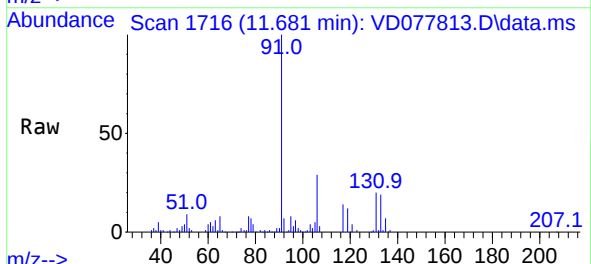
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

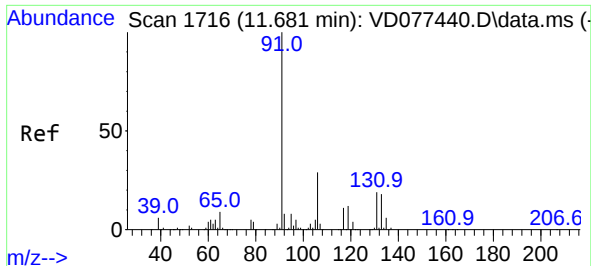
Tgt Ion:112 Resp: 106726
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.624 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion:131 Resp: 38653
Ion Ratio Lower Upper
131 100
133 92.7 48.5 145.5
119 64.3 35.6 106.9





#67

Ethyl Benzene

Concen: 19.935 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077813.D

Acq: 11 Dec 2023 16:07

Instrument :

MSVOA_D

ClientSampleId :

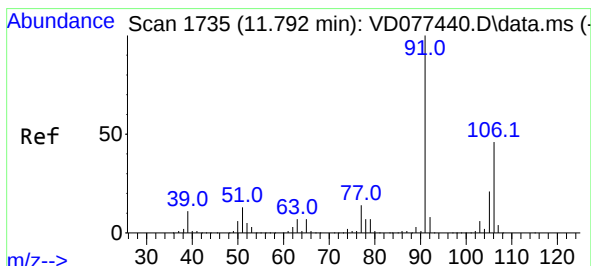
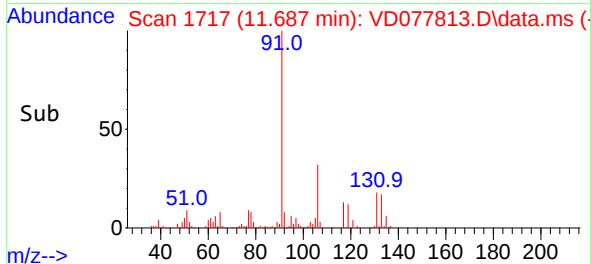
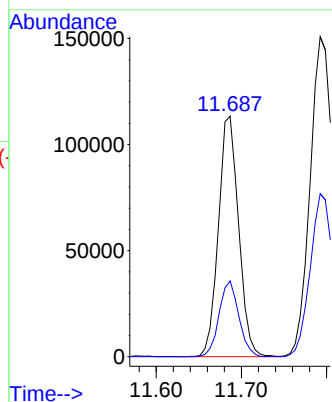
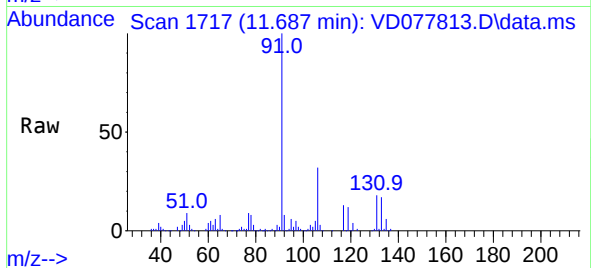
VD1212SBS01

Tgt Ion: 91 Resp: 187054

Ion Ratio Lower Upper

91 100

106 31.6 26.5 39.7



#68

m/p-Xylenes

Concen: 40.315 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077813.D

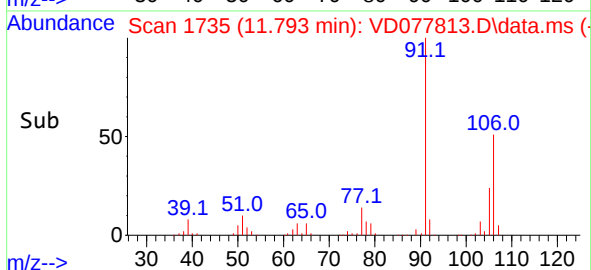
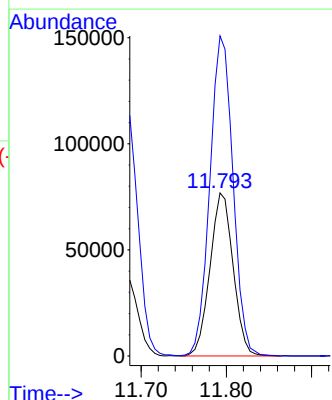
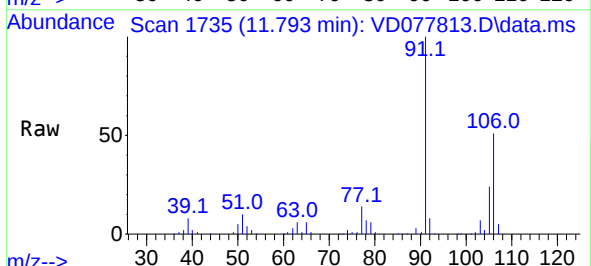
Acq: 11 Dec 2023 16:07

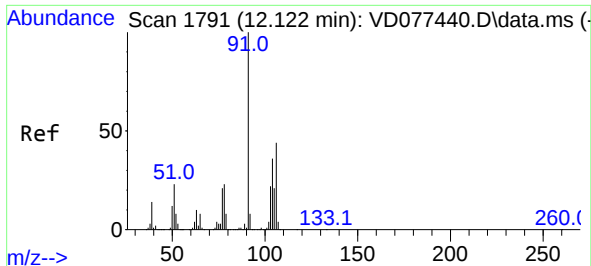
Tgt Ion:106 Resp: 144693

Ion Ratio Lower Upper

106 100

91 196.5 147.0 220.6

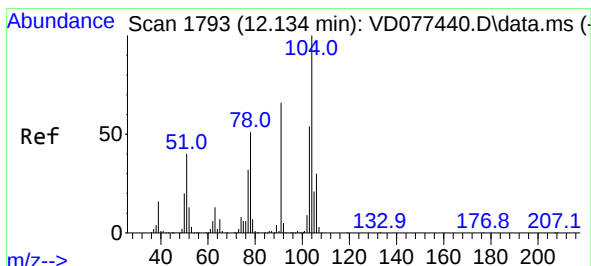
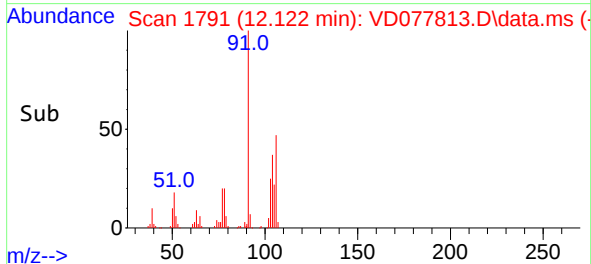
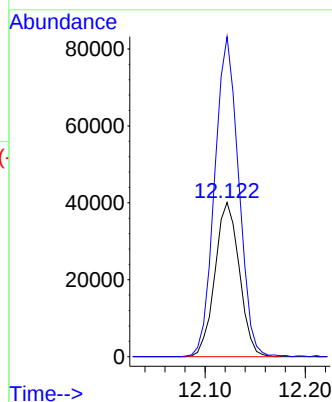
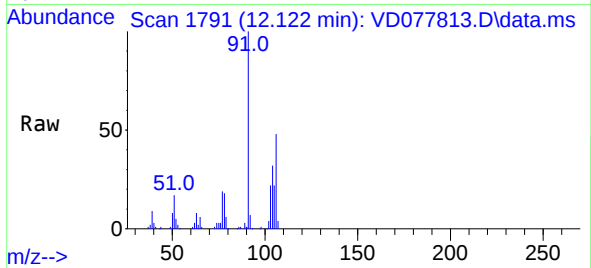




#69
o-Xylene
Concen: 20.409 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

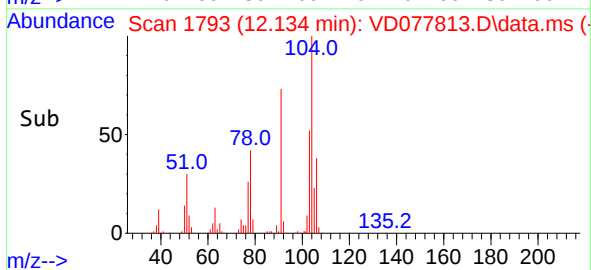
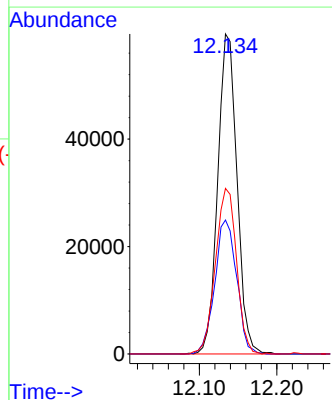
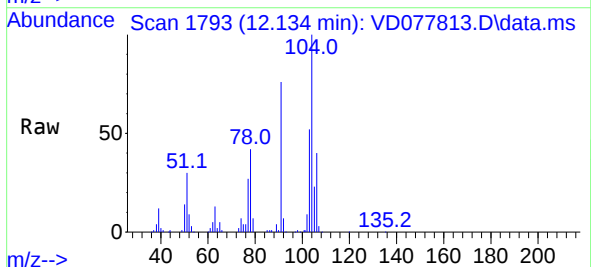
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

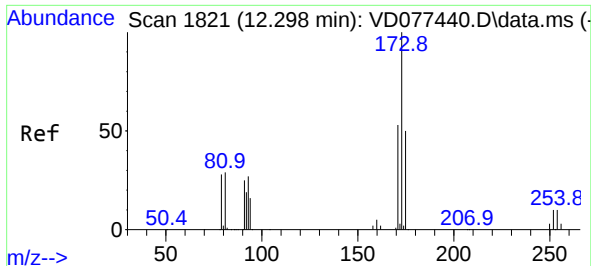
Tgt Ion:106 Resp: 67509
Ion Ratio Lower Upper
106 100
91 204.8 97.9 293.6



#70
Styrene
Concen: 20.931 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion:104 Resp: 102950
Ion Ratio Lower Upper
104 100
78 47.4 33.2 49.8
103 56.7 43.6 65.4

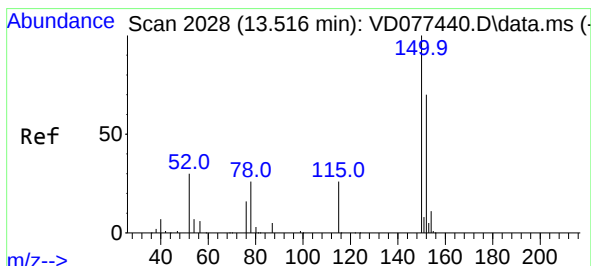
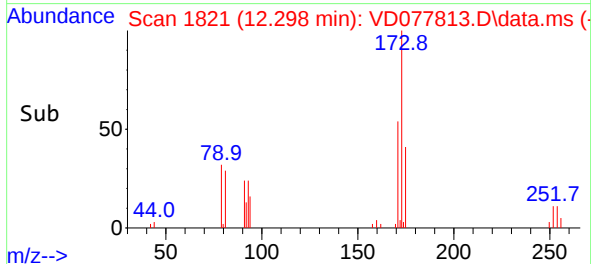
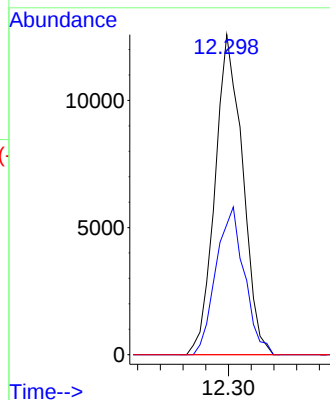
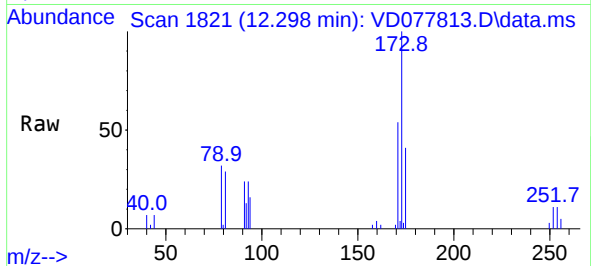




#71
Bromoform
Concen: 21.729 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

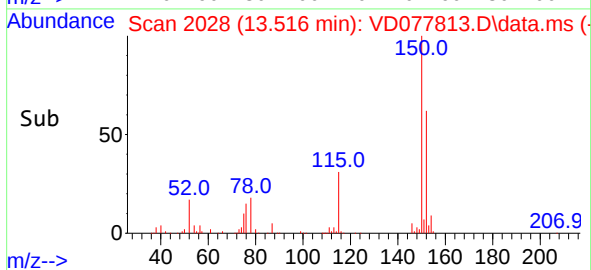
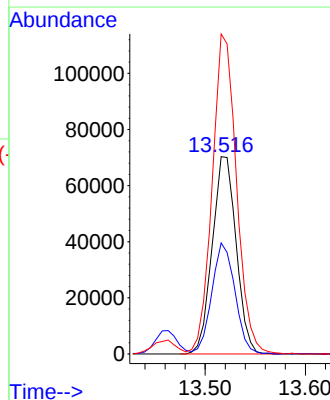
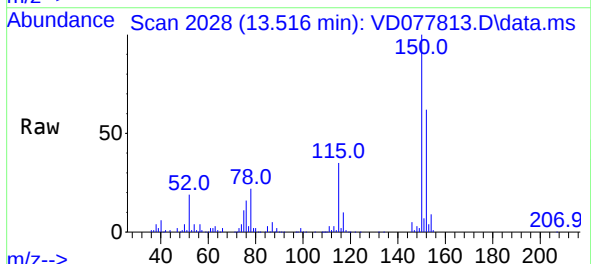
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

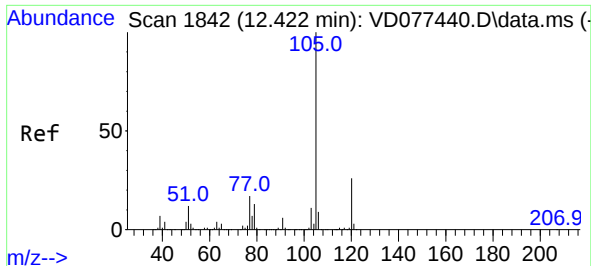
Tgt Ion:173 Resp: 21278
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion:152 Resp: 116734
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.3
150 164.6 0.0 353.6

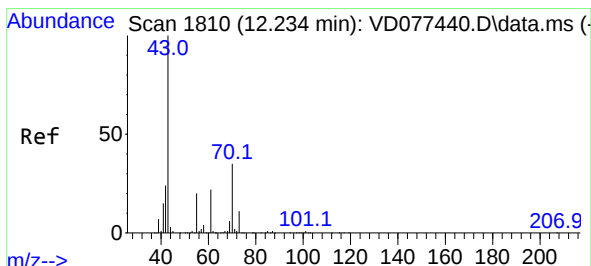
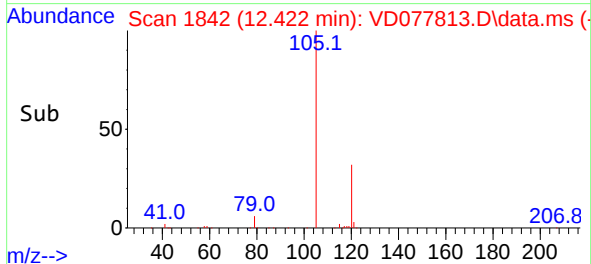
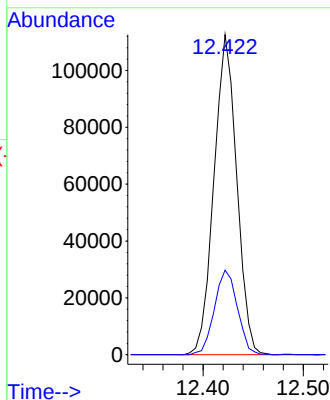
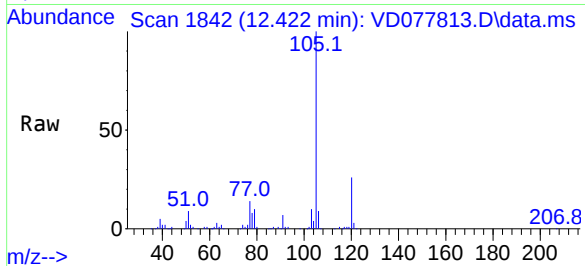




#73
Isopropylbenzene
Concen: 20.000 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

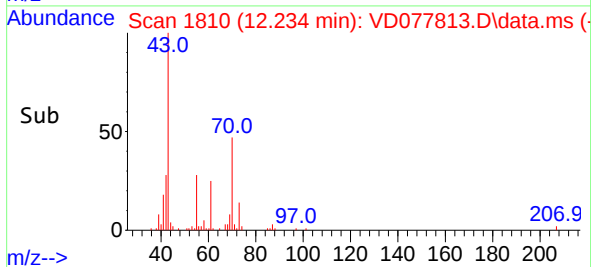
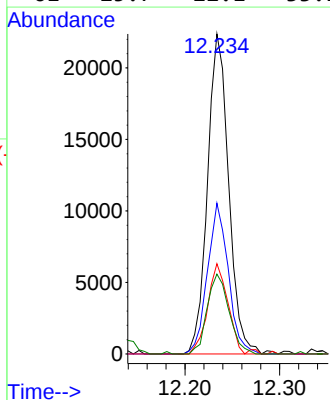
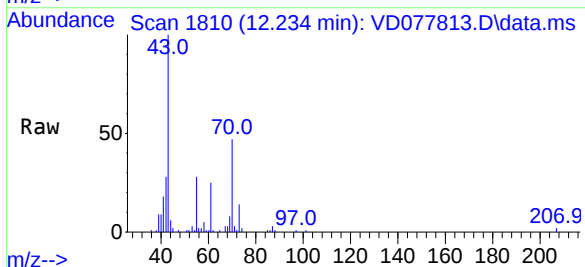
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

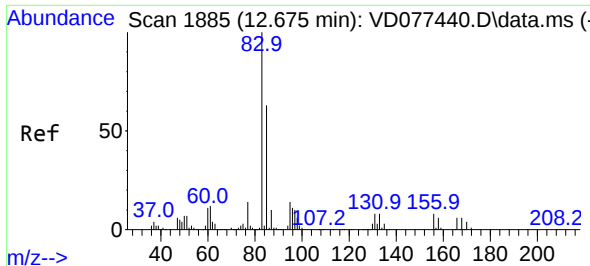
Tgt Ion:105 Resp: 176944
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9



#74
N-ethyl acetate
Concen: 20.038 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 43 Resp: 34849
Ion Ratio Lower Upper
43 100
70 46.4 45.0 67.4
55 26.8 23.8 35.6
61 25.7 22.1 33.1

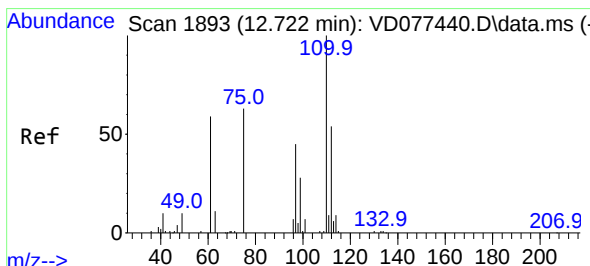
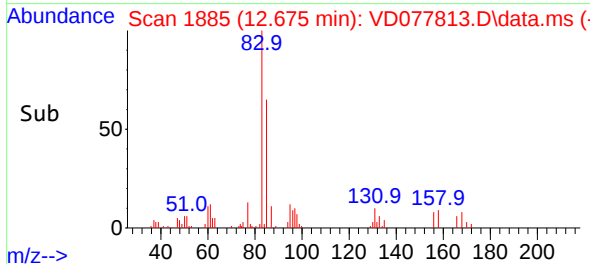
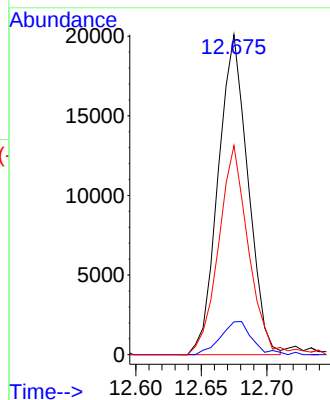
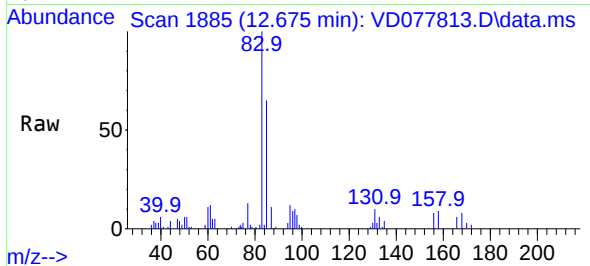




#75
1,1,2,2-Tetrachloroethane
Concen: 20.585 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

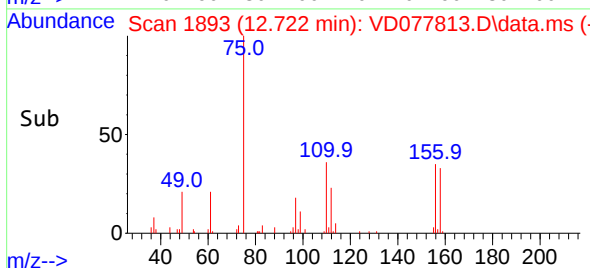
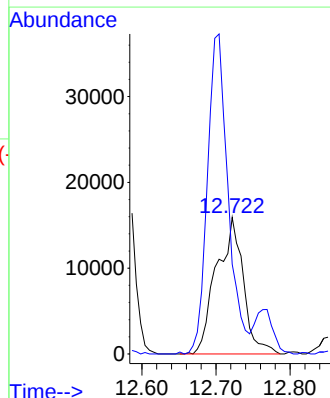
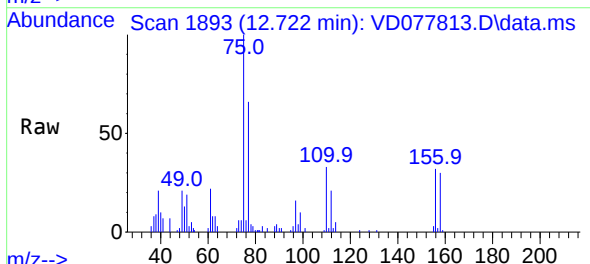
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

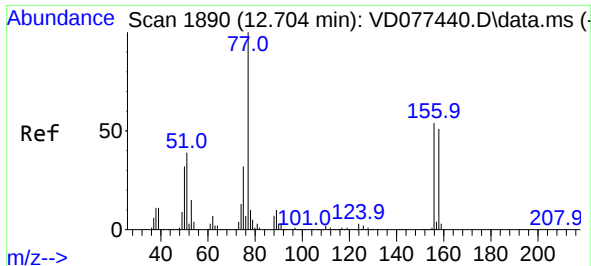
Tgt Ion: 83 Resp: 31756
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 66.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 39.527 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 75 Resp: 40074
Ion Ratio Lower Upper
75 100
77 181.4 0.0 0.0#

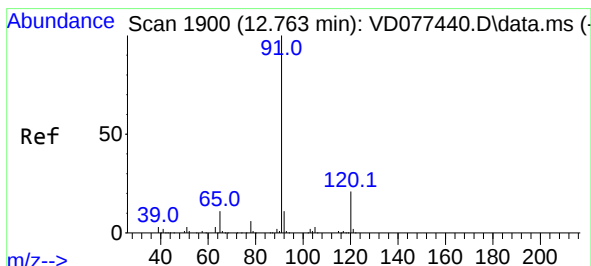
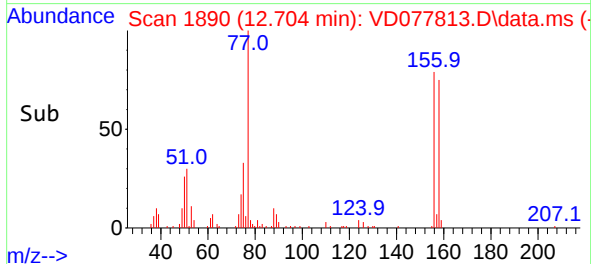
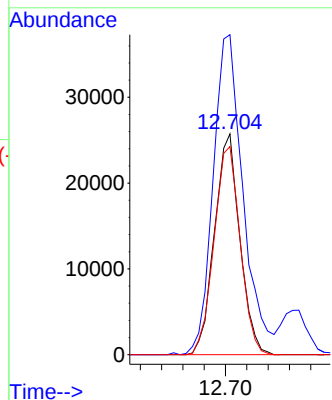
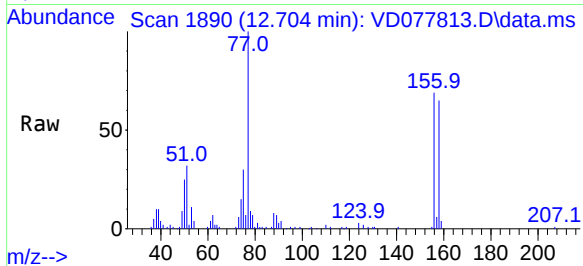




#77
Bromobenzene
Concen: 20.424 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

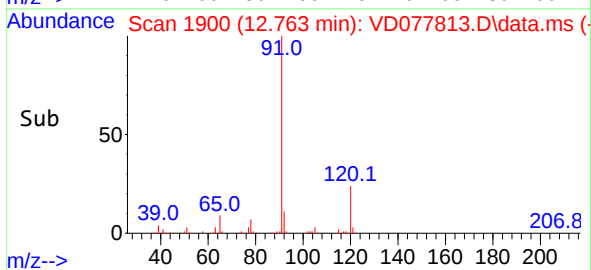
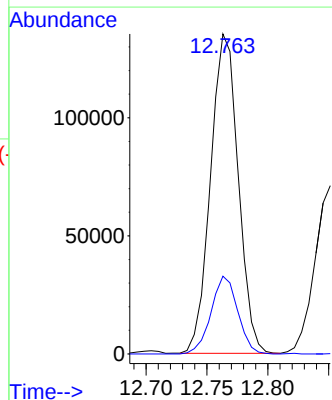
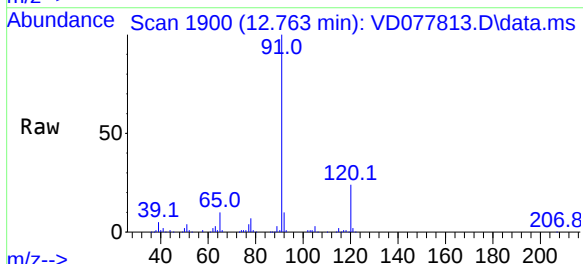
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

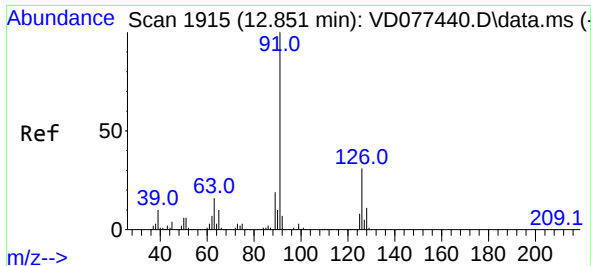
Tgt Ion:156 Resp: 42502
Ion Ratio Lower Upper
156 100
77 171.0 76.8 230.4
158 97.1 48.6 145.9



#78
n-propylbenzene
Concen: 19.883 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 91 Resp: 214353
Ion Ratio Lower Upper
91 100
120 23.4 12.4 37.2

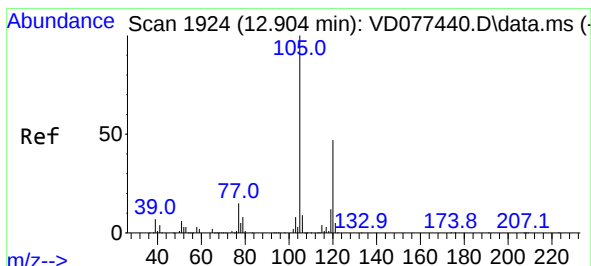
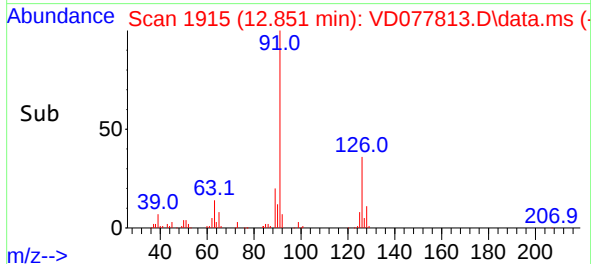
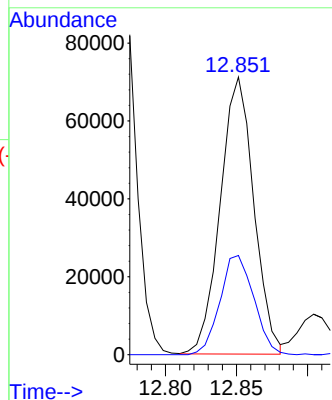
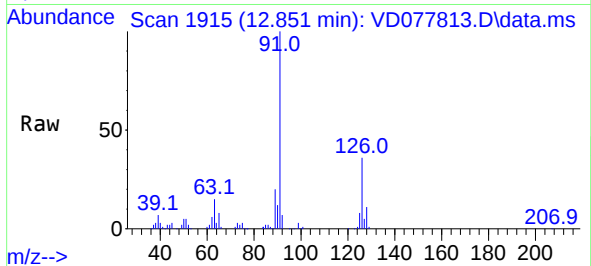




#79
2-Chlorotoluene
Concen: 20.236 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

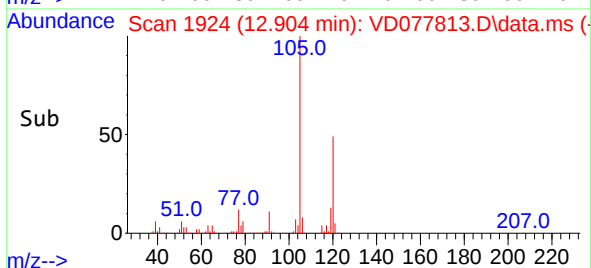
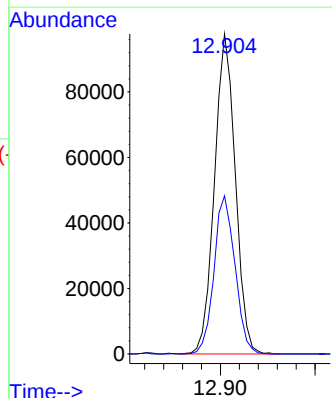
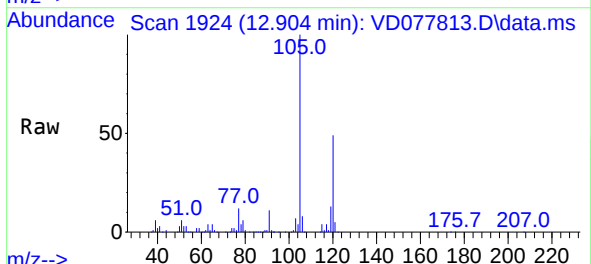
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

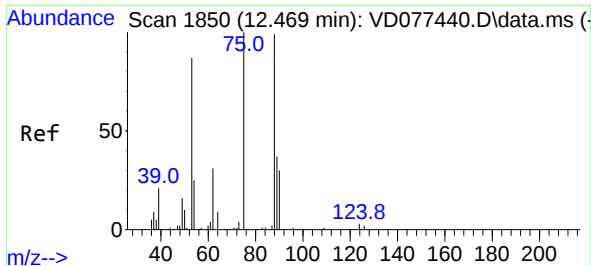
Tgt Ion: 91 Resp: 116917
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.256 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 105 Resp: 149472
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2

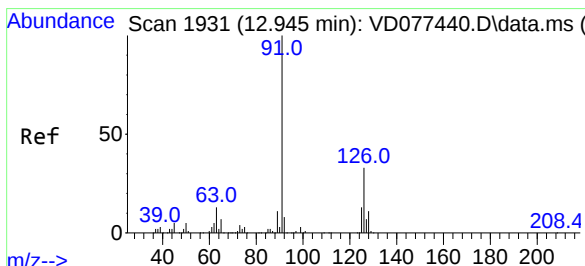
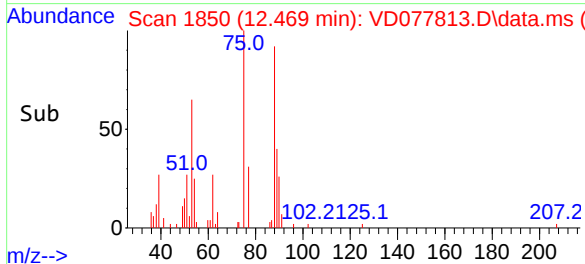
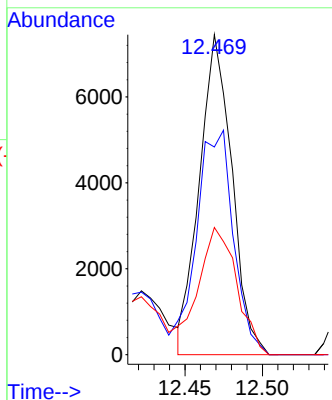
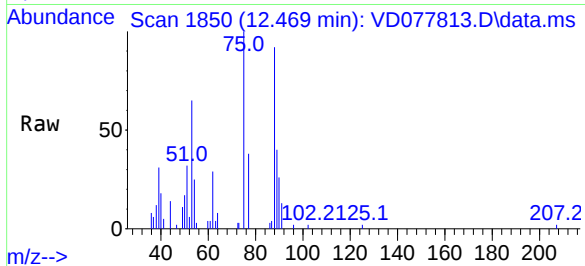




#81
trans-1,4-Dichloro-2-butene
Concen: 21.659 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

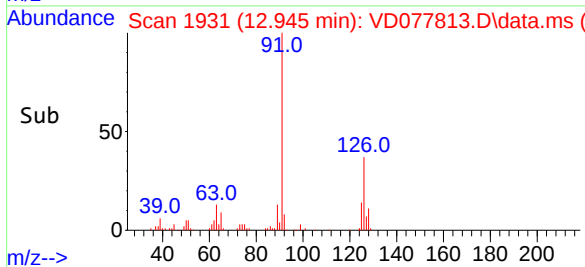
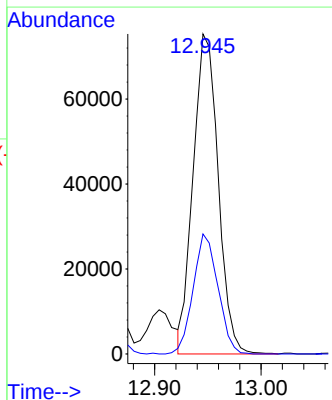
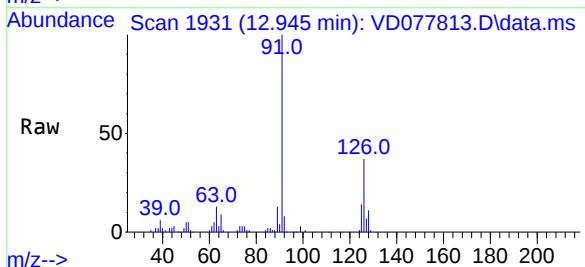
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

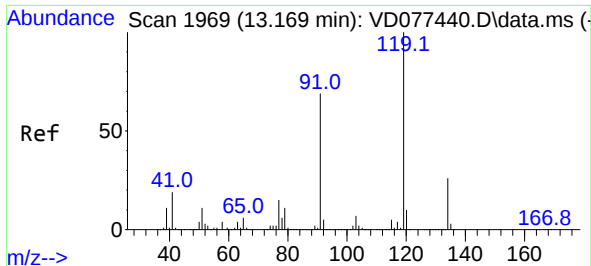
Tgt Ion: 75 Resp: 10838
Ion Ratio Lower Upper
75 100
53 80.1 63.0 94.4
89 48.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.387 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 91 Resp: 123140
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.4

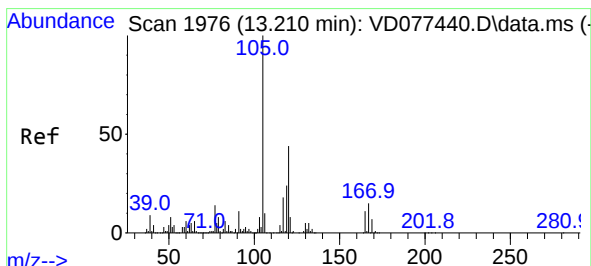
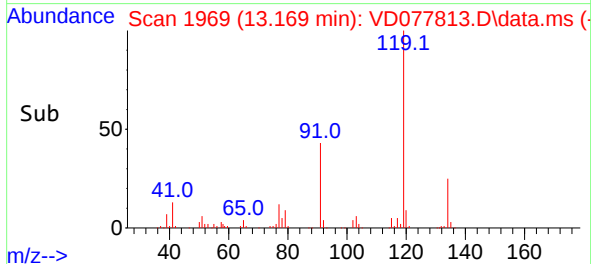
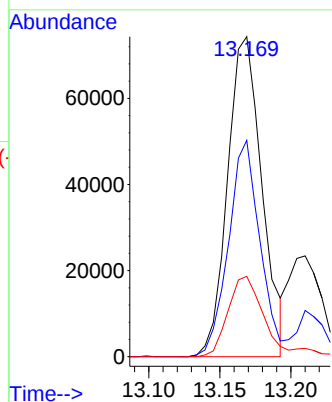
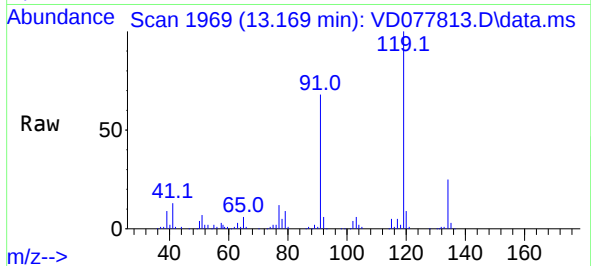




#83
tert-Butylbenzene
Concen: 20.089 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

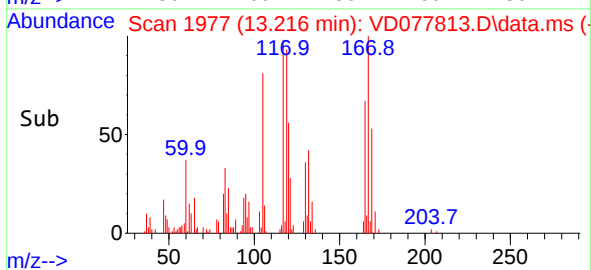
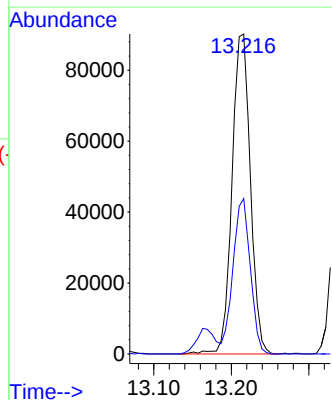
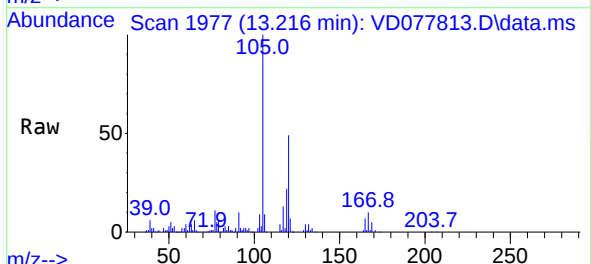
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

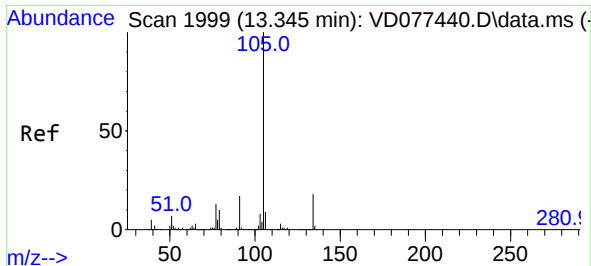
Tgt Ion:119 Resp: 125146
Ion Ratio Lower Upper
119 100
91 62.8 29.3 87.8
134 27.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.116 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion:105 Resp: 148468
Ion Ratio Lower Upper
105 100
120 45.9 24.3 72.9

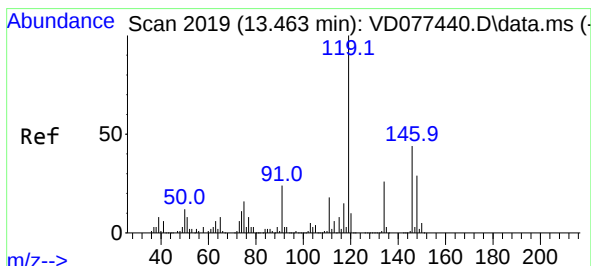
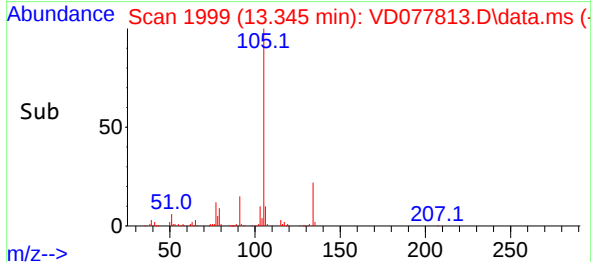
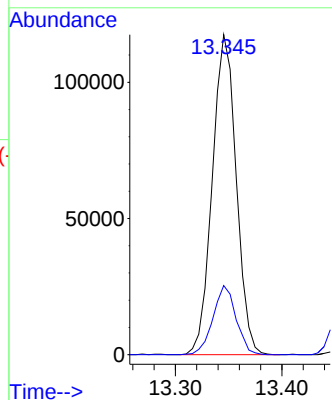
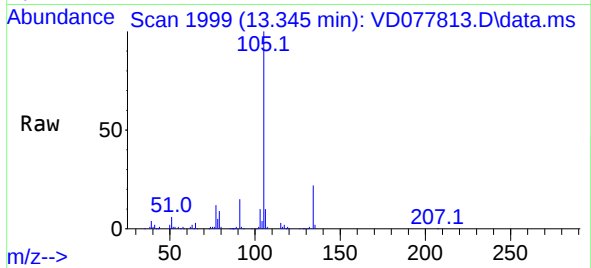




#85
 sec-Butylbenzene
 Concen: 19.882 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077813.D
 Acq: 11 Dec 2023 16:07

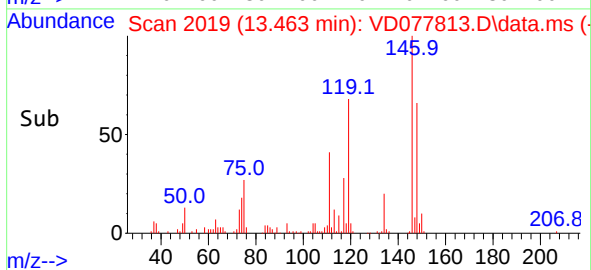
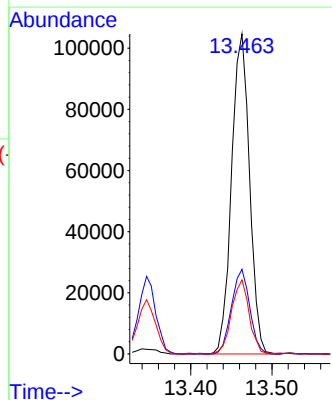
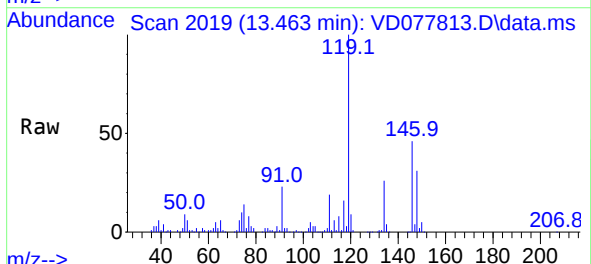
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS01

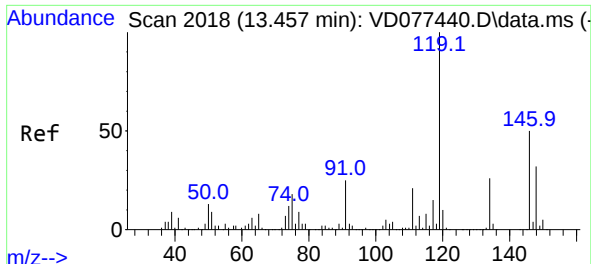
Tgt Ion:105 Resp: 183079
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.504 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077813.D
 Acq: 11 Dec 2023 16:07

Tgt Ion:119 Resp: 160799
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 22.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.902 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077813.D

Acq: 11 Dec 2023 16:07

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS01

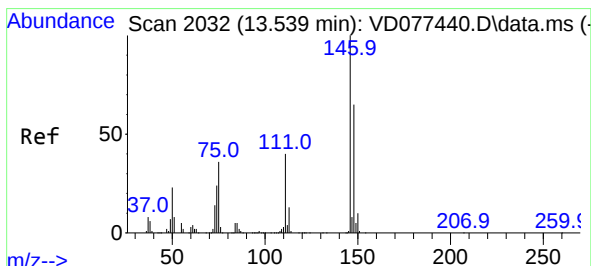
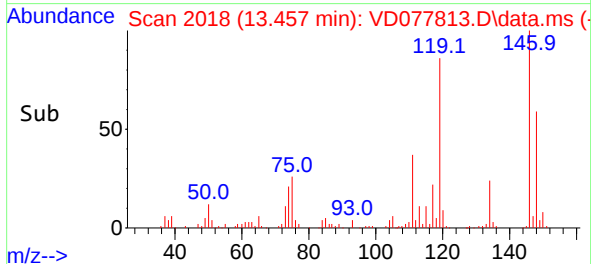
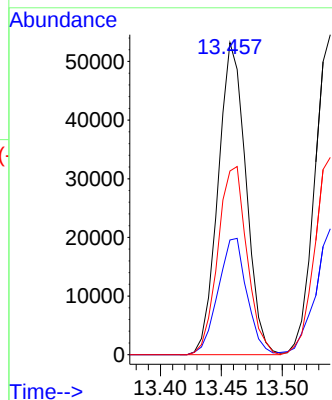
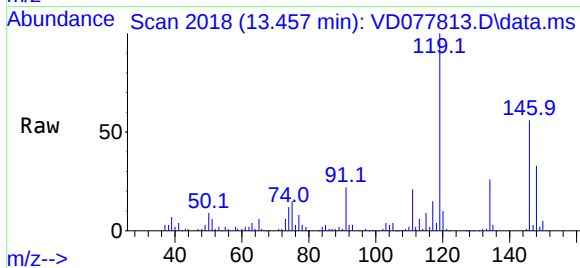
Tgt Ion:146 Resp: 84696

Ion Ratio Lower Upper

146 100

111 38.8 17.9 53.8

148 63.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 19.824 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077813.D

Acq: 11 Dec 2023 16:07

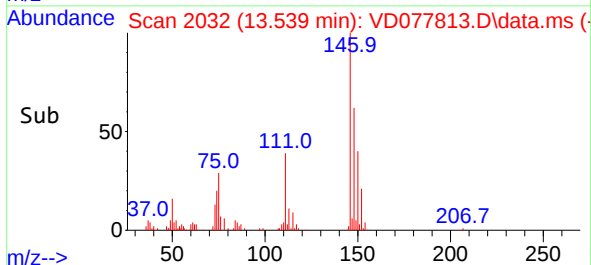
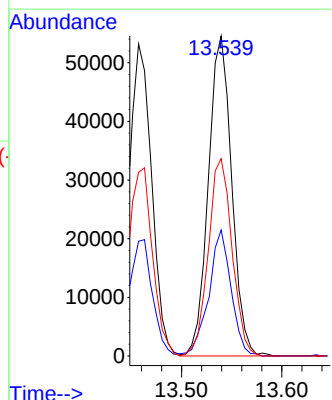
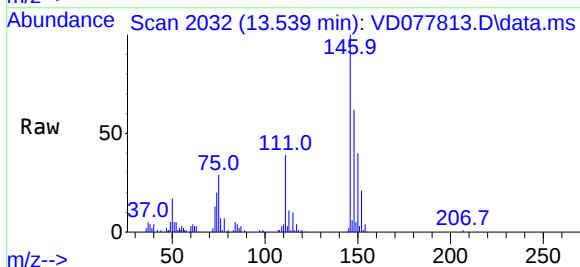
Tgt Ion:146 Resp: 88323

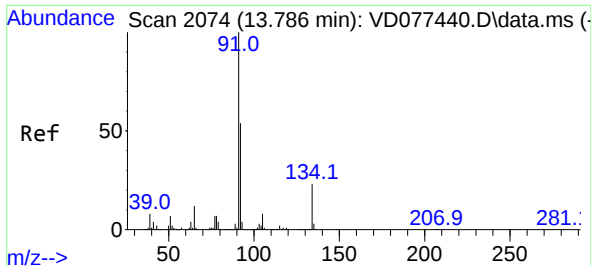
Ion Ratio Lower Upper

146 100

111 37.5 17.4 52.3

148 62.8 31.7 95.1

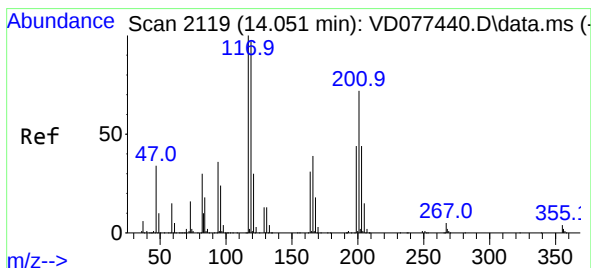
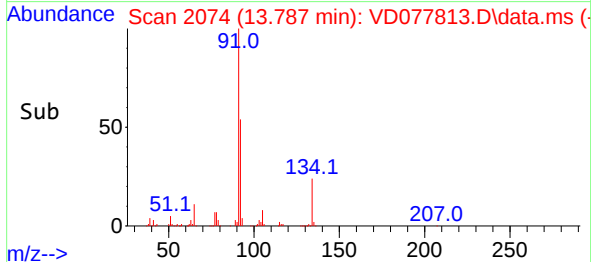
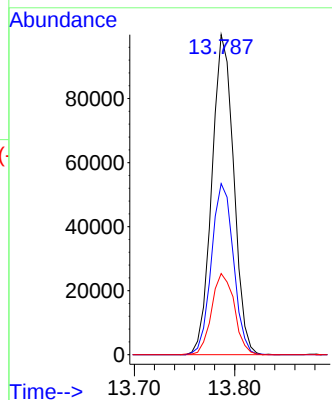
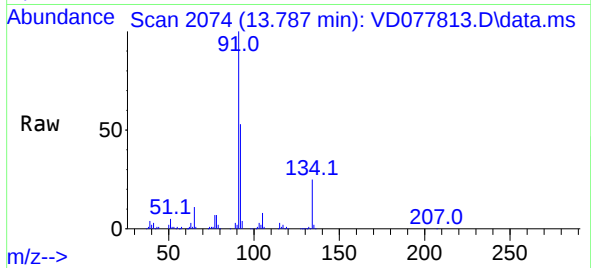




#89
n-Butylbenzene
Concen: 19.440 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

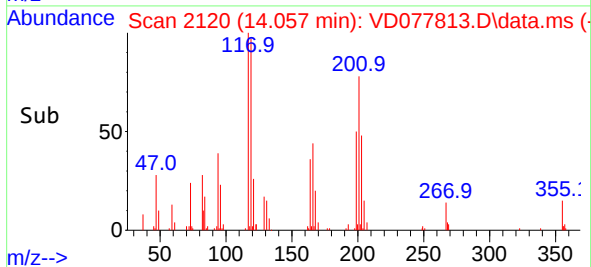
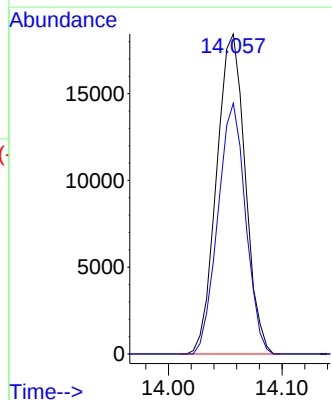
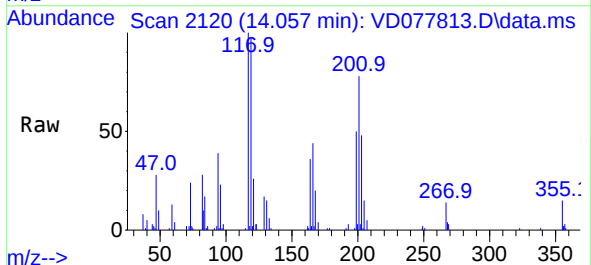
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

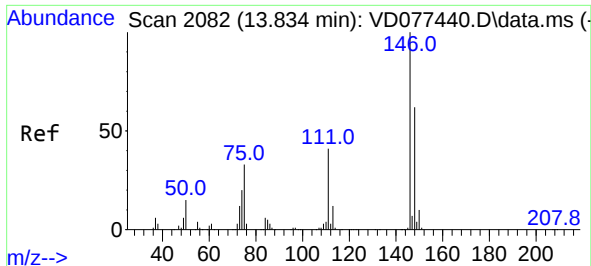
Tgt Ion: 91 Resp: 150807
Ion Ratio Lower Upper
91 100
92 54.0 26.5 79.5
134 26.4 13.8 41.3



#90
Hexachloroethane
Concen: 21.327 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion: 117 Resp: 32337
Ion Ratio Lower Upper
117 100
201 75.8 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.983 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077813.D

Acq: 11 Dec 2023 16:07

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS01

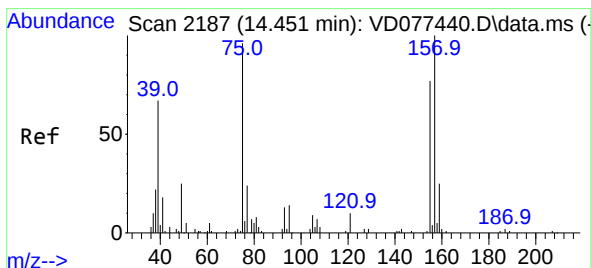
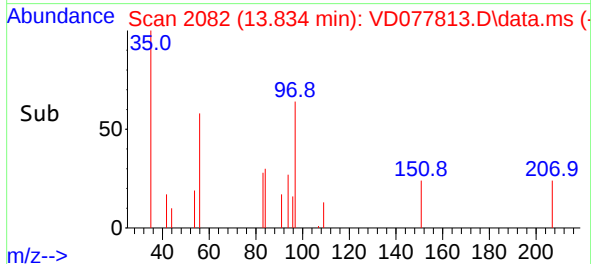
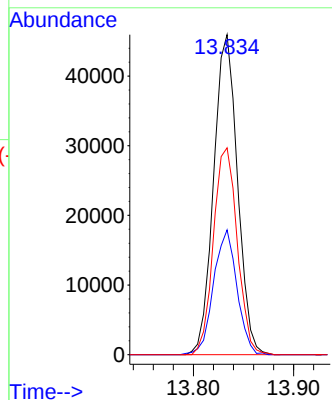
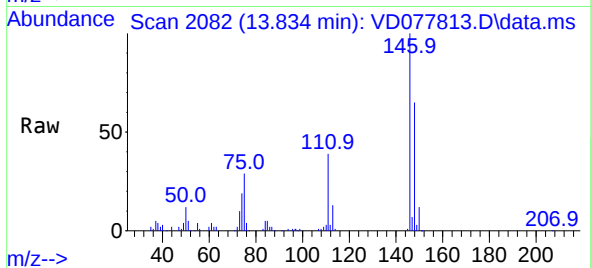
Tgt Ion:146 Resp: 75946

Ion Ratio Lower Upper

146 100

111 38.3 18.3 54.8

148 64.6 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.823 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077813.D

Acq: 11 Dec 2023 16:07

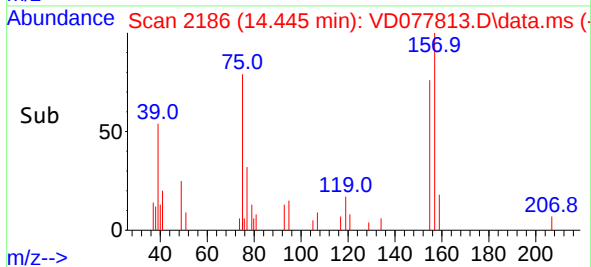
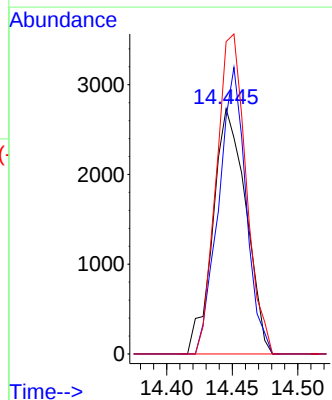
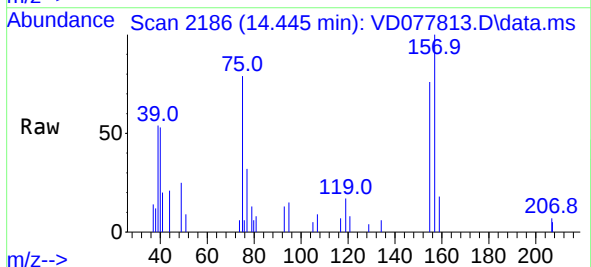
Tgt Ion: 75 Resp: 4781

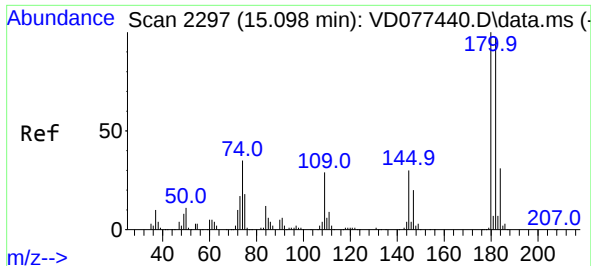
Ion Ratio Lower Upper

75 100

155 96.6 47.9 143.8

157 117.8 59.9 179.7

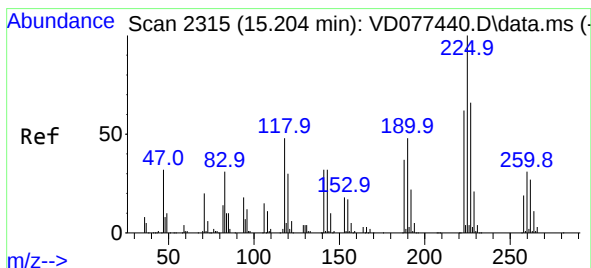
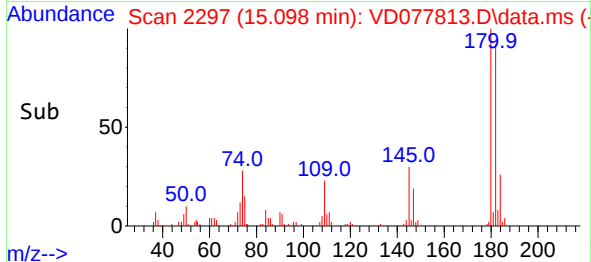
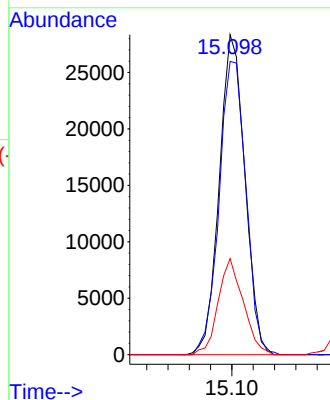
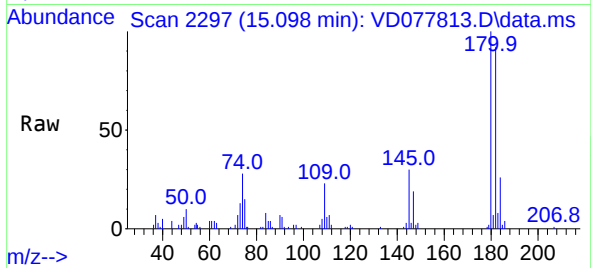




#93
1,2,4-Trichlorobenzene
Concen: 19.114 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

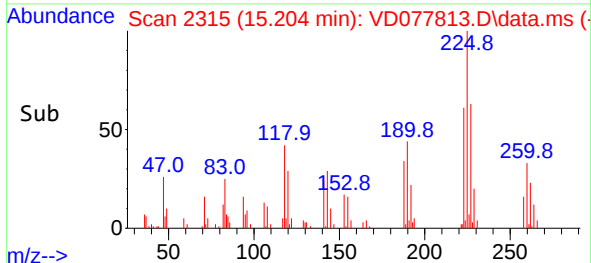
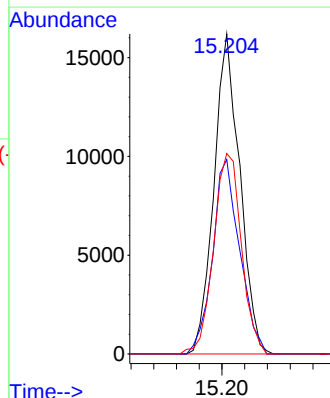
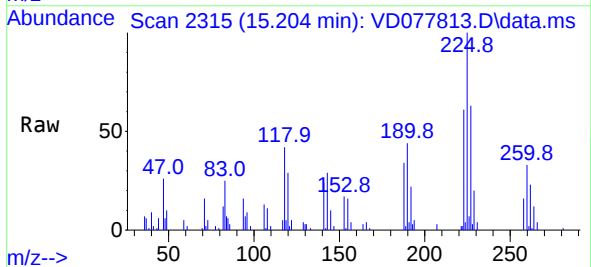
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

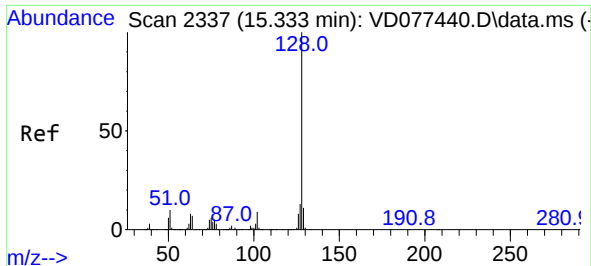
Tgt Ion:180 Resp: 47253
Ion Ratio Lower Upper
180 100
182 96.0 48.5 145.6
145 29.4 14.2 42.6



#94
Hexachlorobutadiene
Concen: 19.180 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion:225 Resp: 25570
Ion Ratio Lower Upper
225 100
223 63.7 31.6 94.8
227 67.3 31.7 95.1

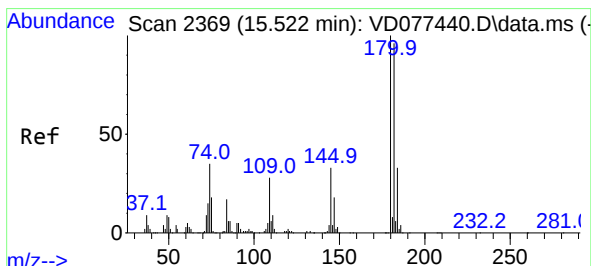
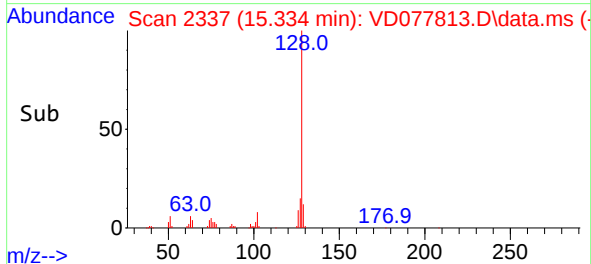
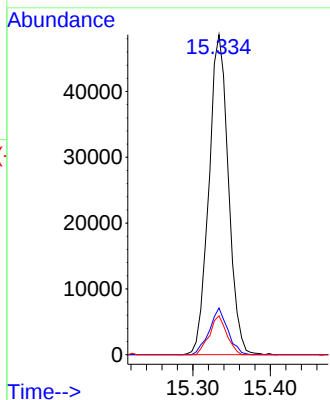
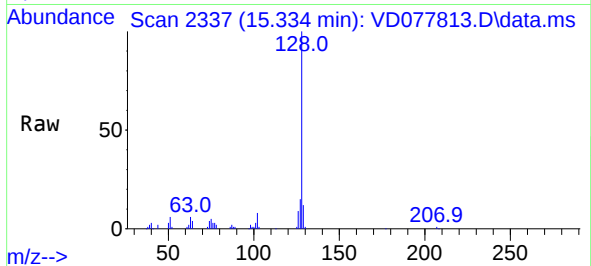




#95
Naphthalene
Concen: 20.702 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

Tgt Ion:128 Resp: 85034
Ion Ratio Lower Upper
128 100
127 14.6 10.5 15.7
129 12.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.354 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077813.D
Acq: 11 Dec 2023 16:07

Tgt Ion:180 Resp: 41484
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.9
145 31.1 15.1 45.3

