

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077657.D
 Acq On : 22 Nov 2023 08:38
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 23 00:30:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	251662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	237781	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	124442	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	181376	28.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.320%	
7) Chloroethane-d5	2.811	69	150050	29.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 119.360%	
11) 1,1-Dichloroethene-d2	3.922	65	53141	26.844	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 107.360%	
21) 2-Butanone-d5	6.981	46	51602	46.556	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.120%	
24) Chloroform-d	7.569	84	199332	27.419	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.680%	
26) 1,2-Dichloroethane-d4	8.234	65	105322	27.236	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.960%	
32) Benzene-d6	8.204	84	418999	27.150	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 108.600%	
36) 1,2-Dichloropropane-d6	9.210	67	128240	25.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.040%	
41) Toluene-d8	10.269	98	380244	27.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 109.080%	
43) trans-1,3-Dichloroprop...	10.528	79	54267	25.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.160%	
47) 2-Hexanone-d5	10.881	63	43056	47.879	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.760%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	88706	26.634	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.520%	
66) 1,2-Dichlorobenzene-d4	13.816	152	115484	26.086	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	94645	23.352	ug/L	98
3) Chloromethane	2.152	50	130719	22.418	ug/L	99
5) Vinyl chloride	2.293	62	157121	23.874	ug/L	96
6) Bromomethane	2.705	94	85787	24.484	ug/L	100
8) Chloroethane	2.846	64	103354	25.260	ug/L	96
9) Trichlorofluoromethane	3.187	101	158171	26.408	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	98377	26.691	ug/L	99
12) 1,1-Dichloroethene	3.952	96	87311	24.397	ug/L	93
13) Acetone	4.022	43	56032	48.093	ug/L	71
14) Carbon disulfide	4.275	76	255334	19.814	ug/L	99
15) Methyl Acetate	4.563	43	44285	23.105	ug/L	97
16) Methylene chloride	4.810	84	106884	25.155	ug/L	93
17) trans-1,2-Dichloroethene	5.328	96	90774	24.113	ug/L	89
18) Methyl tert-butyl Ether	5.322	73	213864	24.204	ug/L	98
19) 1,1-Dichloroethane	6.122	63	187796	24.863	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	102659	25.100	ug/L	100
22) 2-Butanone	7.081	43	63365	45.201	ug/L	99
23) Bromochloromethane	7.428	128	40985	24.939	ug/L	97
25) Chloroform	7.599	83	186798	26.921	ug/L	98

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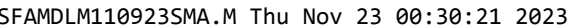
Instrument :
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 ClientSampleId :

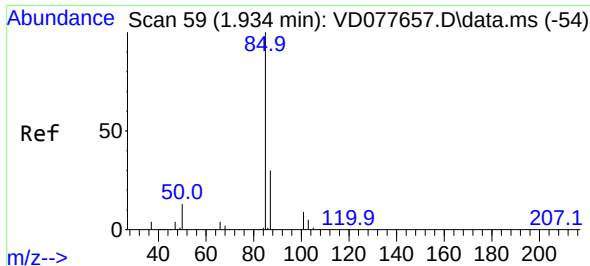
Quant Time: Nov 23 00:30:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	119366	25.951	ug/L	97
29) Cyclohexane	7.881	56	163183	21.137	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	158314	25.433	ug/L	99
31) Carbon tetrachloride	7.993	117	140176	26.203	ug/L	100
33) Benzene	8.251	78	400316	24.278	ug/L	100
34) Trichloroethene	9.028	95	101948	24.951	ug/L	91
35) Methylcyclohexane	9.275	83	171281	23.230	ug/L	96
37) 1,2-Dichloropropane	9.304	63	113903	24.848	ug/L	100
38) Bromodichloromethane	9.587	83	134072	25.499	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	169066	24.001	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	129074	46.206	ug/L	99
42) Toluene	10.334	91	433469	25.038	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	143897	24.723	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	72812	25.985	ug/L	99
46) Tetrachloroethene	10.810	164	77271	25.703	ug/L	94
48) 2-Hexanone	10.922	43	97772	44.157	ug/L	96
49) Dibromochloromethane	11.075	129	85288	26.796	ug/L	95
50) 1,2-Dibromoethane	11.181	107	66750	24.911	ug/L	95
51) Chlorobenzene	11.610	112	260946	25.728	ug/L	95
52) Ethylbenzene	11.687	91	486340	25.531	ug/L	98
53) m,p-Xylene	11.792	106	179365	25.876	ug/L	98
54) o-Xylene	12.122	106	173004	26.059	ug/L	98
55) Styrene	12.140	104	309775	26.724	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.675	83	87927	26.637	ug/L	96
59) Bromoform	12.298	173	52844	24.907	ug/L	99
60) Isopropylbenzene	12.422	105	493451	24.515	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	61990	23.386	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	362297	23.716	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	376539	24.332	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	203804	24.680	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	210179	25.220	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	184856	25.320	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	13305	23.076	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.598	180	143290	25.484	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	120650	25.460	ug/L	99
71) Naphthalene	15.333	128	213909	23.951	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	103414	25.594	ug/L	99

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

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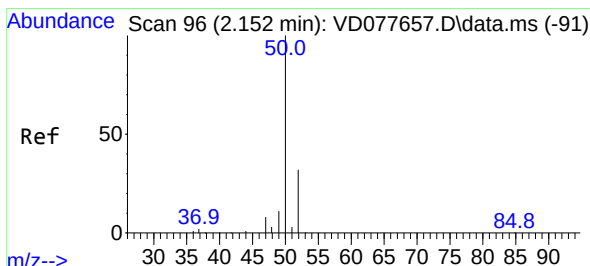
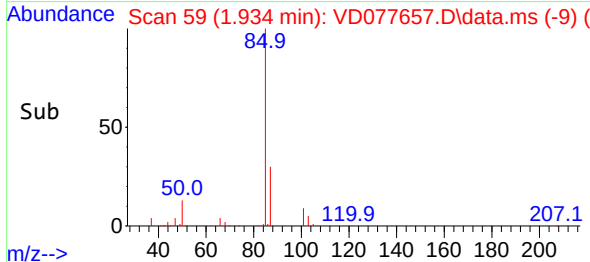
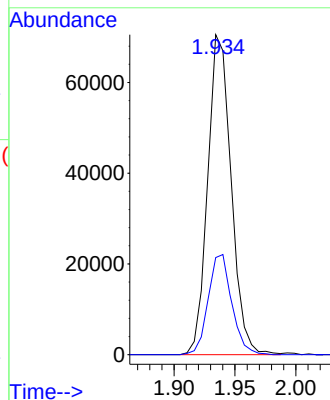
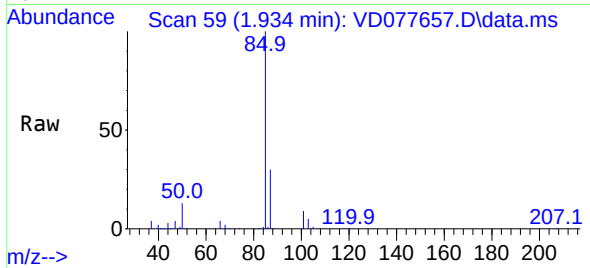




#2
 Dichlorodifluoromethane
 Concen: 23.352 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.006 min
 Lab File: VD077657.D
 Acq: 22 Nov 2023 08:38

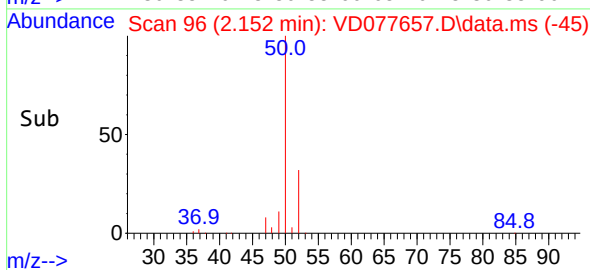
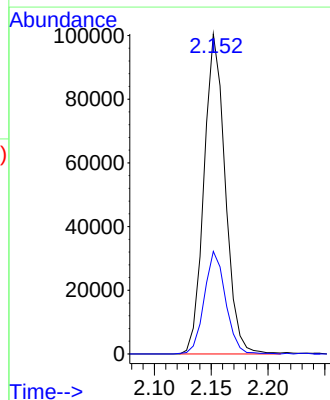
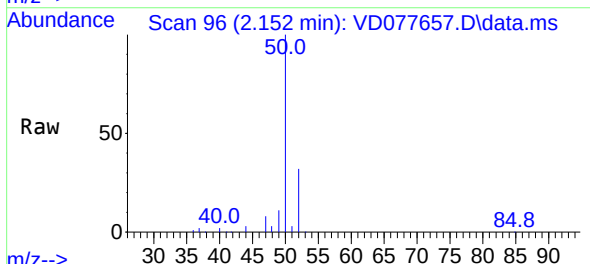
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 MSVOA_D
 ClientSampleId :

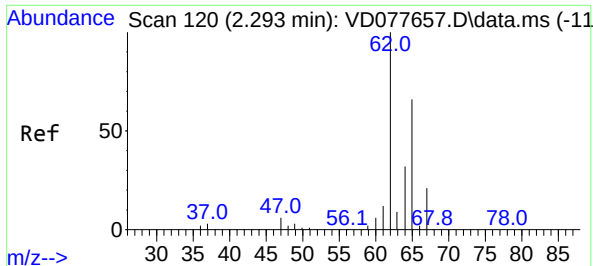
Tgt Ion: 85 Resp: 94645
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.2 39.2



#3
 Chloromethane
 Concen: 22.418 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD077657.D
 Acq: 22 Nov 2023 08:38

Tgt Ion: 50 Resp: 130719
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.1 41.1

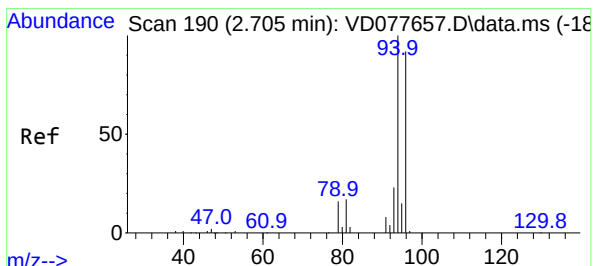
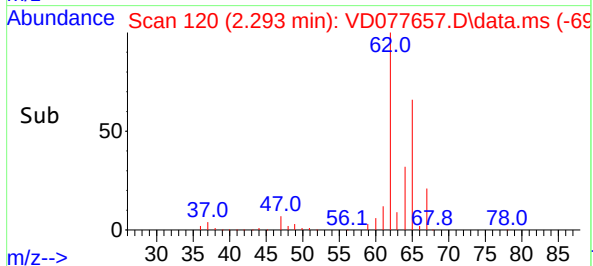
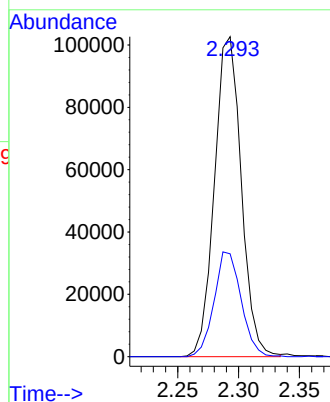
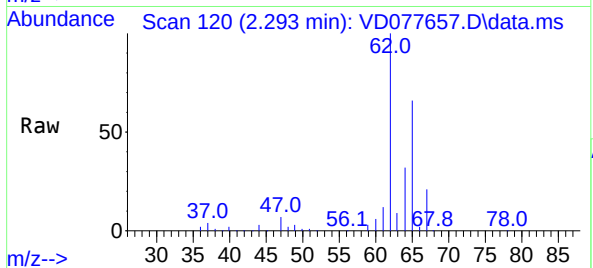




#5
 Vinyl chloride
 Concen: 23.874 ug/L
 RT: 2.293 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077657.D
 Acq: 22 Nov 2023 08:38

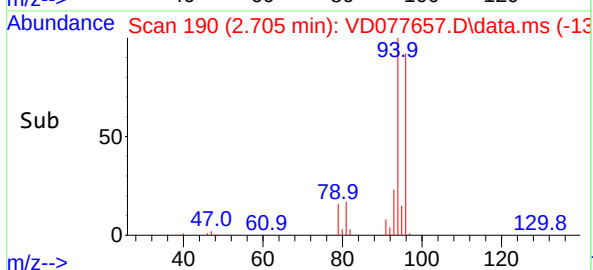
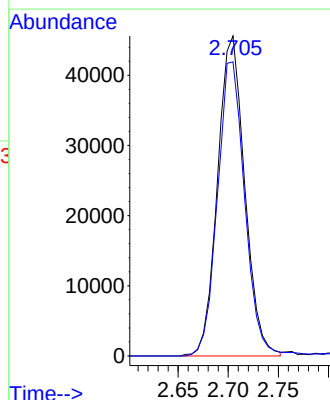
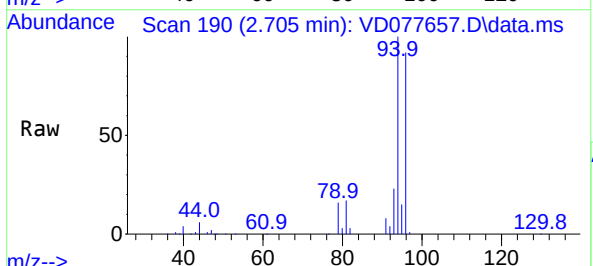
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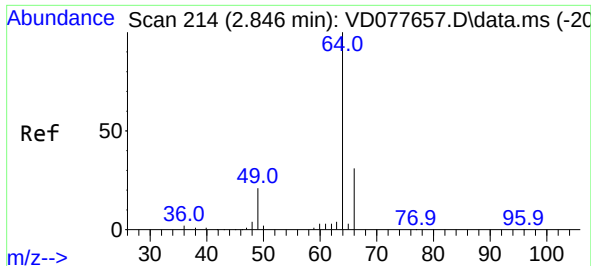
Tgt Ion: 62 Resp: 157121
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.9 44.5



#6
 Bromomethane
 Concen: 24.484 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.000 min
 Lab File: VD077657.D
 Acq: 22 Nov 2023 08:38

Tgt Ion: 94 Resp: 85787
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.5 119.9

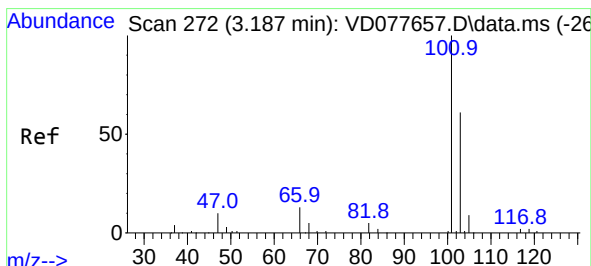
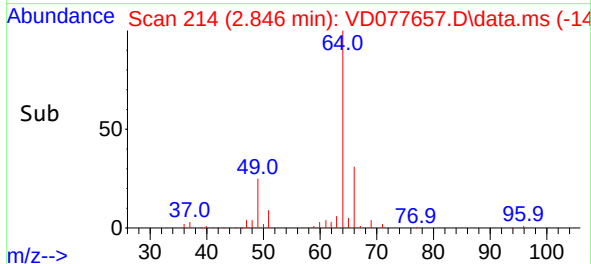
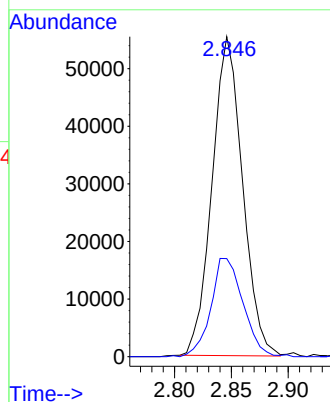
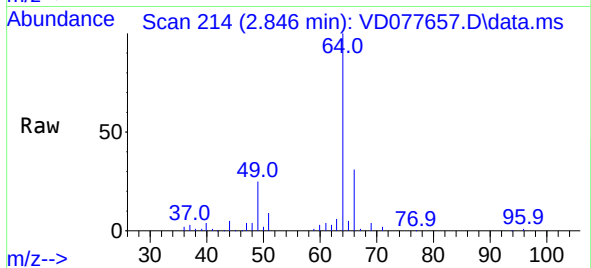




#8
Chloroethane
Concen: 25.260 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

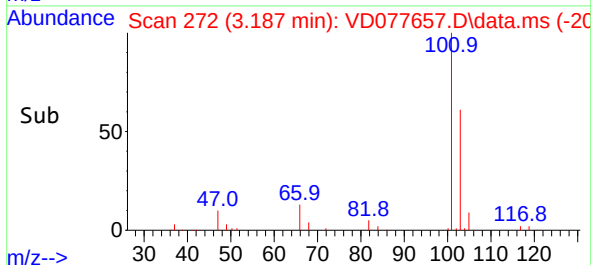
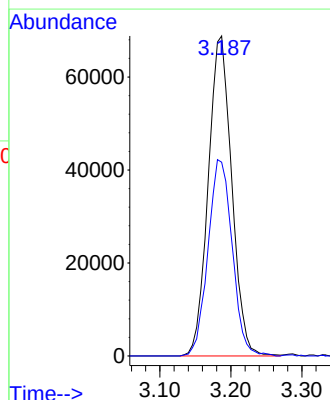
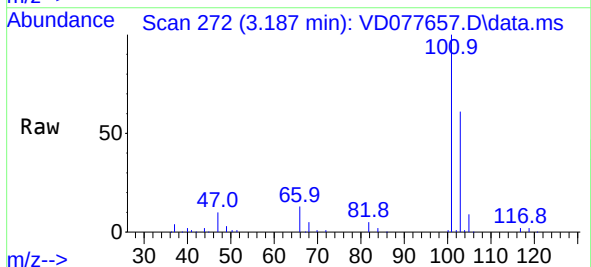
Instrument :
MSVOA_D
ClientSampleId :

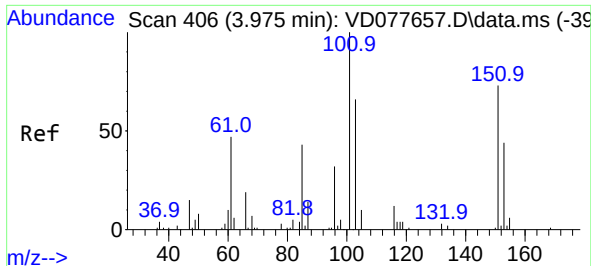
Tgt Ion: 64 Resp: 103354
Ion Ratio Lower Upper
64 100
66 30.7 19.8 36.8



#9
Trichlorofluoromethane
Concen: 26.408 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion:101 Resp: 158171
Ion Ratio Lower Upper
101 100
103 63.0 51.9 77.9

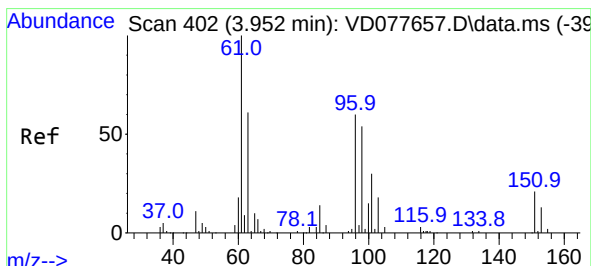
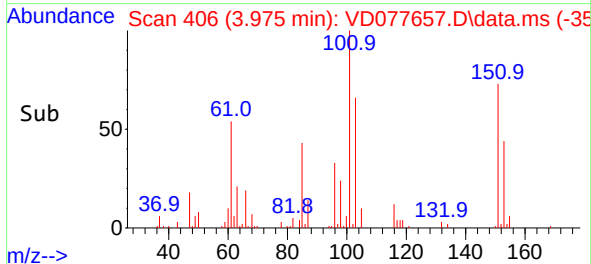
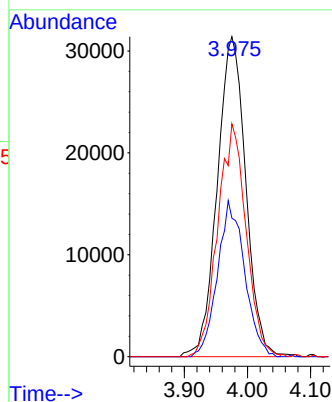
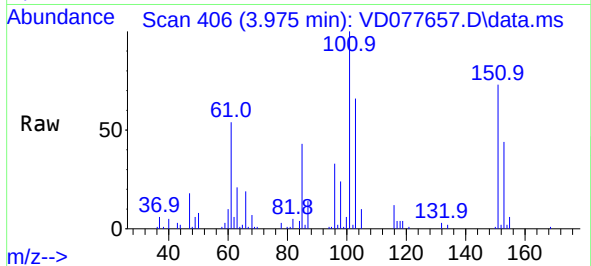




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.691 ug/L
 RT: 3.975 min Scan# 406
 Delta R.T. -0.006 min
 Lab File: VD077657.D
 Acq: 22 Nov 2023 08:38

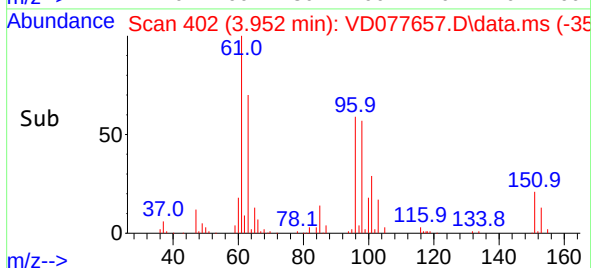
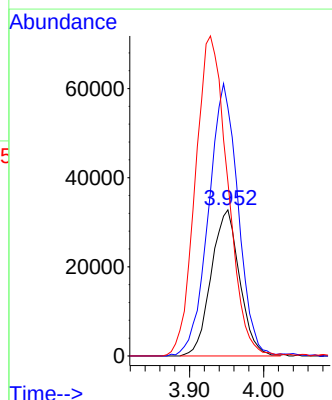
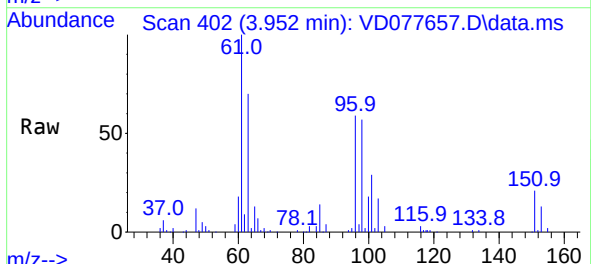
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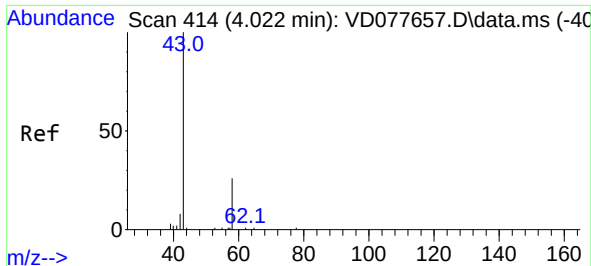
Tgt Ion:101 Resp: 98377
 Ion Ratio Lower Upper
 101 100
 85 46.3 36.8 55.2
 151 72.4 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 24.397 ug/L
 RT: 3.952 min Scan# 402
 Delta R.T. 0.000 min
 Lab File: VD077657.D
 Acq: 22 Nov 2023 08:38

Tgt Ion: 96 Resp: 87311
 Ion Ratio Lower Upper
 96 100
 61 169.9 127.5 236.9
 63 119.4 86.4 160.4

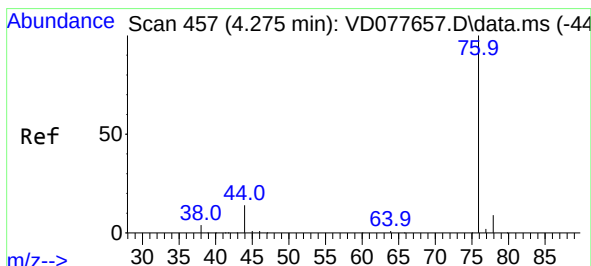
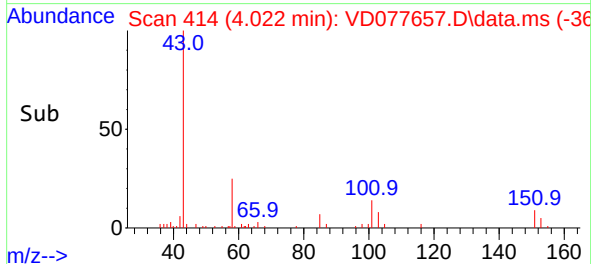
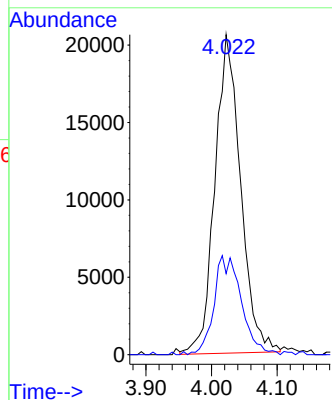
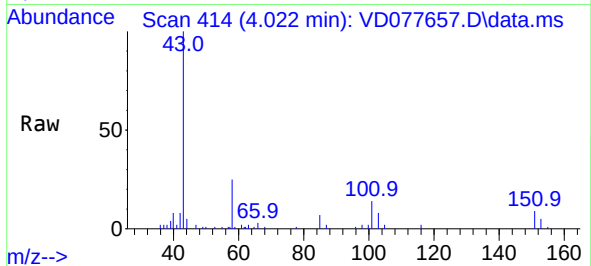




#13
Acetone
Concen: 48.093 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

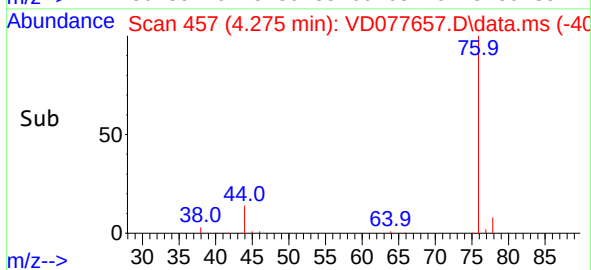
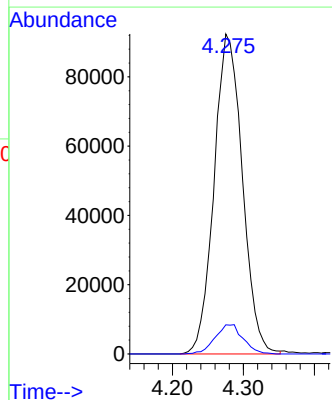
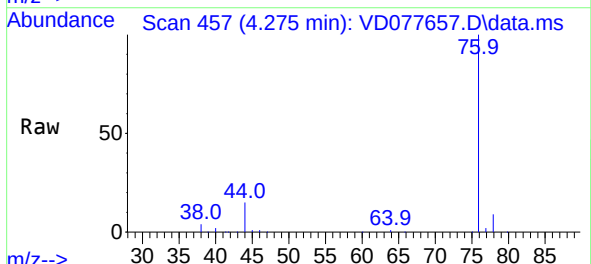
Instrument :
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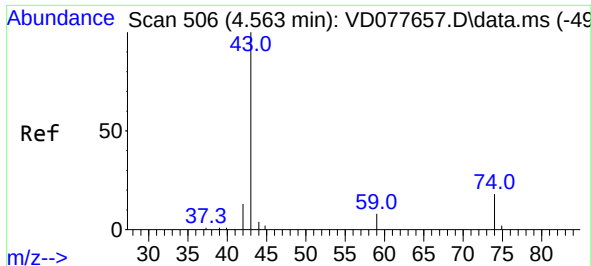
Tgt Ion: 43 Resp: 56032
Ion Ratio Lower Upper
43 100
58 16.1 0.0 64.0



#14
Carbon disulfide
Concen: 19.814 ug/L
RT: 4.275 min Scan# 457
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion: 76 Resp: 255334
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3

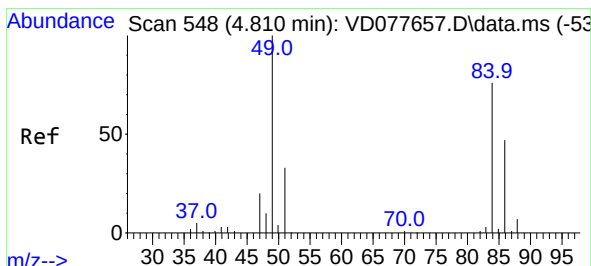
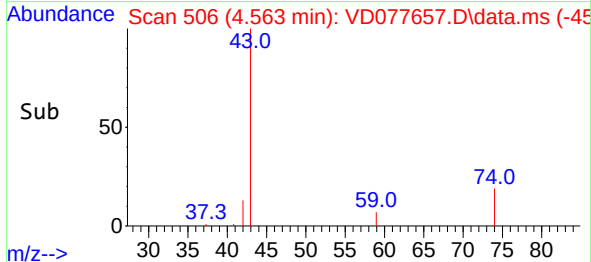
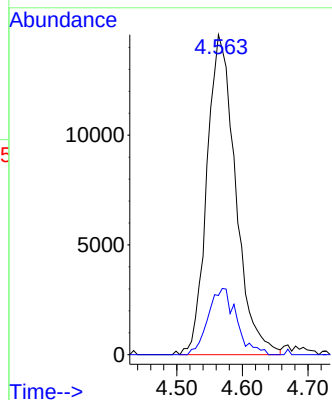
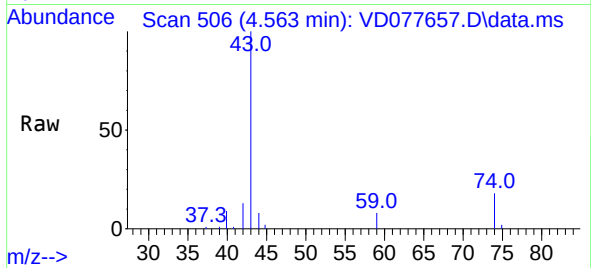




#15
Methyl Acetate
Concen: 23.105 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

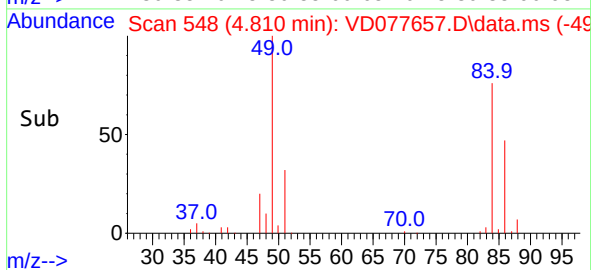
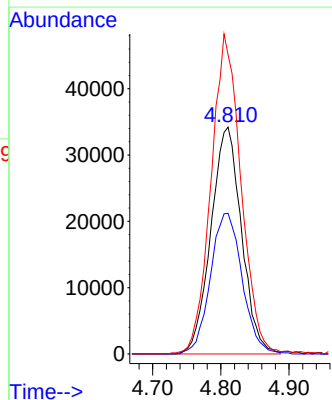
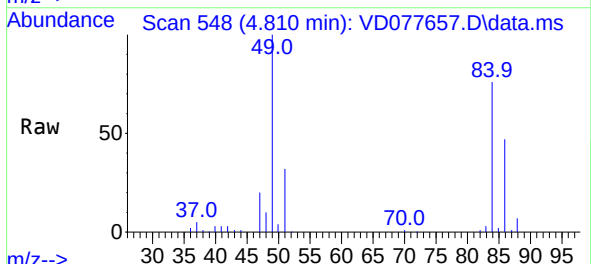
Instrument :
MSVOA_D
ClientSampleId :

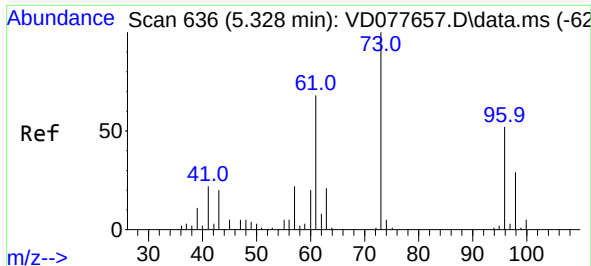
Tgt Ion: 43 Resp: 44285
Ion Ratio Lower Upper
43 100
74 19.2 16.6 24.8



#16
Methylene chloride
Concen: 25.155 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion: 84 Resp: 106884
Ion Ratio Lower Upper
84 100
86 62.0 46.5 86.5
49 132.0 98.3 182.7





#17

trans-1,2-Dichloroethene

Concen: 24.113 ug/L

RT: 5.328 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077657.D

Acq: 22 Nov 2023 08:38

Instrument :

MSVOA_D

ClientSampleId :

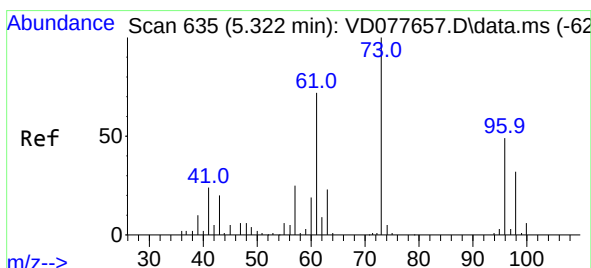
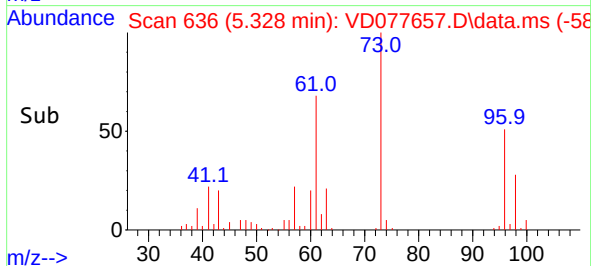
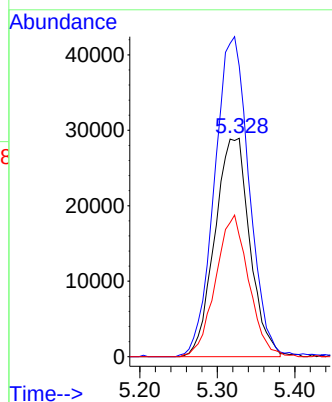
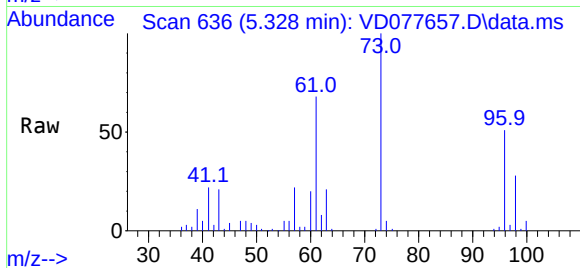
Tgt Ion: 96 Resp: 90774

Ion Ratio Lower Upper

96 100

61 133.1 104.0 193.2

98 55.4 43.1 80.1



#18

Methyl tert-butyl Ether

Concen: 24.204 ug/L

RT: 5.322 min Scan# 635

Delta R.T. -0.006 min

Lab File: VD077657.D

Acq: 22 Nov 2023 08:38

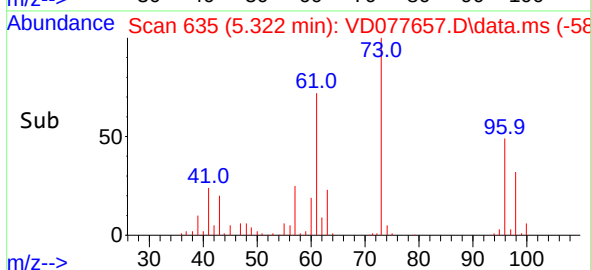
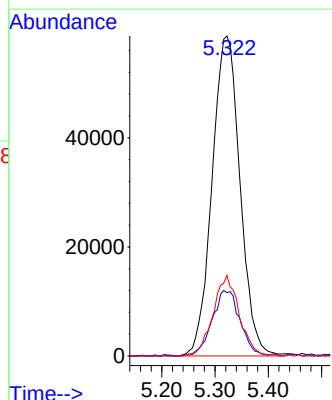
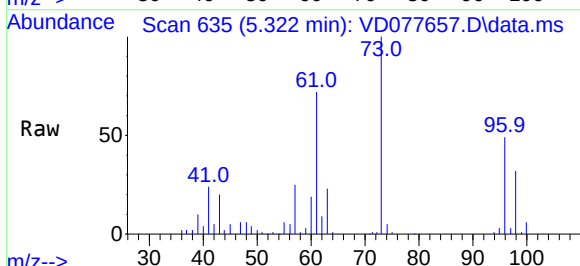
Tgt Ion: 73 Resp: 213864

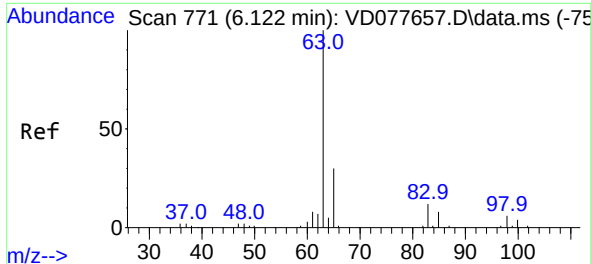
Ion Ratio Lower Upper

73 100

43 20.4 16.4 24.6

57 22.7 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.863 ug/L

RT: 6.122 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD077657.D

Acq: 22 Nov 2023 08:38

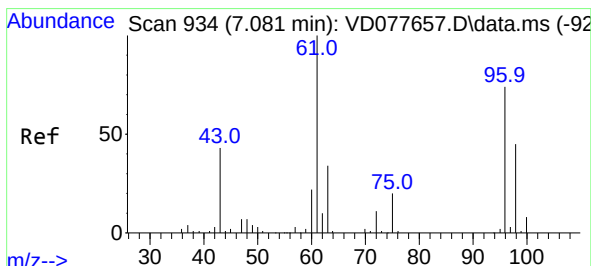
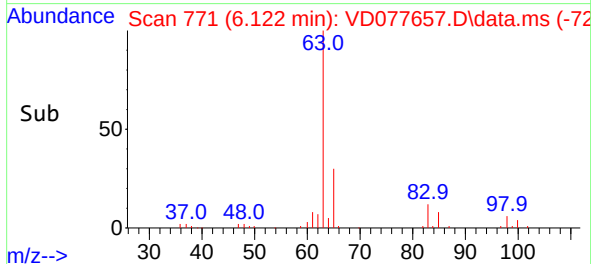
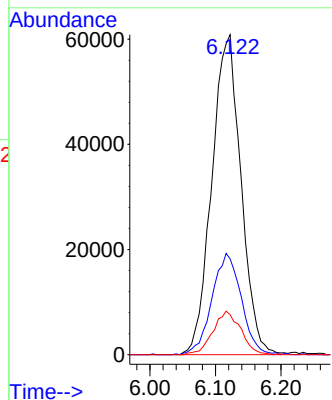
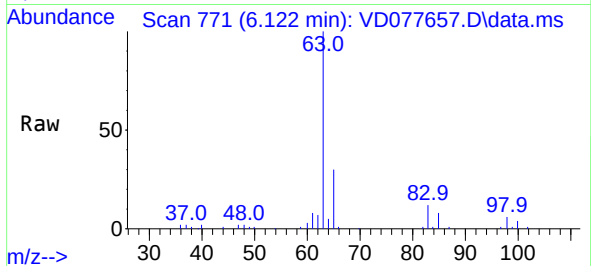
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 63 Resp: 187796

Ion	Ratio	Lower	Upper
63	100		
65	30.0	22.6	42.0
83	12.5	8.8	16.3



#20

cis-1,2-Dichloroethene

Concen: 25.100 ug/L

RT: 7.081 min Scan# 934

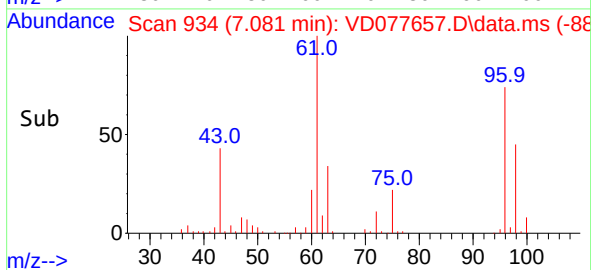
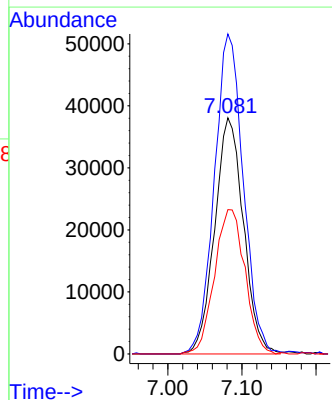
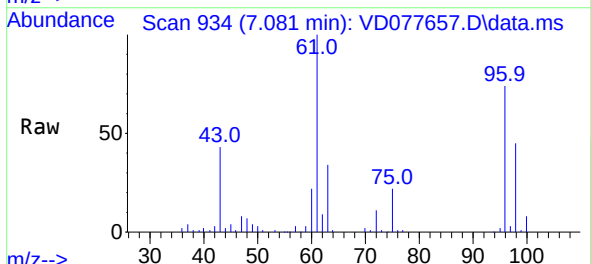
Delta R.T. -0.006 min

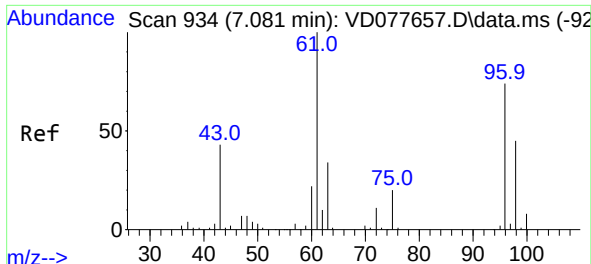
Lab File: VD077657.D

Acq: 22 Nov 2023 08:38

Tgt Ion: 96 Resp: 102659

Ion	Ratio	Lower	Upper
96	100		
61	135.5	95.0	176.4
98	61.1	43.1	80.1

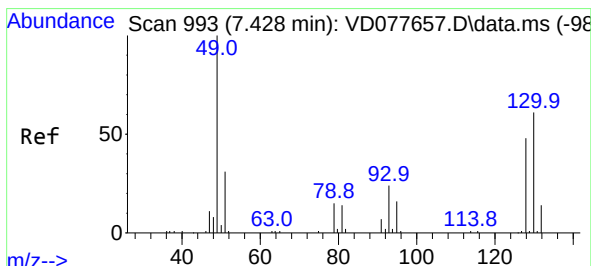
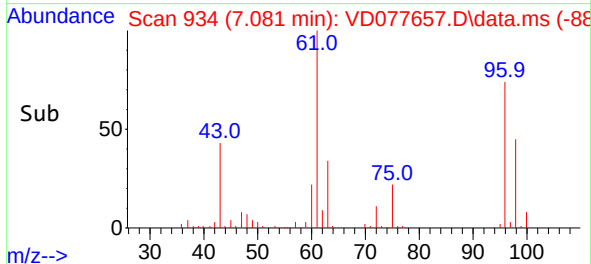
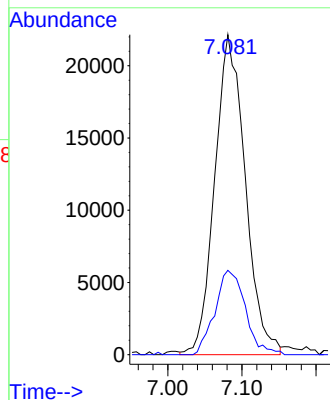
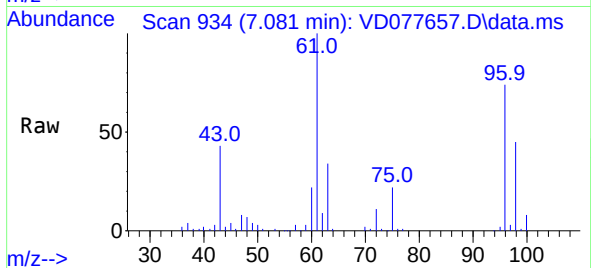




#22
2-Butanone
Concen: 45.201 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

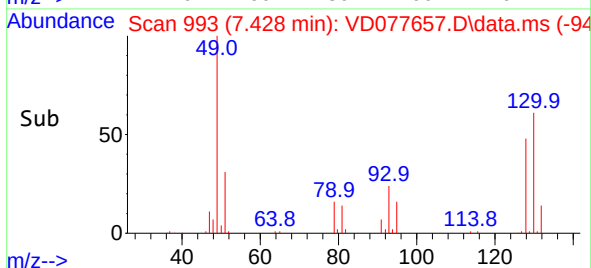
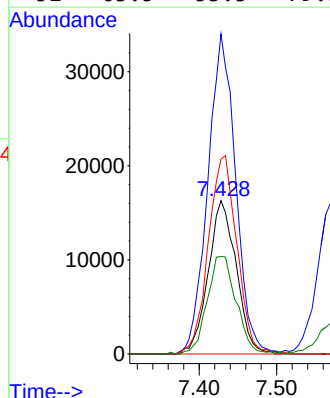
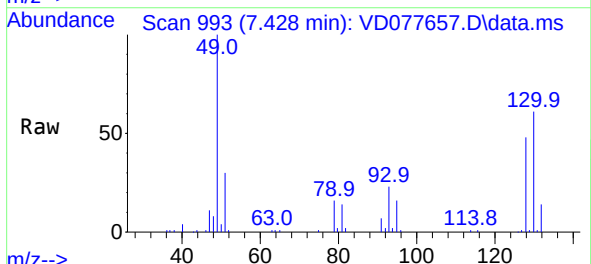
Instrument :
MSVOA_D
ClientSampleId :

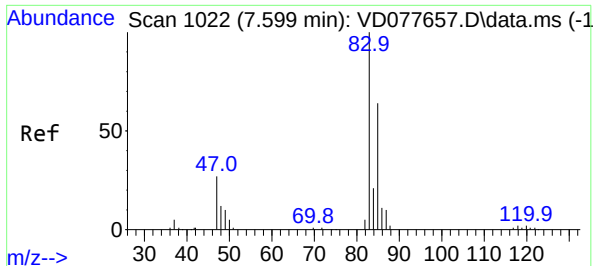
Tgt Ion: 43 Resp: 63365
Ion Ratio Lower Upper
43 100
72 26.3 12.8 38.4



#23
Bromochloromethane
Concen: 24.939 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion:128 Resp: 40985
Ion Ratio Lower Upper
128 100
49 208.7 146.7 272.5
130 127.2 83.2 154.6
51 63.5 53.3 79.9

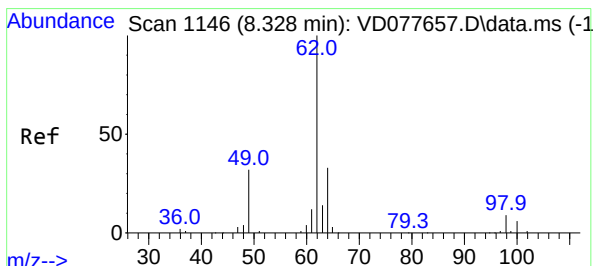
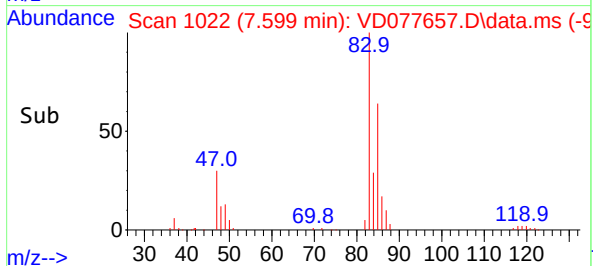
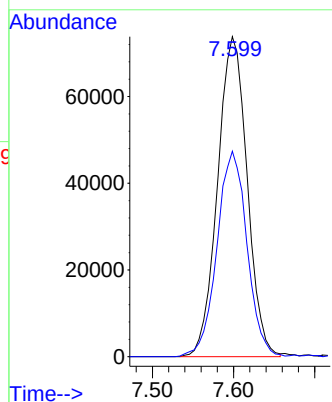
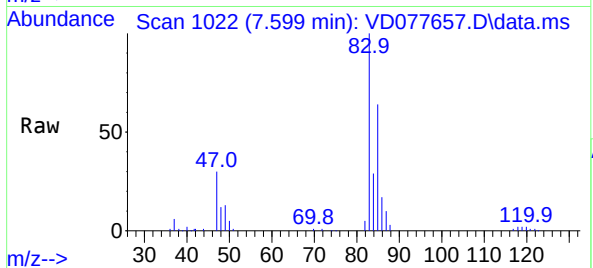




#25
Chloroform
Concen: 26.921 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

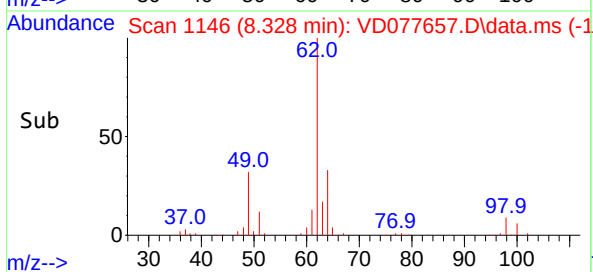
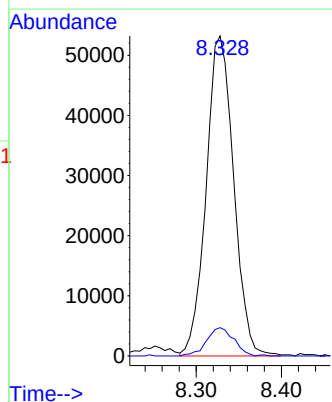
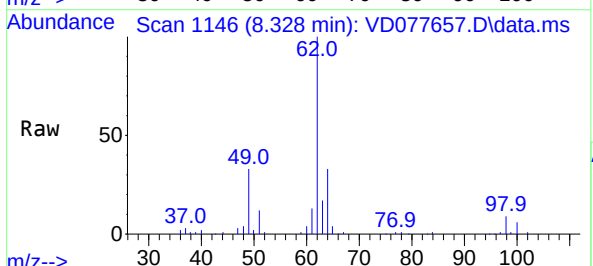
Instrument :
MSVOA_D
ClientSampleId :

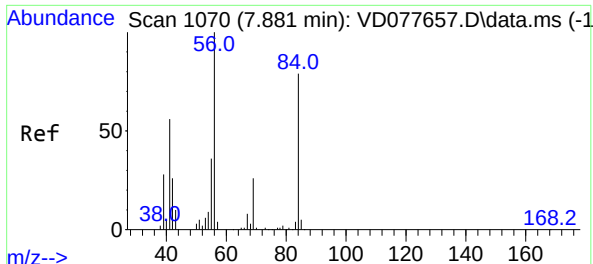
Tgt Ion: 83 Resp: 186798
Ion Ratio Lower Upper
83 100
85 64.2 45.9 85.3



#27
1,2-Dichloroethane
Concen: 25.951 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

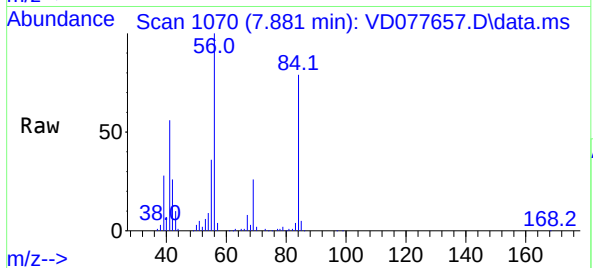
Tgt Ion: 62 Resp: 119366
Ion Ratio Lower Upper
62 100
98 8.9 8.0 12.0



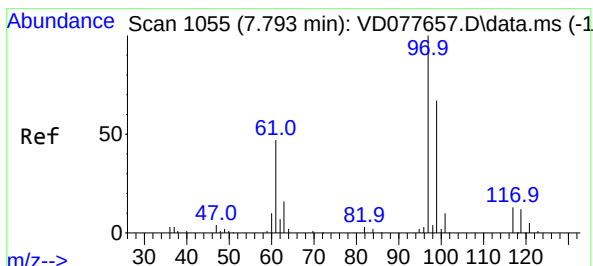
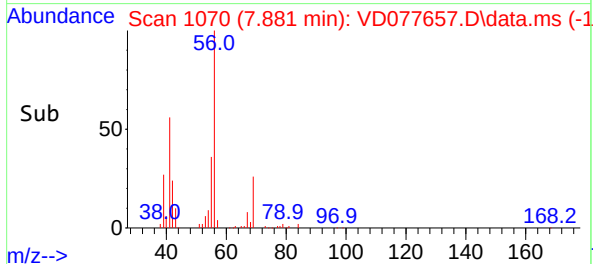
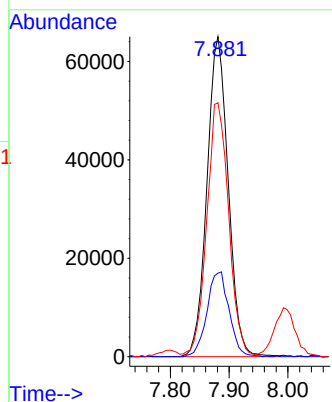


#29
Cyclohexane
Concen: 21.137 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Instrument :
MSVOA_D
ClientSampleId :

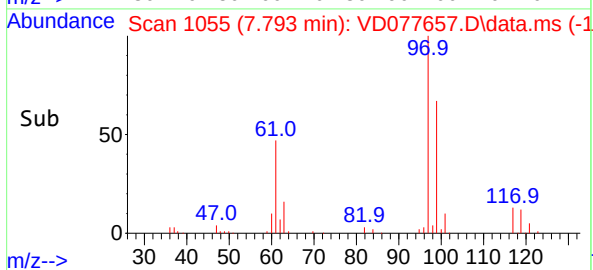
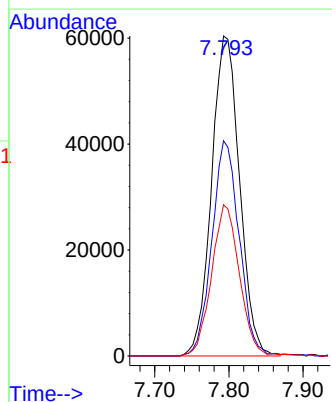
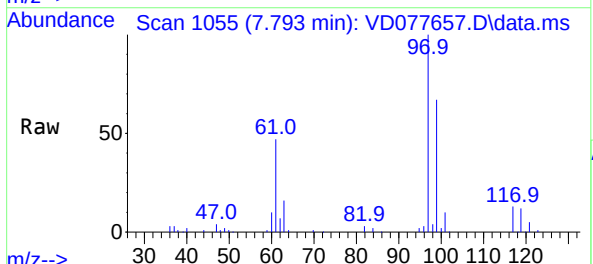


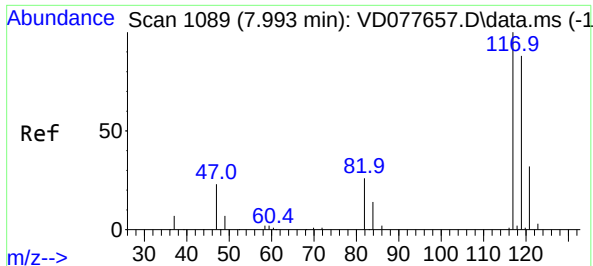
Tgt Ion: 56 Resp: 163183
Ion Ratio Lower Upper
56 100
69 27.6 22.6 33.8
84 82.0 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 25.433 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion: 97 Resp: 158314
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.2
61 46.8 38.1 57.1

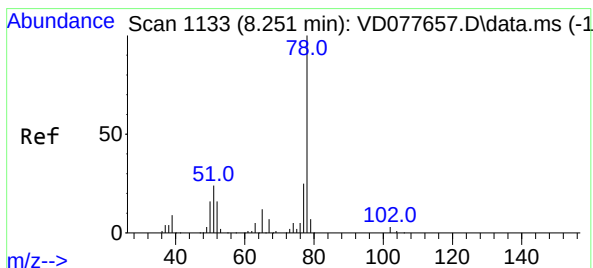
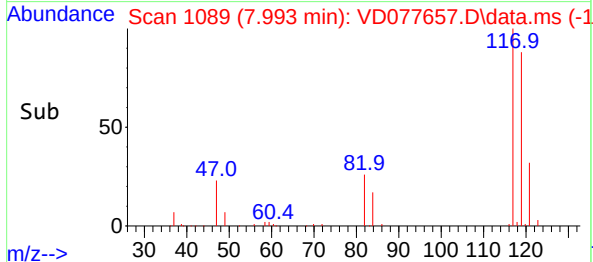
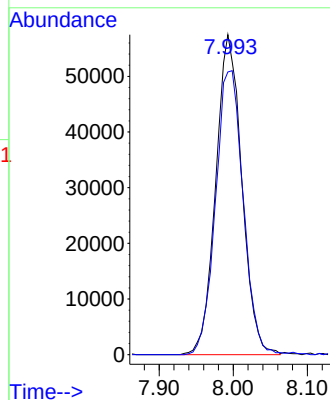
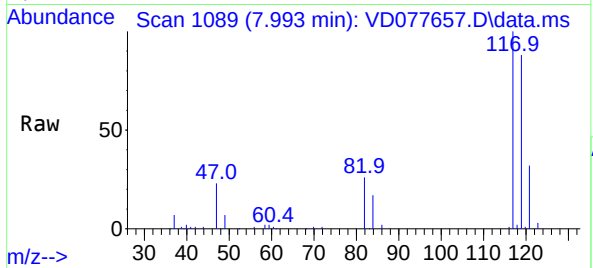




#31
Carbon tetrachloride
Concen: 26.203 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

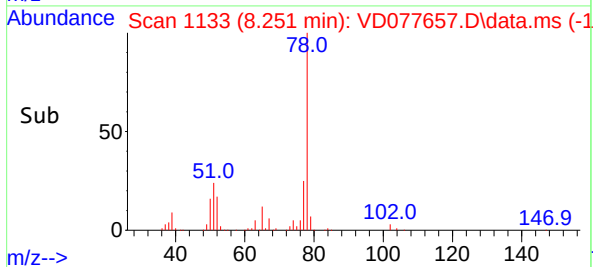
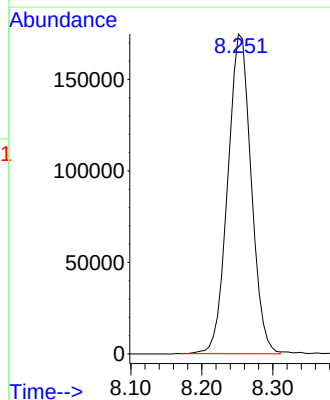
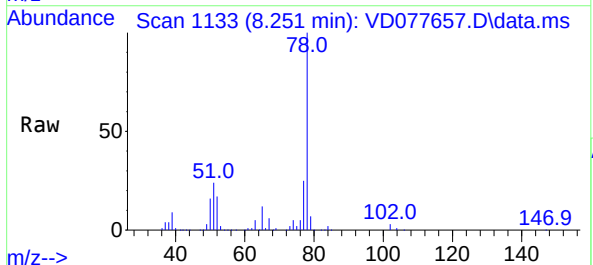
Instrument :
MSVOA_D
ClientSampleId :

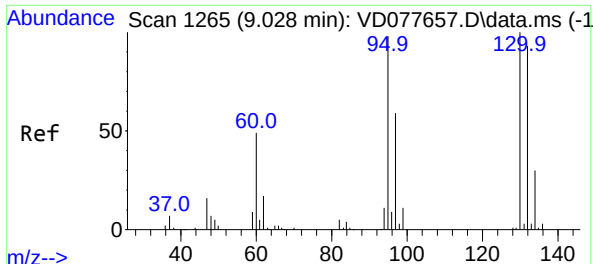
Tgt Ion:117 Resp: 140176
Ion Ratio Lower Upper
117 100
119 94.1 75.4 113.0



#33
Benzene
Concen: 24.278 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

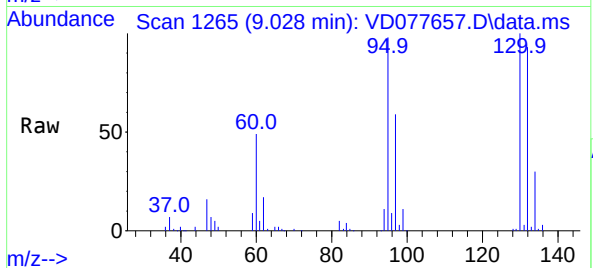
Tgt Ion: 78 Resp: 400316



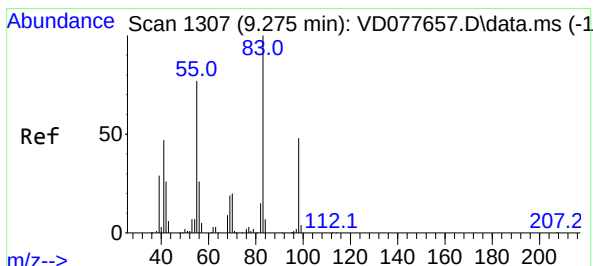
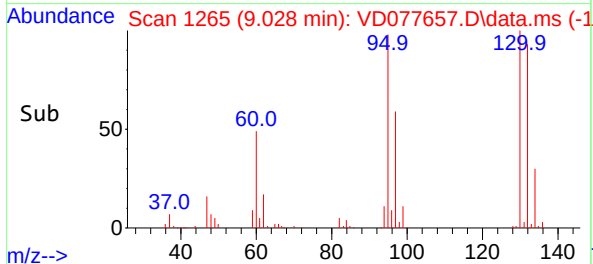
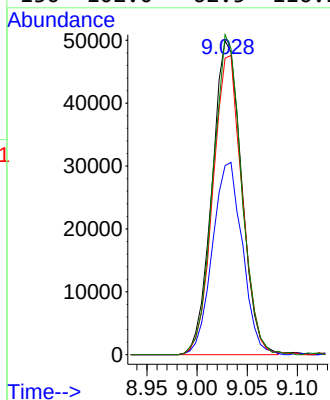


#34
Trichloroethene
Concen: 24.951 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Instrument :
MSVOA_D
ClientSampleId :

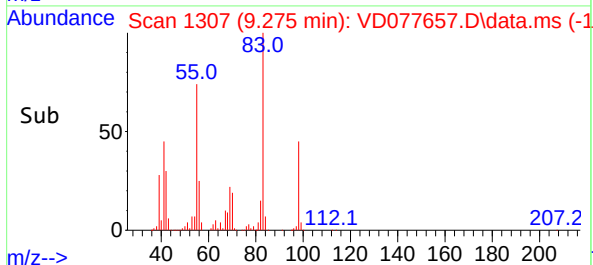
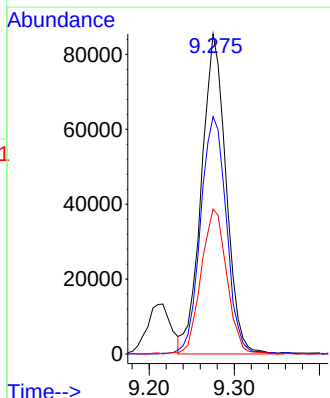
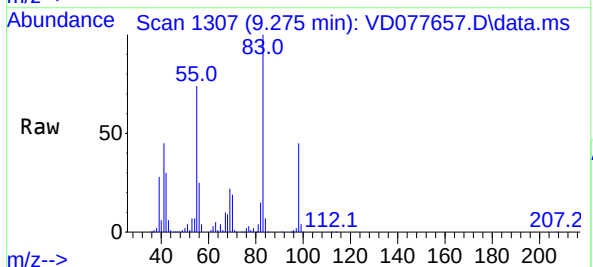


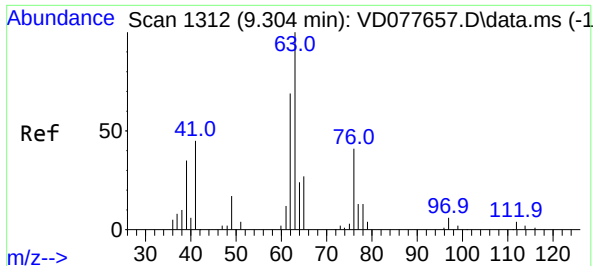
Tgt Ion: 95 Resp: 101948
Ion Ratio Lower Upper
95 100
97 60.2 42.4 78.6
132 94.5 59.4 110.2
130 102.0 62.5 116.1



#35
Methylcyclohexane
Concen: 23.230 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion: 83 Resp: 171281
Ion Ratio Lower Upper
83 100
55 77.6 66.5 99.7
98 47.0 37.4 56.2

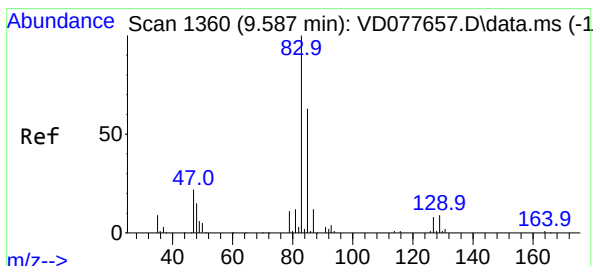
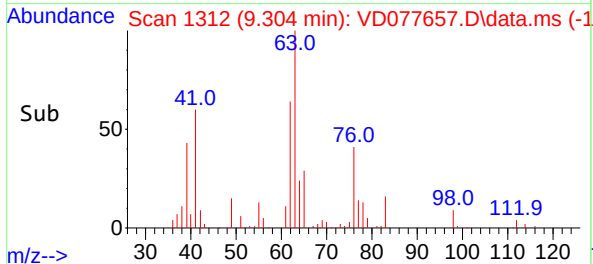
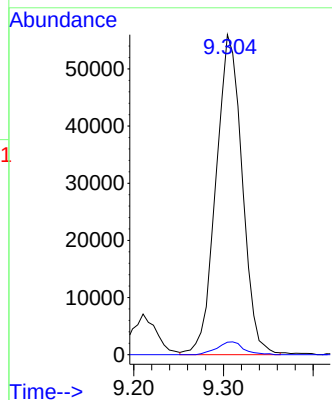
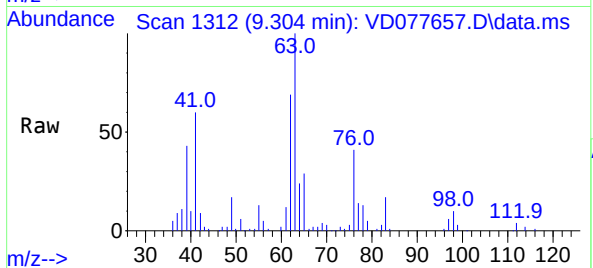




#37
1,2-Dichloropropane
Concen: 24.848 ug/L
RT: 9.304 min Scan# 113903
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

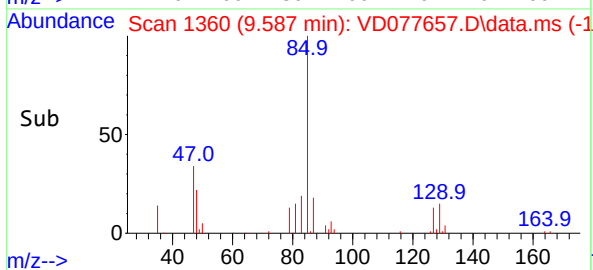
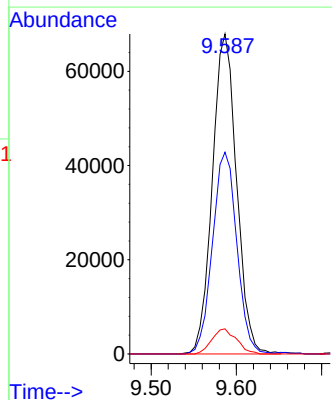
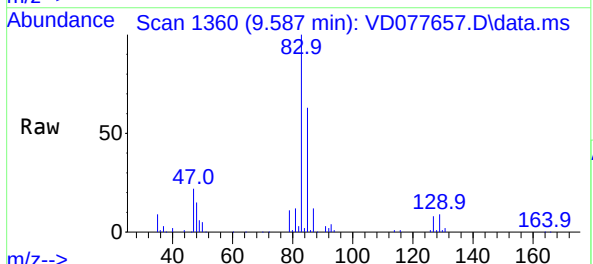
Instrument :
MSVOA_D
ClientSampleId :

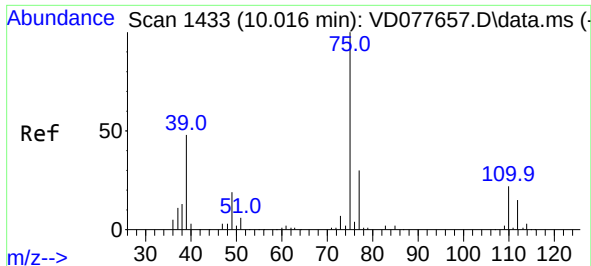
Tgt Ion: 63 Resp: 113903
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8



#38
Bromodichloromethane
Concen: 25.499 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

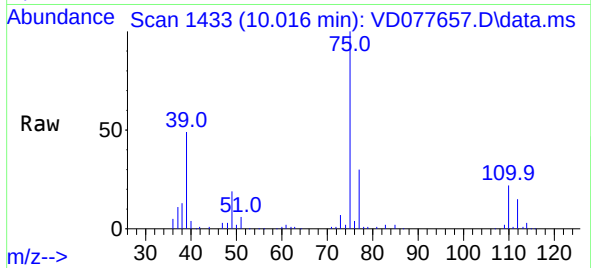
Tgt Ion: 83 Resp: 134072
Ion Ratio Lower Upper
83 100
85 63.1 42.4 78.8
127 7.9 6.4 9.6



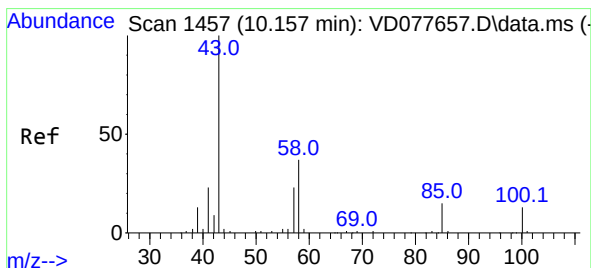
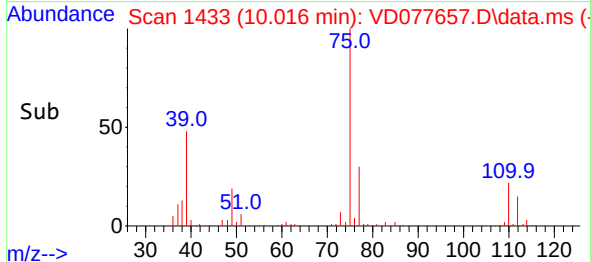
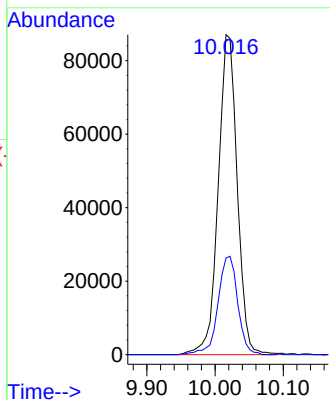


#39
cis-1,3-Dichloropropene
Concen: 24.001 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Instrument :
MSVOA_D
ClientSampleId :

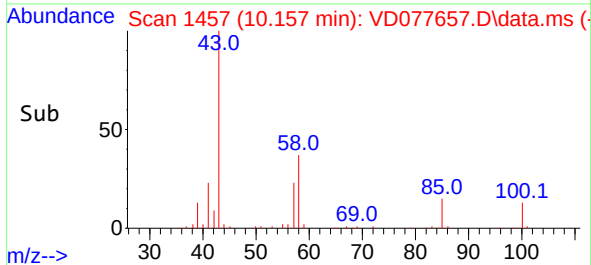
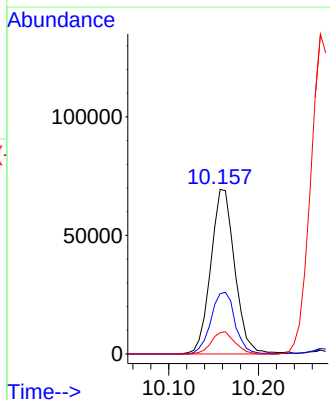
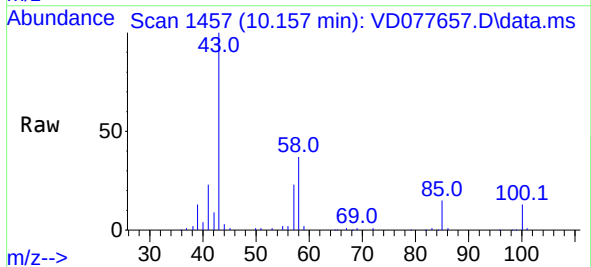


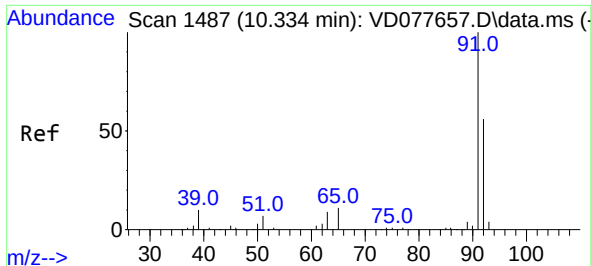
Tgt Ion: 75 Resp: 169066
Ion Ratio Lower Upper
75 100
77 30.2 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 46.206 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion: 43 Resp: 129074
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.8
100 13.0 9.5 14.3

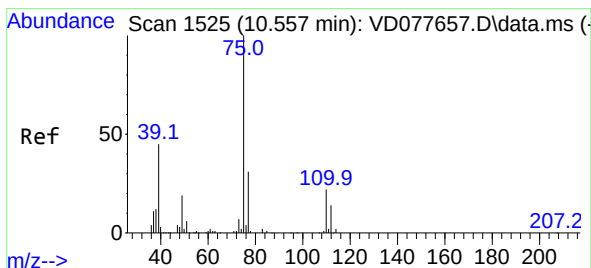
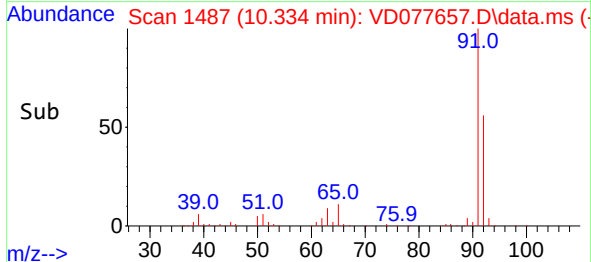
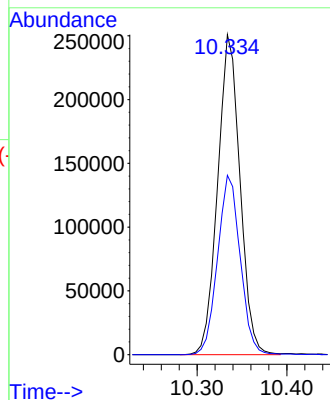
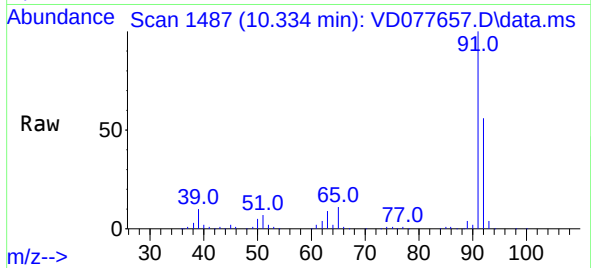




#42
Toluene
Concen: 25.038 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

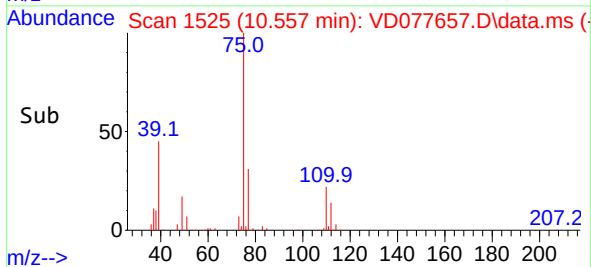
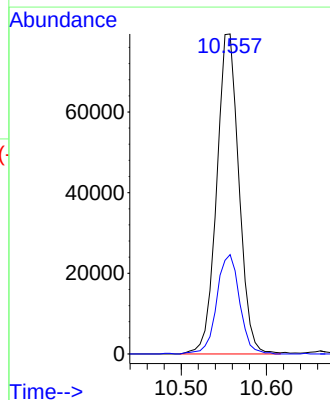
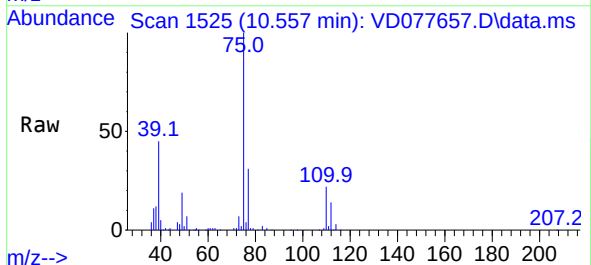
Instrument :
MSVOA_D
ClientSampleId :

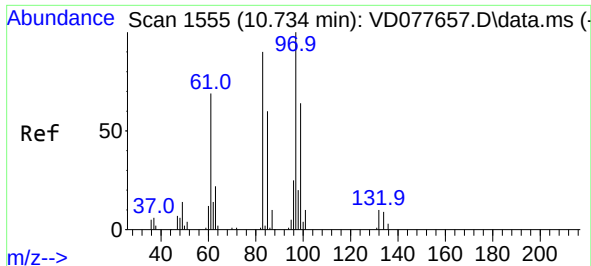
Tgt Ion: 91 Resp: 433469
Ion Ratio Lower Upper
91 100
92 56.1 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 24.723 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

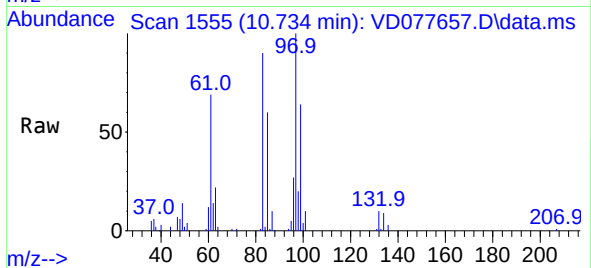
Tgt Ion: 75 Resp: 143897
Ion Ratio Lower Upper
75 100
77 31.1 22.3 41.5





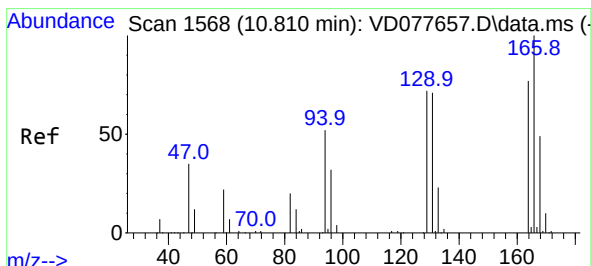
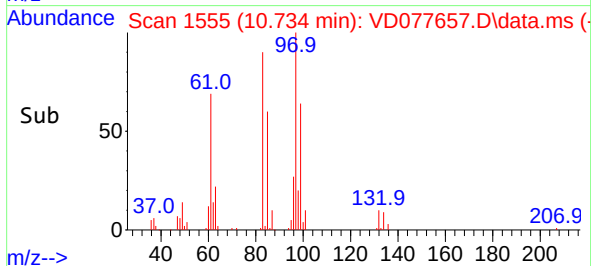
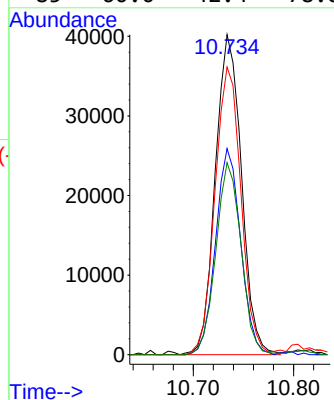
#45
1,1,2-Trichloroethane
Concen: 25.985 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 72812

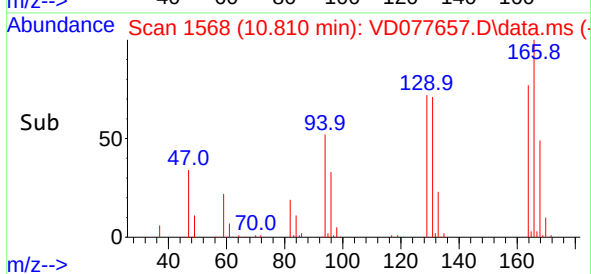
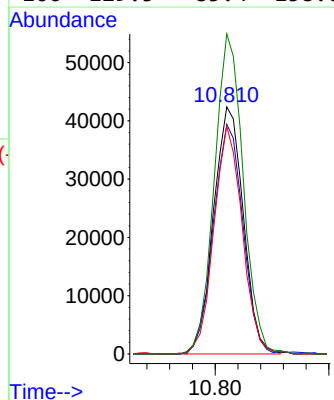
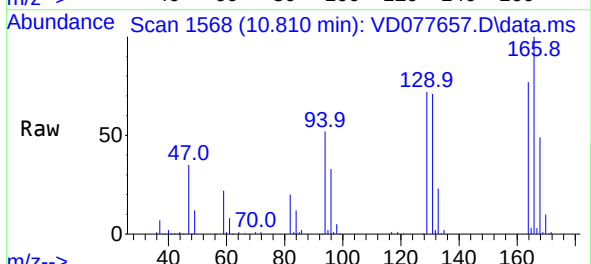
Ion	Ratio	Lower	Upper
97	100		
99	64.4	43.5	80.7
83	89.9	63.1	117.3
85	60.0	42.4	78.8

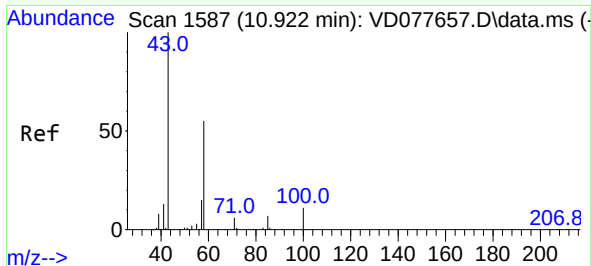


#46
Tetrachloroethene
Concen: 25.703 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion: 164 Resp: 77271

Ion	Ratio	Lower	Upper
164	100		
129	92.9	60.6	112.6
131	92.2	61.6	114.4
166	129.5	85.4	158.6



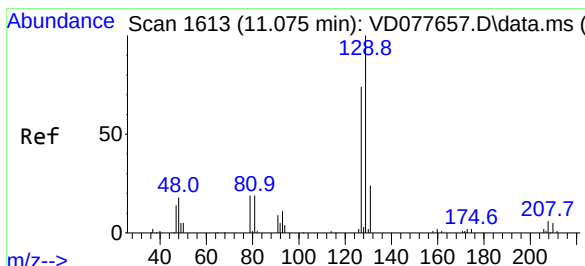
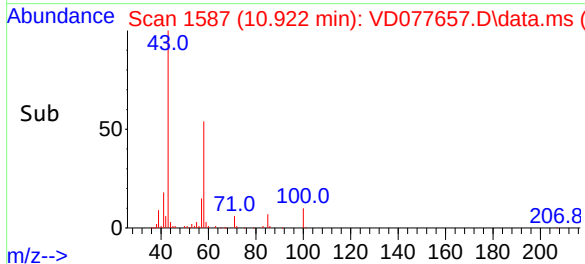
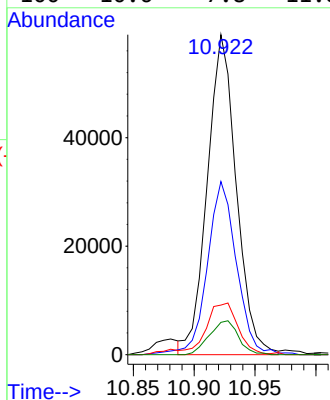
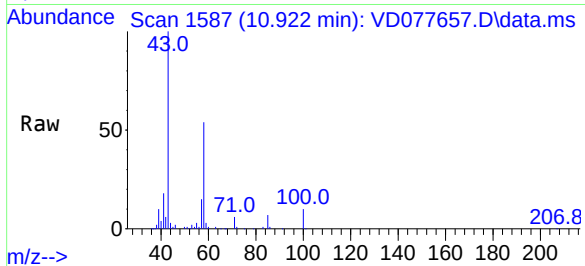


#48
2-Hexanone
Concen: 44.157 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 97772

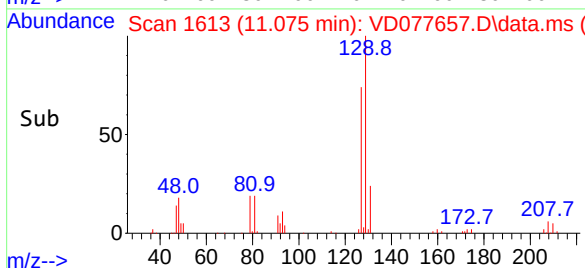
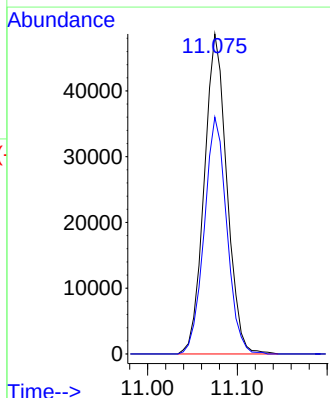
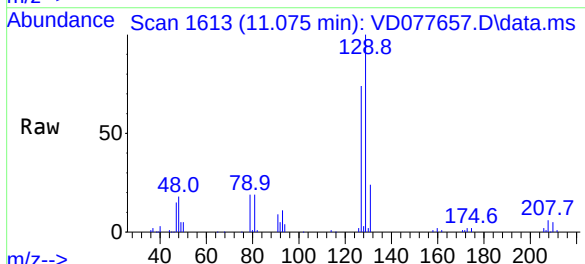
Ion	Ratio	Lower	Upper
43	100		
58	54.4	40.8	61.2
57	17.7	13.7	20.5
100	10.6	7.8	11.8

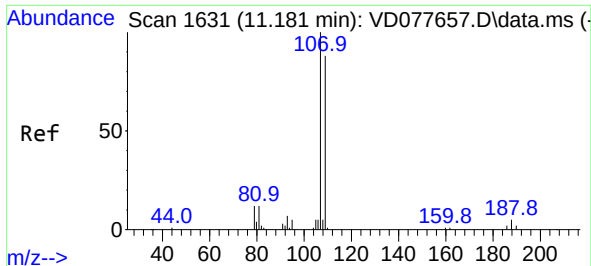


#49
Dibromochloromethane
Concen: 26.796 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion: 129 Resp: 85288

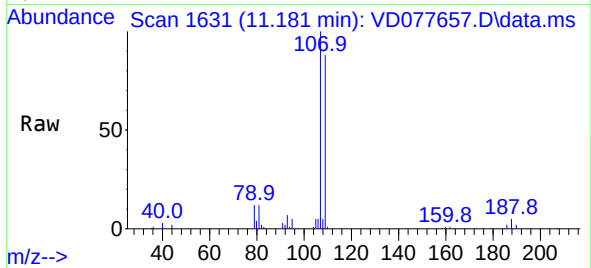
Ion	Ratio	Lower	Upper
129	100		
127	74.0	54.9	102.1



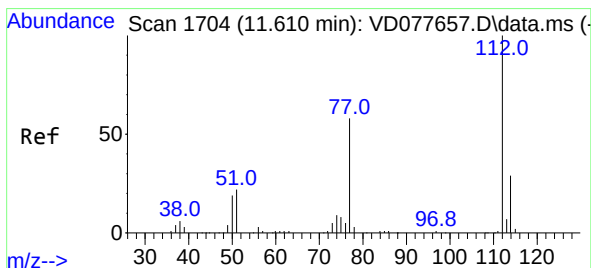
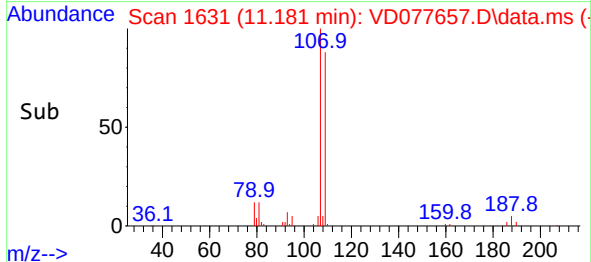
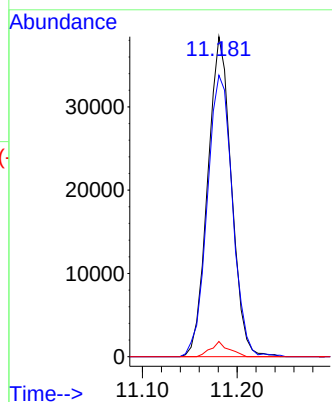


#50
1,2-Dibromoethane
Concen: 24.911 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Instrument :
MSVOA_D
ClientSampleId :

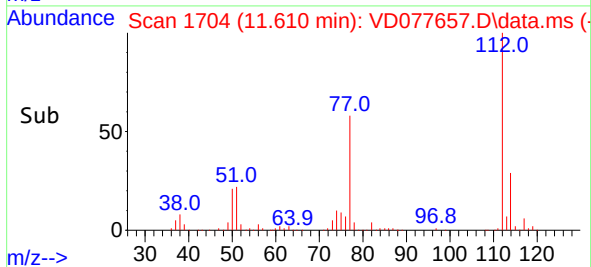
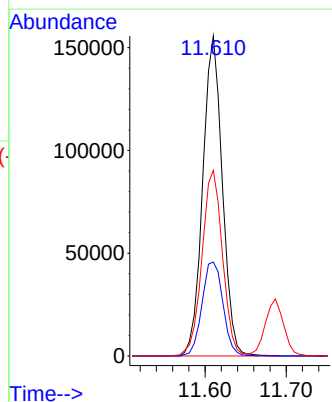
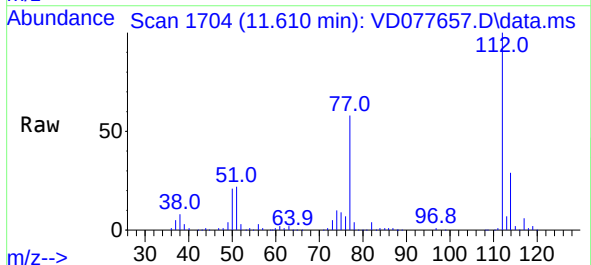


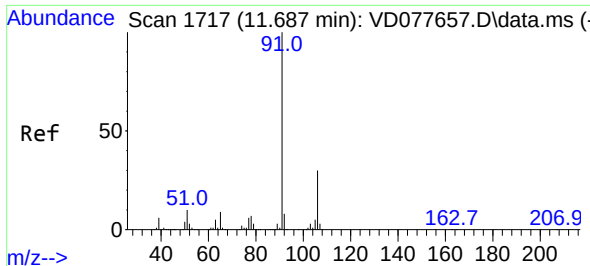
Tgt Ion:107 Resp: 66750
Ion Ratio Lower Upper
107 100
109 87.9 64.8 120.3
188 4.7 3.2 4.8



#51
Chlorobenzene
Concen: 25.728 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion:112 Resp: 260946
Ion Ratio Lower Upper
112 100
114 29.4 22.4 41.6
77 58.0 49.6 74.4

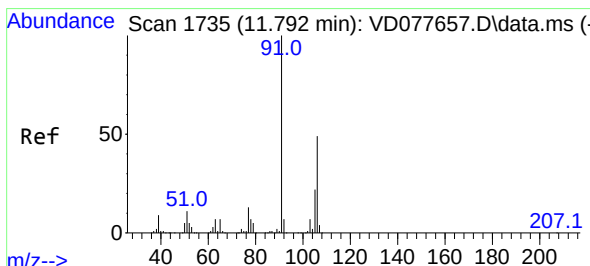
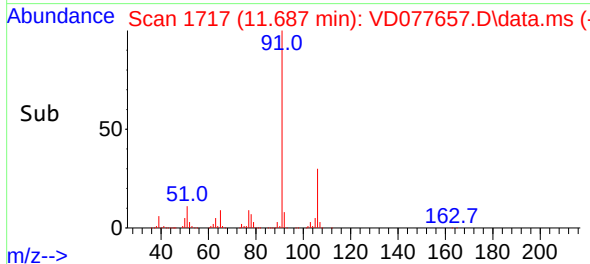
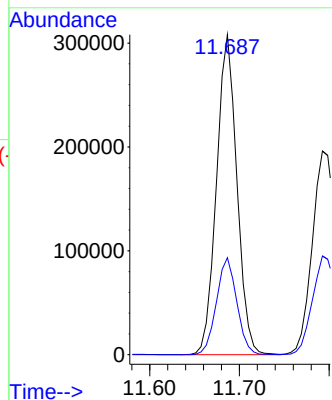
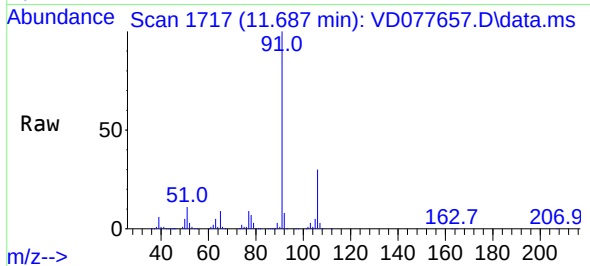




#52
Ethylbenzene
Concen: 25.531 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

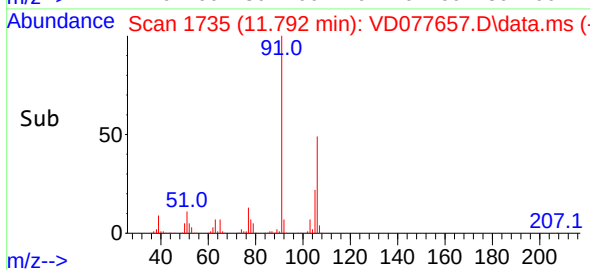
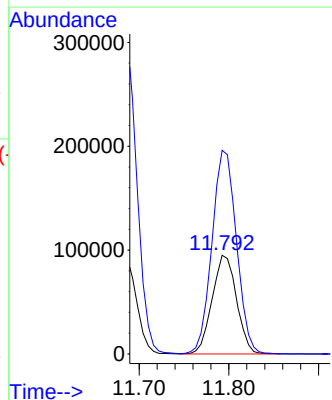
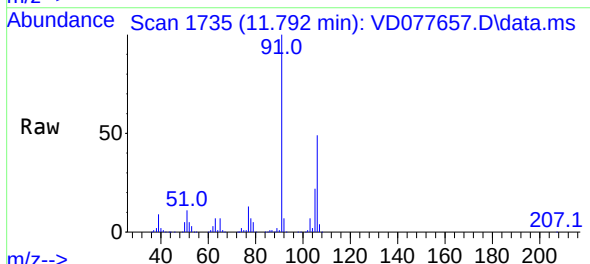
Instrument :
MSVOA_D
ClientSampleId :

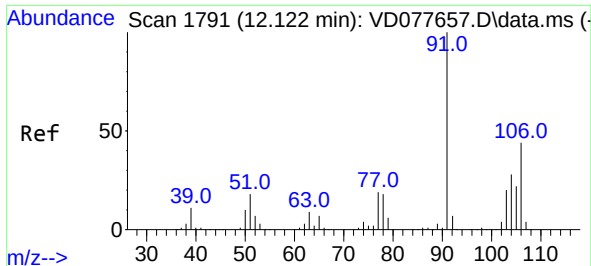
Tgt Ion: 91 Resp: 486340
Ion Ratio Lower Upper
91 100
106 30.3 22.0 40.8



#53
m,p-Xylene
Concen: 25.876 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion: 106 Resp: 179365
Ion Ratio Lower Upper
106 100
91 206.1 146.7 272.4

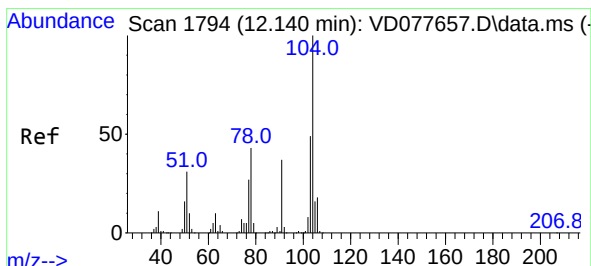
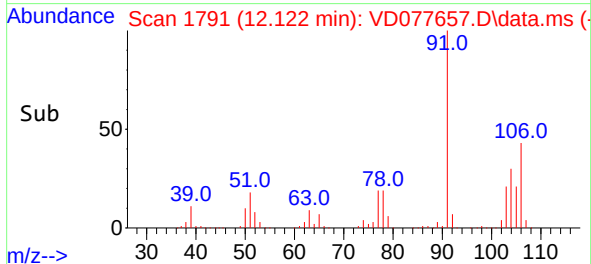
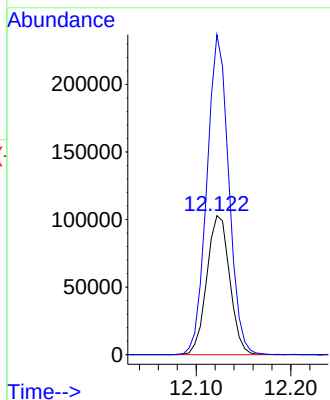
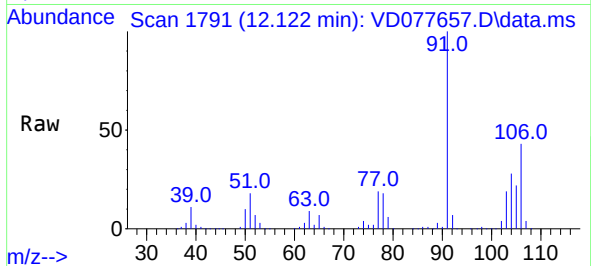




#54
o-Xylene
Concen: 26.059 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

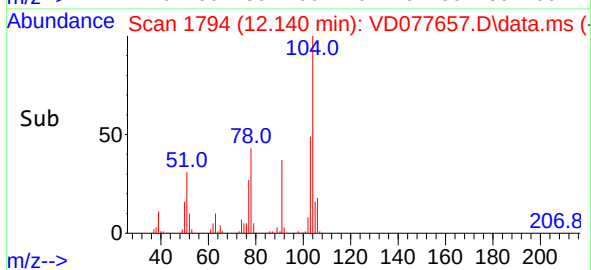
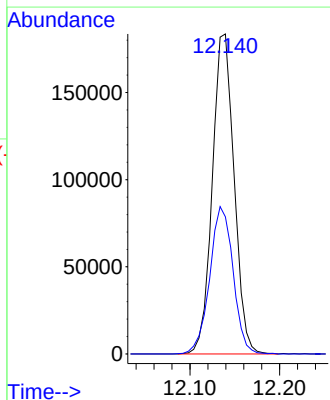
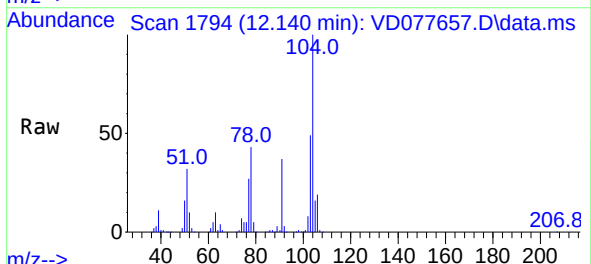
Instrument :
MSVOA_D
ClientSampleId :

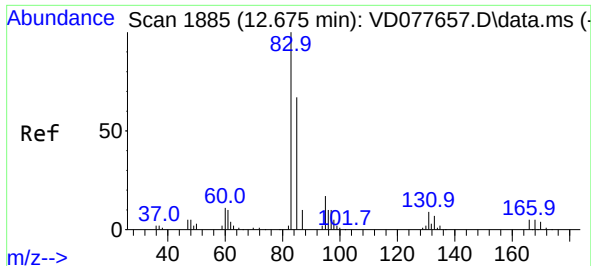
Tgt Ion:106 Resp: 173004
Ion Ratio Lower Upper
106 100
91 230.1 158.5 294.4



#55
Styrene
Concen: 26.724 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion:104 Resp: 309775
Ion Ratio Lower Upper
104 100
78 42.9 34.9 64.9

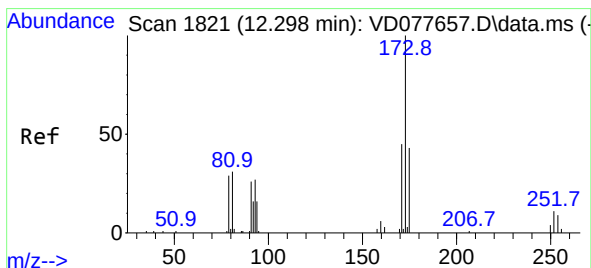
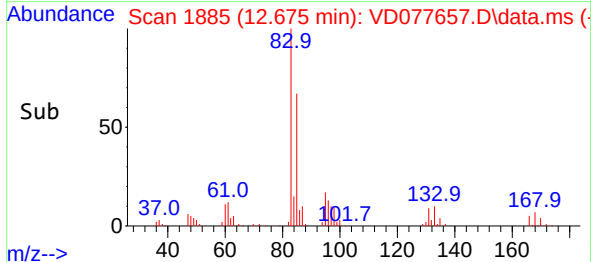
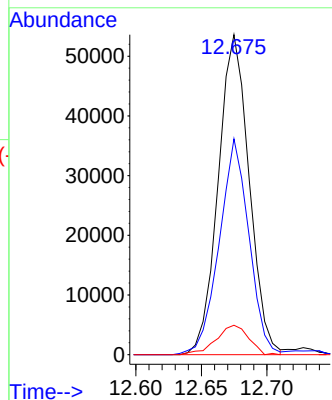
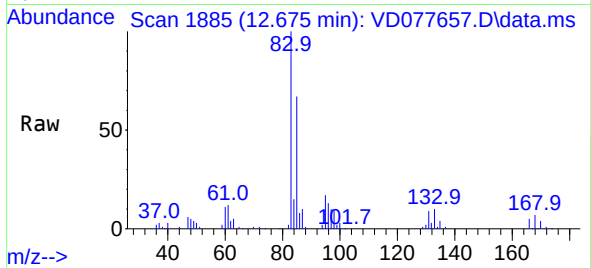




#57
1,1,2,2-Tetrachloroethane
Concen: 26.637 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

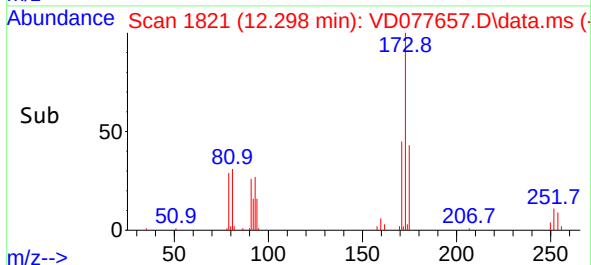
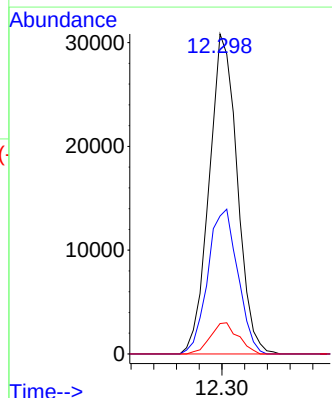
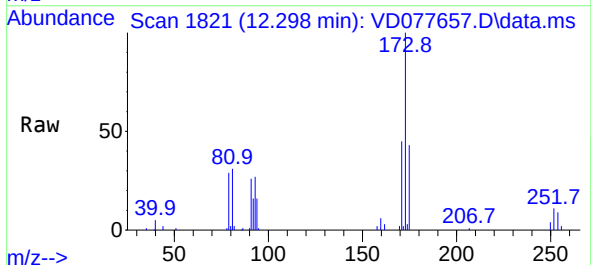
Instrument :
MSVOA_D
ClientSampleId :

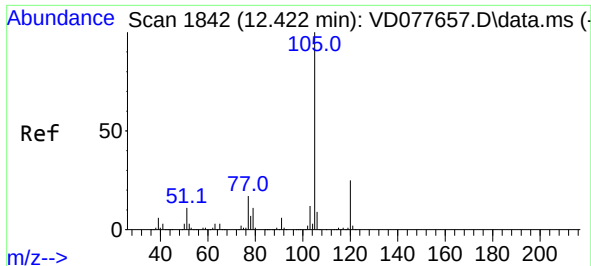
Tgt Ion: 83 Resp: 87927
Ion Ratio Lower Upper
83 100
85 67.4 44.9 83.3
131 9.2 7.2 10.8



#59
Bromoform
Concen: 24.907 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

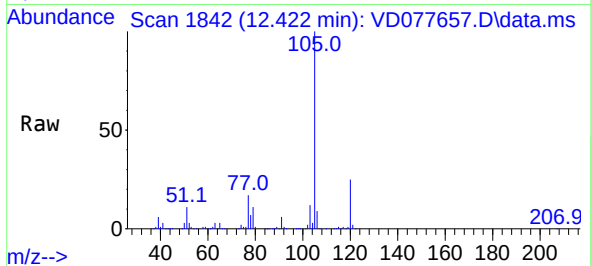
Tgt Ion: 173 Resp: 52844
Ion Ratio Lower Upper
173 100
175 48.3 38.2 57.2
254 9.7 7.1 10.7



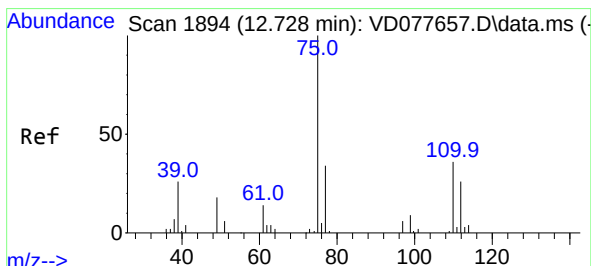
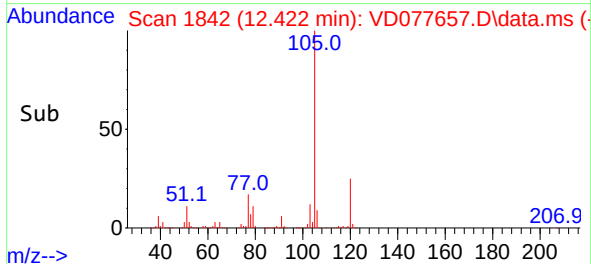
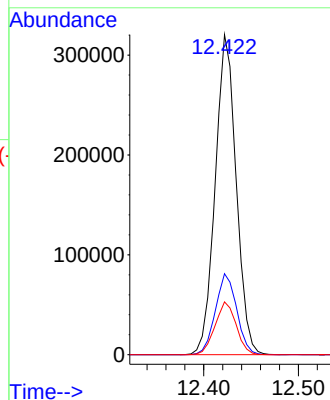


#60
Isopropylbenzene
Concen: 24.515 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Instrument :
MSVOA_D
ClientSampleId :

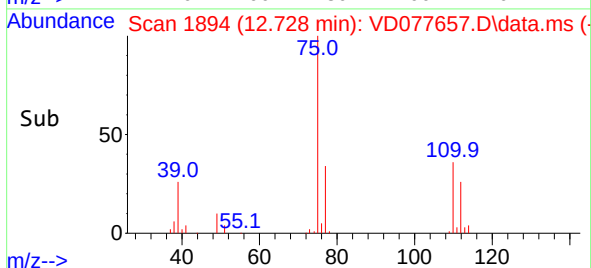
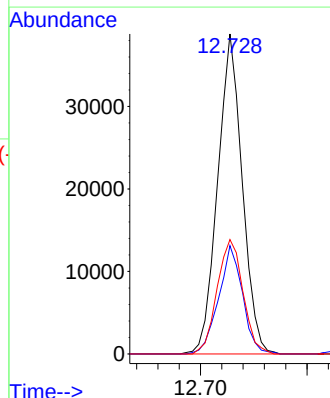
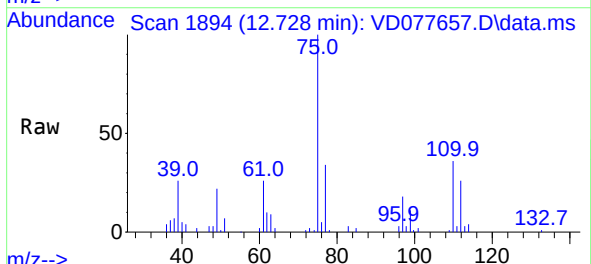


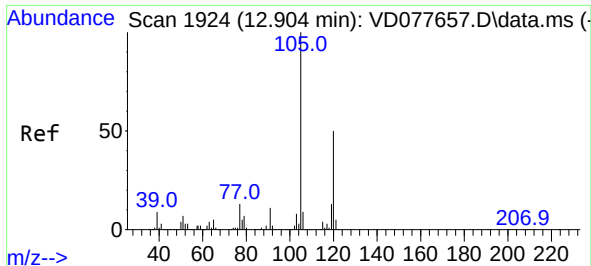
Tgt Ion:105 Resp: 493451
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.4
77 16.7 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 23.386 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion: 75 Resp: 61990
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4
110 37.7 29.6 44.4

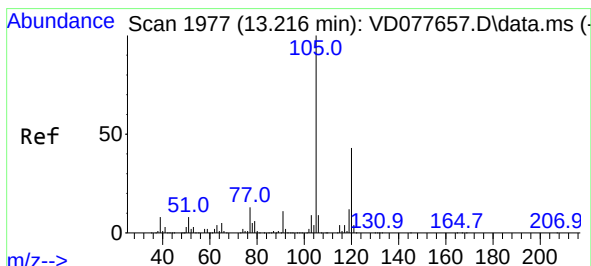
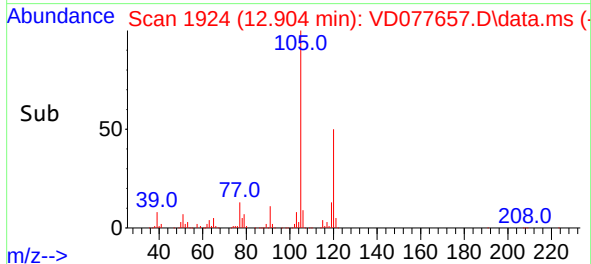
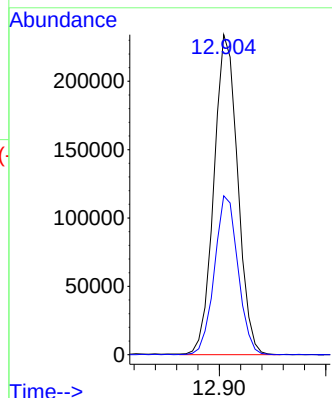
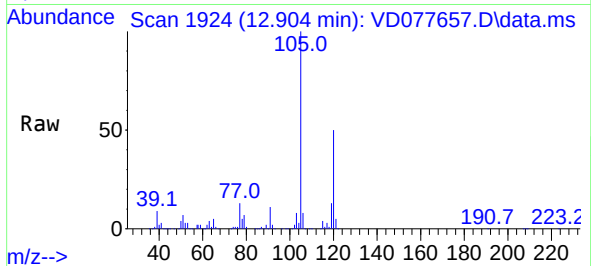




#62
1,3,5-Trimethylbenzene
Concen: 23.716 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

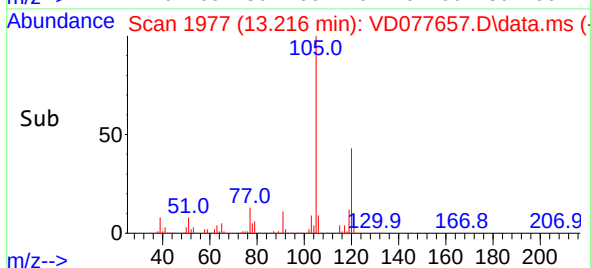
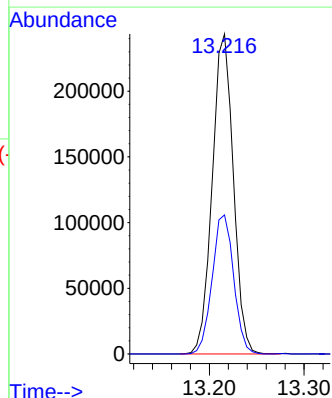
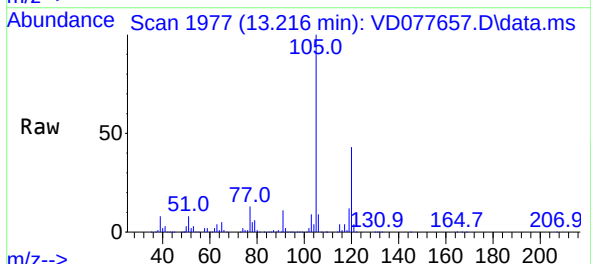
Instrument :
MSVOA_D
ClientSampleId :

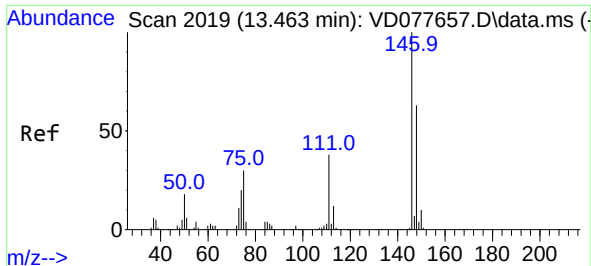
Tgt Ion:105 Resp: 362297
Ion Ratio Lower Upper
105 100
120 49.2 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 24.332 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion:105 Resp: 376539
Ion Ratio Lower Upper
105 100
120 44.3 35.6 53.4

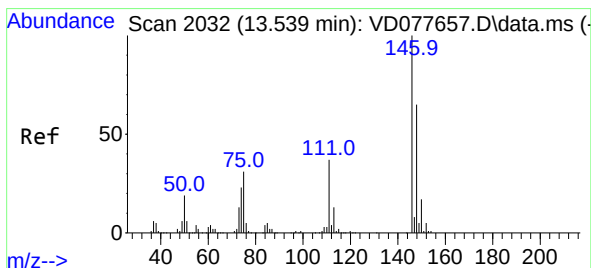
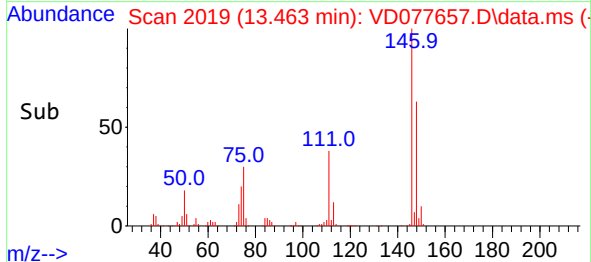
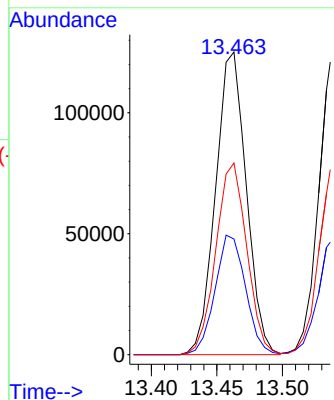
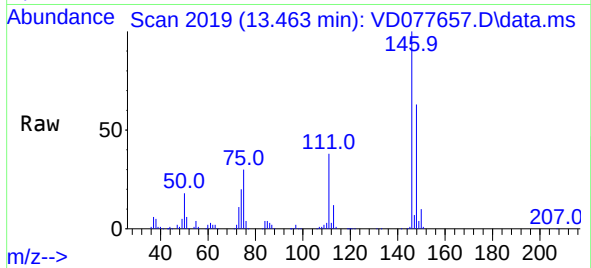




#64
1,3-Dichlorobenzene
Concen: 24.680 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

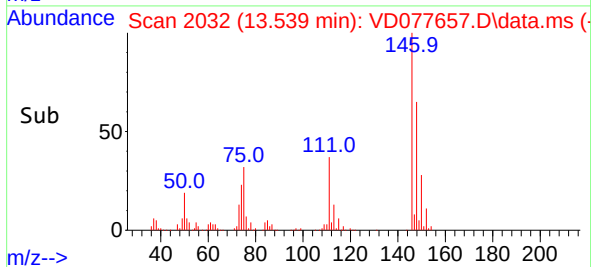
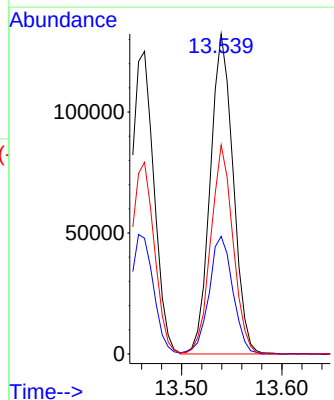
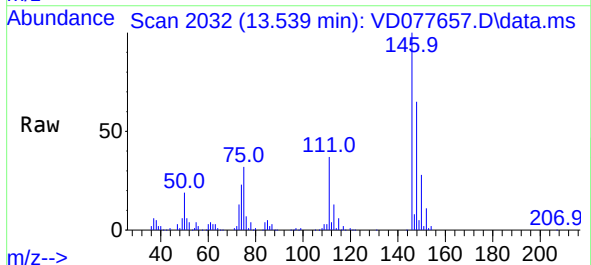
Instrument :
MSVOA_D
ClientSampleId :

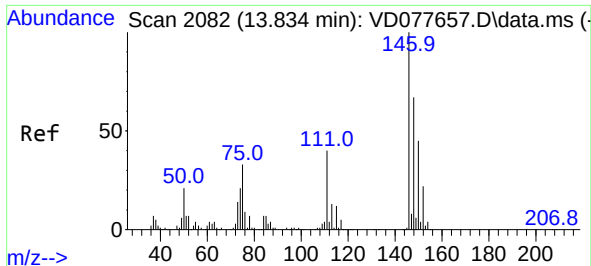
Tgt Ion:146 Resp: 203804
Ion Ratio Lower Upper
146 100
111 38.2 27.2 50.6
148 63.3 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 25.220 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion:146 Resp: 210179
Ion Ratio Lower Upper
146 100
111 36.7 25.6 47.4
148 65.3 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 25.320 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077657.D

Acq: 22 Nov 2023 08:38

Instrument :

MSVOA_D

ClientSampleId :

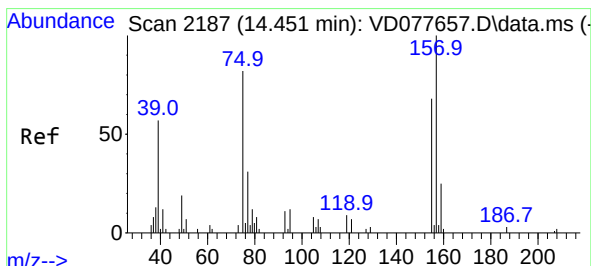
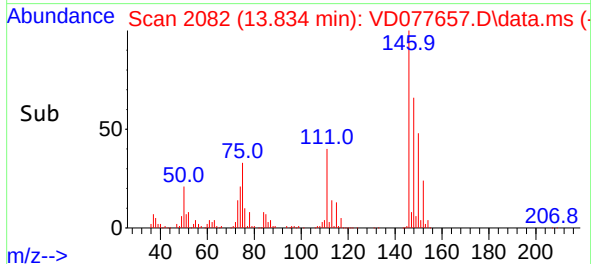
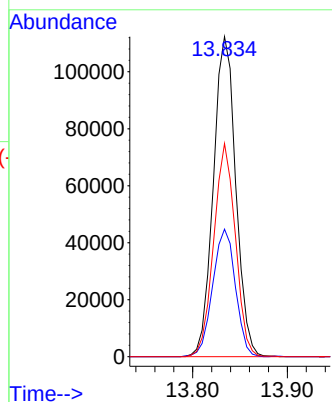
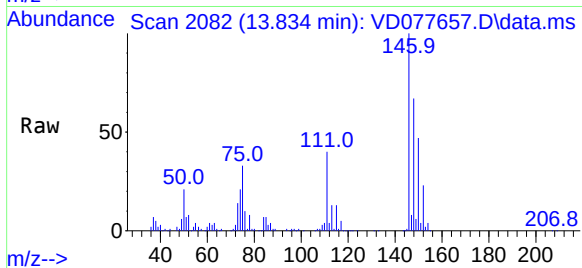
Tgt Ion:146 Resp: 184856

Ion Ratio Lower Upper

146 100

111 39.8 33.8 50.6

148 66.6 54.3 81.5



#68

1,2-Dibromo-3-chloropropane

Concen: 23.076 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD077657.D

Acq: 22 Nov 2023 08:38

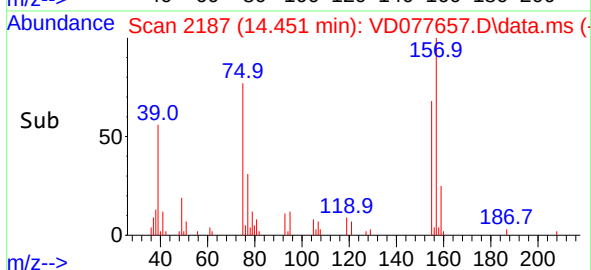
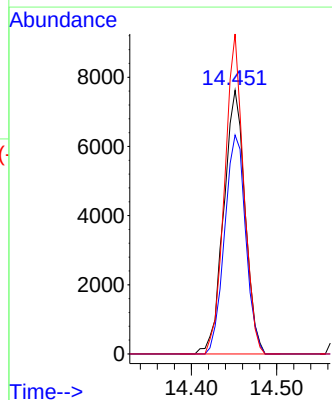
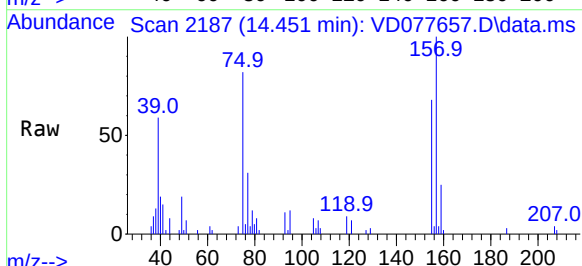
Tgt Ion: 75 Resp: 13305

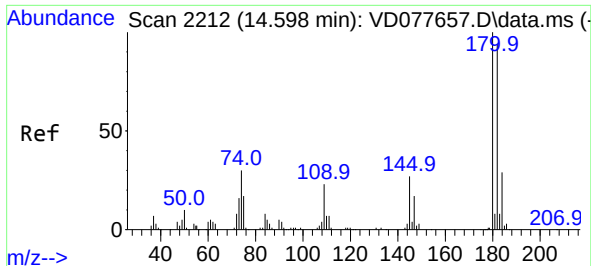
Ion Ratio Lower Upper

75 100

155 83.0 58.2 87.2

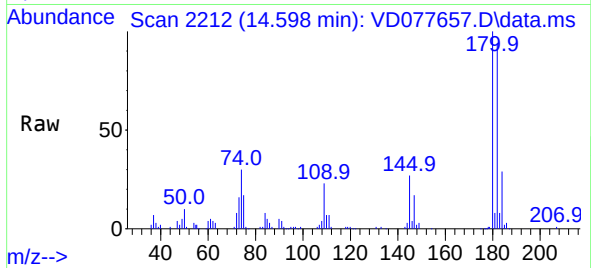
157 121.4 68.7 103.1#



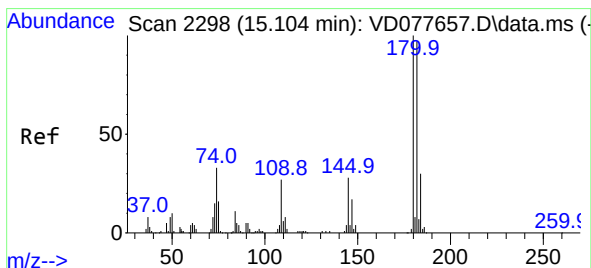
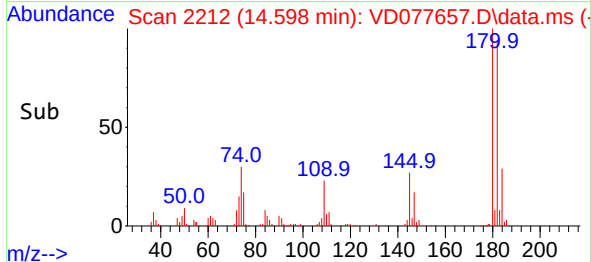
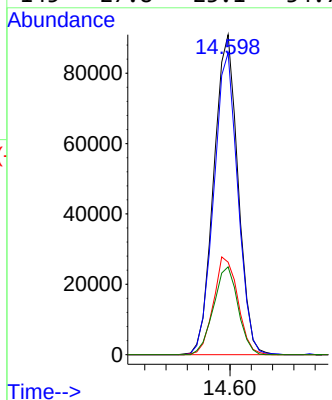


#69
 1,3,5-Trichlorobenzene
 Concen: 25.484 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077657.D
 Acq: 22 Nov 2023 08:38

Instrument :
 MSVOA_D
 ClientSampleId :

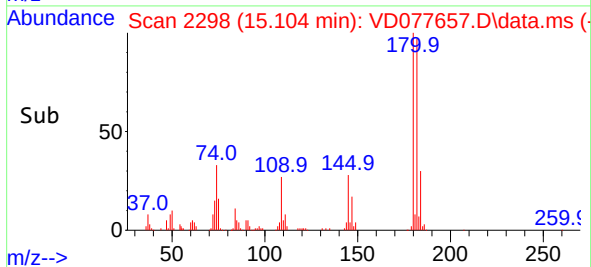
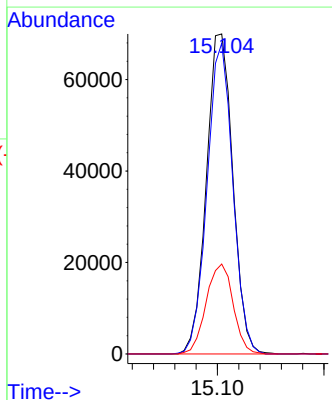
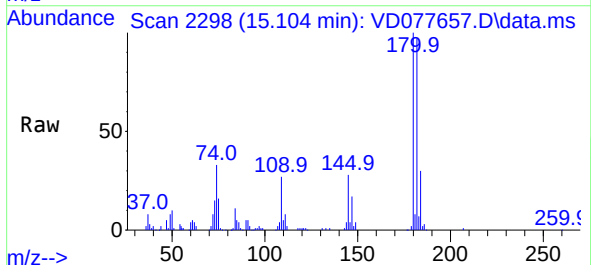


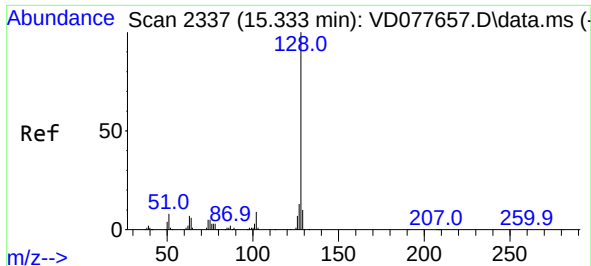
Tgt Ion:180 Resp: 143290
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.1 114.1
 184 30.7 24.0 36.0
 145 27.8 23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 25.460 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD077657.D
 Acq: 22 Nov 2023 08:38

Tgt Ion:180 Resp: 120650
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.8 113.6
 145 28.7 24.1 36.1

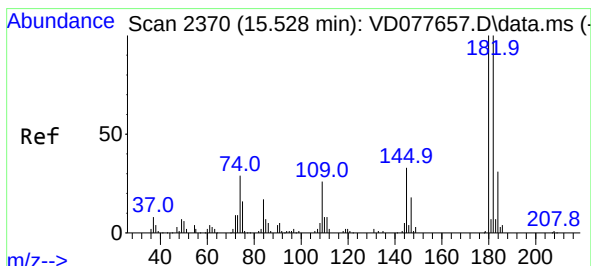
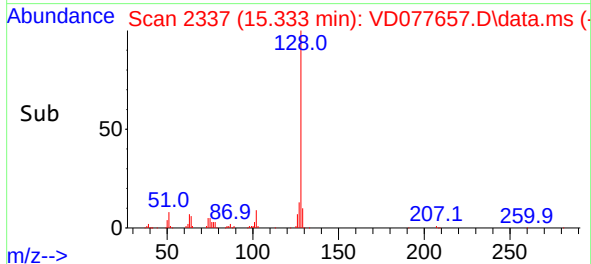
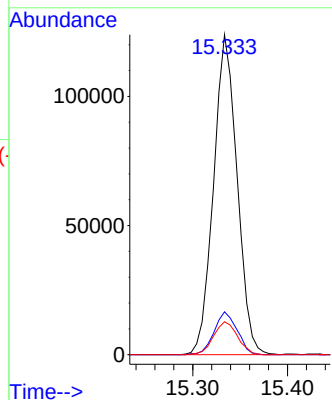
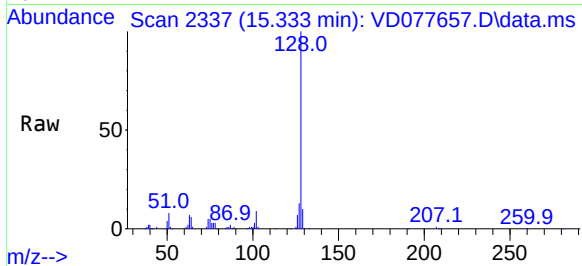




#71
Naphthalene
Concen: 23.951 ug/L
RT: 15.333 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 213909
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.5 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.594 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD077657.D
Acq: 22 Nov 2023 08:38

Tgt Ion:180 Resp: 103414
Ion Ratio Lower Upper
180 100
182 96.3 76.8 115.2
145 31.8 26.0 39.0

