

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077663.D
 Acq On : 22 Nov 2023 11:52
 Operator : JC/SY
 Sample : 05438-08RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 23 00:31:23 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	8.775	114	9774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	8929	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	4047	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	7074	28.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.800%
7) Chloroethane-d5	2.799	69	2427	12.426	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.720%
11) 1,1-Dichloroethene-d2	3.928	65	1238	16.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.400%
21) 2-Butanone-d5	6.993	46	2755	63.999	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.000%
24) Chloroform-d	7.563	84	10777	38.169	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	152.680%#
26) 1,2-Dichloroethane-d4	8.228	65	7091	47.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	188.840%#
32) Benzene-d6	8.199	84	17790	30.698	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.800%
36) 1,2-Dichloropropane-d6	9.210	67	6239	33.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.200%#
41) Toluene-d8	10.269	98	15510	29.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.480%
43) trans-1,3-Dichloroprop...	10.528	79	3146	38.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	154.600%#
47) 2-Hexanone-d5	10.875	63	3776	111.820	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	223.640%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	6718	53.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	214.840%#
66) 1,2-Dichlorobenzene-d4	13.816	152	4645	32.263	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.040%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	2998	19.046	ug/L	93
3) Chloromethane	2.146	50	5334	23.553	ug/L	99
5) Vinyl chloride	2.287	62	5968	23.348	ug/L	96
6) Bromomethane	2.699	94	1997	14.675	ug/L	99
8) Chloroethane	2.846	64	3100	19.508	ug/L #	77
9) Trichlorofluoromethane	3.187	101	5015	21.559	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	2380	16.626	ug/L #	86
12) 1,1-Dichloroethene	3.946	96	2698	19.411	ug/L	73
13) Acetone	4.022	43	6504	143.738	ug/L	66
14) Carbon disulfide	4.281	76	8430	16.844	ug/L	99
15) Methyl Acetate	4.569	43	3669	49.287	ug/L	98
16) Methylene chloride	4.799	84	5546	33.607	ug/L #	67
17) trans-1,2-Dichloroethene	5.322	96	1351	9.240	ug/L	92
18) Methyl tert-butyl Ether	5.305	73	8570	24.974	ug/L #	86
19) 1,1-Dichloroethane	6.116	63	7744	26.398	ug/L	94
20) cis-1,2-Dichloroethene	7.075	96	4220	26.566	ug/L #	67
22) 2-Butanone	7.093	43	6691	122.896	ug/L #	61
23) Bromochloromethane	7.434	128	1018	15.949	ug/L #	80
25) Chloroform	7.593	83	8836	32.788	ug/L	77

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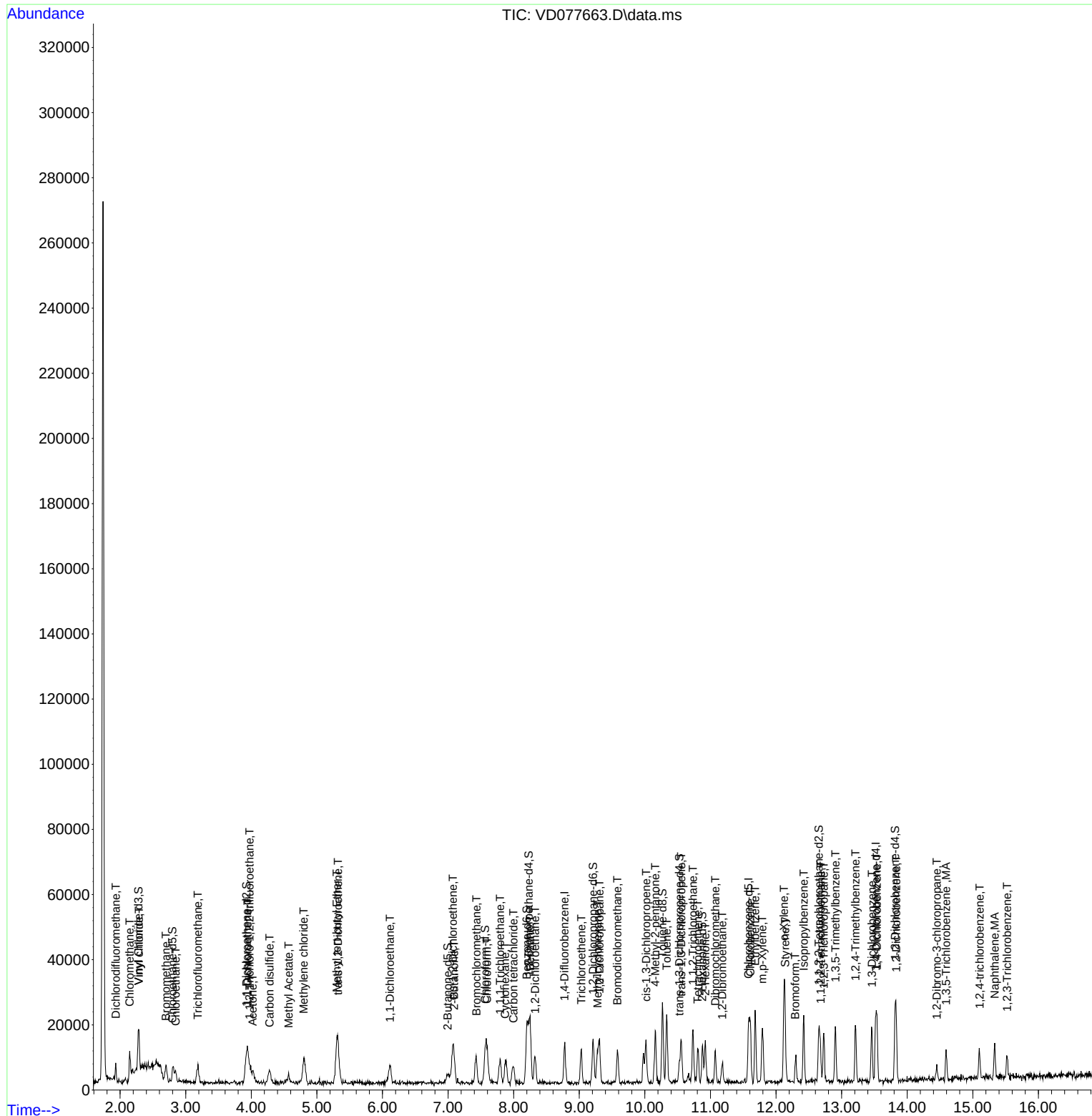
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	6411	35.887	ug/L	97
29) Cyclohexane	7.869	56	2070	7.140	ug/L #	25
30) 1,1,1-Trichloroethane	7.793	97	3252	13.912	ug/L #	45
31) Carbon tetrachloride	7.999	117	1674	8.333	ug/L #	1
33) Benzene	8.251	78	15147	24.463	ug/L	100
34) Trichloroethene	9.034	95	3561	23.209	ug/L	89
35) Methylcyclohexane	9.281	83	2943	10.629	ug/L	91
37) 1,2-Dichloropropane	9.310	63	5281	30.679	ug/L #	88
38) Bromodichloromethane	9.581	83	6556	33.204	ug/L #	95
39) cis-1,3-Dichloropropene	10.022	75	7570	28.619	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	11132	106.122	ug/L	97
42) Toluene	10.334	91	14769	22.718	ug/L	95
44) trans-1,3-Dichloropropene	10.557	75	6730	30.792	ug/L	92
45) 1,1,2-Trichloroethane	10.734	97	4553	43.271	ug/L	92
46) Tetrachloroethene	10.804	164	1415	12.534	ug/L	84
48) 2-Hexanone	10.922	43	7849	94.399	ug/L #	88
49) Dibromochloromethane	11.075	129	4382	36.663	ug/L	96
50) 1,2-Dibromoethane	11.181	107	4639	46.104	ug/L #	90
51) Chlorobenzene	11.610	112	9659	25.361	ug/L	93
52) Ethylbenzene	11.681	91	14298	19.988	ug/L	91
53) m,p-Xylene	11.792	106	5360	20.592	ug/L	67
54) o-Xylene	12.122	106	5206	20.882	ug/L	75
55) Styrene	12.139	104	9617	22.093	ug/L	78
57) 1,1,2,2-Tetrachloroethane	12.681	83	6269	50.575	ug/L	85
59) Bromoform	12.292	173	3461	50.160	ug/L #	95
60) Isopropylbenzene	12.422	105	13244	20.232	ug/L	94
61) 1,2,3-Trichloropropane	12.728	75	4974	57.700	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.904	105	9196	18.510	ug/L	95
63) 1,2,4-Trimethylbenzene	13.210	105	9564	19.004	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	6630	24.688	ug/L	87
65) 1,4-Dichlorobenzene	13.539	146	6876	25.370	ug/L #	81
67) 1,2-Dichlorobenzene	13.834	146	6261	26.370	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	1116	59.517	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.592	180	2528	13.825	ug/L	93
70) 1,2,4-trichlorobenzene	15.104	180	2740	17.779	ug/L #	89
71) Naphthalene	15.333	128	7925	27.286	ug/L	96
72) 1,2,3-Trichlorobenzene	15.522	180	2493	18.972	ug/L #	89

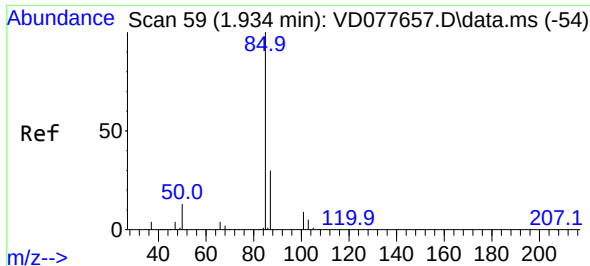
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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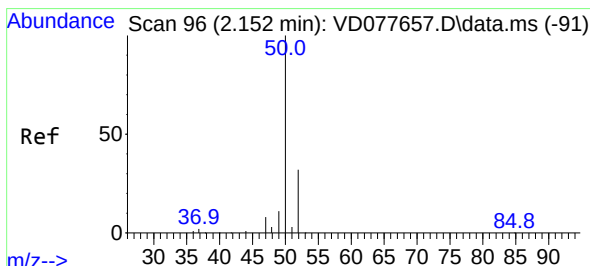
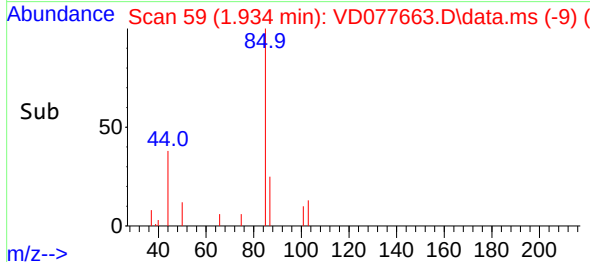
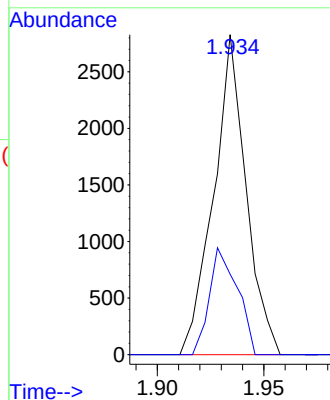
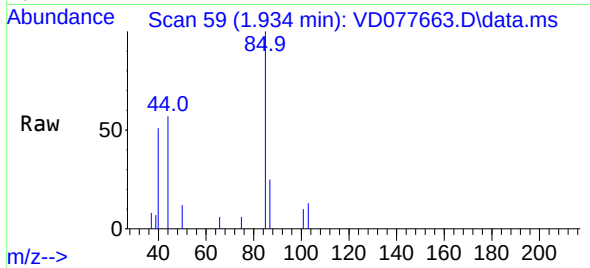




#2
Dichlorodifluoromethane
Concen: 19.046 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

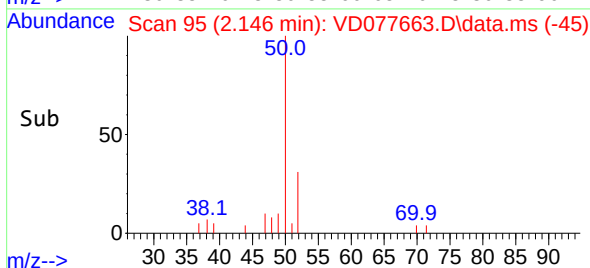
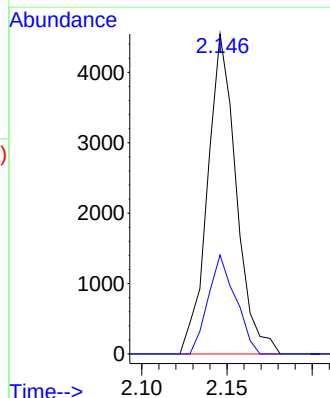
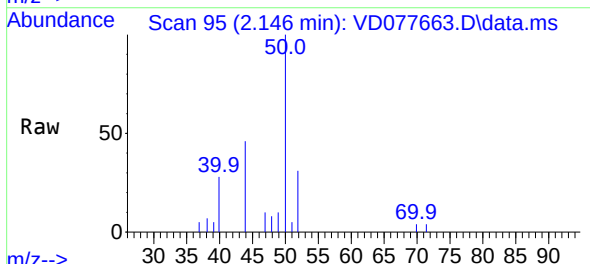
Instrument :
MSVOA_D
ClientSampleId :

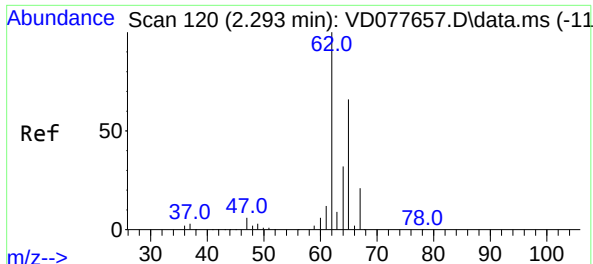
Tgt Ion: 85 Resp: 2998
Ion Ratio Lower Upper
85 100
87 28.8 26.2 39.2



#3
Chloromethane
Concen: 23.553 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion: 50 Resp: 5334
Ion Ratio Lower Upper
50 100
52 30.9 22.1 41.1

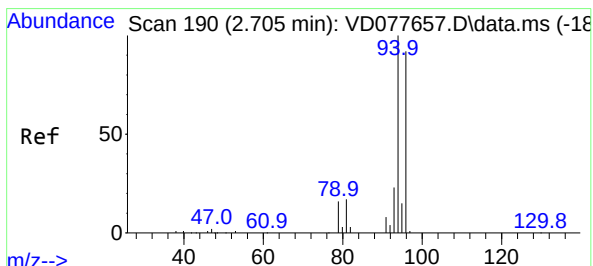
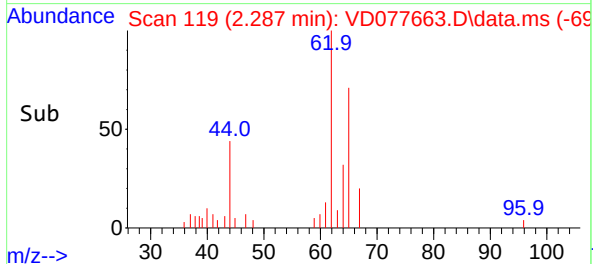
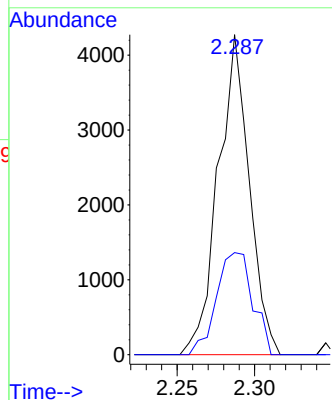
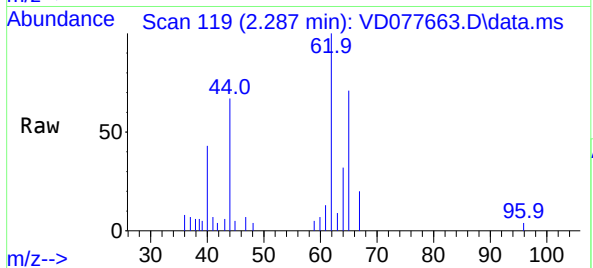




#5
 Vinyl chloride
 Concen: 23.348 ug/L
 RT: 2.287 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077663.D
 Acq: 22 Nov 2023 11:52

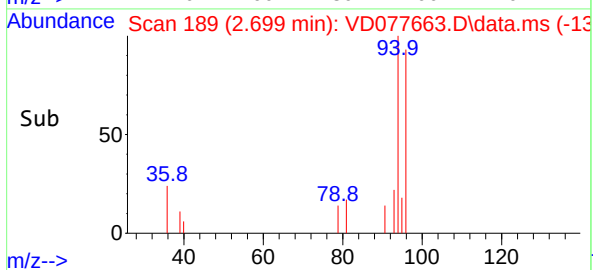
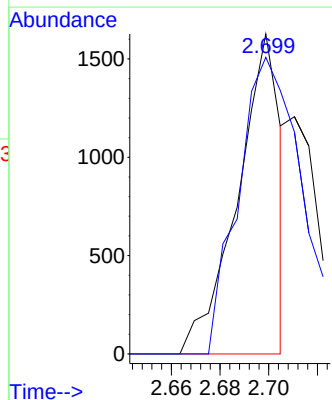
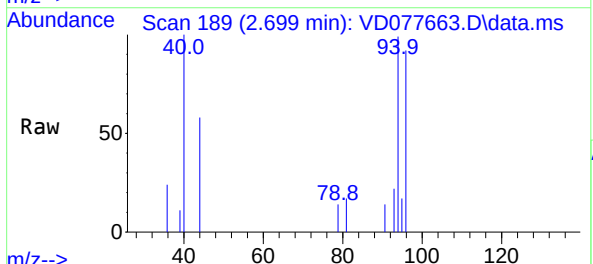
Instrument :
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 ClientSampleId :

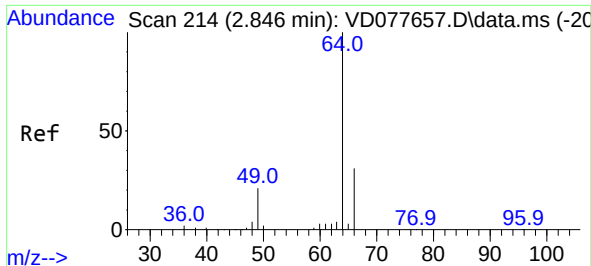
Tgt Ion: 62 Resp: 5968
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.9 44.5



#6
 Bromomethane
 Concen: 14.675 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.006 min
 Lab File: VD077663.D
 Acq: 22 Nov 2023 11:52

Tgt Ion: 94 Resp: 1997
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.5 119.9

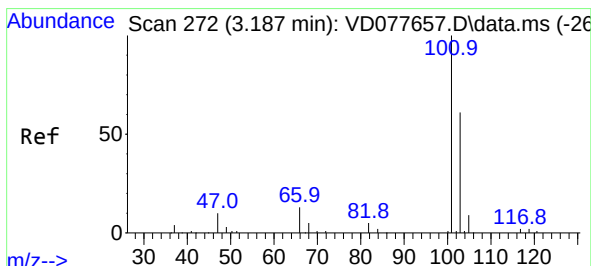
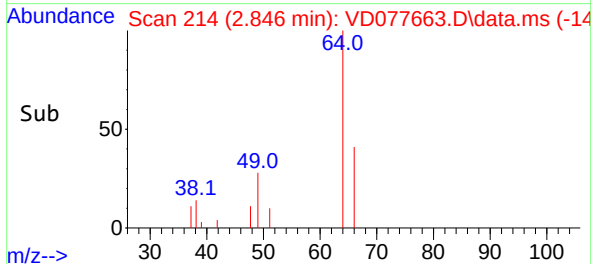
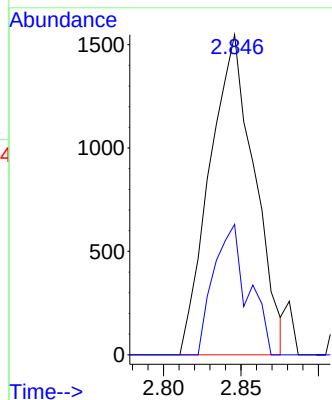
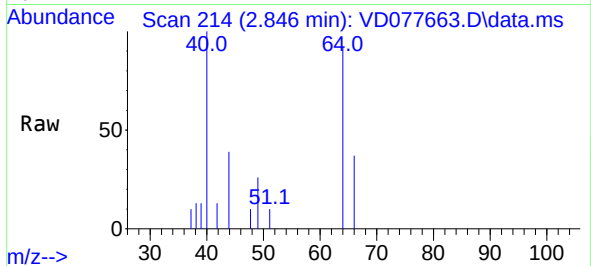




#8
Chloroethane
Concen: 19.508 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

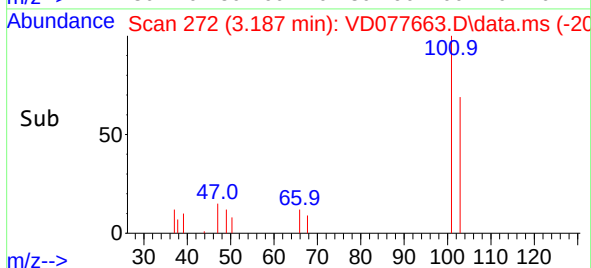
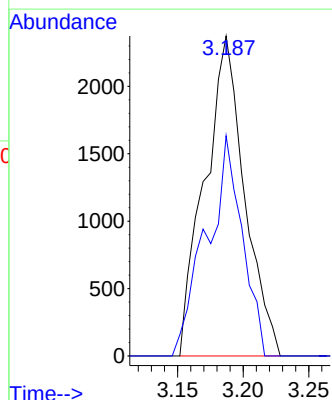
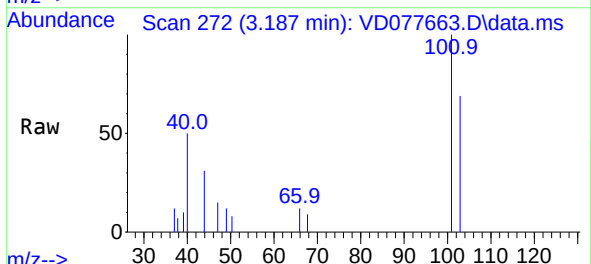
Instrument :
MSVOA_D
ClientSampleId :

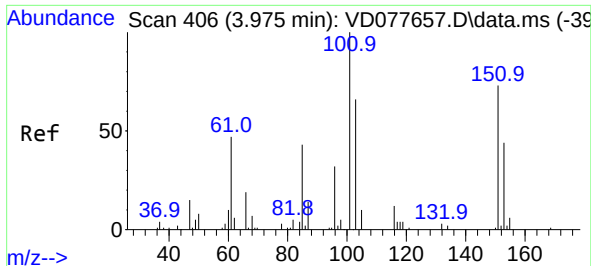
Tgt Ion: 64 Resp: 3100
Ion Ratio Lower Upper
64 100
66 40.7 19.8 36.8#



#9
Trichlorofluoromethane
Concen: 21.559 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion:101 Resp: 5015
Ion Ratio Lower Upper
101 100
103 40.4 51.9 77.9#

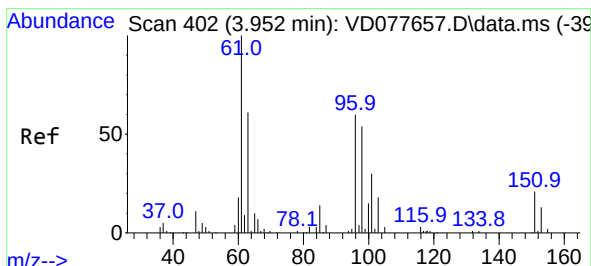
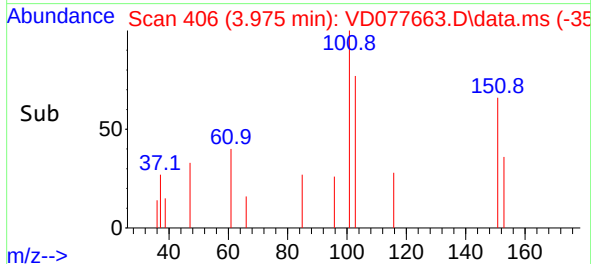
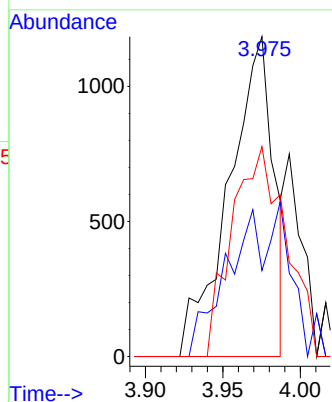
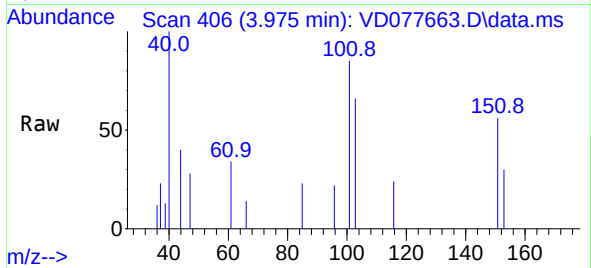




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 16.626 ug/L
RT: 3.975 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD077663.D
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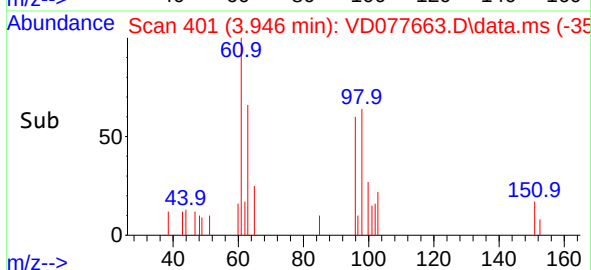
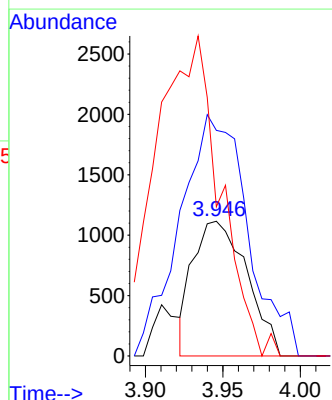
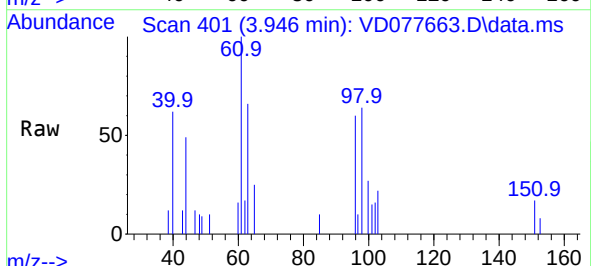
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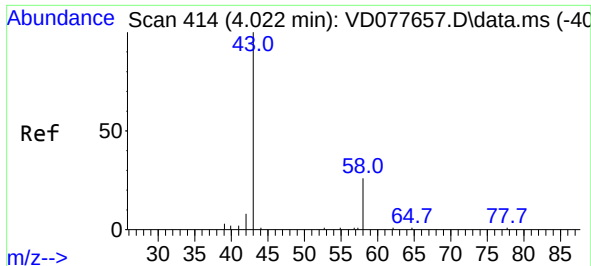
Tgt Ion:101 Resp: 2380
Ion Ratio Lower Upper
101 100
85 32.1 36.8 55.2#
151 79.0 56.6 84.8



#12
1,1-Dichloroethene
Concen: 19.411 ug/L
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion: 96 Resp: 2698
Ion Ratio Lower Upper
96 100
61 143.0 127.5 236.9
63 94.6 86.4 160.4





#13

Acetone

Concen: 143.738 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD077663.D

Acq: 22 Nov 2023 11:52

Instrument :

MSVOA_D

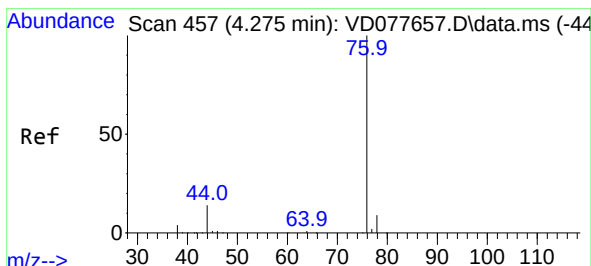
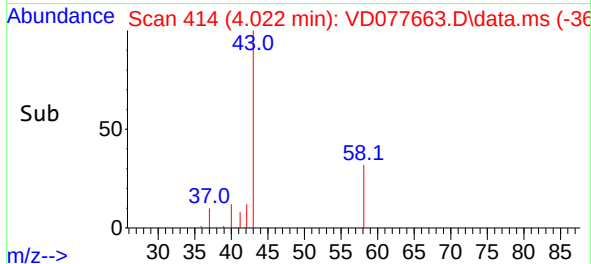
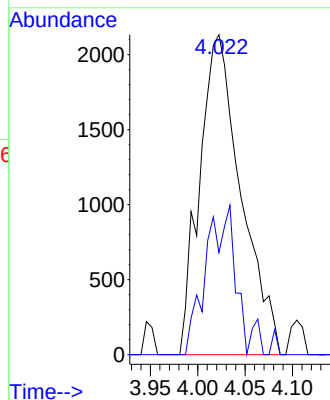
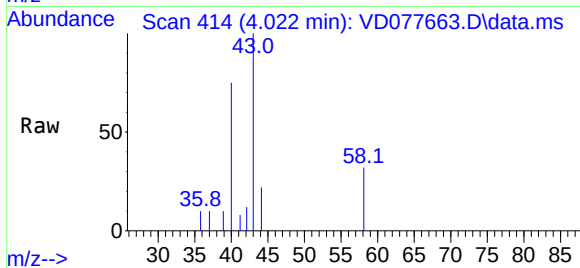
ClientSampleId :

Tgt Ion: 43 Resp: 6504

Ion Ratio Lower Upper

43 100

58 12.8 0.0 64.0



#14

Carbon disulfide

Concen: 16.844 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.000 min

Lab File: VD077663.D

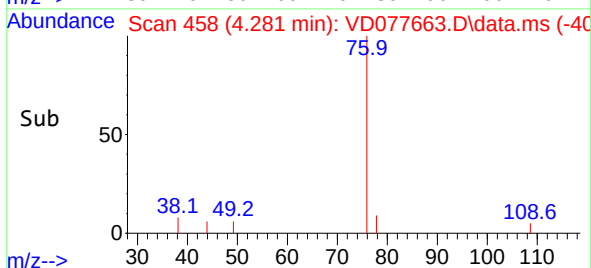
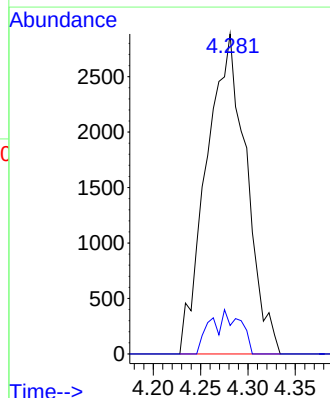
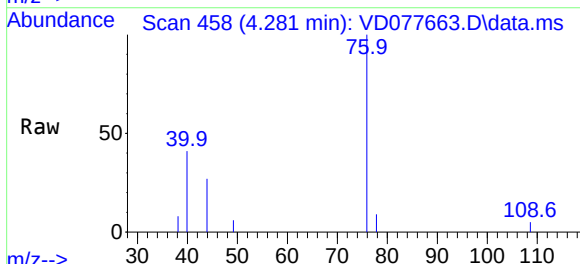
Acq: 22 Nov 2023 11:52

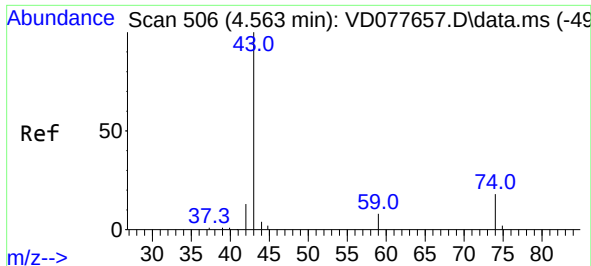
Tgt Ion: 76 Resp: 8430

Ion Ratio Lower Upper

76 100

78 8.9 6.9 10.3

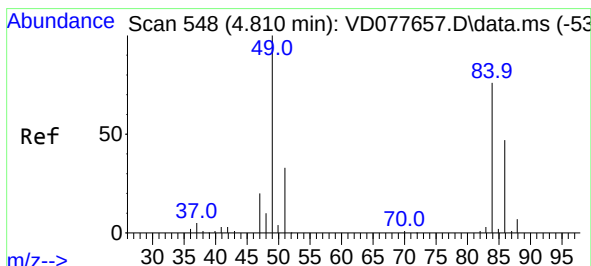
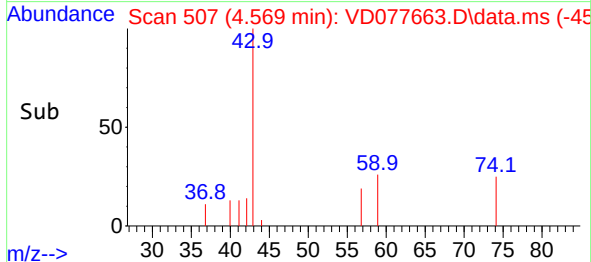
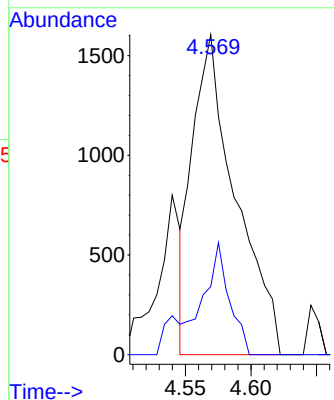
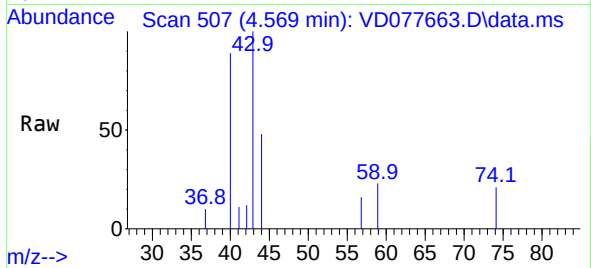




#15
Methyl Acetate
Concen: 49.287 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

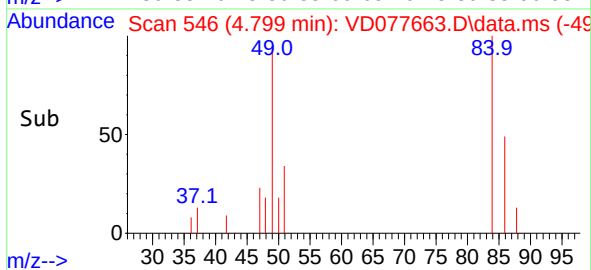
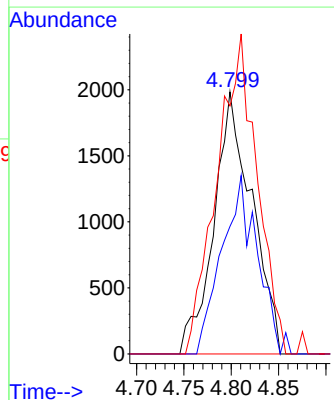
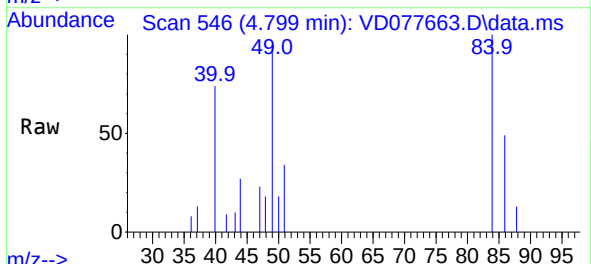
Instrument :
MSVOA_D
ClientSampleId :

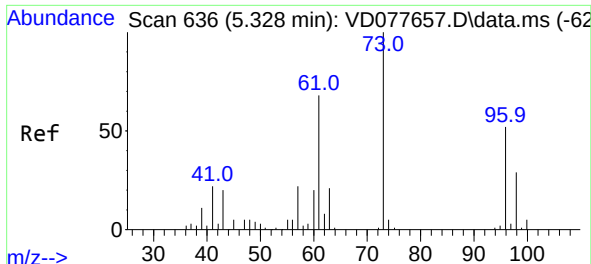
Tgt Ion: 43 Resp: 3669
Ion Ratio Lower Upper
43 100
74 19.7 16.6 24.8



#16
Methylene chloride
Concen: 33.607 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion: 84 Resp: 5546
Ion Ratio Lower Upper
84 100
86 48.7 46.5 86.5
49 94.7 98.3 182.7#

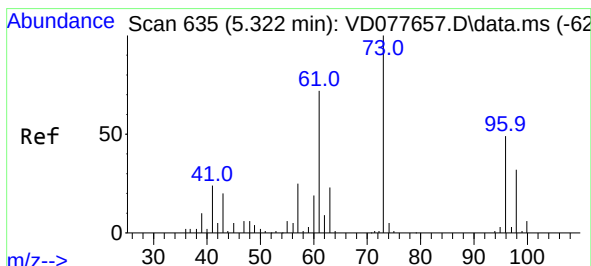
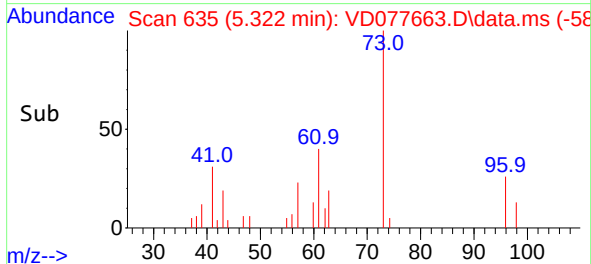
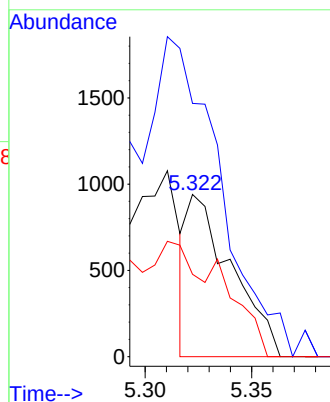
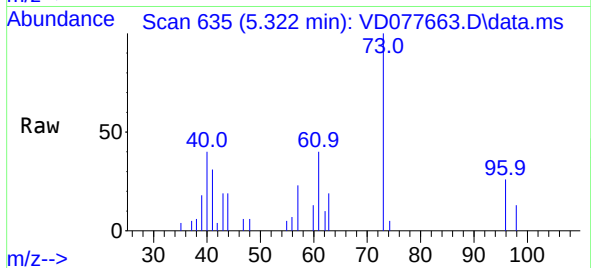




#17
trans-1,2-Dichloroethene
Concen: 9.240 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

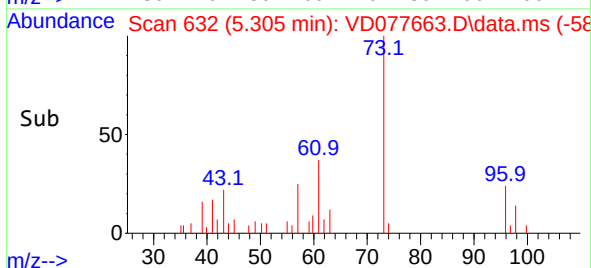
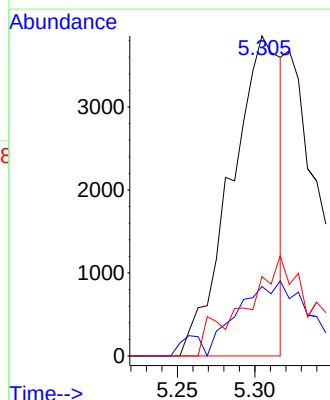
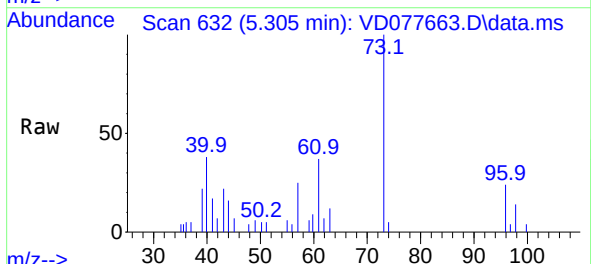
Instrument :
MSVOA_D
ClientSampleId :

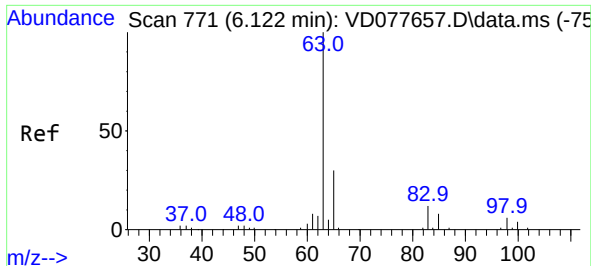
Tgt Ion: 96 Resp: 1351
Ion Ratio Lower Upper
96 100
61 156.2 104.0 193.2
98 50.7 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 24.974 ug/L
RT: 5.305 min Scan# 632
Delta R.T. -0.023 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion: 73 Resp: 8570
Ion Ratio Lower Upper
73 100
43 31.9 16.4 24.6#
57 22.0 19.3 28.9





#19

1,1-Dichloroethane

Concen: 26.398 ug/L

RT: 6.116 min Scan# 71

Delta R.T. -0.006 min

Lab File: VD077663.D

Acq: 22 Nov 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

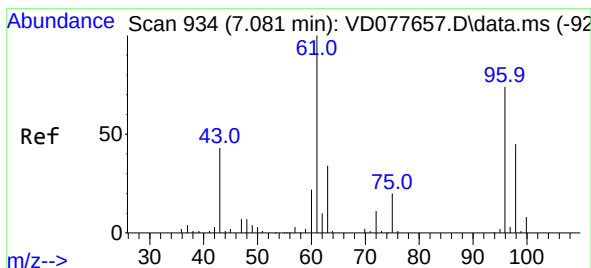
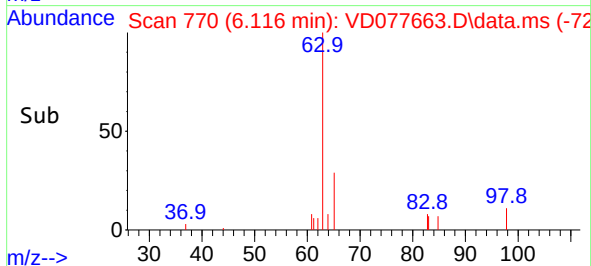
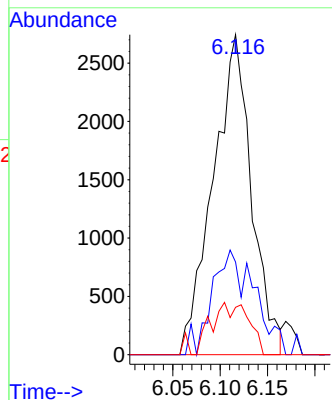
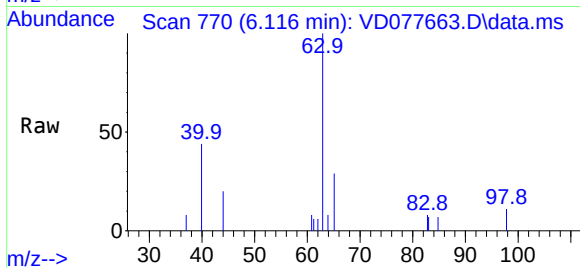
Tgt Ion: 63 Resp: 7744

Ion Ratio Lower Upper

63 100

65 28.9 22.6 42.0

83 14.8 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 26.566 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.012 min

Lab File: VD077663.D

Acq: 22 Nov 2023 11:52

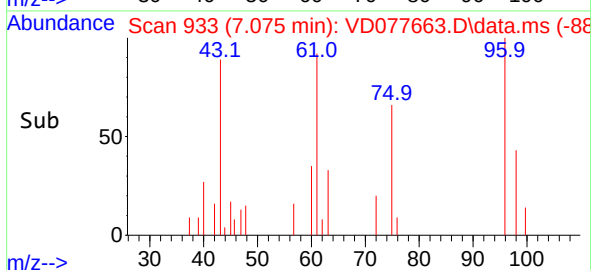
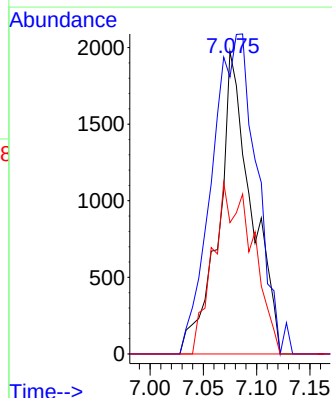
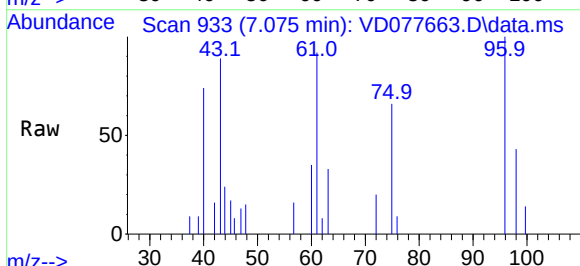
Tgt Ion: 96 Resp: 4220

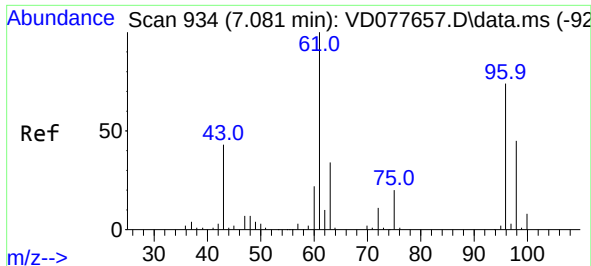
Ion Ratio Lower Upper

96 100

61 91.5 95.0 176.4#

98 43.4 43.1 80.1

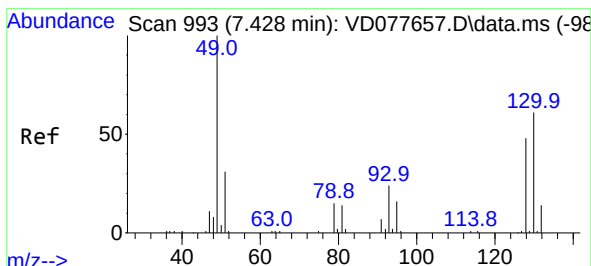
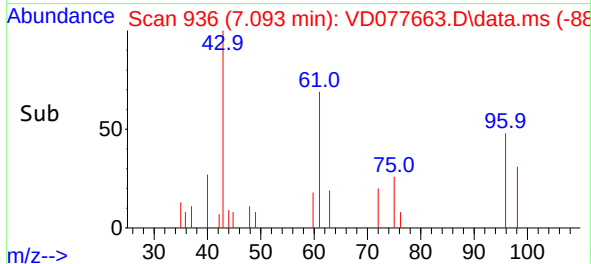
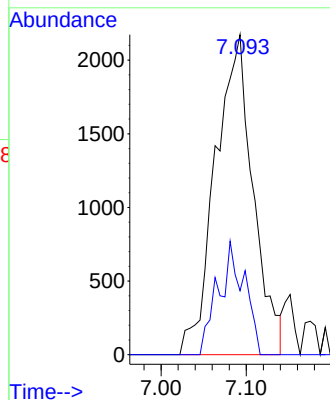
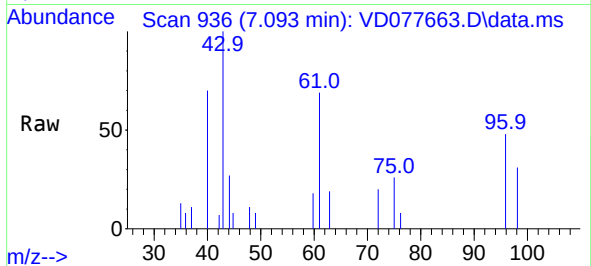




#22
2-Butanone
Concen: 122.896 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

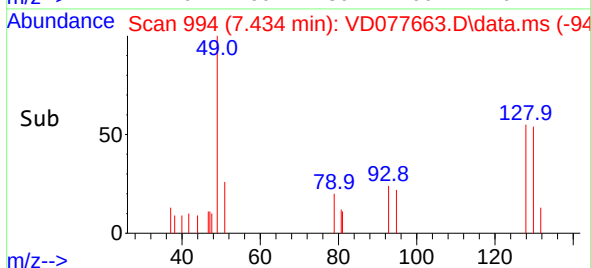
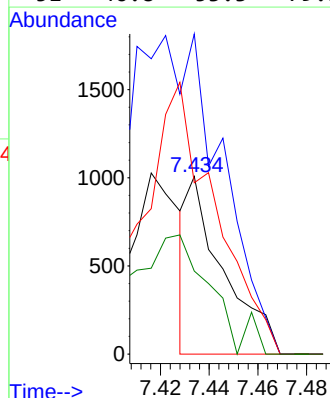
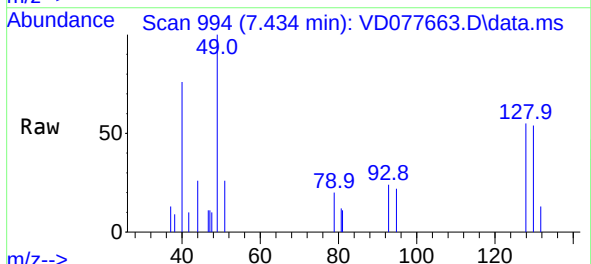
Instrument :
MSVOA_D
ClientSampleId :

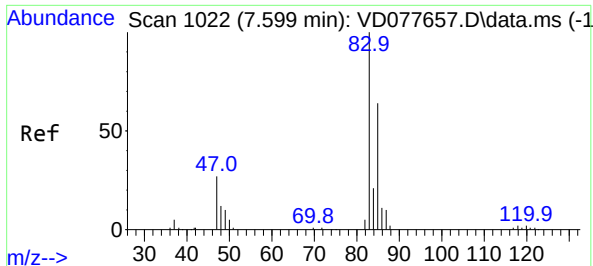
Tgt Ion: 43 Resp: 6691
Ion Ratio Lower Upper
43 100
72 6.0 12.8 38.4#



#23
Bromochloromethane
Concen: 15.949 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion:128 Resp: 1018
Ion Ratio Lower Upper
128 100
49 180.3 146.7 272.5
130 96.5 83.2 154.6
51 46.8 53.3 79.9#

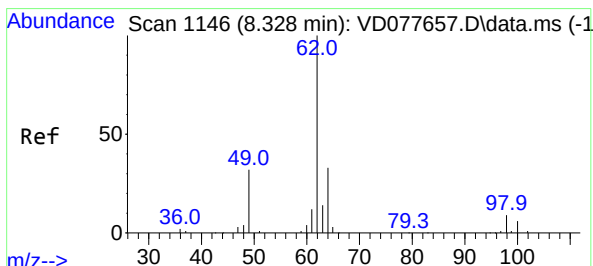
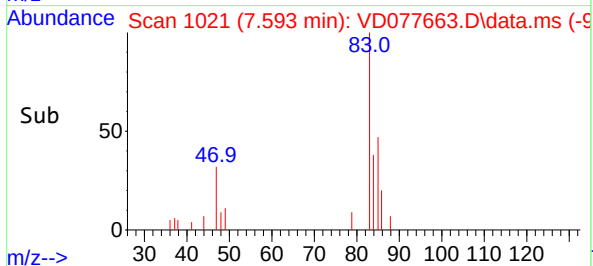
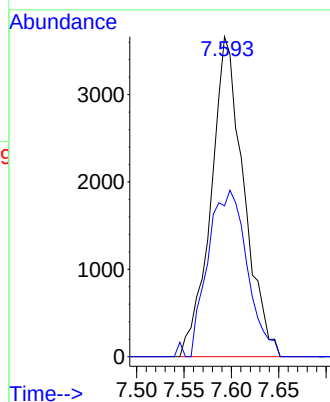
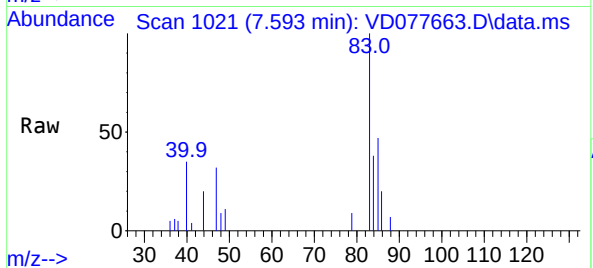




#25
Chloroform
Concen: 32.788 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

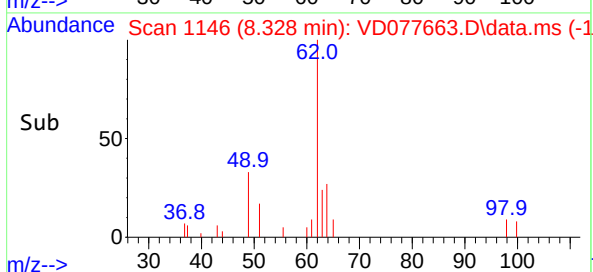
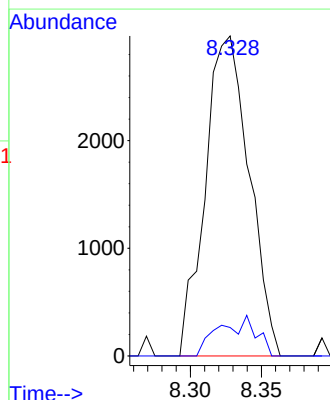
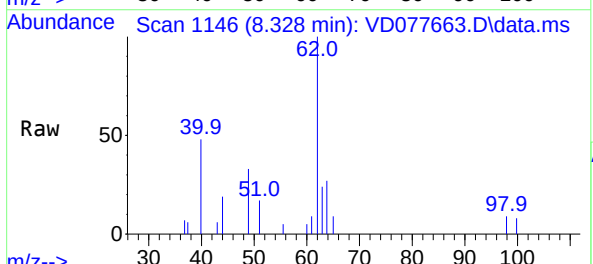
Instrument :
MSVOA_D
ClientSampleId :

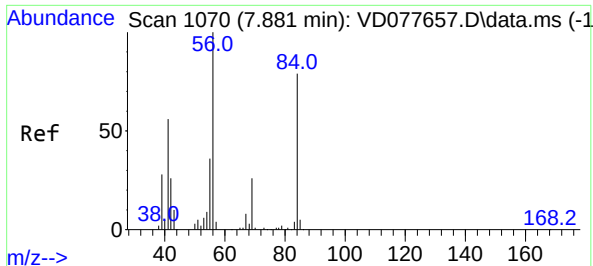
Tgt Ion: 83 Resp: 8836
Ion Ratio Lower Upper
83 100
85 47.2 45.9 85.3



#27
1,2-Dichloroethane
Concen: 35.887 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

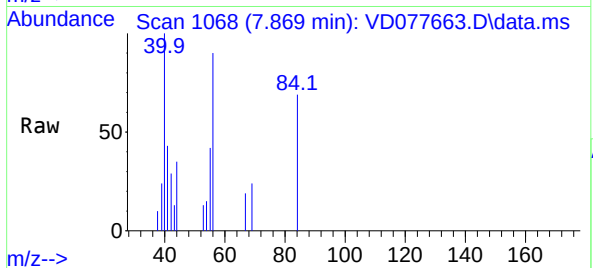
Tgt Ion: 62 Resp: 6411
Ion Ratio Lower Upper
62 100
98 8.9 8.0 12.0



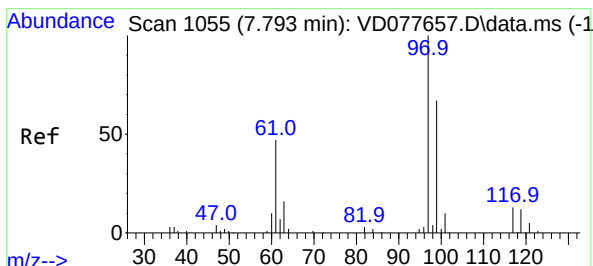
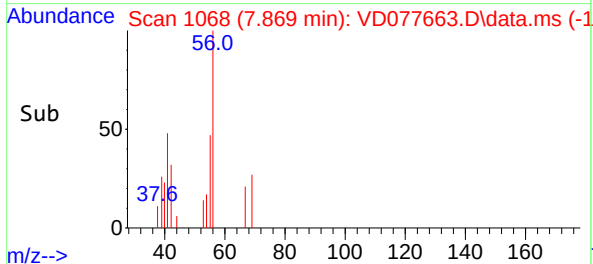
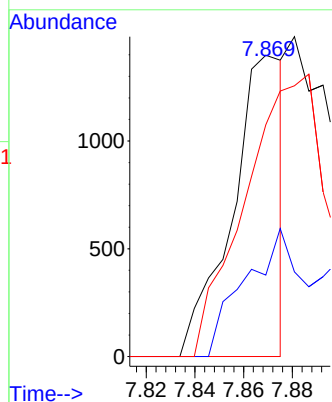


#29
Cyclohexane
Concen: 7.140 ug/L
RT: 7.869 min Scan# 1068
Delta R.T. -0.018 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Instrument :
MSVOA_D
ClientSampleId :

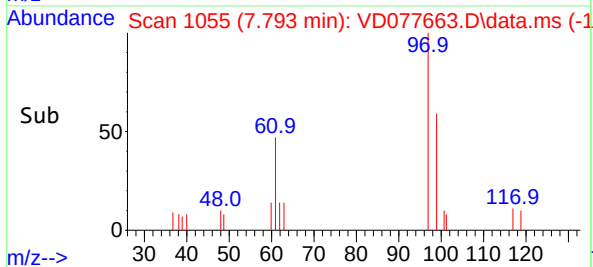
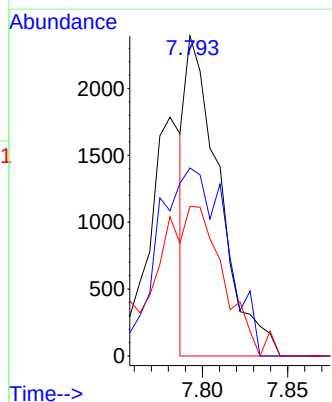
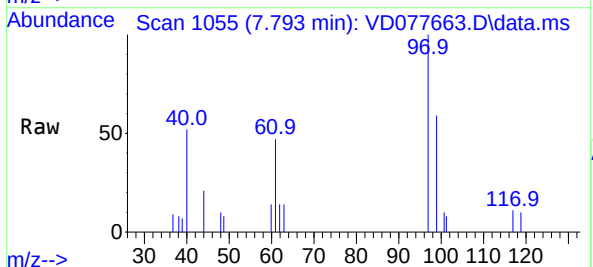


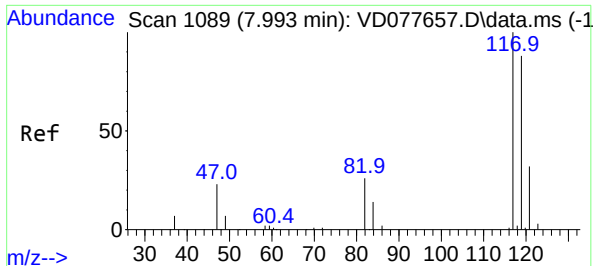
Tgt Ion: 56 Resp: 2070
Ion Ratio Lower Upper
56 100
69 45.4 22.6 33.8#
84 0.0 63.3 94.9#



#30
1,1,1-Trichloroethane
Concen: 13.912 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion: 97 Resp: 3252
Ion Ratio Lower Upper
97 100
99 20.5 51.4 77.2#
61 84.5 38.1 57.1#

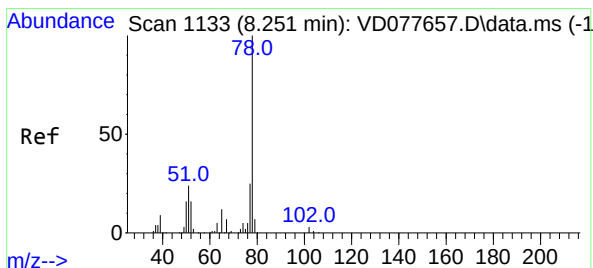
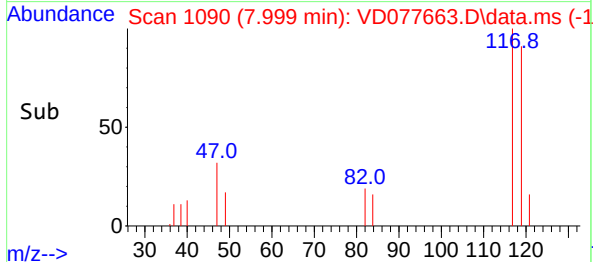
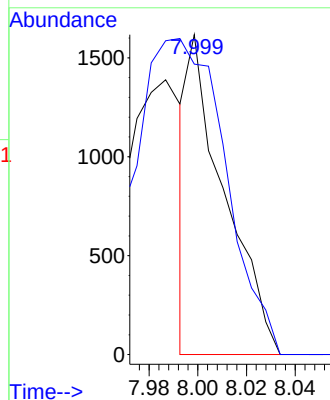
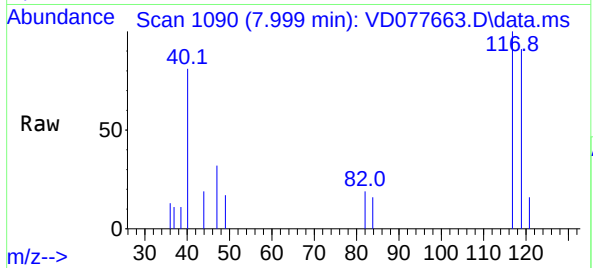




#31
Carbon tetrachloride
Concen: 8.333 ug/L
RT: 7.999 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

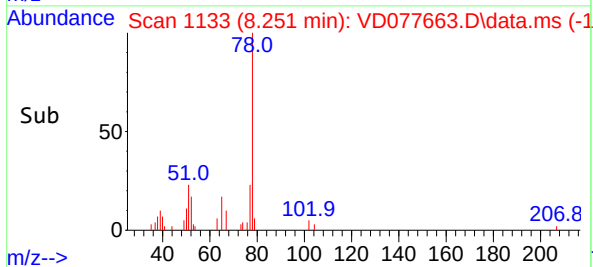
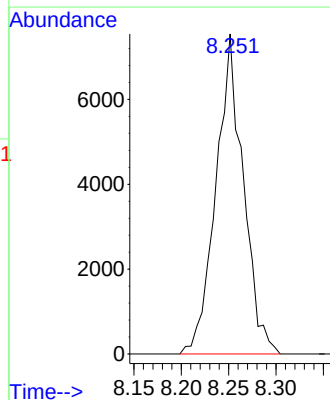
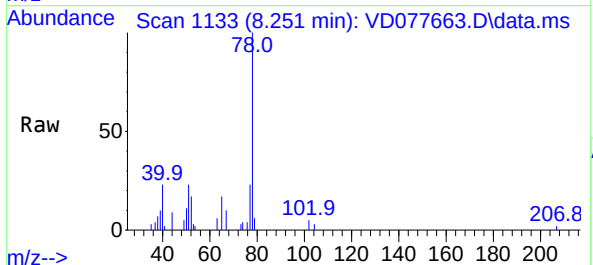
Instrument :
MSVOA_D
ClientSampleId :

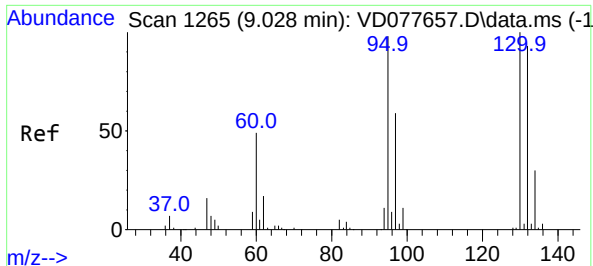
Tgt Ion:117 Resp: 1674
Ion Ratio Lower Upper
117 100
119 261.2 75.4 113.0#



#33
Benzene
Concen: 24.463 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion: 78 Resp: 15147





#34

Trichloroethene

Concen: 23.209 ug/L

RT: 9.034 min Scan# 11

Delta R.T. 0.000 min

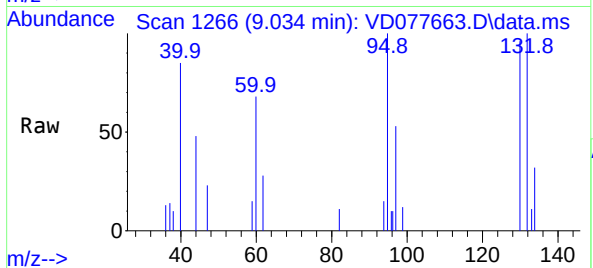
Lab File: VD077663.D

Acq: 22 Nov 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 3561

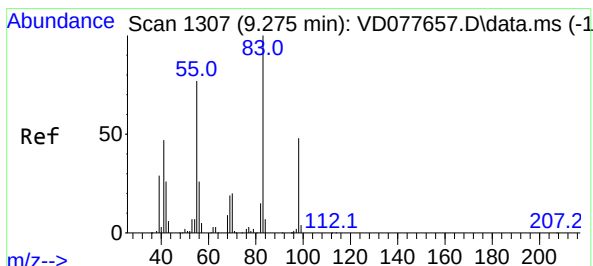
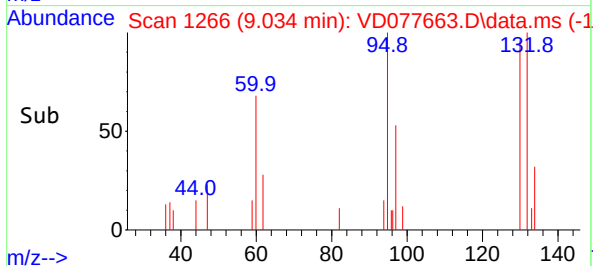
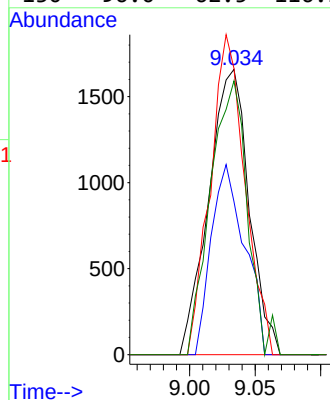
Ion Ratio Lower Upper

95 100

97 53.7 42.4 78.6

132 100.4 59.4 110.2

130 96.0 62.5 116.1



#35

Methylcyclohexane

Concen: 10.629 ug/L

RT: 9.281 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VD077663.D

Acq: 22 Nov 2023 11:52

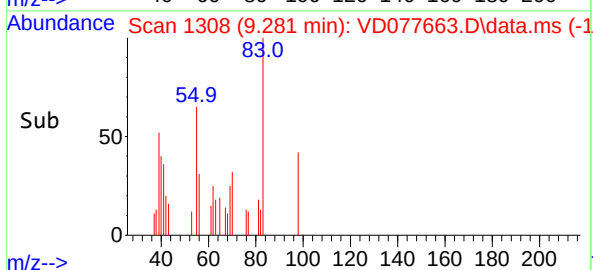
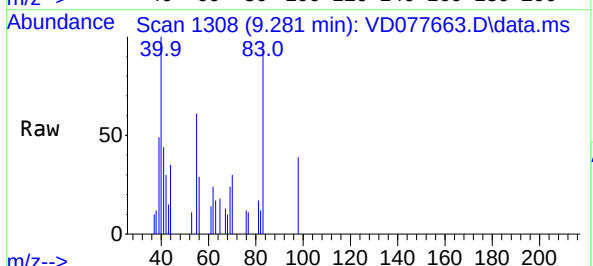
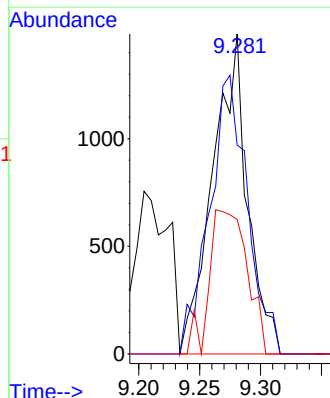
Tgt Ion: 83 Resp: 2943

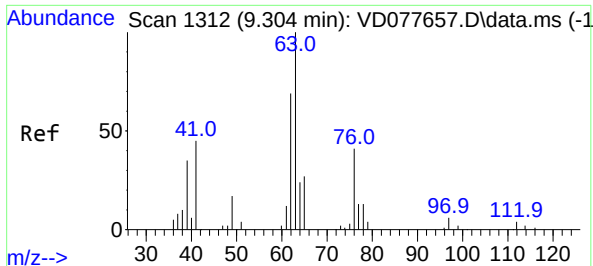
Ion Ratio Lower Upper

83 100

55 95.5 66.5 99.7

98 46.9 37.4 56.2

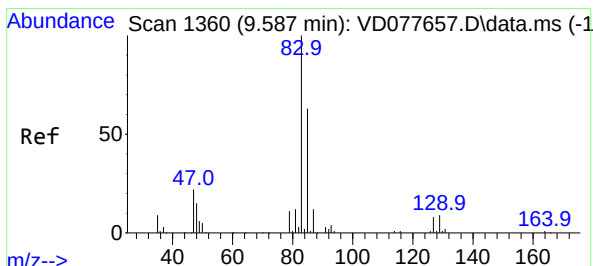
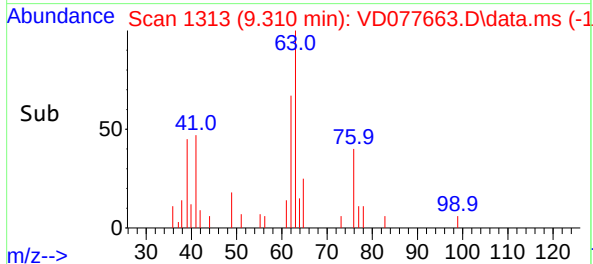
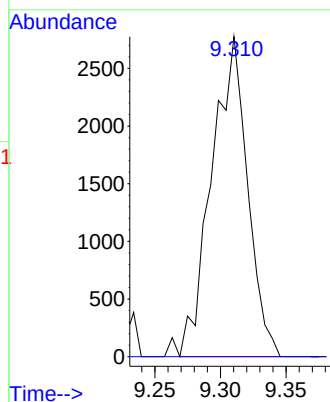
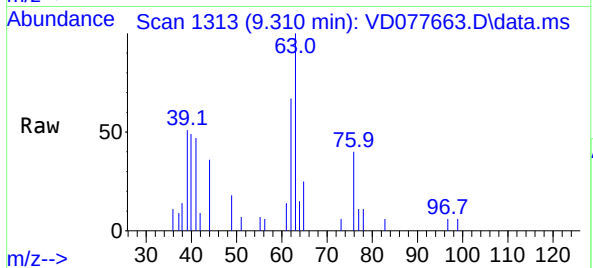




#37
1,2-Dichloropropane
Concen: 30.679 ug/L
RT: 9.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

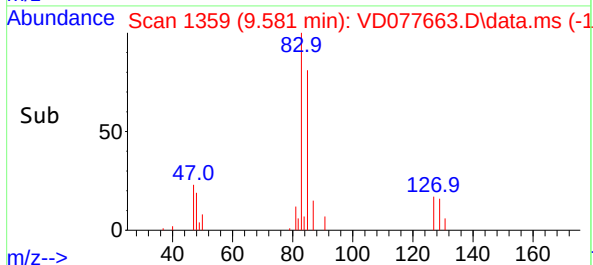
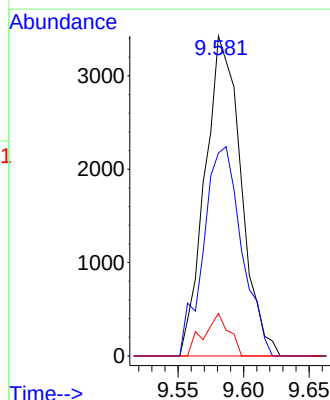
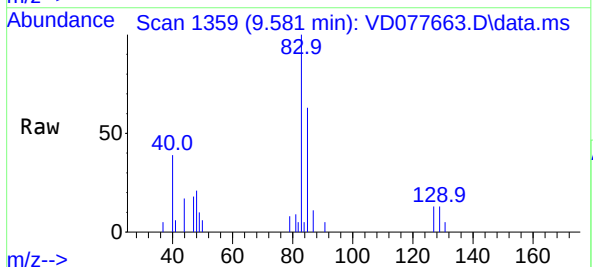
Instrument :
MSVOA_D
ClientSampleId :

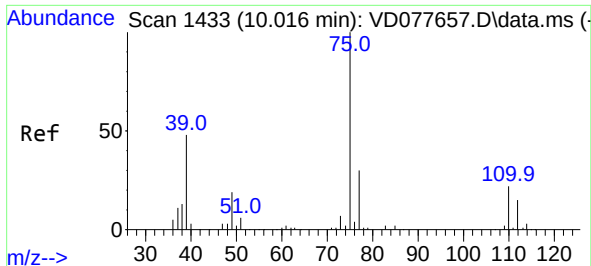
Tgt Ion: 63 Resp: 5281
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#38
Bromodichloromethane
Concen: 33.204 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion: 83 Resp: 6556
Ion Ratio Lower Upper
83 100
85 63.4 42.4 78.8
127 13.3 6.4 9.6#





#39

cis-1,3-Dichloropropene

Concen: 28.619 ug/L

RT: 10.022 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD077663.D

Acq: 22 Nov 2023 11:52

Instrument :

MSVOA_D

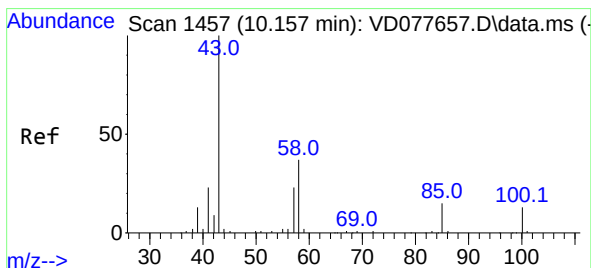
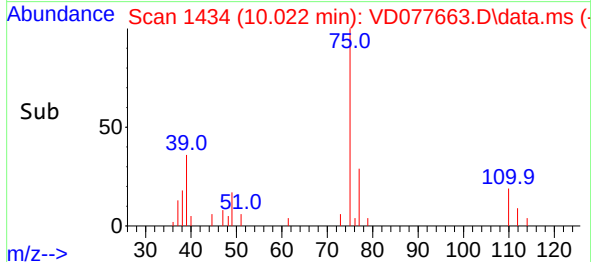
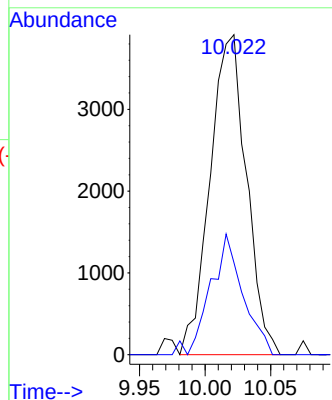
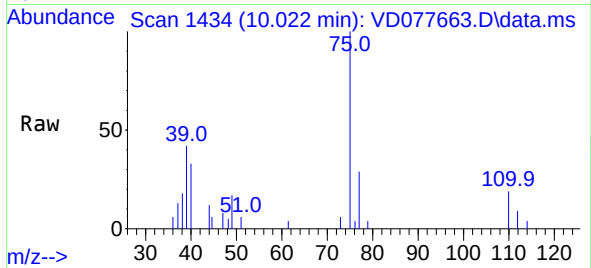
ClientSampleId :

Tgt Ion: 75 Resp: 7570

Ion Ratio Lower Upper

75 100

77 28.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 106.122 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD077663.D

Acq: 22 Nov 2023 11:52

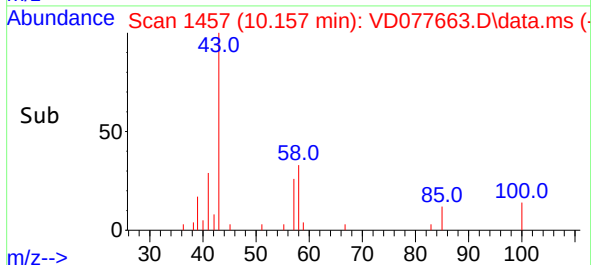
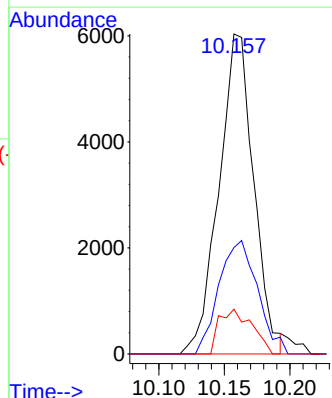
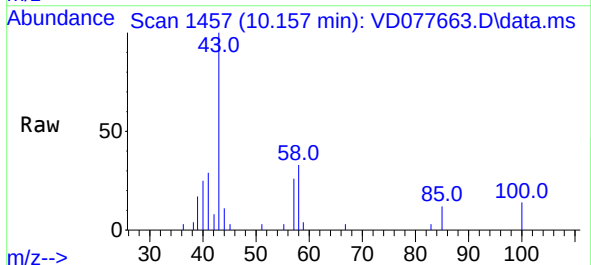
Tgt Ion: 43 Resp: 11132

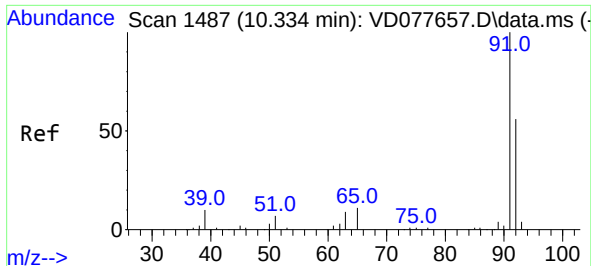
Ion Ratio Lower Upper

43 100

58 39.3 29.8 44.8

100 13.2 9.5 14.3

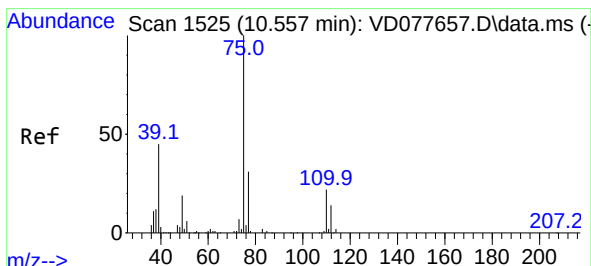
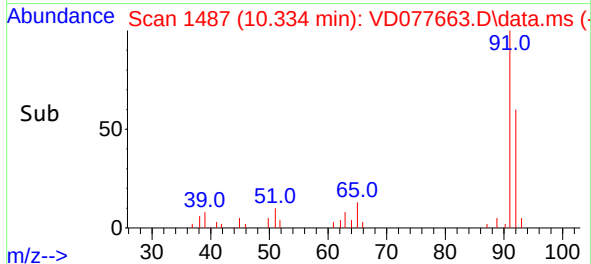
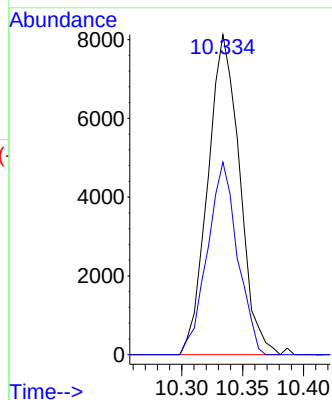
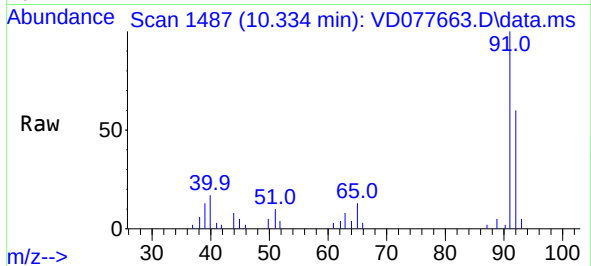




#42
Toluene
Concen: 22.718 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

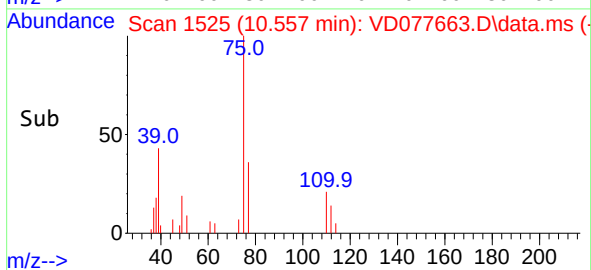
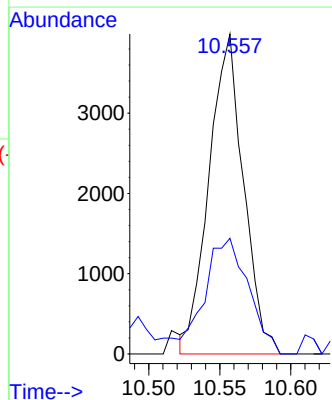
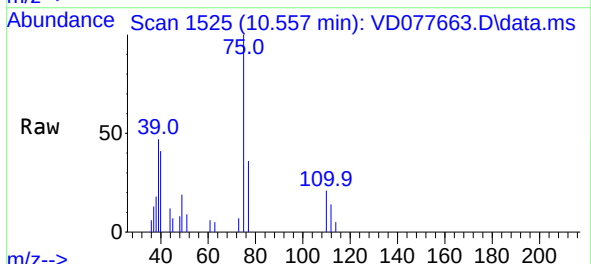
Instrument :
MSVOA_D
ClientSampleId :

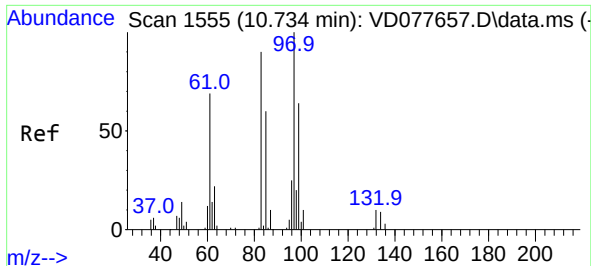
Tgt Ion: 91 Resp: 14769
Ion Ratio Lower Upper
91 100
92 60.1 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 30.792 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

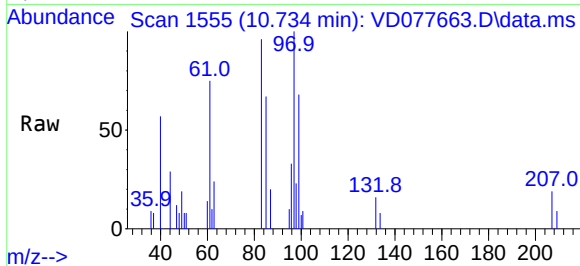
Tgt Ion: 75 Resp: 6730
Ion Ratio Lower Upper
75 100
77 36.2 22.3 41.5





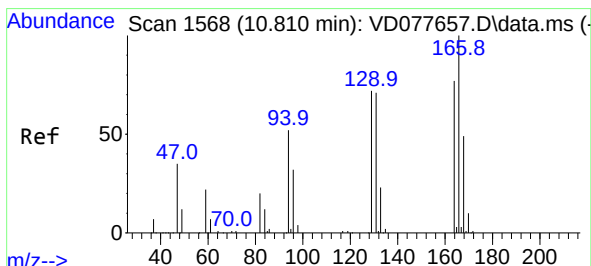
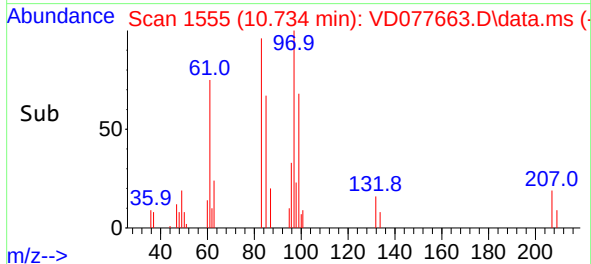
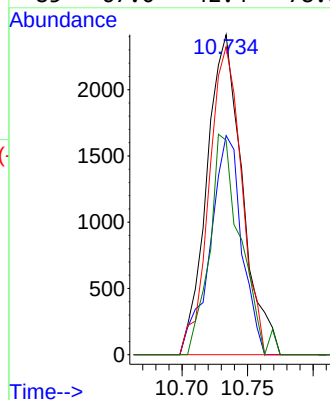
#45
1,1,2-Trichloroethane
Concen: 43.271 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 4553

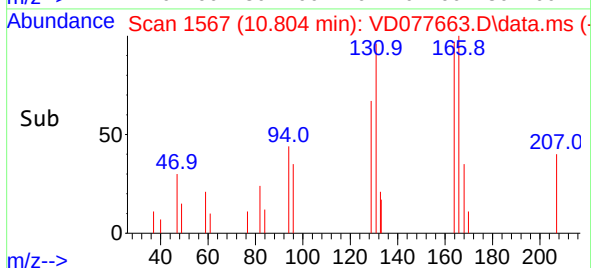
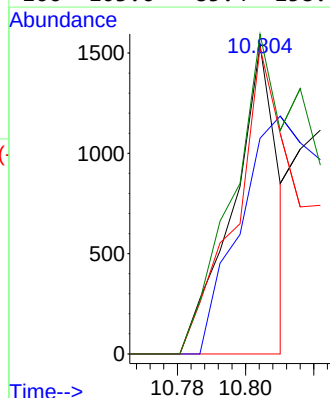
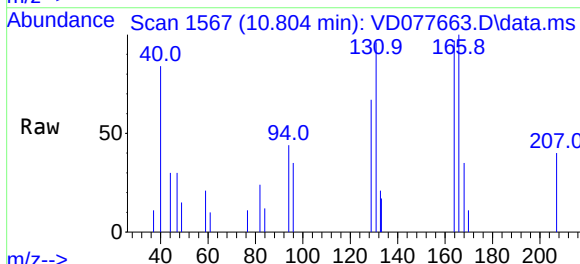
Ion	Ratio	Lower	Upper
97	100		
99	68.4	43.5	80.7
83	96.2	63.1	117.3
85	67.0	42.4	78.8

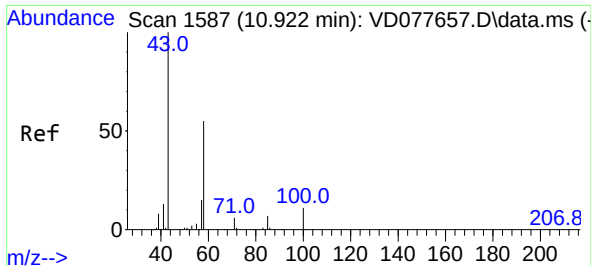


#46
Tetrachloroethene
Concen: 12.534 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.012 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion: 164 Resp: 1415

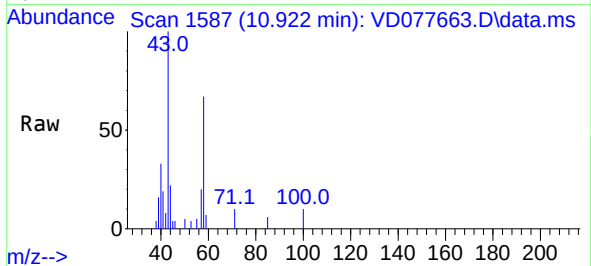
Ion	Ratio	Lower	Upper
164	100		
129	69.8	60.6	112.6
131	99.2	61.6	114.4
166	103.6	85.4	158.6



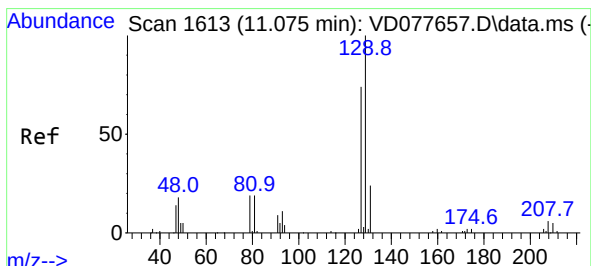
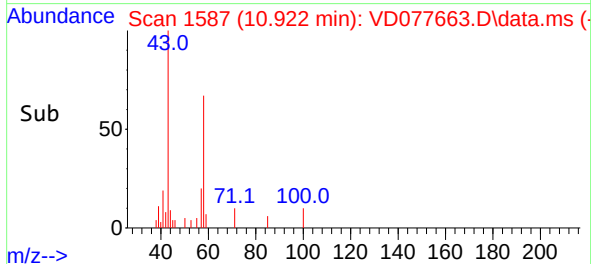
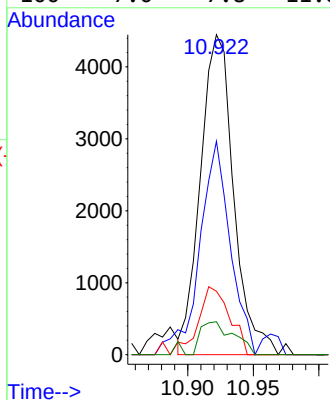


#48
2-Hexanone
Concen: 94.399 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Instrument :
MSVOA_D
ClientSampleId :

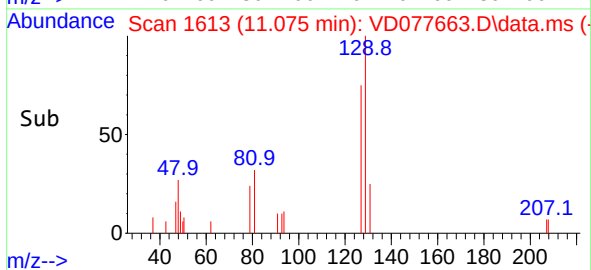
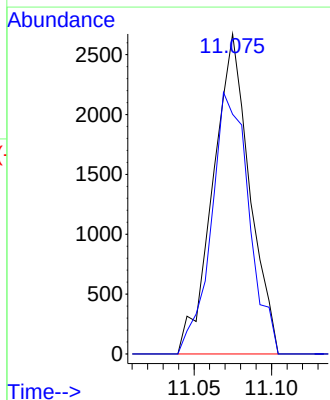
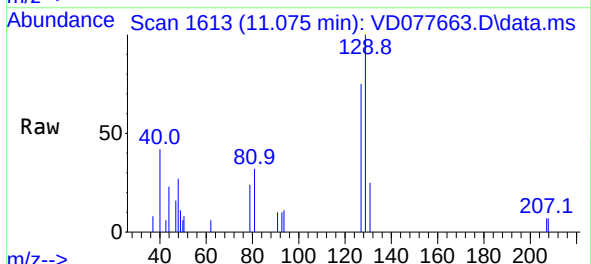


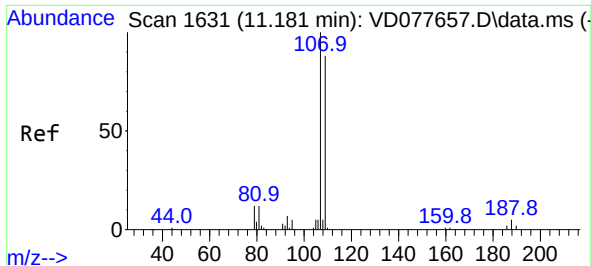
Tgt Ion: 43 Resp: 7849
Ion Ratio Lower Upper
43 100
58 61.4 40.8 61.2#
57 18.8 13.7 20.5
100 7.0 7.8 11.8#



#49
Dibromochloromethane
Concen: 36.663 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

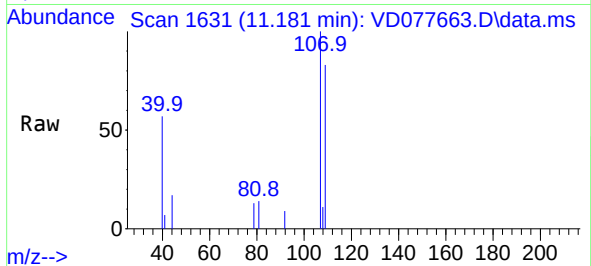
Tgt Ion: 129 Resp: 4382
Ion Ratio Lower Upper
129 100
127 74.9 54.9 102.1



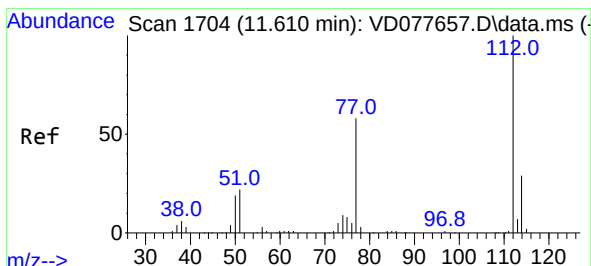
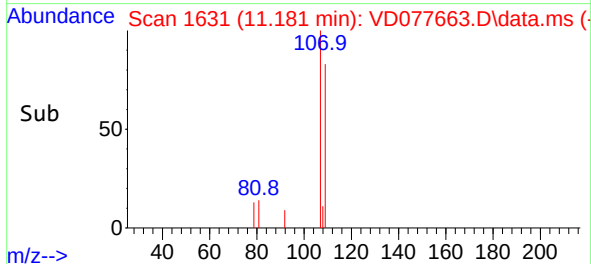
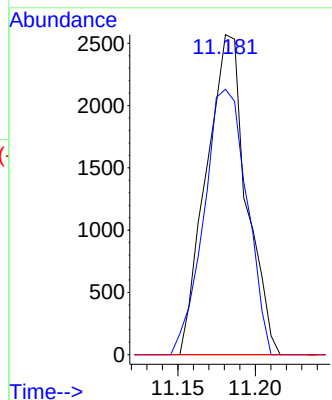


#50
1,2-Dibromoethane
Concen: 46.104 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Instrument :
MSVOA_D
ClientSampleId :

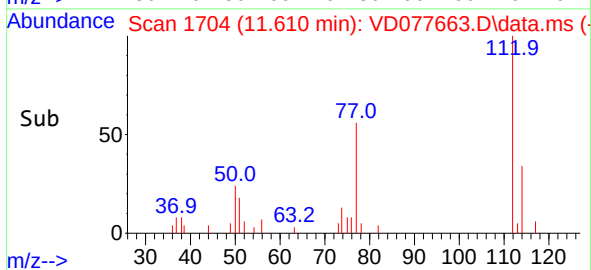
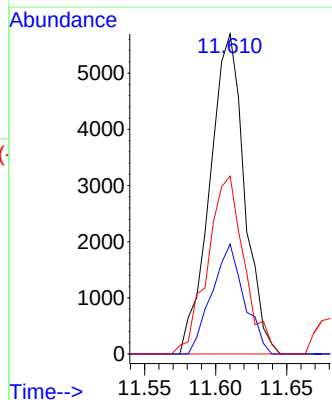
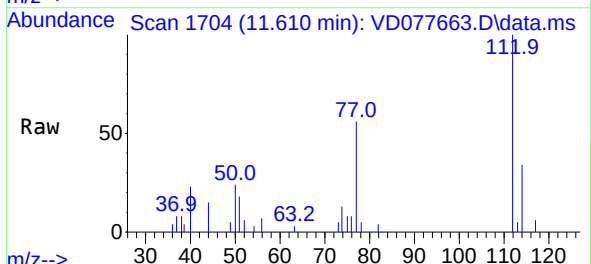


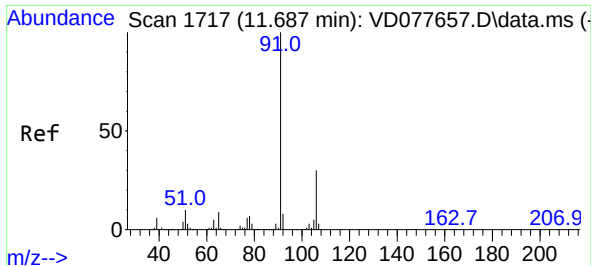
Tgt Ion:107 Resp: 4639
Ion Ratio Lower Upper
107 100
109 83.0 64.8 120.3
188 0.0 3.2 4.8#



#51
Chlorobenzene
Concen: 25.361 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion:112 Resp: 9659
Ion Ratio Lower Upper
112 100
114 34.3 22.4 41.6
77 55.6 49.6 74.4

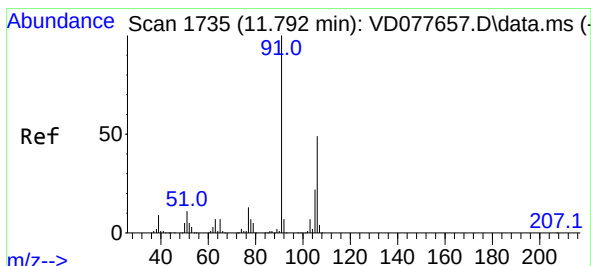
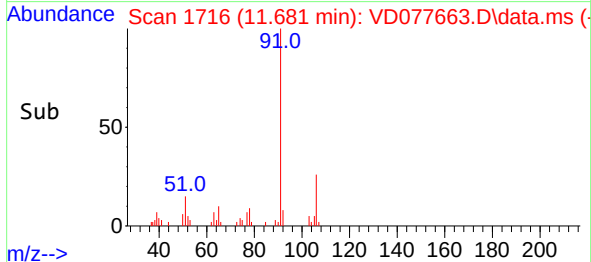
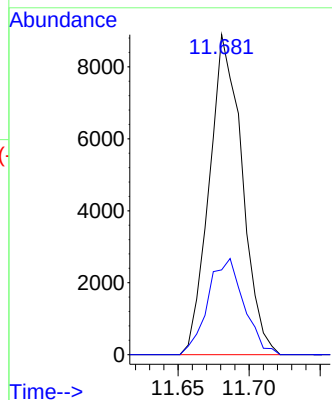
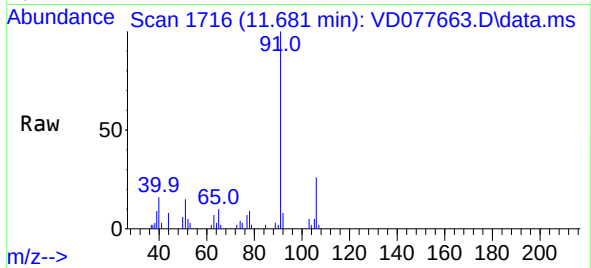




#52
Ethylbenzene
Concen: 19.988 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

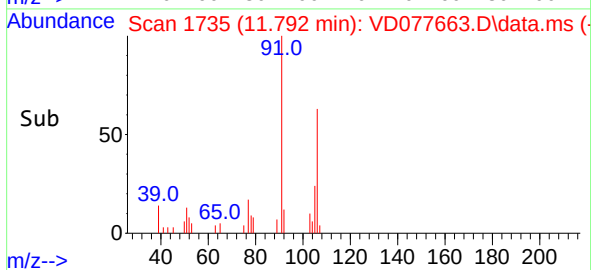
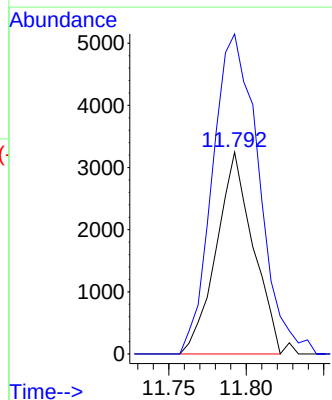
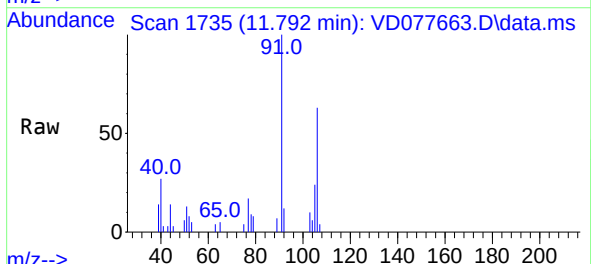
Instrument :
MSVOA_D
ClientSampleId :

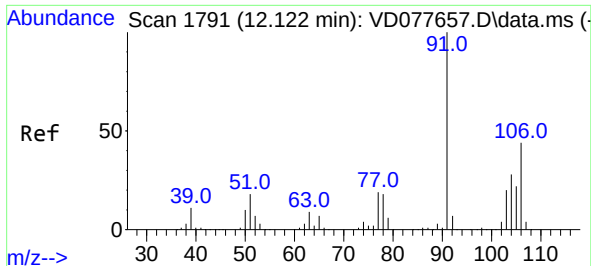
Tgt Ion: 91 Resp: 14298
Ion Ratio Lower Upper
91 100
106 26.5 22.0 40.8



#53
m,p-Xylene
Concen: 20.592 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion: 106 Resp: 5360
Ion Ratio Lower Upper
106 100
91 158.5 146.7 272.4

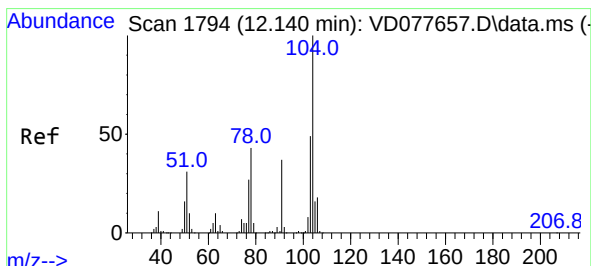
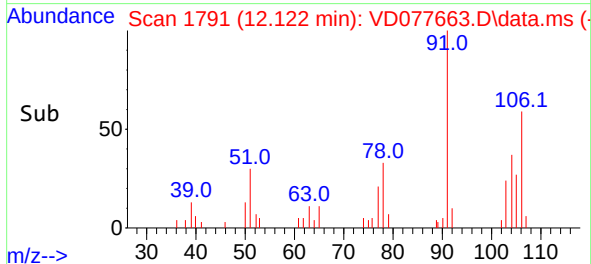
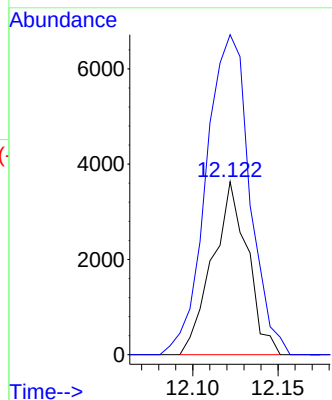
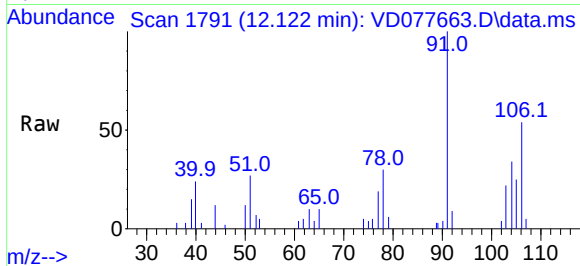




#54
o-Xylene
Concen: 20.882 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

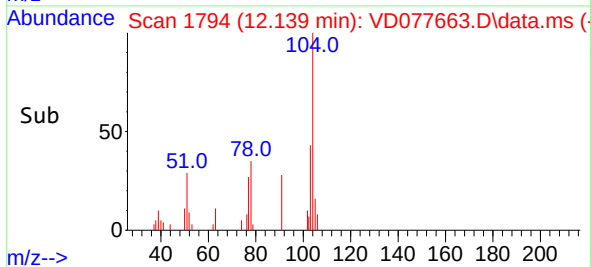
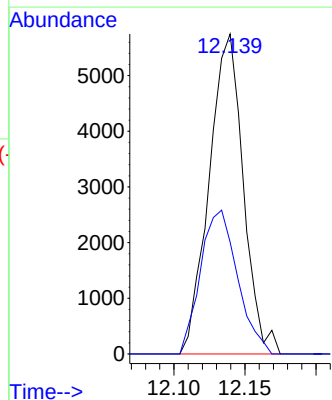
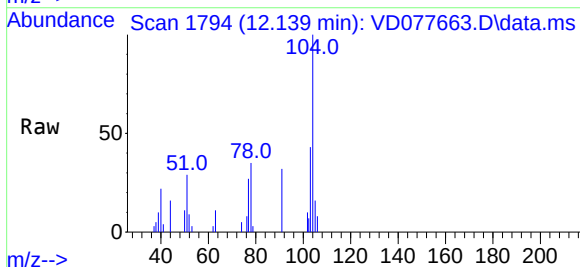
Instrument :
MSVOA_D
ClientSampleId :

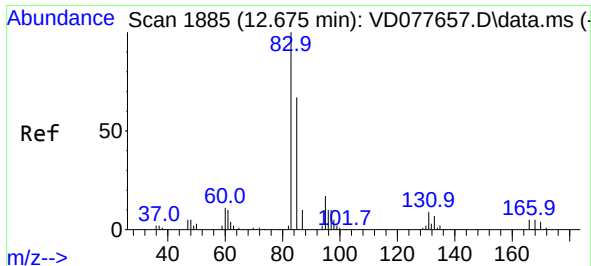
Tgt Ion:106 Resp: 5206
Ion Ratio Lower Upper
106 100
91 184.9 158.5 294.4



#55
Styrene
Concen: 22.093 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion:104 Resp: 9617
Ion Ratio Lower Upper
104 100
78 35.0 34.9 64.9





#57

1,1,2,2-Tetrachloroethane

Concen: 50.575 ug/L

RT: 12.681 min Scan# 1886

Delta R.T. 0.006 min

Lab File: VD077663.D

Acq: 22 Nov 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

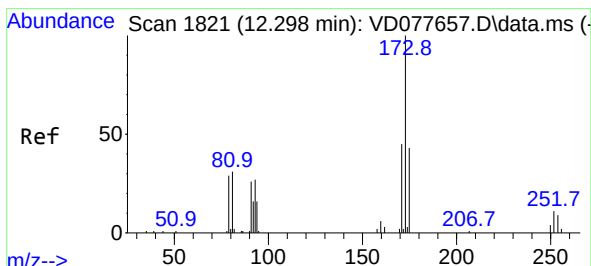
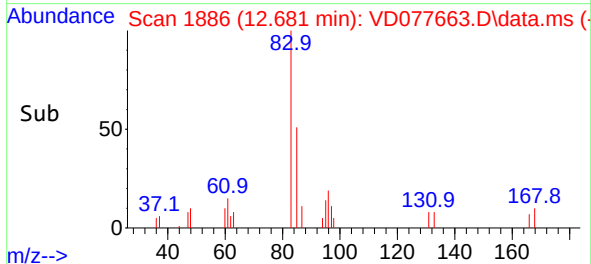
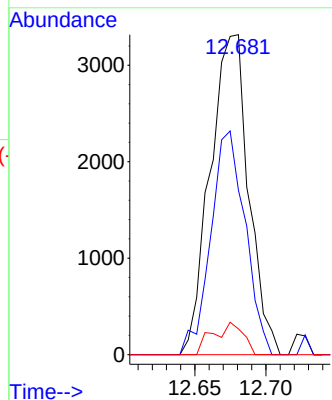
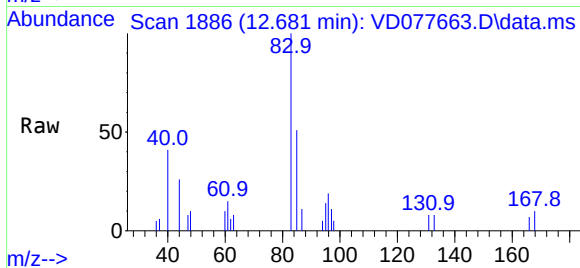
Tgt Ion: 83 Resp: 6269

Ion Ratio Lower Upper

83 100

85 51.4 44.9 83.3

131 8.0 7.2 10.8



#59

Bromoform

Concen: 50.160 ug/L

RT: 12.292 min Scan# 1820

Delta R.T. -0.006 min

Lab File: VD077663.D

Acq: 22 Nov 2023 11:52

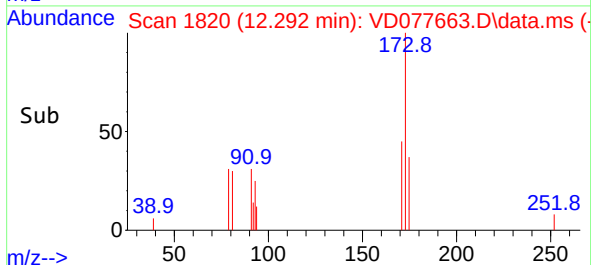
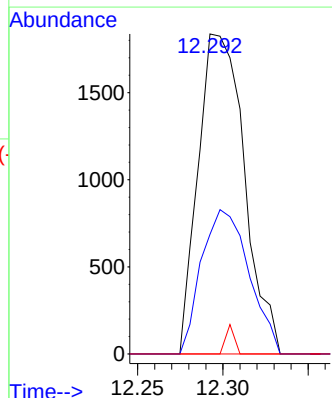
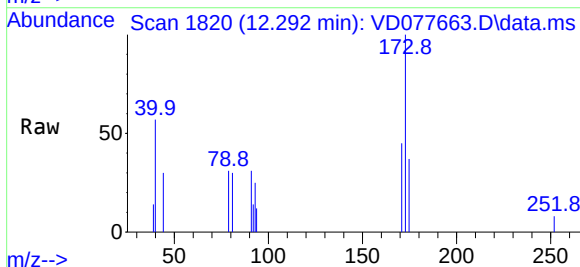
Tgt Ion:173 Resp: 3461

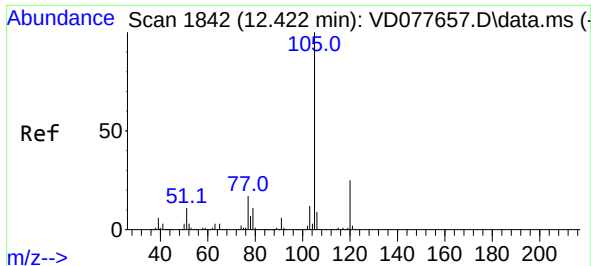
Ion Ratio Lower Upper

173 100

175 46.5 38.2 57.2

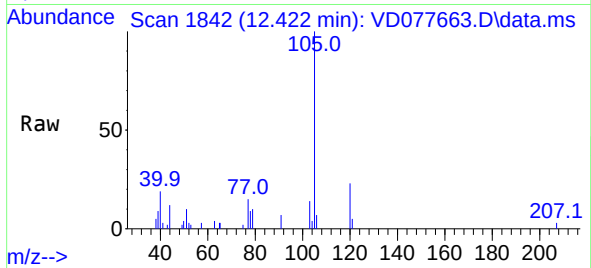
254 0.0 7.1 10.7#



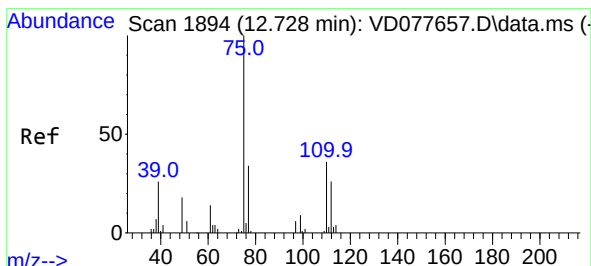
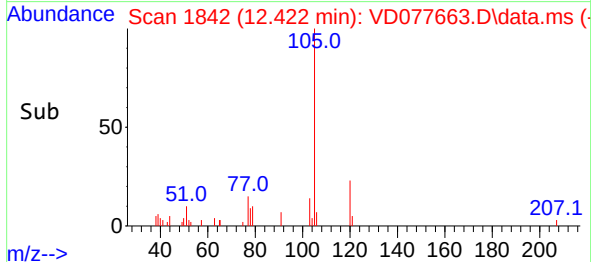
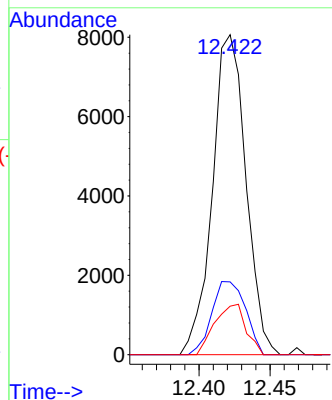


#60
Isopropylbenzene
Concen: 20.232 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Instrument :
MSVOA_D
ClientSampleId :

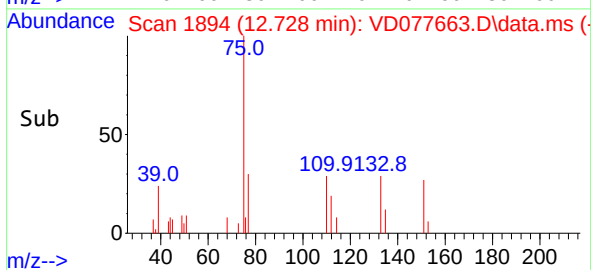
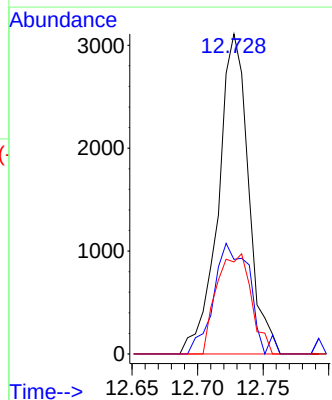
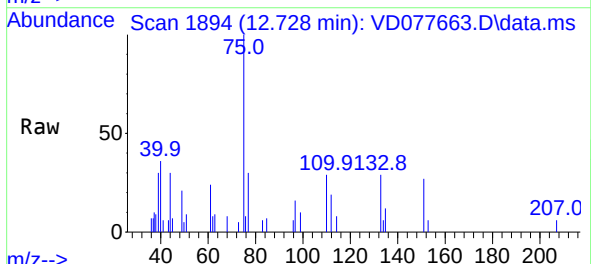


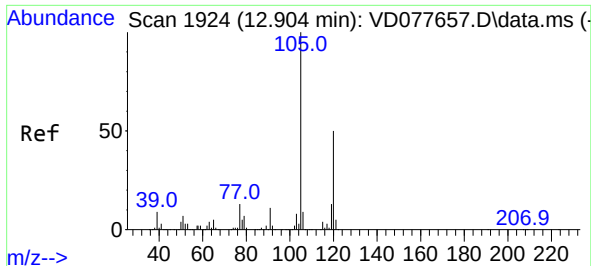
Tgt Ion:	105	Resp:	13244
Ion Ratio	Lower	Upper	
105	100		
120	23.1	21.0	31.4
77	14.6	13.4	20.2



#61
1,2,3-Trichloropropane
Concen: 57.700 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion:	75	Resp:	4974
Ion Ratio	Lower	Upper	
75	100		
77	25.3	25.6	38.4#
110	35.8	29.6	44.4

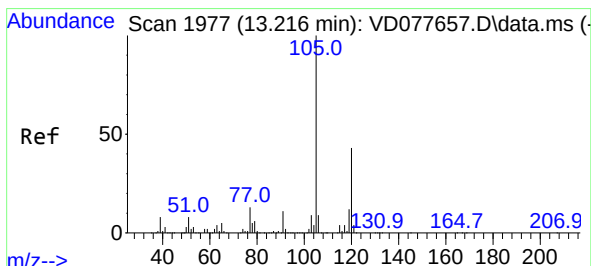
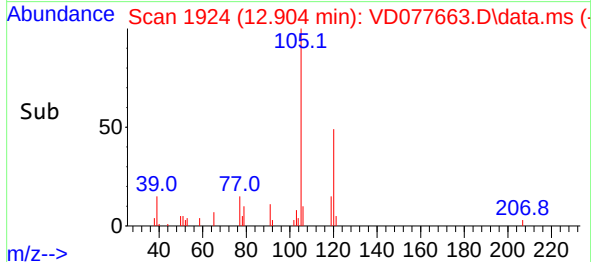
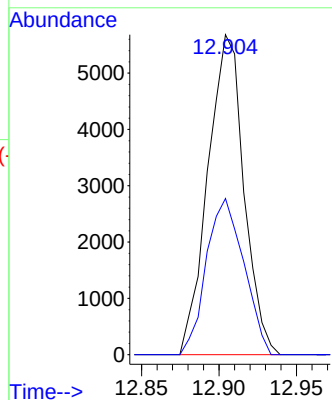
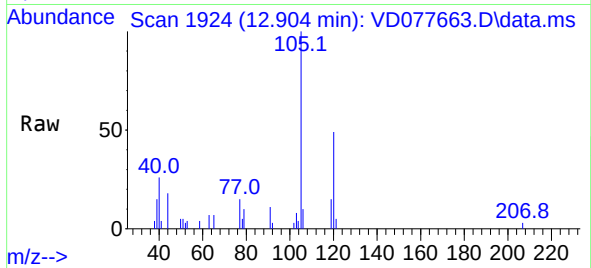




#62
1,3,5-Trimethylbenzene
Concen: 18.510 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

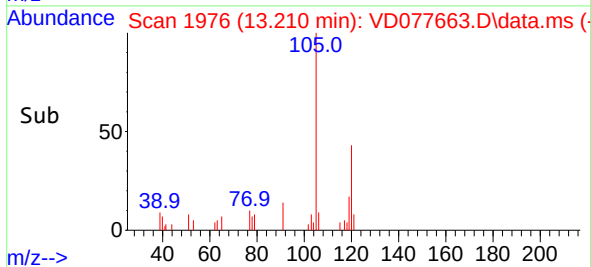
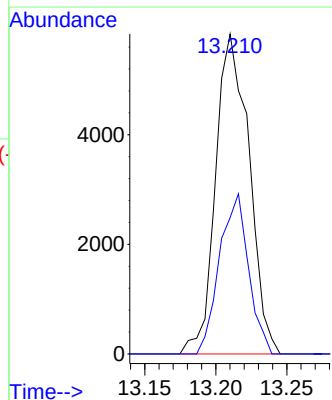
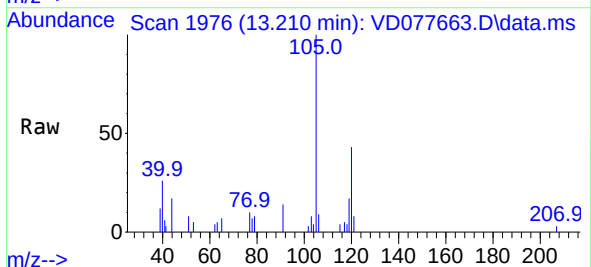
Instrument :
MSVOA_D
ClientSampleId :

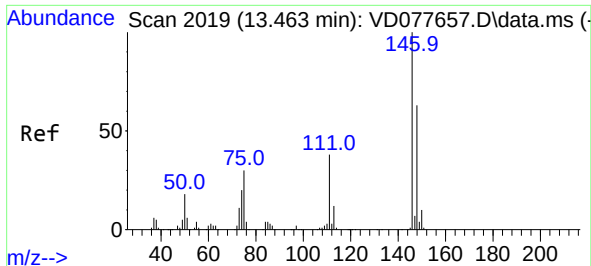
Tgt Ion:105 Resp: 9196
Ion Ratio Lower Upper
105 100
120 50.8 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 19.004 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

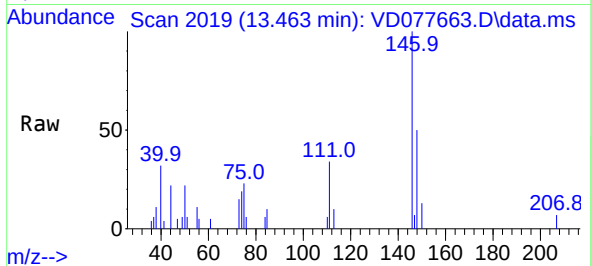
Tgt Ion:105 Resp: 9564
Ion Ratio Lower Upper
105 100
120 43.3 35.6 53.4



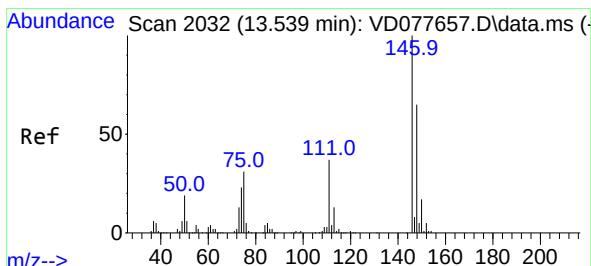
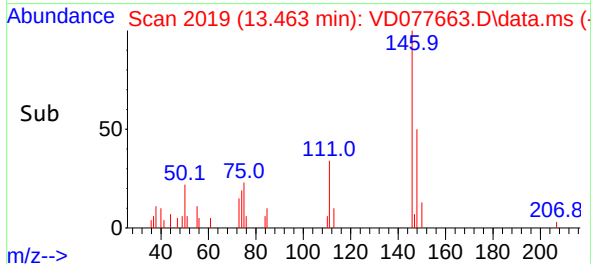
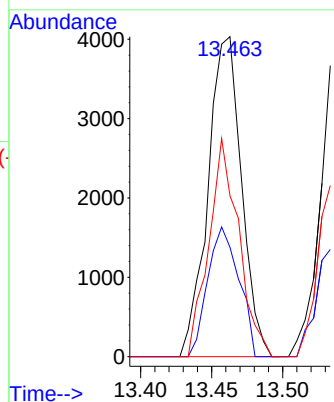


#64
1,3-Dichlorobenzene
Concen: 24.688 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Instrument :
MSVOA_D
ClientSampleId :

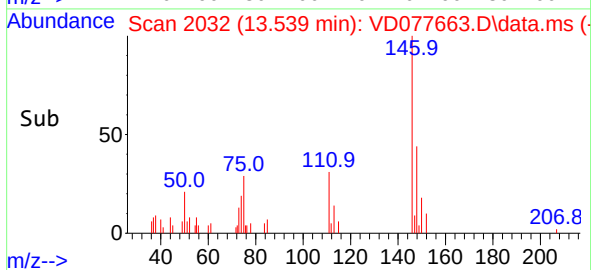
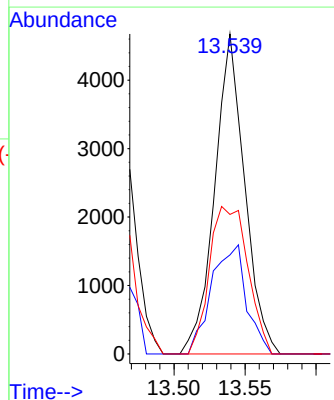
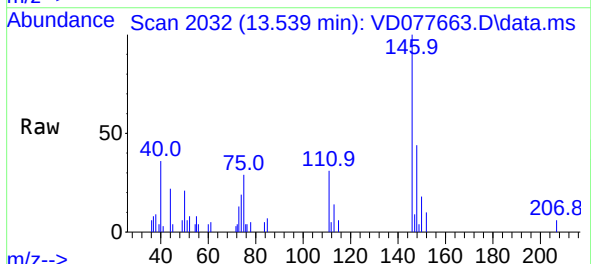


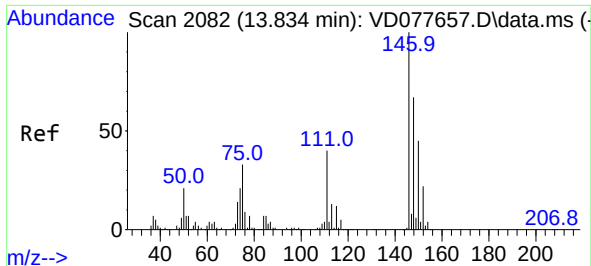
Tgt Ion:146 Resp: 6630
Ion Ratio Lower Upper
146 100
111 34.2 27.2 50.6
148 50.3 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 25.370 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion:146 Resp: 6876
Ion Ratio Lower Upper
146 100
111 31.0 25.6 47.4
148 43.6 44.1 81.9#





#67

1,2-Dichlorobenzene

Concen: 26.370 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077663.D

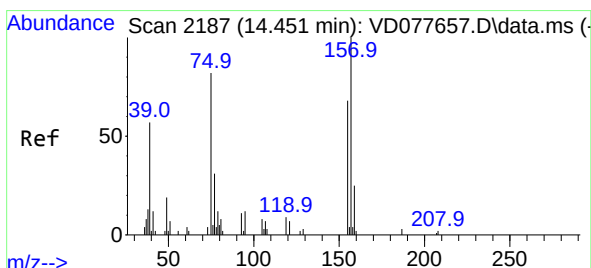
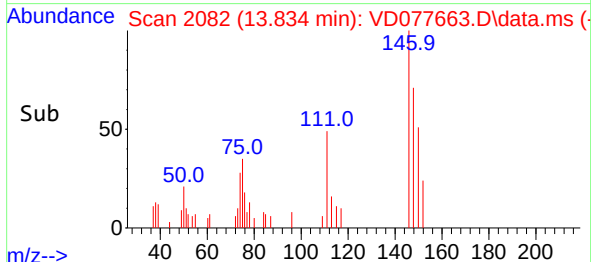
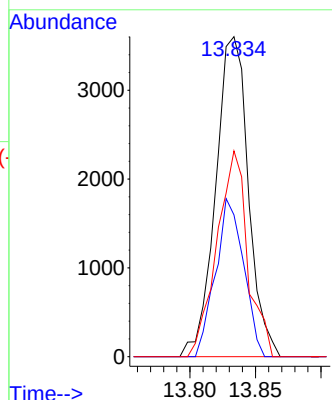
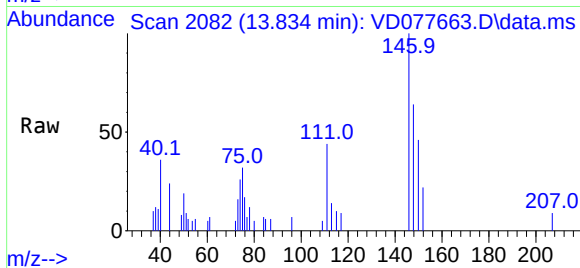
Acq: 22 Nov 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	146	Resp:	6261
Ion	Ratio	Lower	Upper
146	100		
111	44.3	33.8	50.6
148	64.3	54.3	81.5



#68

1,2-Dibromo-3-chloropropane

Concen: 59.517 ug/L

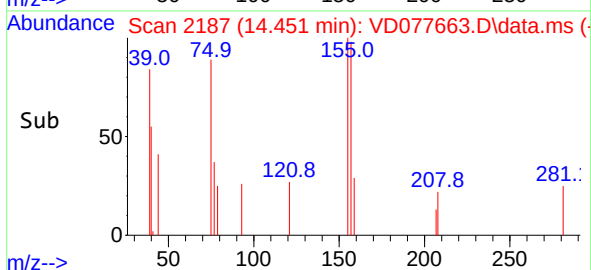
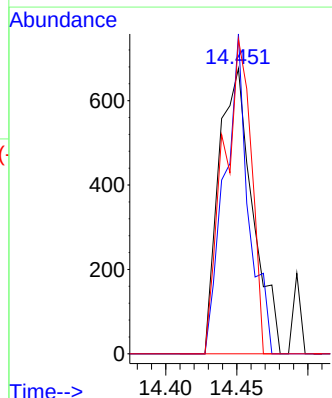
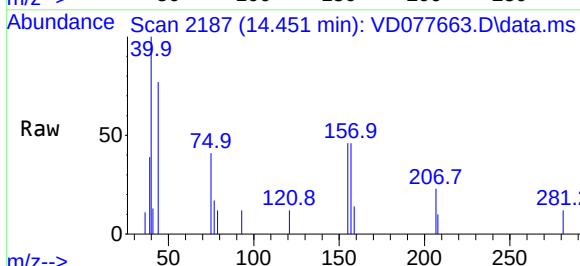
RT: 14.451 min Scan# 2187

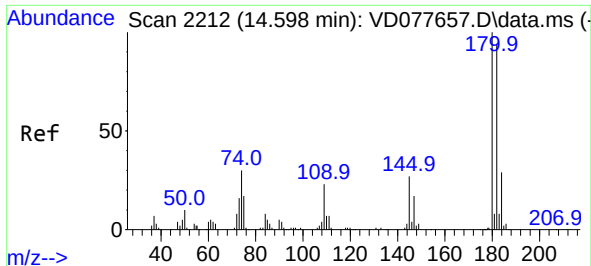
Delta R.T. 0.006 min

Lab File: VD077663.D

Acq: 22 Nov 2023 11:52

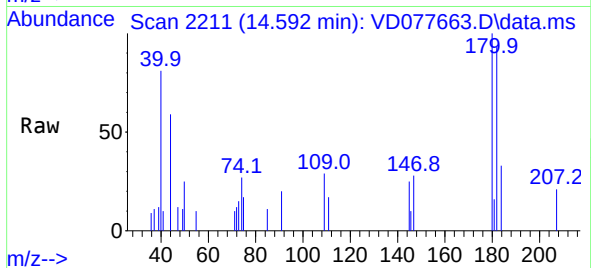
Tgt Ion:	75	Resp:	1116
Ion	Ratio	Lower	Upper
75	100		
155	112.1	58.2	87.2#
157	110.4	68.7	103.1#



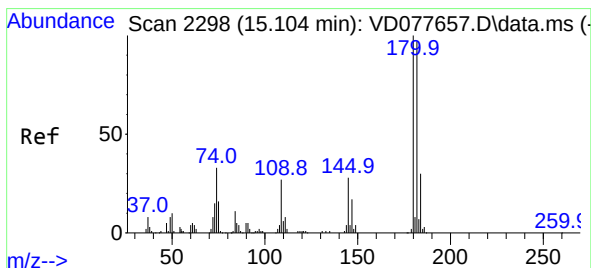
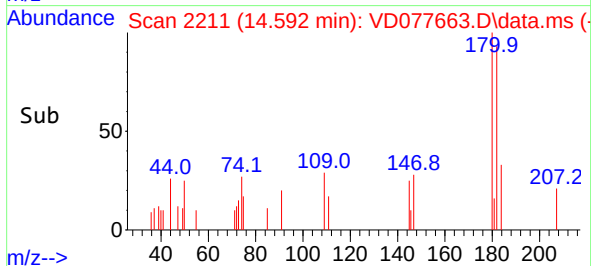
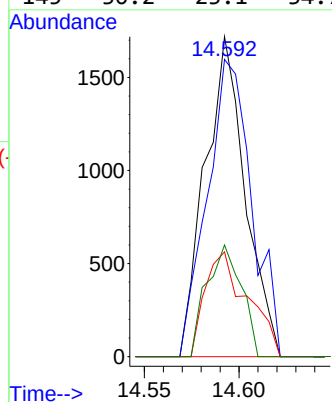


#69
1,3,5-Trichlorobenzene
Concen: 13.825 ug/L
RT: 14.592 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Instrument :
MSVOA_D
ClientSampleId :

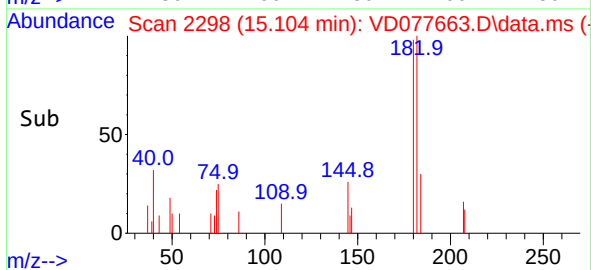
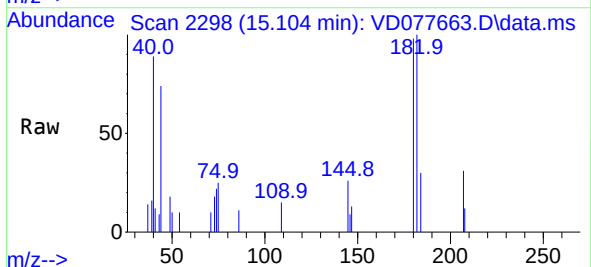
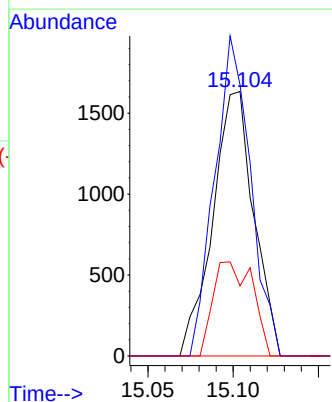


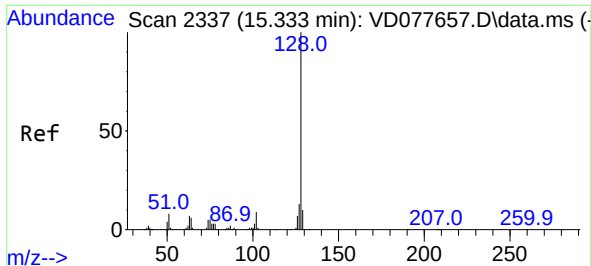
Tgt Ion:	180	Resp:	2528
Ion Ratio	Lower	Upper	
180	100		
182	102.7	76.1	114.1
184	34.6	24.0	36.0
145	30.2	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 17.779 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion:	180	Resp:	2740
Ion Ratio	Lower	Upper	
180	100		
182	105.7	75.8	113.6
145	24.0	24.1	36.1

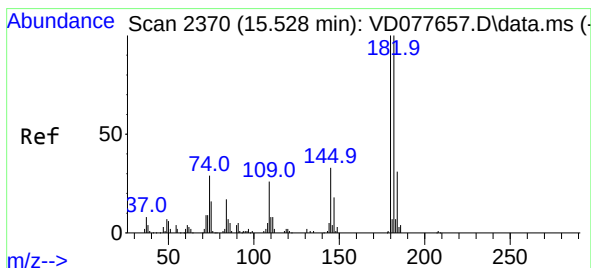
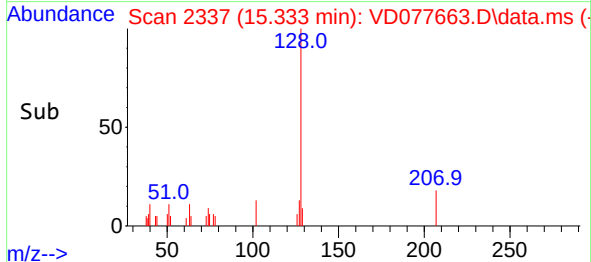
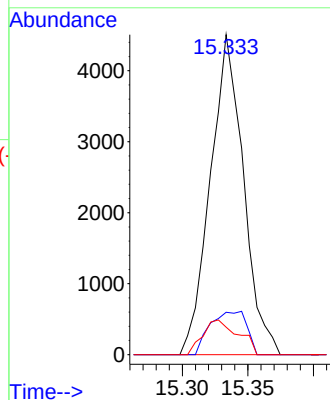
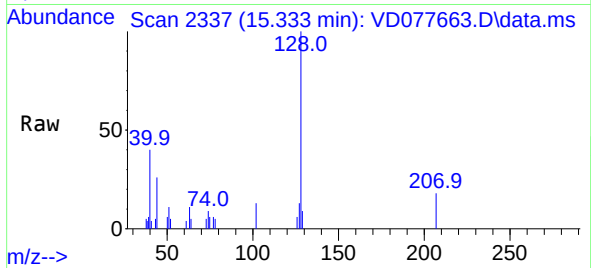




#71
Naphthalene
Concen: 27.286 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	7925
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.5	15.7
129	10.4	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 18.972 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077663.D
Acq: 22 Nov 2023 11:52

Tgt Ion:	180	Resp:	2493
Ion	Ratio	Lower	Upper
180	100		
182	87.8	76.8	115.2
145	22.8	26.0	39.0

