

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112123\
 Data File : VD077653.D
 Acq On : 21 Nov 2023 18:47
 Operator : JC/SY
 Sample : 05438-07MS
 Misc : 5.03G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 01:43:19 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	4598	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.581	117	3043	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	1002	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	1160	9.917	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.680%
7) Chloroethane-d5	2.805	69	1144	12.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.800%
11) 1,1-Dichloroethene-d2	3.940	65	141	3.898	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	15.600%#
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
24) Chloroform-d	7.558	84	1313	9.885	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	39.560%#
26) 1,2-Dichloroethane-d4	8.228	65	1076	15.229	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	60.920%#
32) Benzene-d6	8.205	84	4815	24.380	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.520%
36) 1,2-Dichloropropane-d6	9.199	67	620	9.638	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	38.560%#
41) Toluene-d8	10.269	98	3387	18.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.920%
43) trans-1,3-Dichloroprop...	10.522	79	148	5.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	21.360%#
47) 2-Hexanone-d5	10.746	63	77	6.691	ug/L	-0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	13.380%#
56) 1,1,2,2-Tetrachloroeth...	12.657	84	1121	26.300	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	13.822	152	826	23.172	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	971	13.113	ug/L #	81
3) Chloromethane	2.146	50	1258	11.808	ug/L #	60
5) Vinyl chloride	2.287	62	1354	11.260	ug/L	100
8) Chloroethane	2.846	64	455	6.087	ug/L #	46
9) Trichlorofluoromethane	3.187	101	1077	9.842	ug/L #	83
10) 1,1,2-Trichloro-1,2,2-...	3.987	101	409	6.074	ug/L #	21
12) 1,1-Dichloroethene	3.952	96	493	7.540	ug/L #	64
13) Acetone	4.011	43	362	17.006	ug/L #	43
14) Carbon disulfide	4.287	76	2379	10.104	ug/L #	76
15) Methyl Acetate	4.569	43	140	3.998	ug/L #	56
16) Methylene chloride	4.805	84	1023	13.178	ug/L	90
17) trans-1,2-Dichloroethene	5.334	96	355	5.161	ug/L	78
18) Methyl tert-butyl Ether	5.305	73	639	3.958	ug/L #	58
19) 1,1-Dichloroethane	6.111	63	2152	15.594	ug/L #	84
20) cis-1,2-Dichloroethene	7.093	96	1359	18.186	ug/L #	69
22) 2-Butanone	7.087	43	533	20.810	ug/L #	49
23) Bromochloromethane	7.422	128	338	11.257	ug/L #	78
25) Chloroform	7.605	83	903	7.123	ug/L	94
27) 1,2-Dichloroethane	8.328	62	1673	19.907	ug/L #	73

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 Response via : Initial Calibration

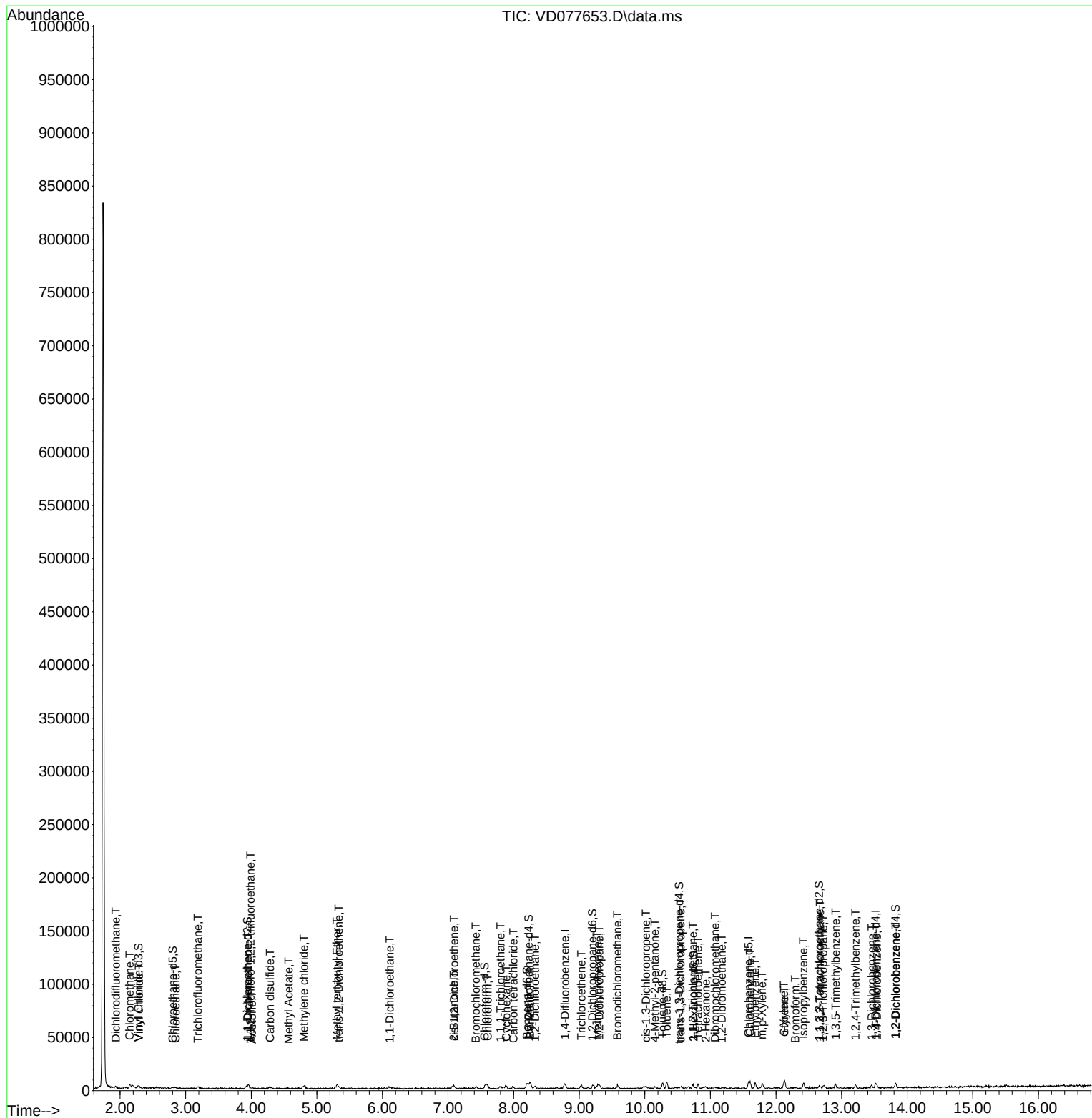
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.887	56	732	7.409	ug/L #	47
30) 1,1,1-Trichloroethane	7.799	97	463	5.812	ug/L #	29
31) Carbon tetrachloride	7.999	117	370	5.404	ug/L #	1
33) Benzene	8.252	78	5026	23.818	ug/L	100
34) Trichloroethene	9.034	95	885	16.925	ug/L #	80
35) Methylcyclohexane	9.281	83	1241	13.152	ug/L #	35
37) 1,2-Dichloropropane	9.304	63	1407	23.984	ug/L #	88
38) Bromodichloromethane	9.581	83	940	13.969	ug/L #	79
39) cis-1,3-Dichloropropene	10.016	75	1187	13.168	ug/L	85
40) 4-Methyl-2-pentanone	10.152	43	1402	39.218	ug/L #	61
42) Toluene	10.334	91	4707	21.246	ug/L #	73
44) trans-1,3-Dichloropropene	10.546	75	660	8.861	ug/L	92
45) 1,1,2-Trichloroethane	10.734	97	955	26.632	ug/L #	62
46) Tetrachloroethene	10.810	164	336	8.733	ug/L	92
48) 2-Hexanone	10.928	43	459	16.198	ug/L #	91
49) Dibromochloromethane	11.069	129	746	18.314	ug/L #	68
50) 1,2-Dibromoethane	11.175	107	680	19.830	ug/L #	99
51) Chlorobenzene	11.604	112	2714	20.910	ug/L #	68
52) Ethylbenzene	11.681	91	3693	15.149	ug/L	89
53) m,p-Xylene	11.787	106	1476	16.639	ug/L	71
54) o-Xylene	12.122	106	1344	15.819	ug/L #	51
55) Styrene	12.128	104	2160	14.561	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	819	19.388	ug/L #	76
59) Bromoform	12.293	173	68	3.980	ug/L #	36
60) Isopropylbenzene	12.416	105	3232	19.941	ug/L #	91
61) 1,2,3-Trichloropropane	12.716	75	663	31.063	ug/L #	42
62) 1,3,5-Trimethylbenzene	12.910	105	2290	18.617	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	2135	17.134	ug/L	91
64) 1,3-Dichlorobenzene	13.457	146	1296	19.491	ug/L #	79
65) 1,4-Dichlorobenzene	13.540	146	826	12.309	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	804	13.677	ug/L #	79

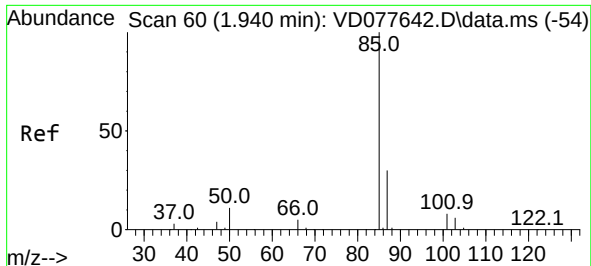
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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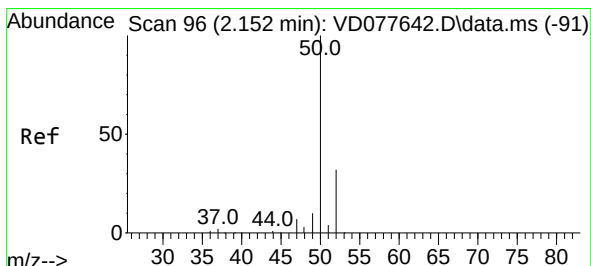
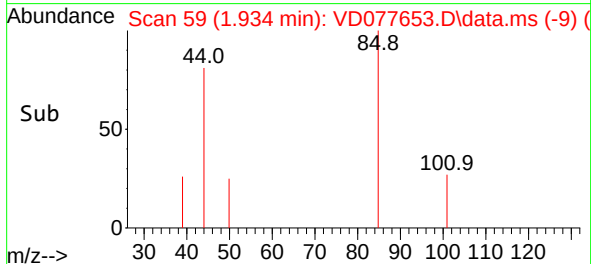
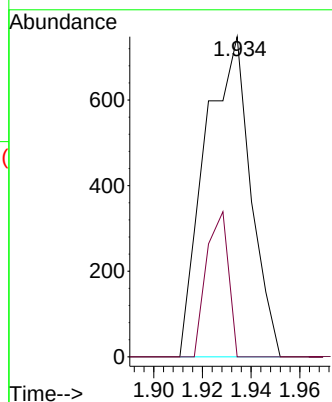
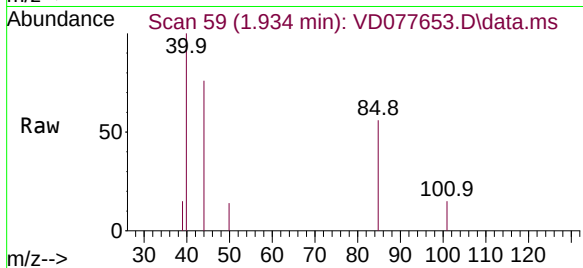




#2
 Dichlorodifluoromethane
 Concen: 13.113 ug/L
 RT: 1.934 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VD077653.D
 Acq: 21 Nov 2023 18:47

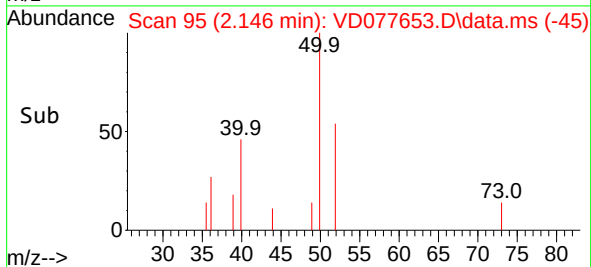
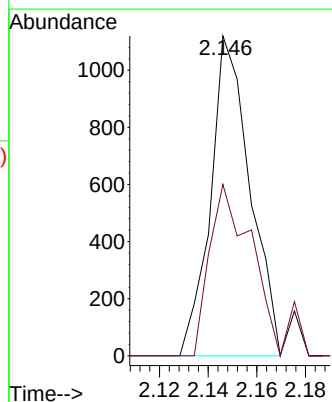
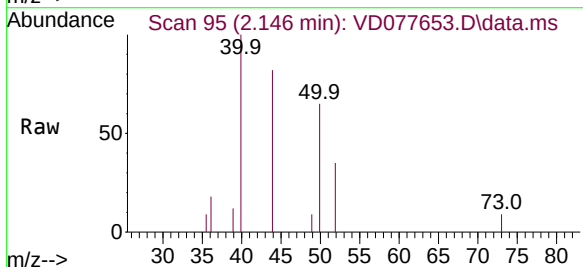
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 ClientSampleId :

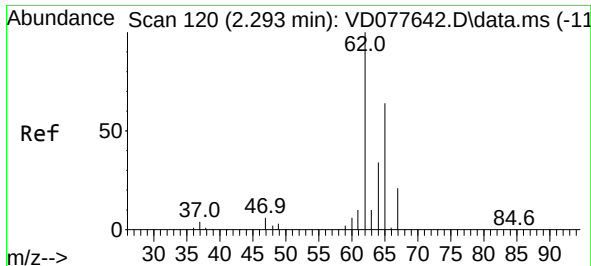
Tgt Ion: 85 Resp: 971
 Ion Ratio Lower Upper
 85 100
 87 21.9 26.2 39.2#



#3
 Chloromethane
 Concen: 11.808 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD077653.D
 Acq: 21 Nov 2023 18:47

Tgt Ion: 50 Resp: 1258
 Ion Ratio Lower Upper
 50 100
 52 53.6 22.1 41.1#

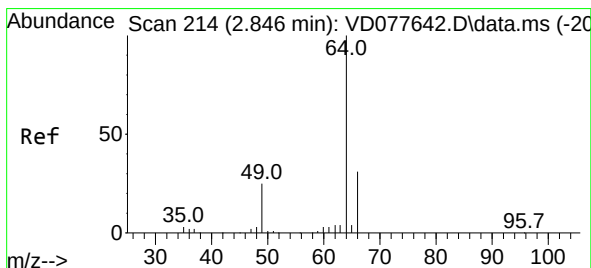
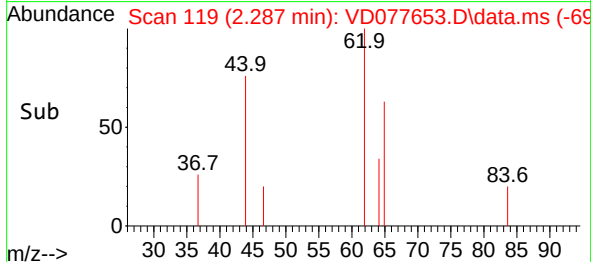
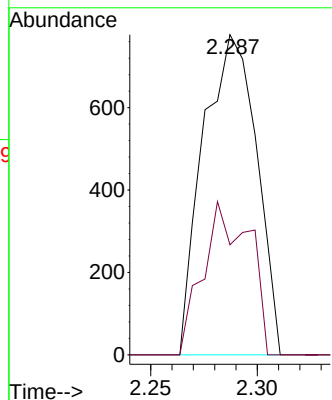
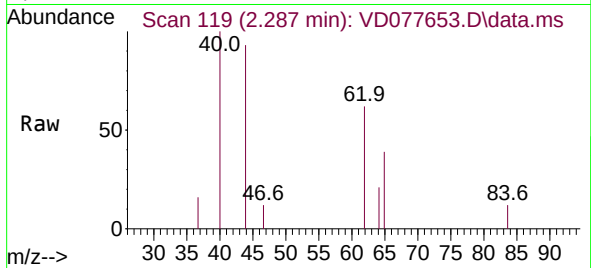




#5
 Vinyl chloride
 Concen: 11.260 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD077653.D
 Acq: 21 Nov 2023 18:47

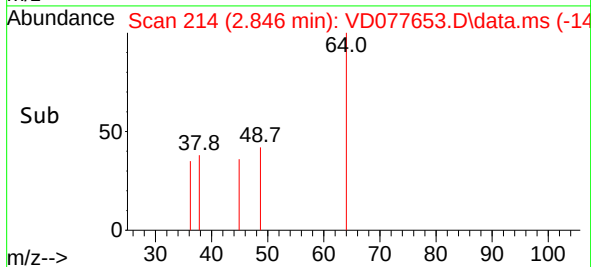
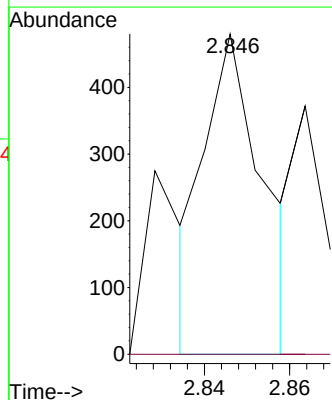
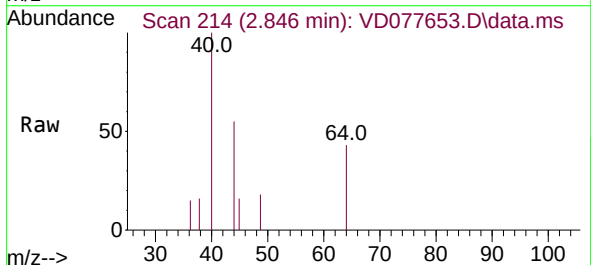
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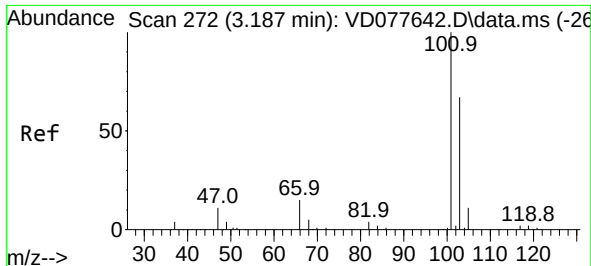
Tgt Ion: 62 Resp: 1354
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.9 44.5



#8
 Chloroethane
 Concen: 6.087 ug/L
 RT: 2.846 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VD077653.D
 Acq: 21 Nov 2023 18:47

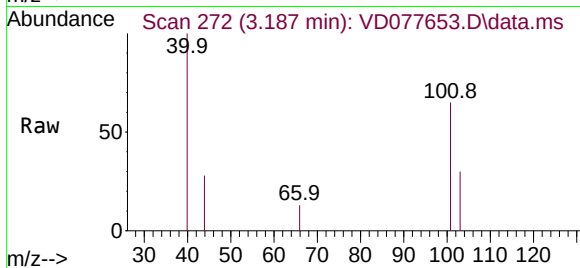
Tgt Ion: 64 Resp: 455
 Ion Ratio Lower Upper
 64 100
 66 0.0 19.8 36.8#



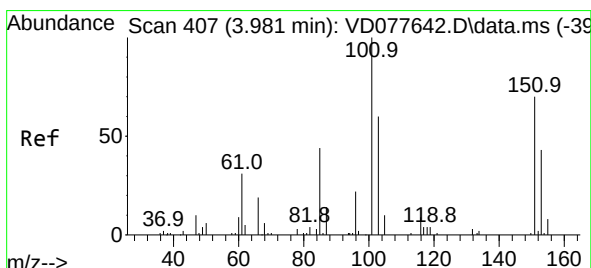
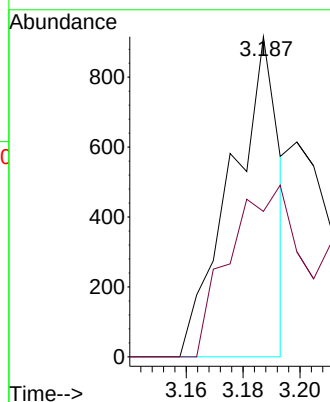
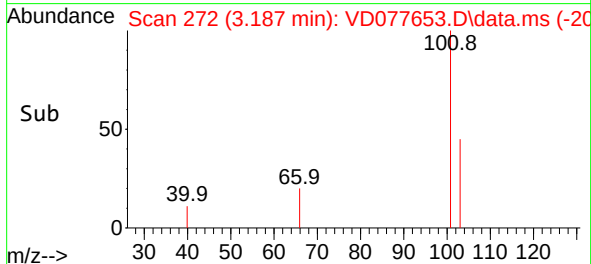


#9
 Trichlorofluoromethane
 Concen: 9.842 ug/L
 RT: 3.187 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077653.D
 Acq: 21 Nov 2023 18:47

Instrument :
 MSVOA_D
 ClientSampleId :

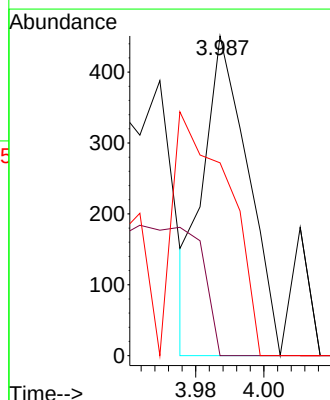
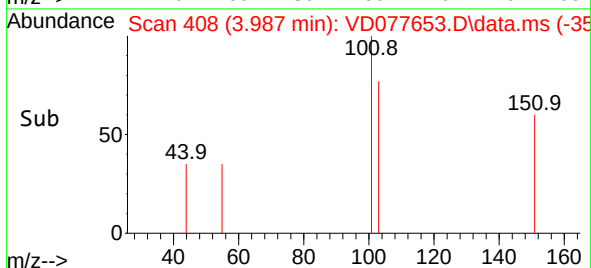
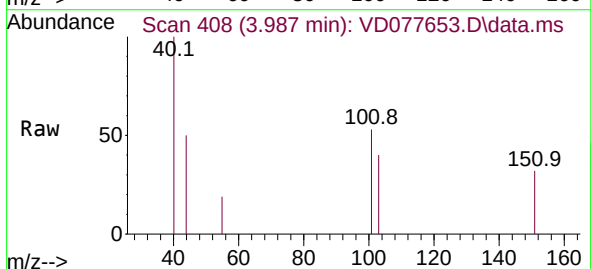


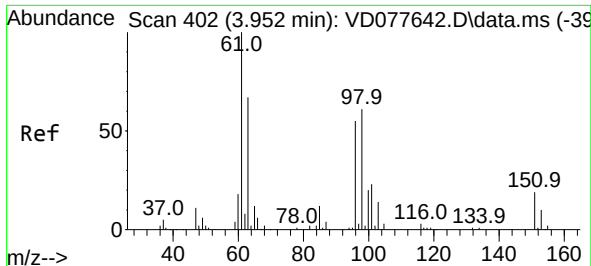
Tgt Ion:101 Resp: 1077
 Ion Ratio Lower Upper
 101 100
 103 78.6 51.9 77.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.074 ug/L
 RT: 3.987 min Scan# 408
 Delta R.T. 0.006 min
 Lab File: VD077653.D
 Acq: 21 Nov 2023 18:47

Tgt Ion:101 Resp: 409
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.8 55.2#
 151 0.0 56.6 84.8#

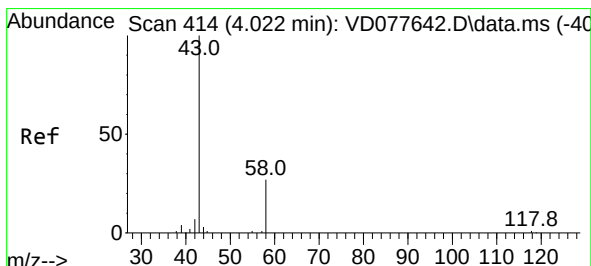
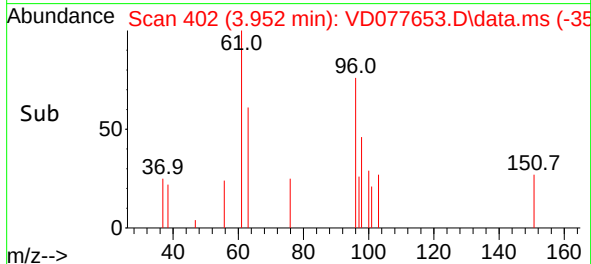
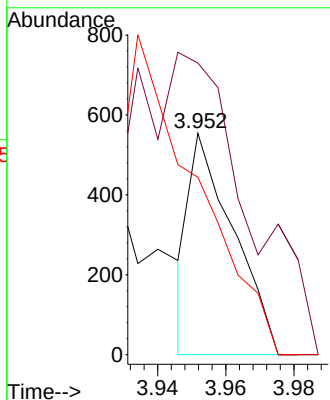
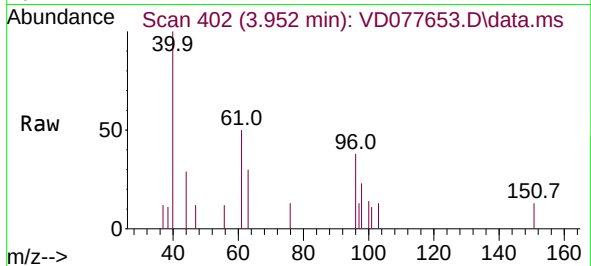




#12
1,1-Dichloroethene
Concen: 7.540 ug/L
RT: 3.952 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

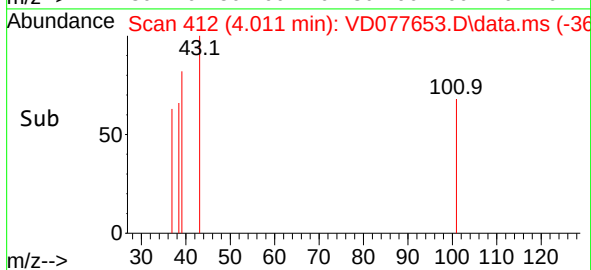
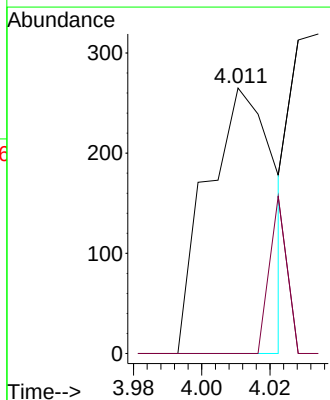
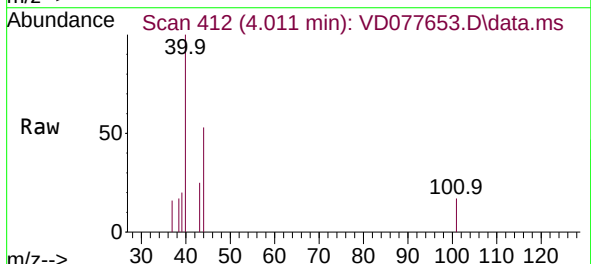
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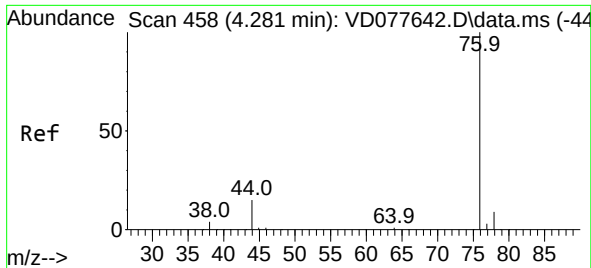
Tgt Ion: 96 Resp: 493
Ion Ratio Lower Upper
96 100
61 131.8 127.5 236.9
63 80.1 86.4 160.4#



#13
Acetone
Concen: 17.006 ug/L
RT: 4.011 min Scan# 412
Delta R.T. -0.012 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

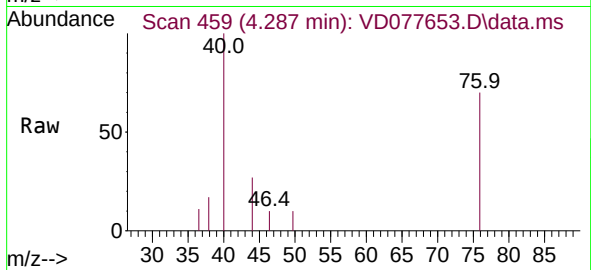
Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
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58 0.0 0.0 64.0



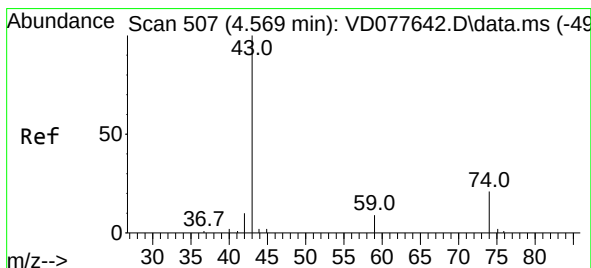
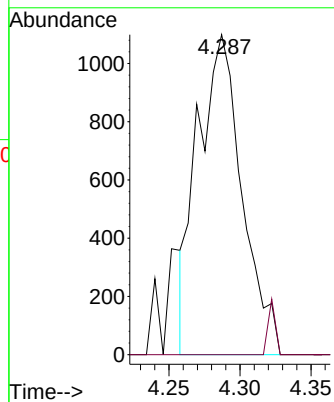
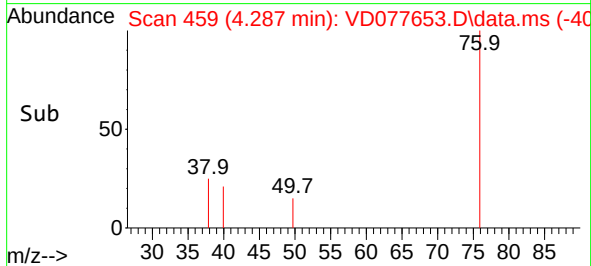


#14
Carbon disulfide
Concen: 10.104 ug/L
RT: 4.287 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077653.D
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Instrument :
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ClientSampleId :

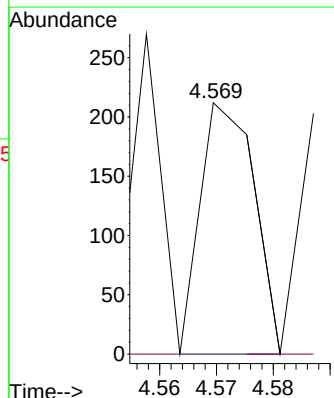
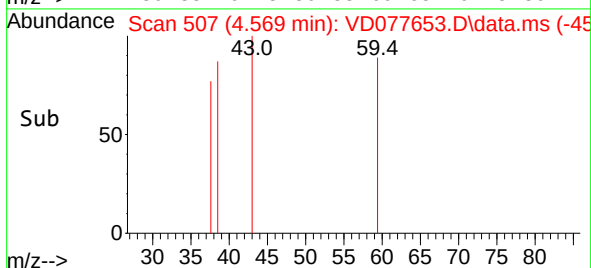
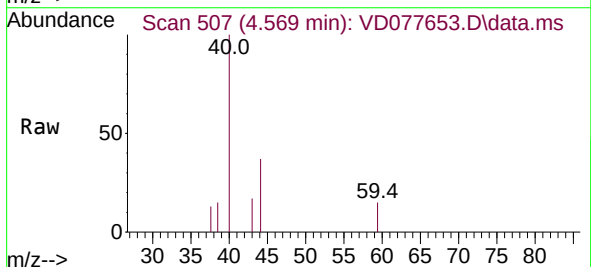


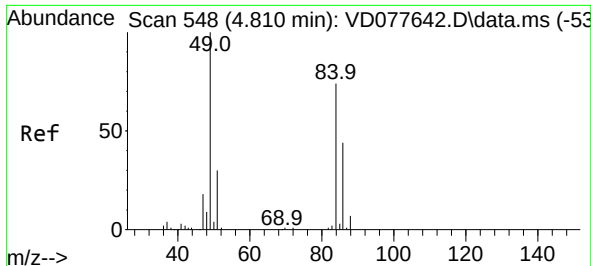
Tgt Ion: 76 Resp: 2379
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#15
Methyl Acetate
Concen: 3.998 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
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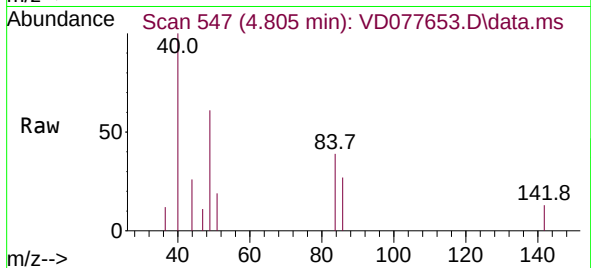
Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





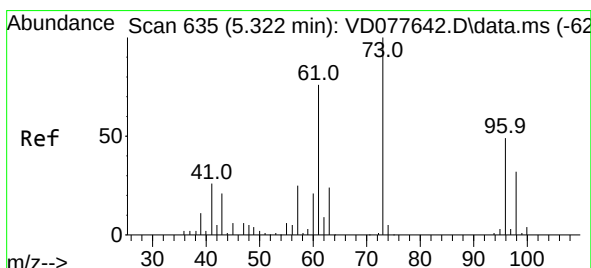
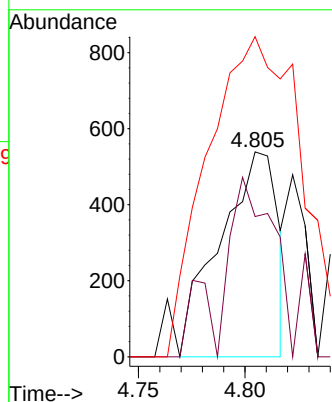
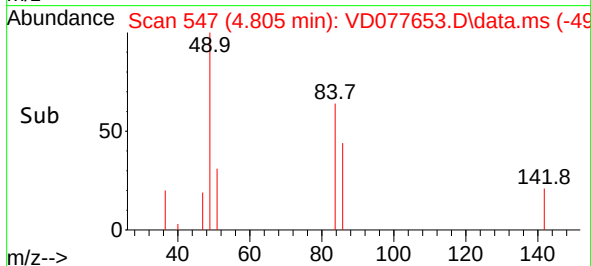
#16
Methylene chloride
Concen: 13.178 ug/L
RT: 4.805 min Scan# 548
Delta R.T. -0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 1023

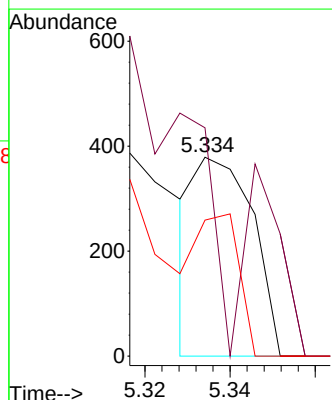
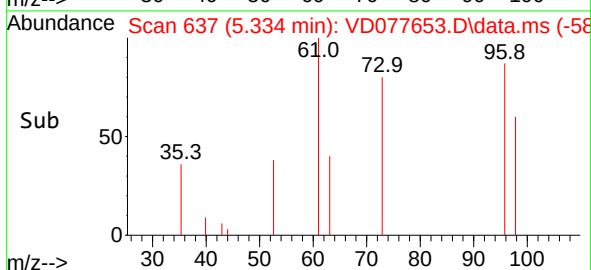
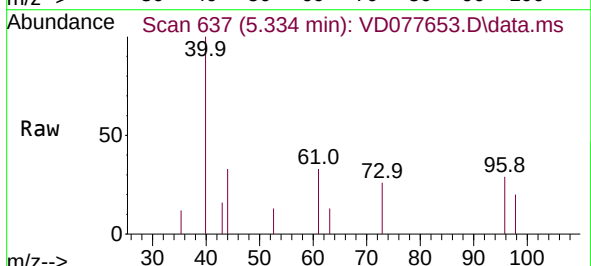
Ion	Ratio	Lower	Upper
84	100		
86	68.5	46.5	86.5
49	156.2	98.3	182.7

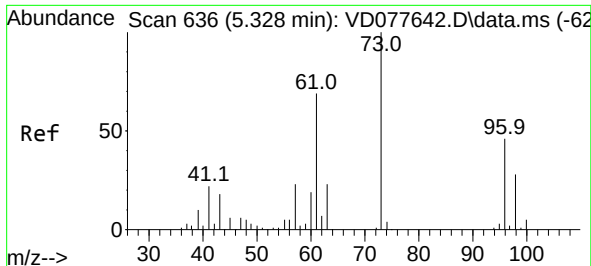


#17
trans-1,2-Dichloroethene
Concen: 5.161 ug/L
RT: 5.334 min Scan# 637
Delta R.T. 0.012 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Tgt Ion: 96 Resp: 355

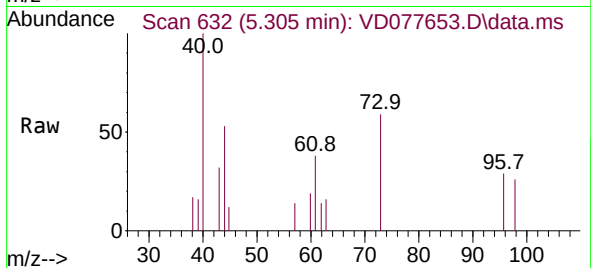
Ion	Ratio	Lower	Upper
96	100		
61	114.8	104.0	193.2
98	68.3	43.1	80.1



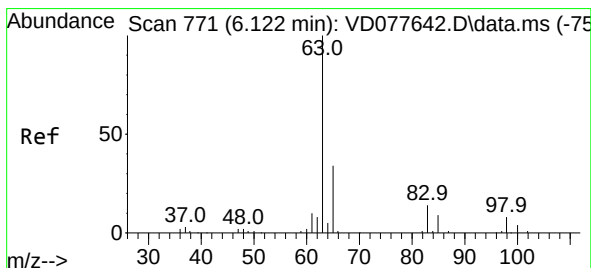
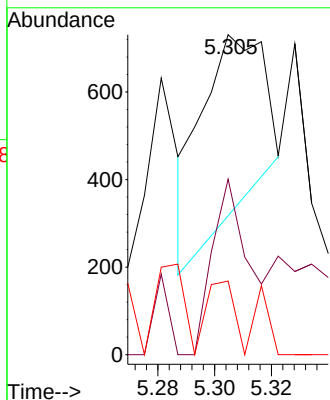
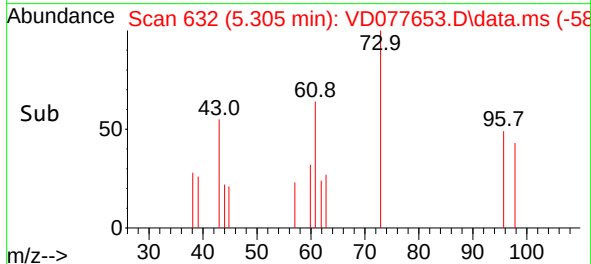


#18
Methyl tert-butyl Ether
Concen: 3.958 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.023 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

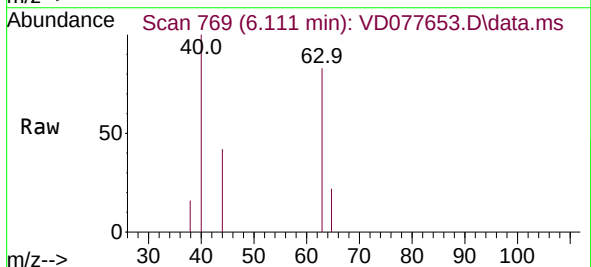
Instrument :
MSVOA_D
ClientSampleId :



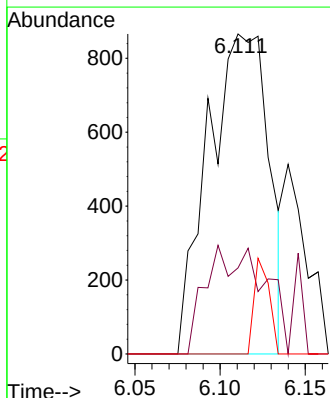
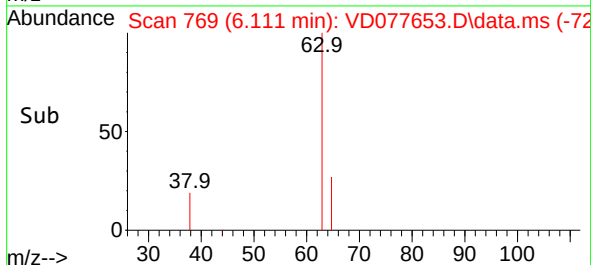
Tgt Ion: 73 Resp: 639
Ion Ratio Lower Upper
73 100
43 56.3 16.4 24.6#
57 18.2 19.3 28.9#

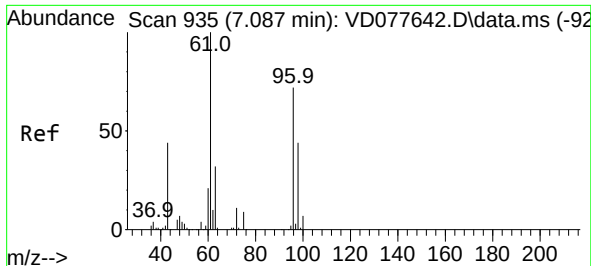


#19
1,1-Dichloroethane
Concen: 15.594 ug/L
RT: 6.111 min Scan# 769
Delta R.T. -0.012 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47



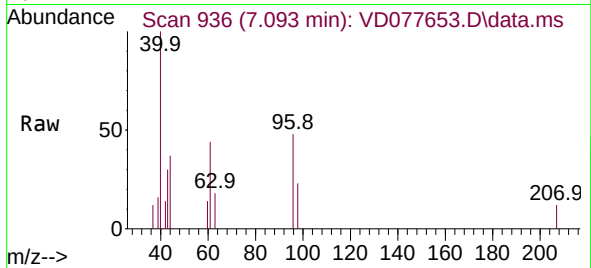
Tgt Ion: 63 Resp: 2152
Ion Ratio Lower Upper
63 100
65 26.9 22.6 42.0
83 0.0 8.8 16.3#



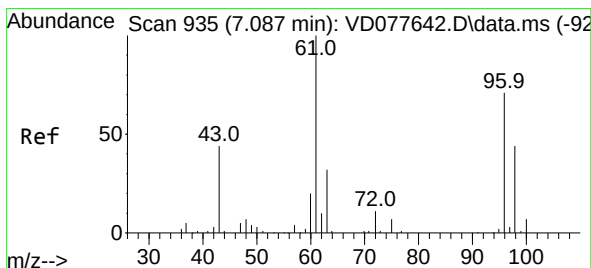
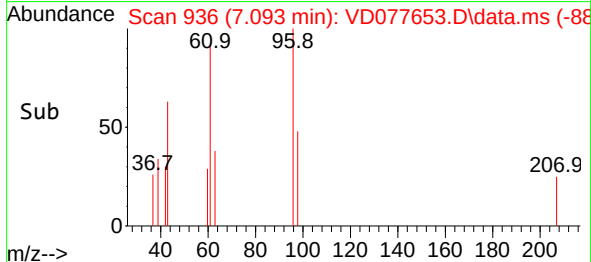
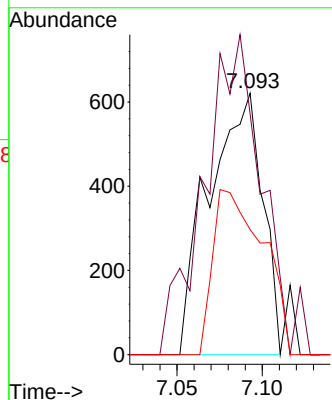


#20
 cis-1,2-Dichloroethene
 Concen: 18.186 ug/L
 RT: 7.093 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077653.D
 Acq: 21 Nov 2023 18:47

Instrument :
 MSVOA_D
 ClientSampleId :

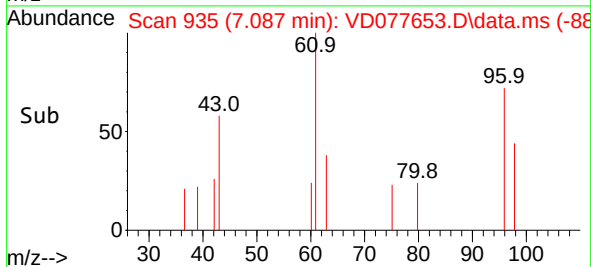
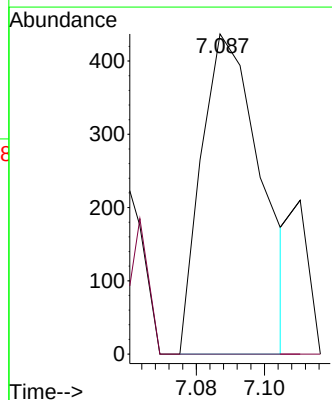
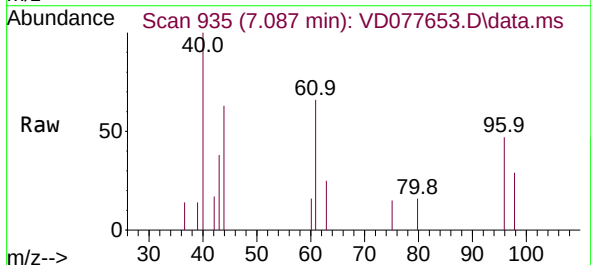


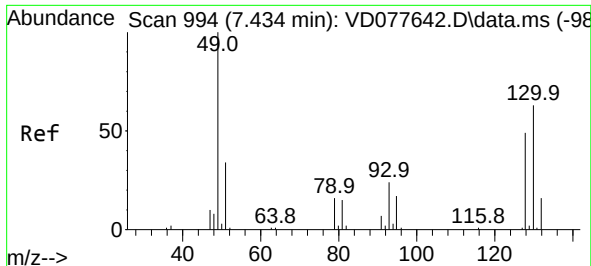
Tgt Ion: 96 Resp: 1359
 Ion Ratio Lower Upper
 96 100
 61 92.1 95.0 176.4#
 98 47.8 43.1 80.1



#22
 2-Butanone
 Concen: 20.810 ug/L
 RT: 7.087 min Scan# 935
 Delta R.T. 0.000 min
 Lab File: VD077653.D
 Acq: 21 Nov 2023 18:47

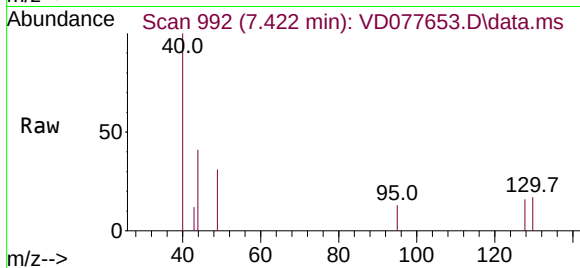
Tgt Ion: 43 Resp: 533
 Ion Ratio Lower Upper
 43 100
 72 0.0 12.8 38.4#



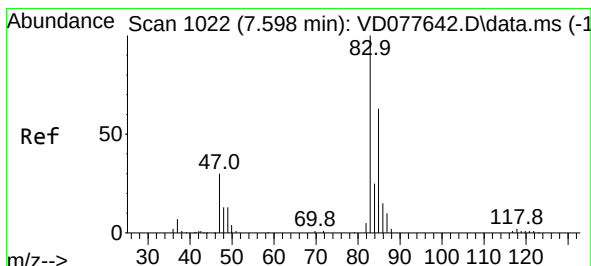
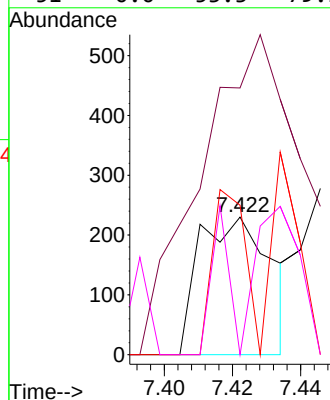
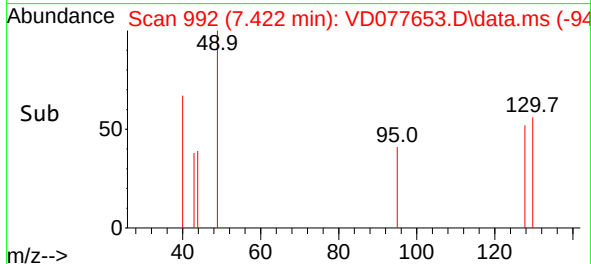


#23
Bromochloromethane
Concen: 11.257 ug/L
RT: 7.422 min Scan# 994
Delta R.T. -0.012 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Instrument :
MSVOA_D
ClientSampleId :

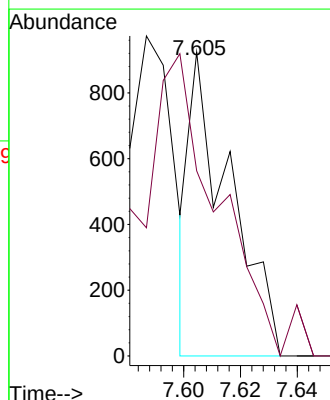
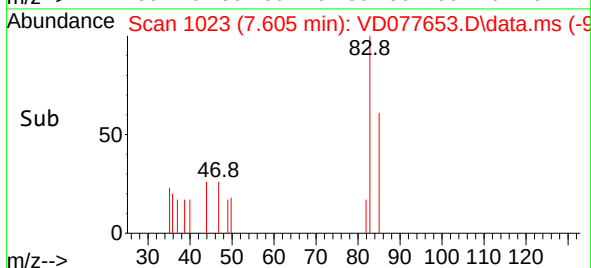
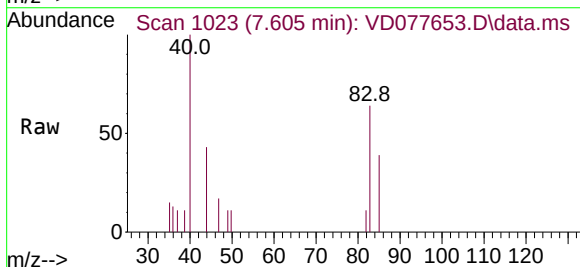


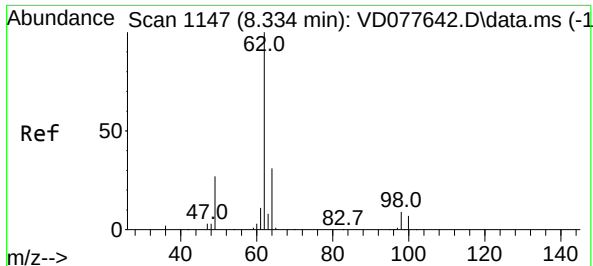
Tgt Ion:128 Resp: 338
Ion Ratio Lower Upper
128 100
49 193.9 146.7 272.5
130 108.7 83.2 154.6
51 0.0 53.3 79.9#



#25
Chloroform
Concen: 7.123 ug/L
RT: 7.605 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Tgt Ion: 83 Resp: 903
Ion Ratio Lower Upper
83 100
85 60.9 45.9 85.3

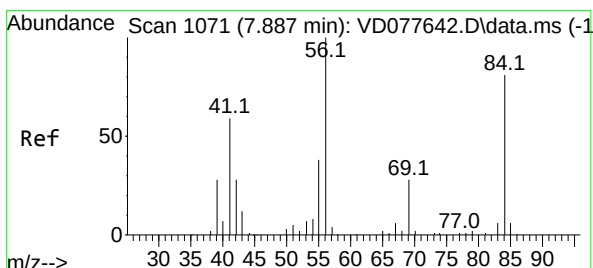
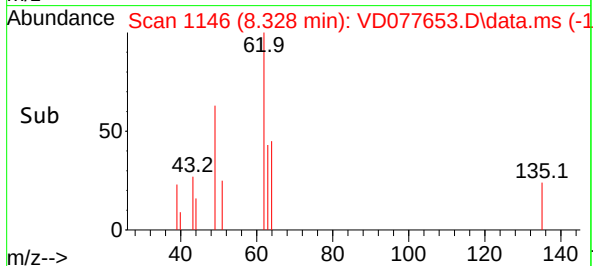
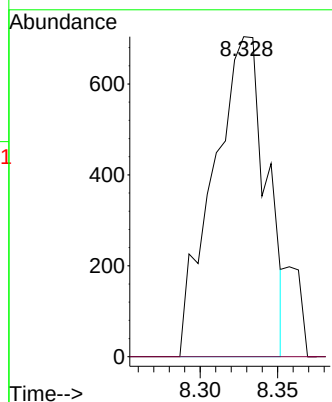
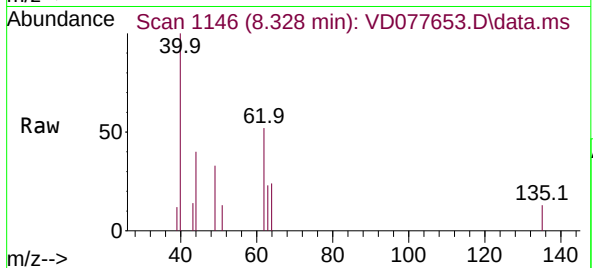




#27
1,2-Dichloroethane
Concen: 19.907 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

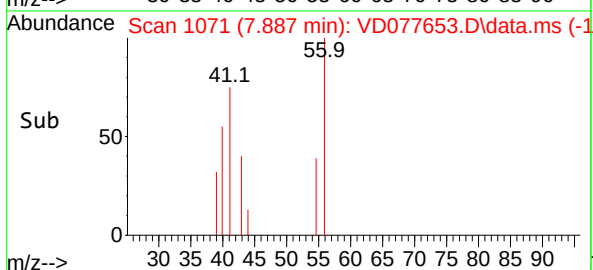
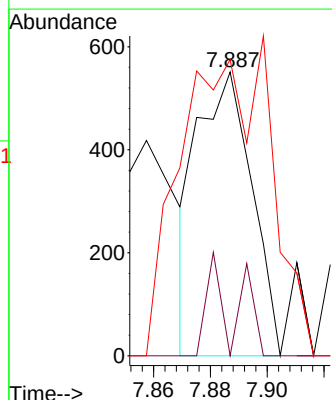
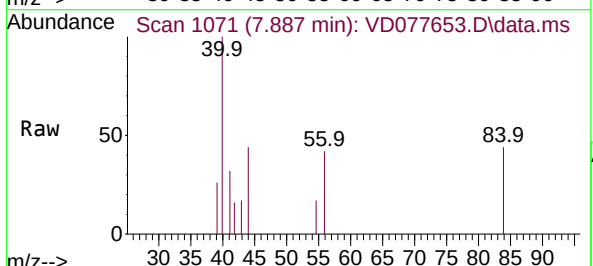
Instrument :
MSVOA_D
ClientSampleId :

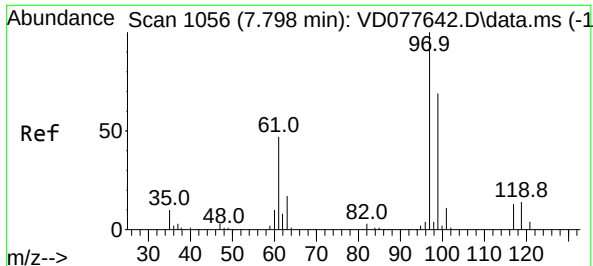
Tgt Ion: 62 Resp: 1673
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#



#29
Cyclohexane
Concen: 7.409 ug/L
RT: 7.887 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Tgt Ion: 56 Resp: 732
Ion Ratio Lower Upper
56 100
69 9.7 22.6 33.8#
84 130.9 63.3 94.9#





#30

1,1,1-Trichloroethane

Concen: 5.812 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD077653.D

Acq: 21 Nov 2023 18:47

Instrument :

MSVOA_D

ClientSampleId :

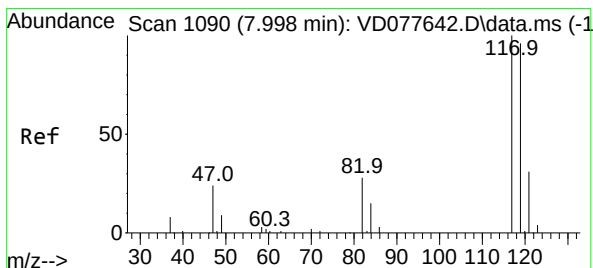
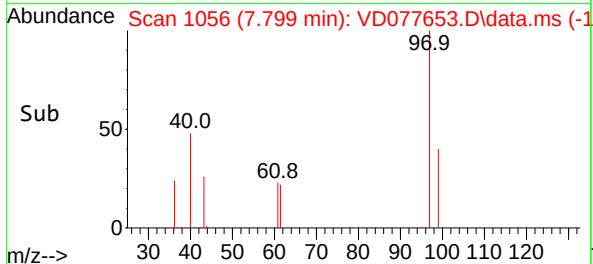
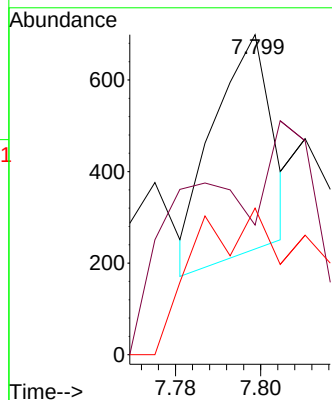
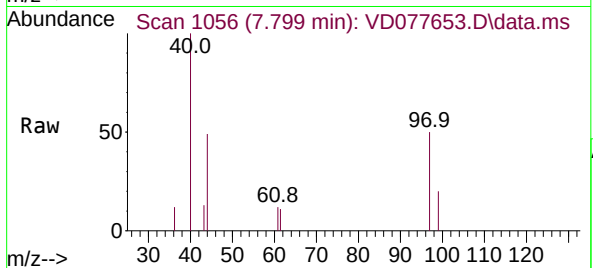
Tgt Ion: 97 Resp: 463

Ion Ratio Lower Upper

97 100

99 124.2 51.4 77.2#

61 90.9 38.1 57.1#



#31

Carbon tetrachloride

Concen: 5.404 ug/L

RT: 7.999 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD077653.D

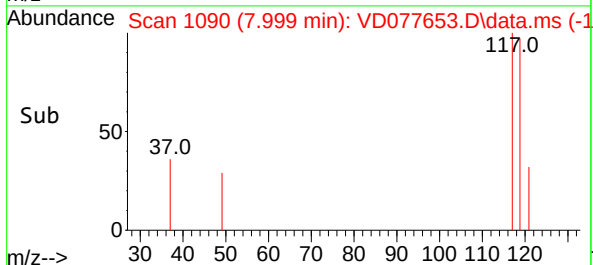
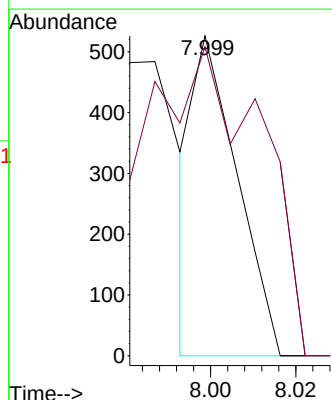
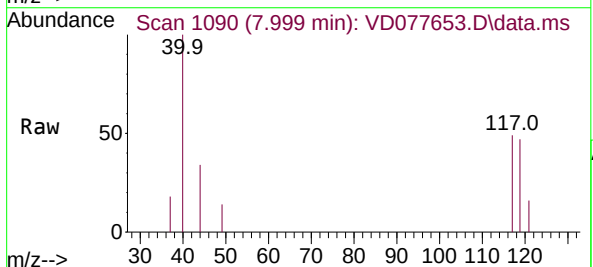
Acq: 21 Nov 2023 18:47

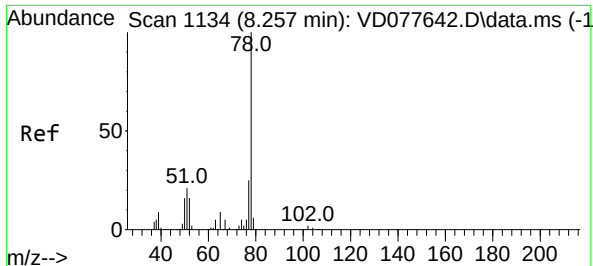
Tgt Ion: 117 Resp: 370

Ion Ratio Lower Upper

117 100

119 209.2 75.4 113.0#

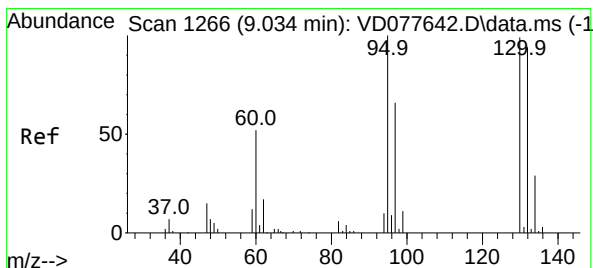
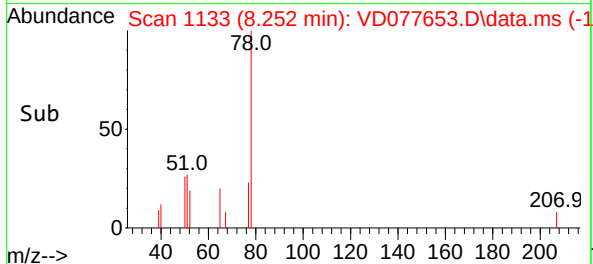
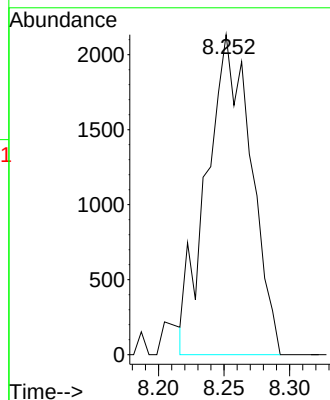
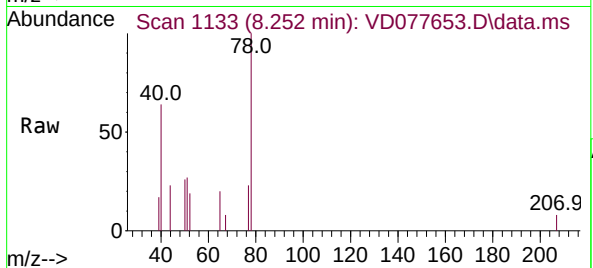




#33
Benzene
Concen: 23.818 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Instrument :
MSVOA_D
ClientSampleId :

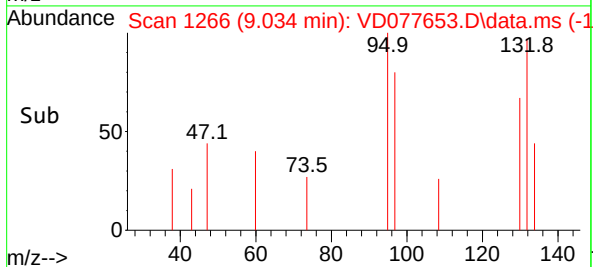
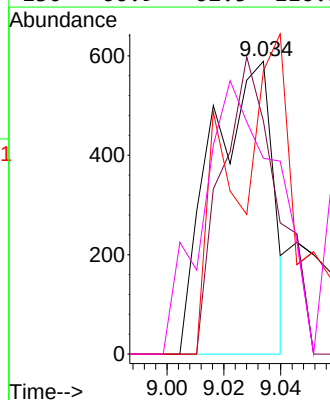
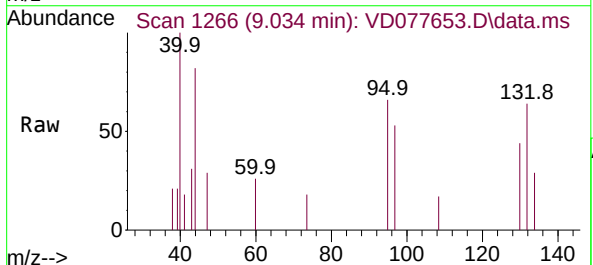
Tgt Ion: 78 Resp: 5026

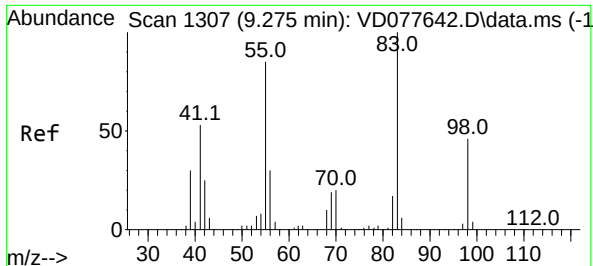


#34
Trichloroethene
Concen: 16.925 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Tgt Ion: 95 Resp: 885

Ion	Ratio	Lower	Upper
95	100		
97	79.6	42.4	78.6
132	96.8	59.4	110.2
130	66.9	62.5	116.1

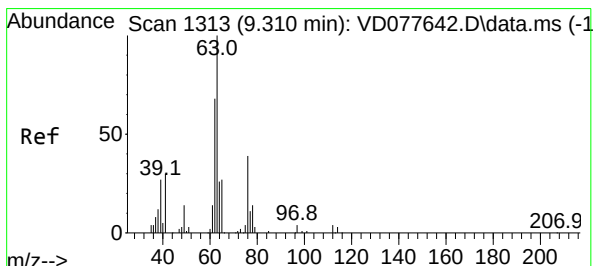
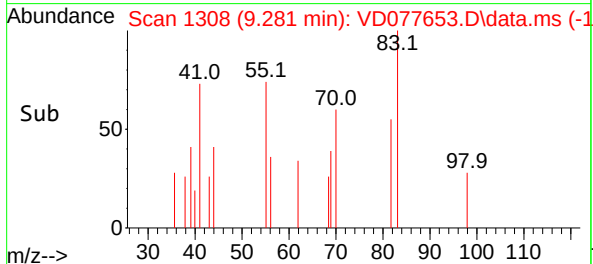
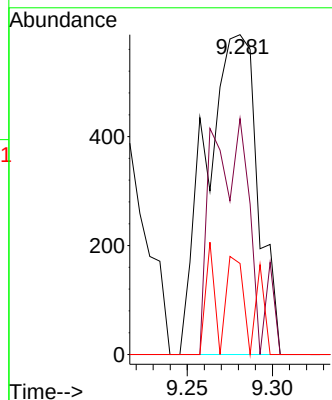
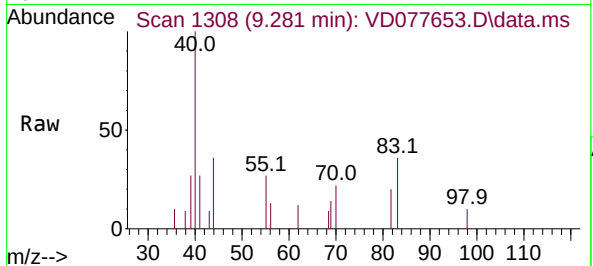




#35
Methylcyclohexane
Concen: 13.152 ug/L
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

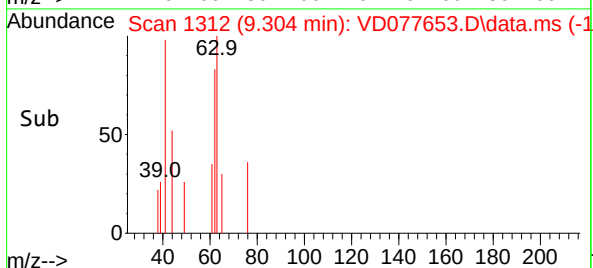
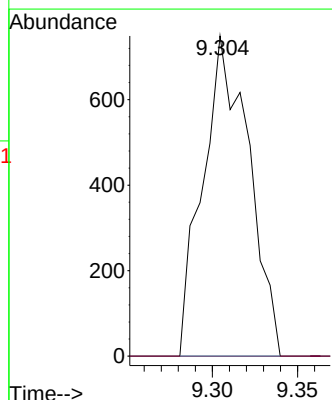
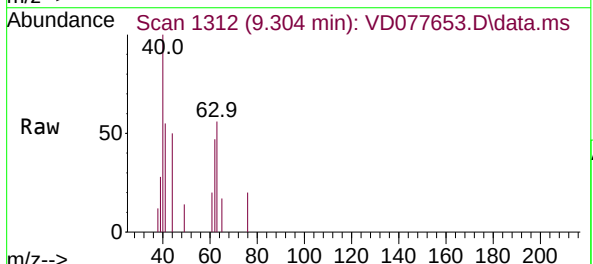
Instrument :
MSVOA_D
ClientSampleId :

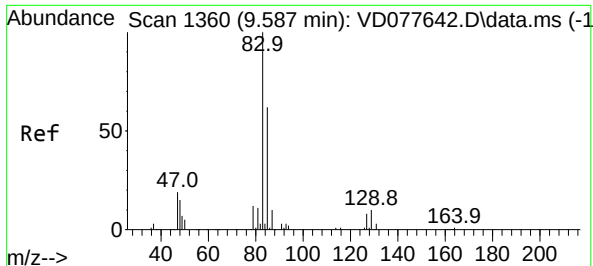
Tgt Ion: 83 Resp: 1241
Ion Ratio Lower Upper
83 100
55 20.1 66.5 99.7#
98 9.8 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 23.984 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Tgt Ion: 63 Resp: 1407
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#38

Bromodichloromethane

Concen: 13.969 ug/L

RT: 9.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD077653.D

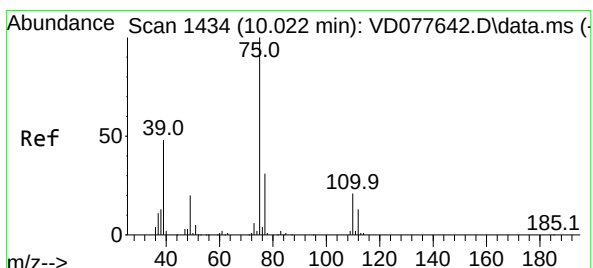
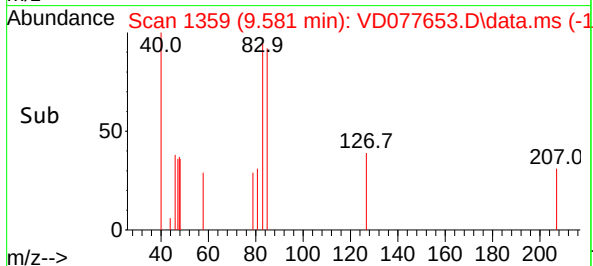
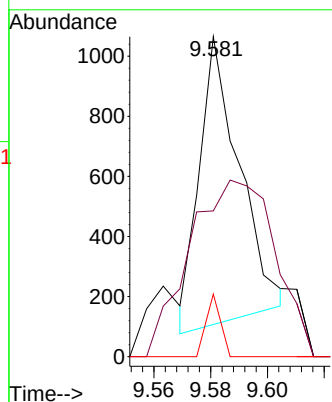
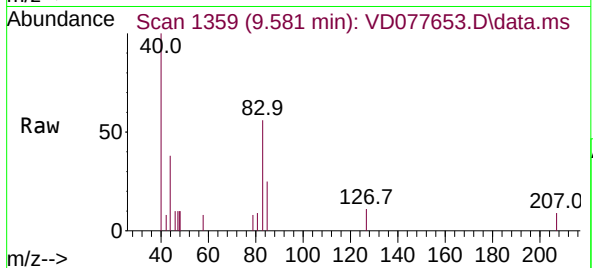
Acq: 21 Nov 2023 18:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	940
Ion	Ratio	Lower	Upper
83	100		
85	45.5	42.4	78.8
127	19.5	6.4	9.6#



#39

cis-1,3-Dichloropropene

Concen: 13.168 ug/L

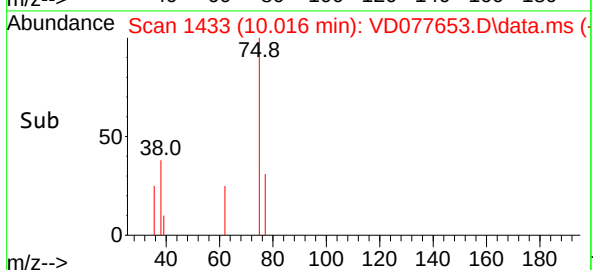
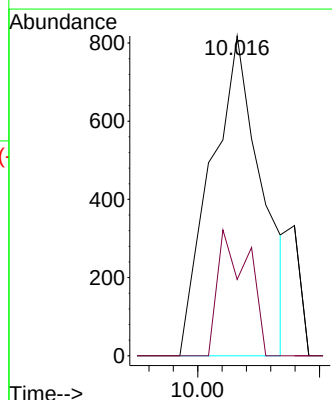
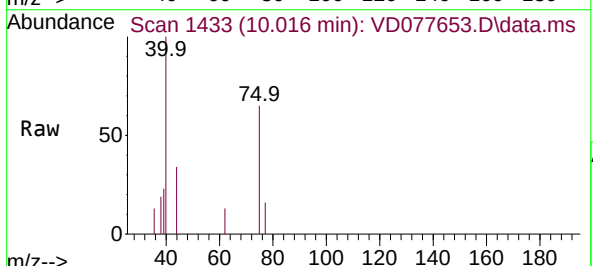
RT: 10.016 min Scan# 1433

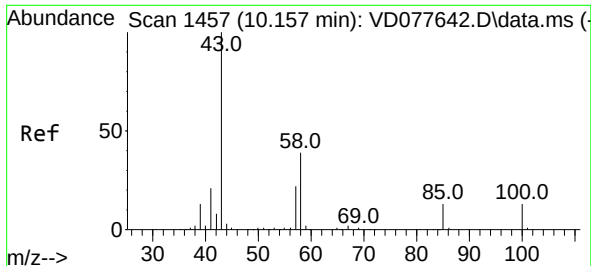
Delta R.T. -0.006 min

Lab File: VD077653.D

Acq: 21 Nov 2023 18:47

Tgt Ion:	75	Resp:	1187
Ion	Ratio	Lower	Upper
75	100		
77	23.8	22.5	41.9





#40

4-Methyl-2-pentanone

Concen: 39.218 ug/L

RT: 10.152 min Scan# 1456

Delta R.T. -0.006 min

Lab File: VD077653.D

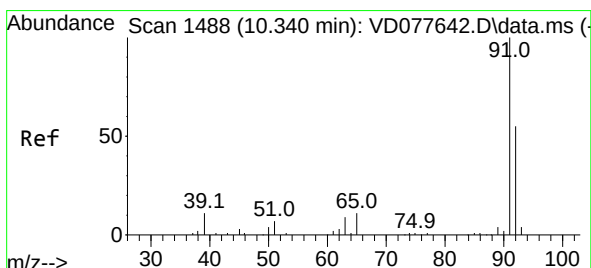
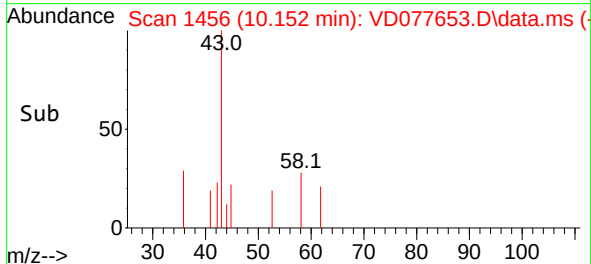
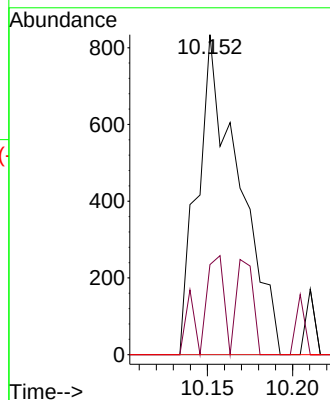
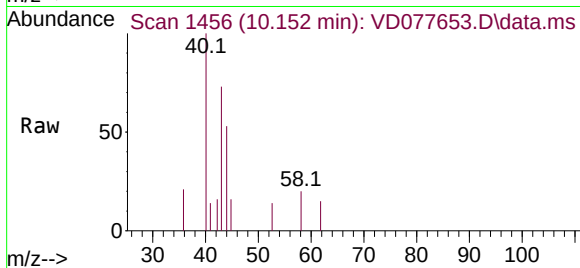
Acq: 21 Nov 2023 18:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	1402
Ion	Ratio	Lower	Upper
43	100		
58	12.4	29.8	44.8#
100	0.0	9.5	14.3#



#42

Toluene

Concen: 21.246 ug/L

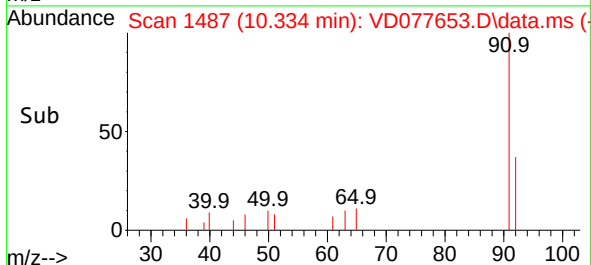
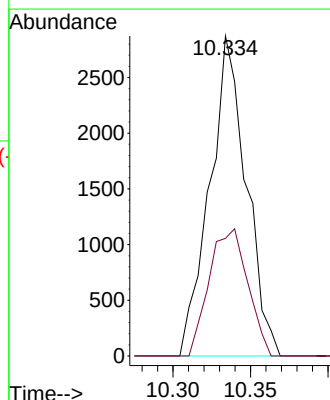
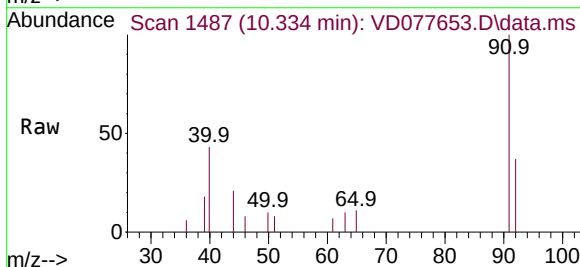
RT: 10.334 min Scan# 1487

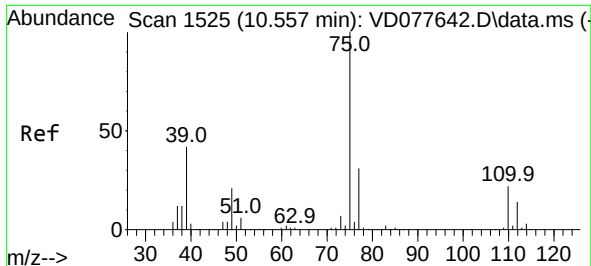
Delta R.T. -0.006 min

Lab File: VD077653.D

Acq: 21 Nov 2023 18:47

Tgt Ion:	91	Resp:	4707
Ion	Ratio	Lower	Upper
91	100		
92	36.8	39.3	73.1#

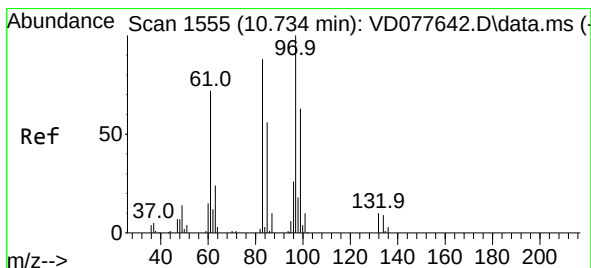
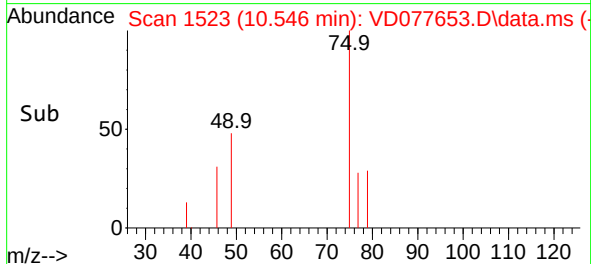
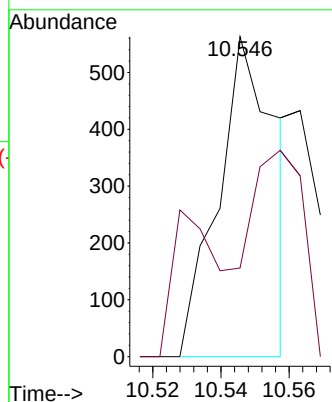
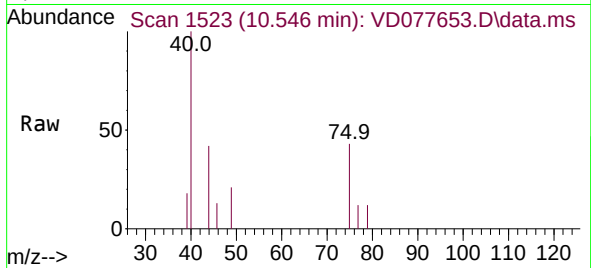




#44
trans-1,3-Dichloropropene
Concen: 8.861 ug/L
RT: 10.546 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

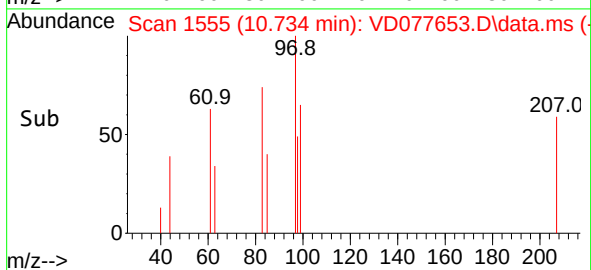
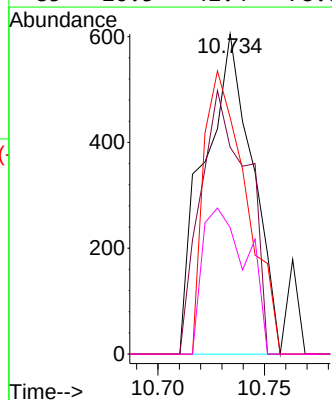
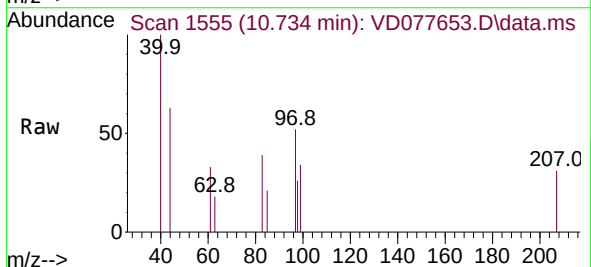
Instrument :
MSVOA_D
ClientSampleId :

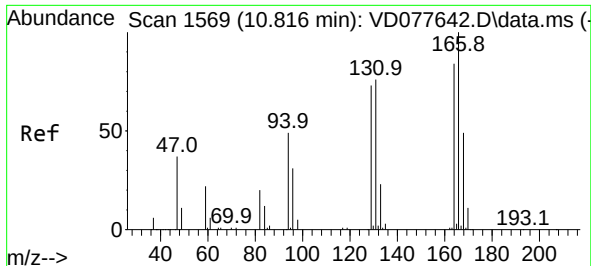
Tgt Ion: 75 Resp: 660
Ion Ratio Lower Upper
75 100
77 27.7 22.3 41.5



#45
1,1,2-Trichloroethane
Concen: 26.632 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

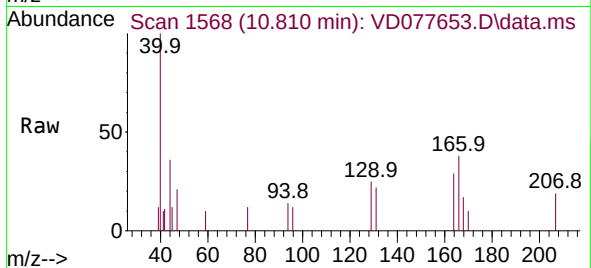
Tgt Ion: 97 Resp: 955
Ion Ratio Lower Upper
97 100
99 43.3 43.5 80.7#
83 49.5 63.1 117.3#
85 26.5 42.4 78.8#



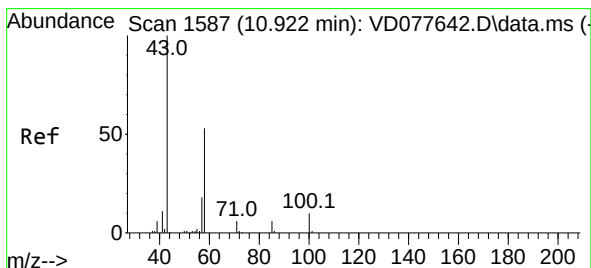
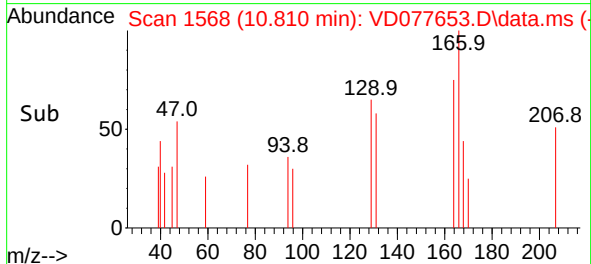
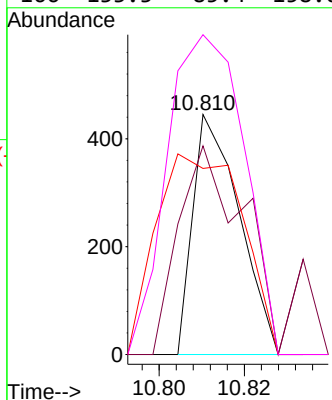


#46
Tetrachloroethene
Concen: 8.733 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Instrument :
MSVOA_D
ClientSampleId :

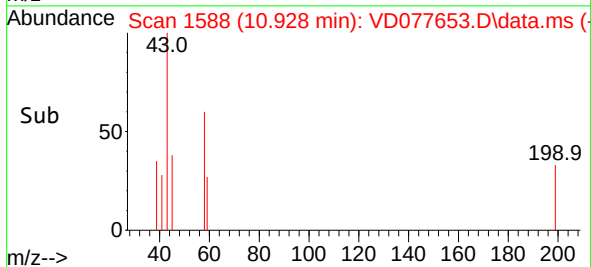
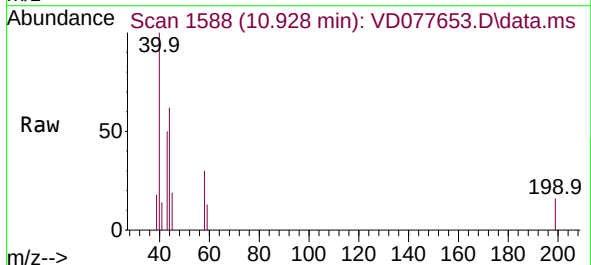
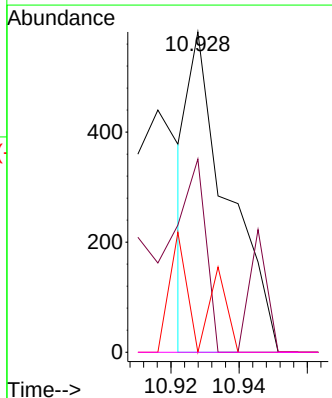


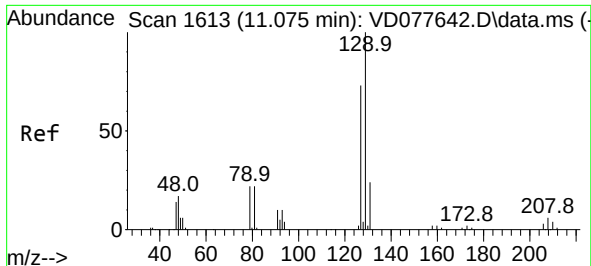
Tgt Ion:	164	Resp:	336
Ion	Ratio	Lower	Upper
164	100		
129	87.0	60.6	112.6
131	77.5	61.6	114.4
166	133.3	85.4	158.6



#48
2-Hexanone
Concen: 16.198 ug/L
RT: 10.928 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Tgt Ion:	43	Resp:	459
Ion	Ratio	Lower	Upper
43	100		
58	44.7	40.8	61.2
57	16.8	13.7	20.5
100	0.0	7.8	11.8





#49

Dibromochloromethane

Concen: 18.314 ug/L

RT: 11.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD077653.D

Acq: 21 Nov 2023 18:47

Instrument :

MSVOA_D

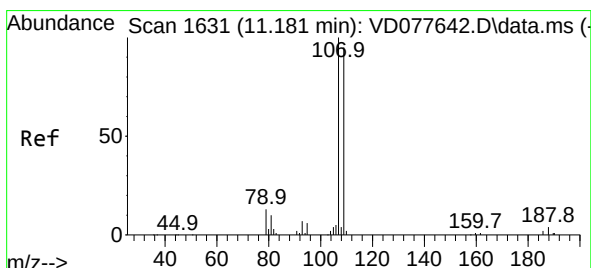
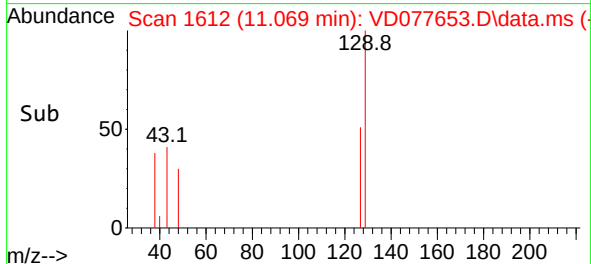
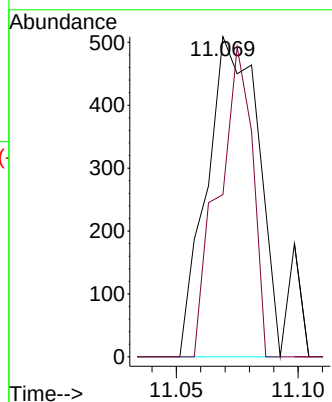
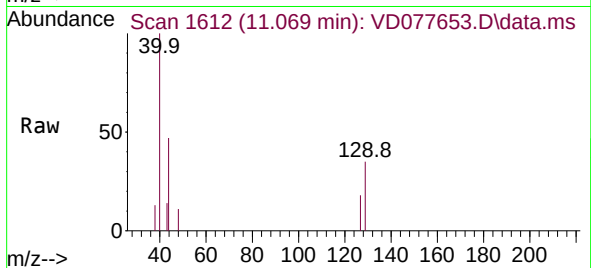
ClientSampleId :

Tgt Ion:129 Resp: 746

Ion Ratio Lower Upper

129 100

127 50.7 54.9 102.1#



#50

1,2-Dibromoethane

Concen: 19.830 ug/L

RT: 11.175 min Scan# 1630

Delta R.T. -0.006 min

Lab File: VD077653.D

Acq: 21 Nov 2023 18:47

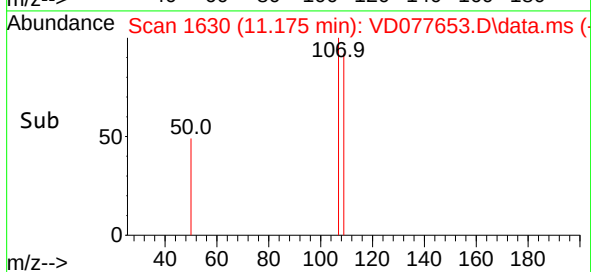
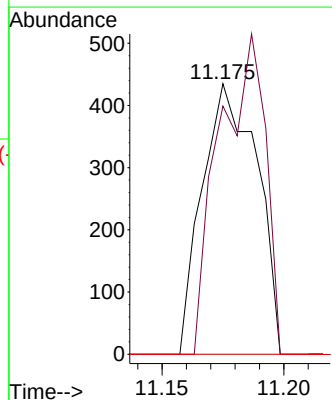
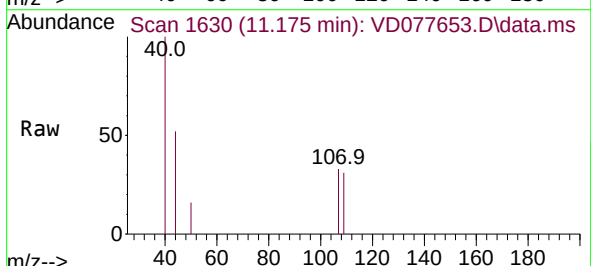
Tgt Ion:107 Resp: 680

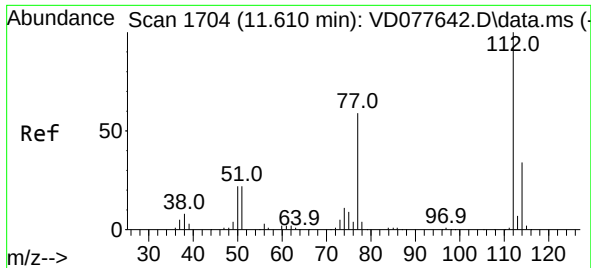
Ion Ratio Lower Upper

107 100

109 91.7 64.8 120.3

188 0.0 3.2 4.8#

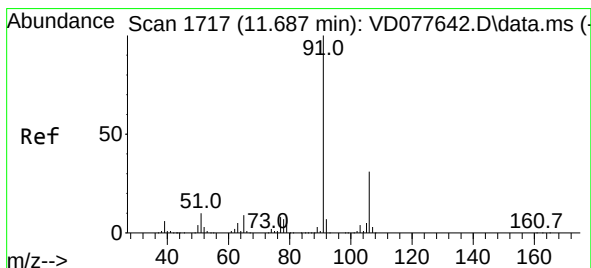
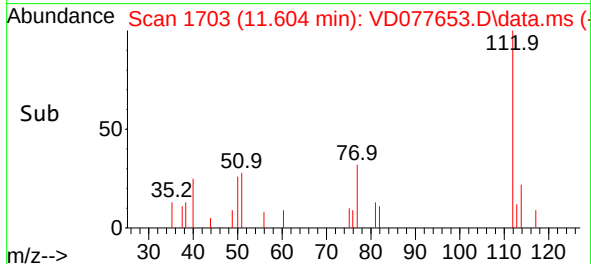
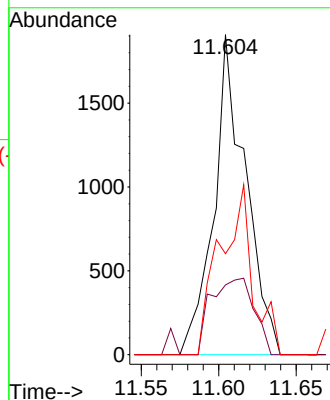
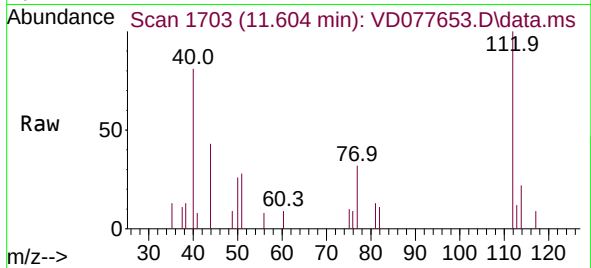




#51
Chlorobenzene
Concen: 20.910 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

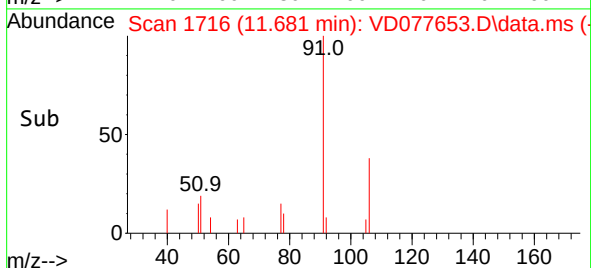
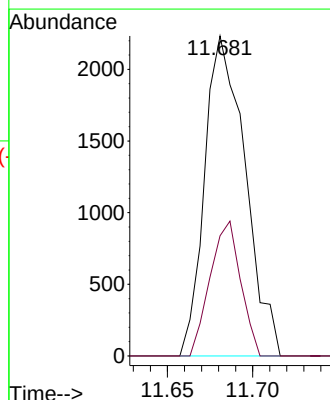
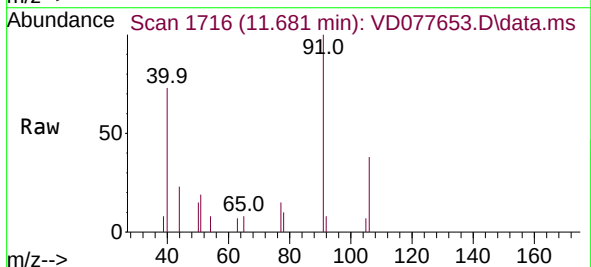
Instrument :
MSVOA_D
ClientSampleId :

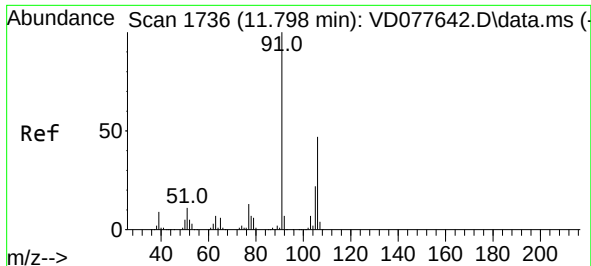
Tgt Ion:112 Resp: 2714
Ion Ratio Lower Upper
112 100
114 21.8 22.4 41.6#
77 31.6 49.6 74.4#



#52
Ethylbenzene
Concen: 15.149 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Tgt Ion: 91 Resp: 3693
Ion Ratio Lower Upper
91 100
106 37.5 22.0 40.8

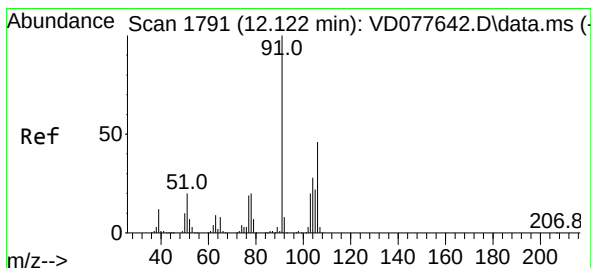
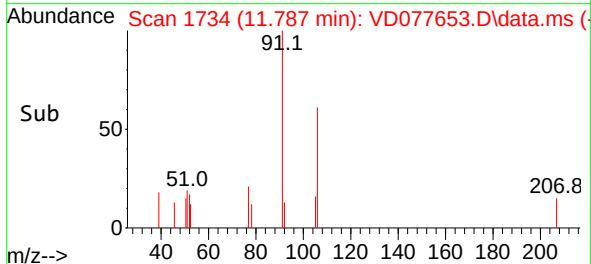
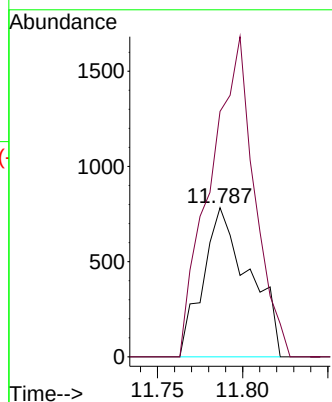
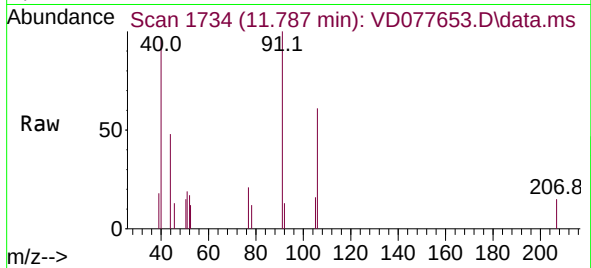




#53
m,p-Xylene
Concen: 16.639 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.012 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

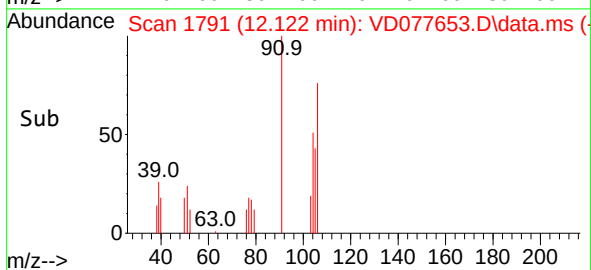
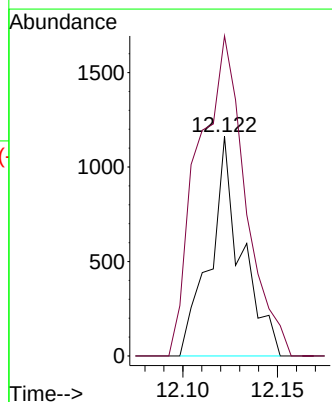
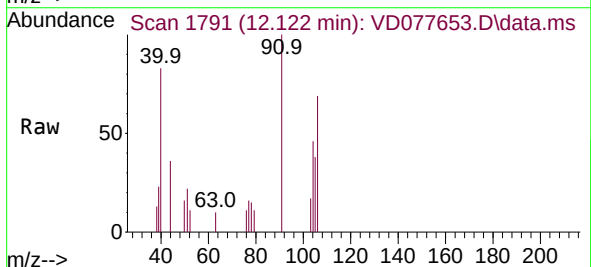
Instrument :
MSVOA_D
ClientSampleId :

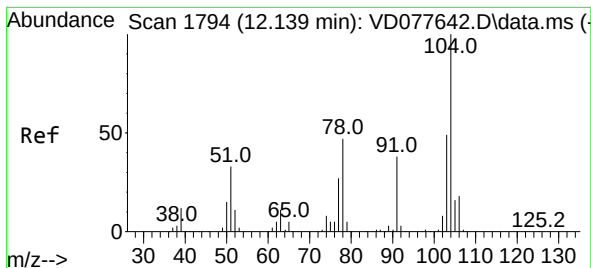
Tgt Ion:106 Resp: 1476
Ion Ratio Lower Upper
106 100
91 164.6 146.7 272.4



#54
o-Xylene
Concen: 15.819 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Tgt Ion:106 Resp: 1344
Ion Ratio Lower Upper
106 100
91 145.8 158.5 294.4#





#55

Styrene

Concen: 14.561 ug/L

RT: 12.128 min Scan# 1792

Delta R.T. -0.012 min

Lab File: VD077653.D

Acq: 21 Nov 2023 18:47

Instrument :

MSVOA_D

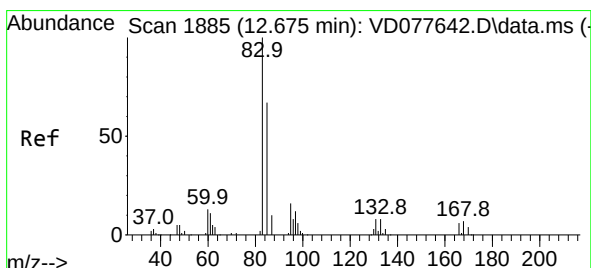
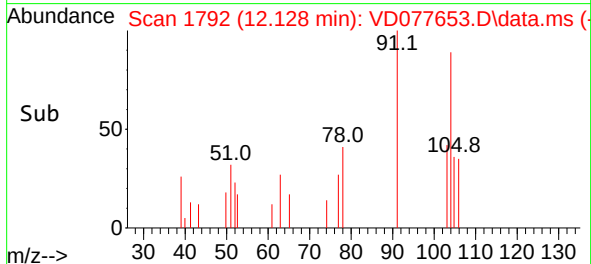
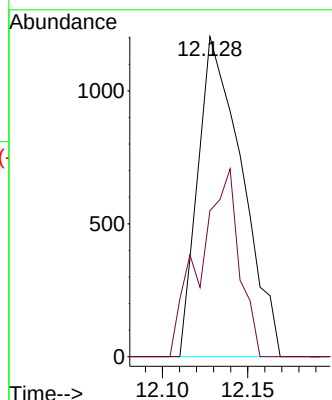
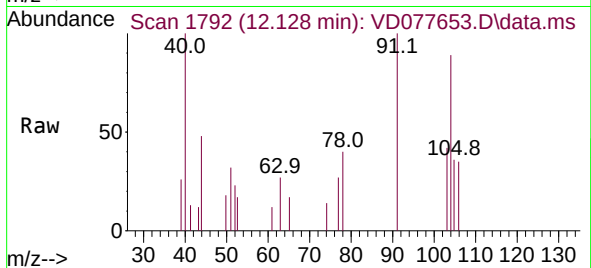
ClientSampleId :

Tgt Ion:104 Resp: 2160

Ion Ratio Lower Upper

104 100

78 45.6 34.9 64.9



#57

1,1,2,2-Tetrachloroethane

Concen: 19.388 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD077653.D

Acq: 21 Nov 2023 18:47

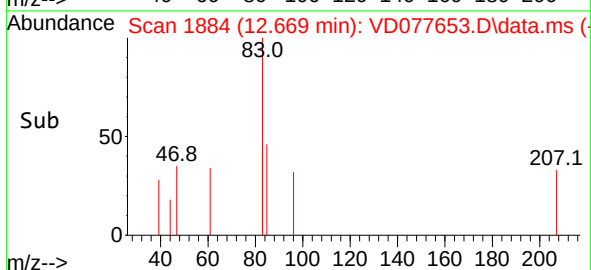
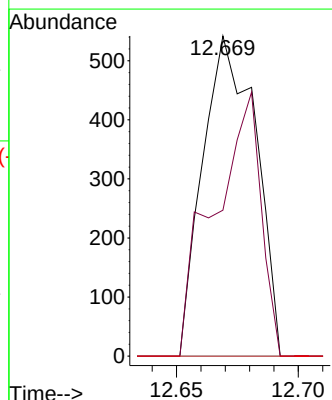
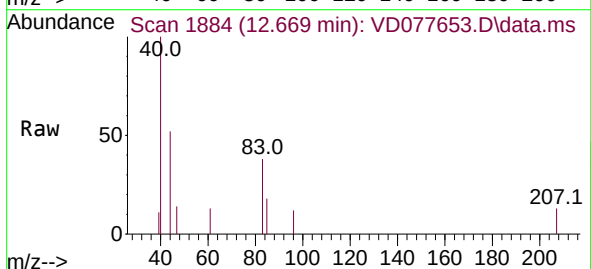
Tgt Ion: 83 Resp: 819

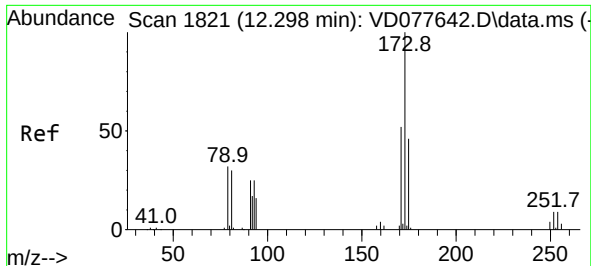
Ion Ratio Lower Upper

83 100

85 45.6 44.9 83.3

131 0.0 7.2 10.8#

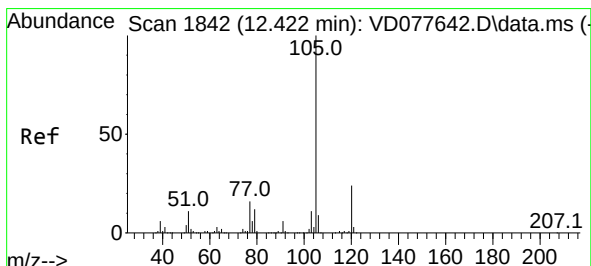
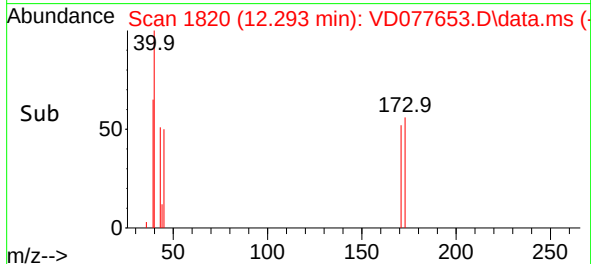
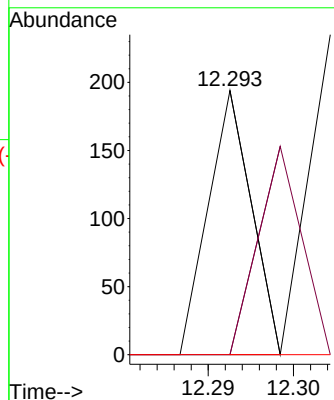
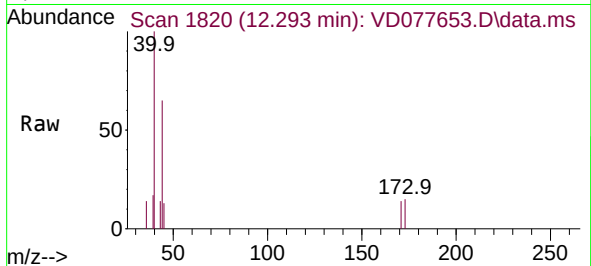




#59
Bromoform
Concen: 3.980 ug/L
RT: 12.293 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

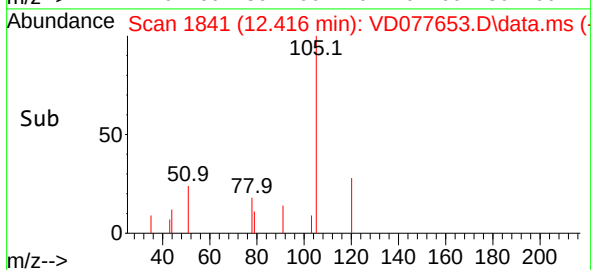
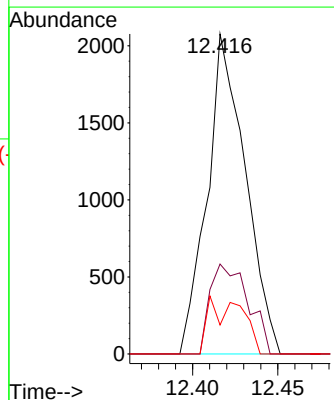
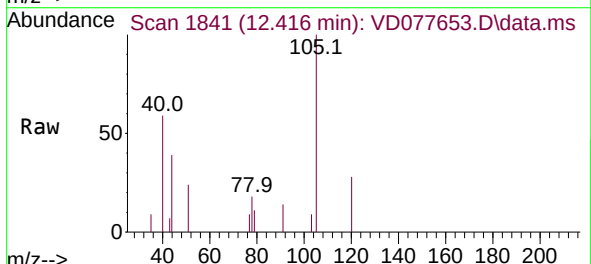
Instrument :
MSVOA_D
ClientSampleId :

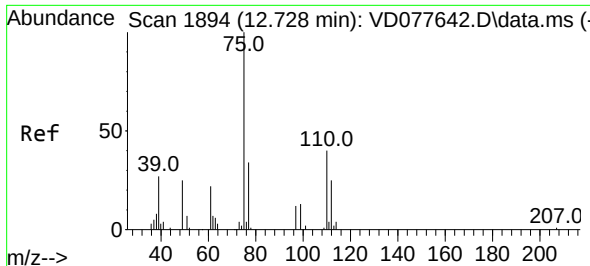
Tgt Ion:173 Resp: 68
Ion Ratio Lower Upper
173 100
175 0.0 38.2 57.2#
254 0.0 7.1 10.7#



#60
Isopropylbenzene
Concen: 19.941 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

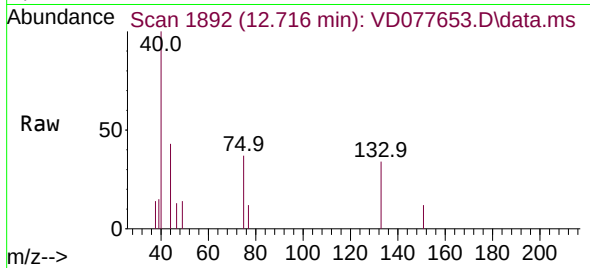
Tgt Ion:105 Resp: 3232
Ion Ratio Lower Upper
105 100
120 28.1 21.0 31.4
77 9.4 13.4 20.2#



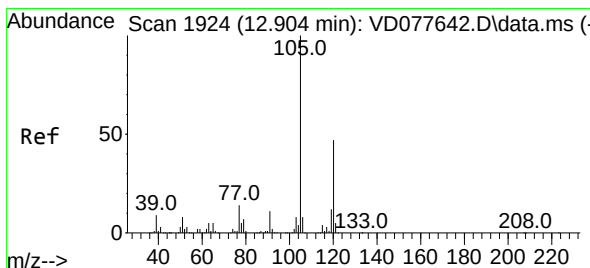
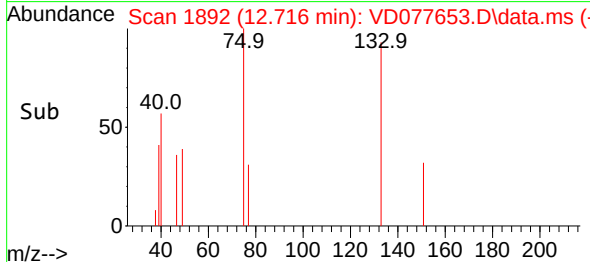
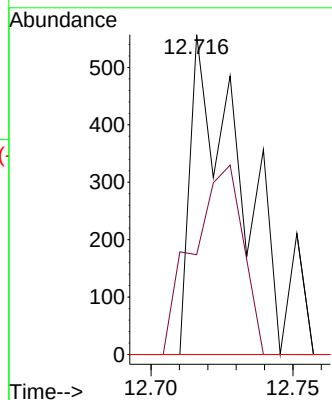


#61
1,2,3-Trichloropropane
Concen: 31.063 ug/L
RT: 12.716 min Scan# 1892
Delta R.T. -0.012 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Instrument :
MSVOA_D
ClientSampleId :

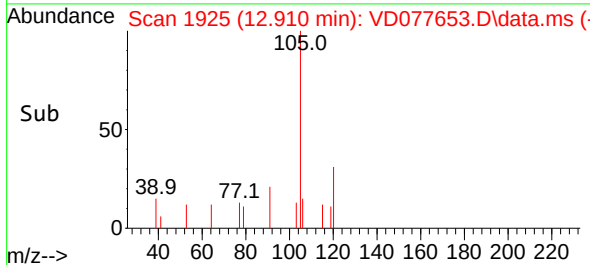
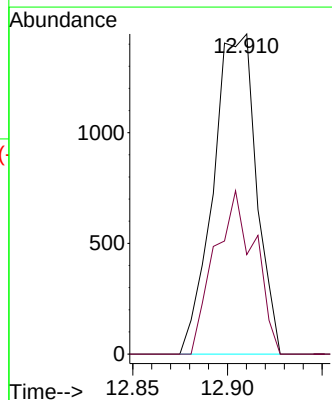
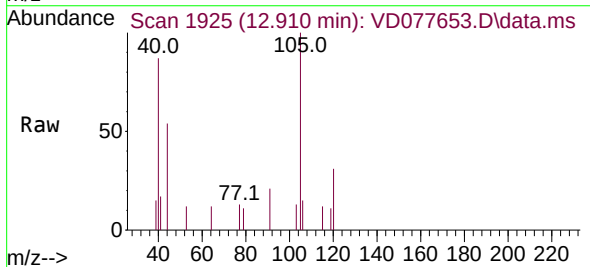


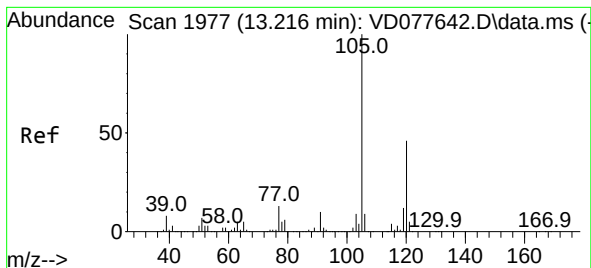
Tgt Ion: 75 Resp: 663
Ion Ratio Lower Upper
75 100
77 61.1 25.6 38.4#
110 0.0 29.6 44.4#



#62
1,3,5-Trimethylbenzene
Concen: 18.617 ug/L
RT: 12.910 min Scan# 1925
Delta R.T. 0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Tgt Ion: 105 Resp: 2290
Ion Ratio Lower Upper
105 100
120 47.8 37.8 56.6





#63

1,2,4-Trimethylbenzene

Concen: 17.134 ug/L

RT: 13.210 min Scan# 1977

Delta R.T. -0.006 min

Lab File: VD077653.D

Acq: 21 Nov 2023 18:47

Instrument :

MSVOA_D

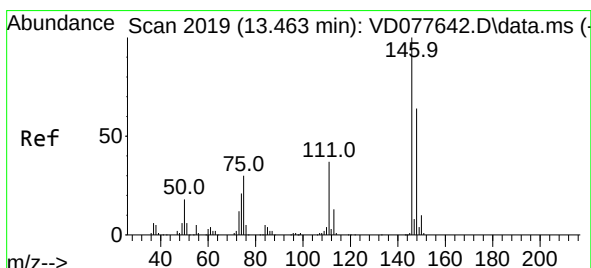
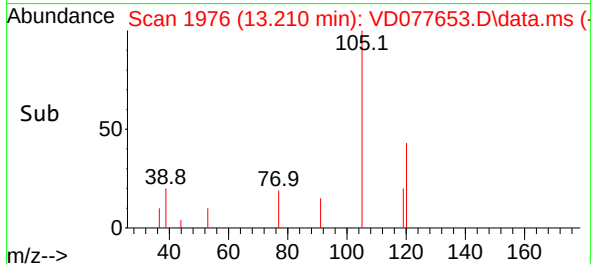
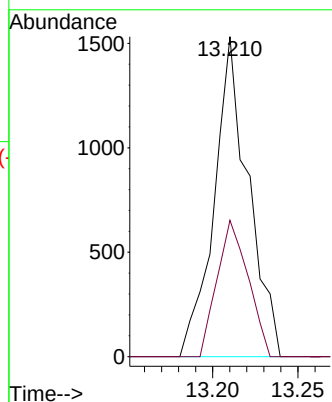
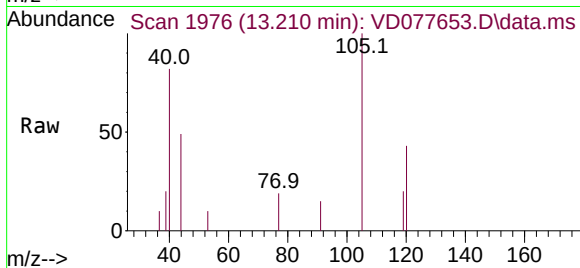
ClientSampleId :

Tgt Ion:105 Resp: 2135

Ion Ratio Lower Upper

105 100

120 38.7 35.6 53.4



#64

1,3-Dichlorobenzene

Concen: 19.491 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD077653.D

Acq: 21 Nov 2023 18:47

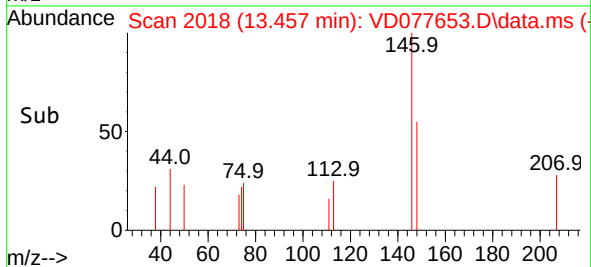
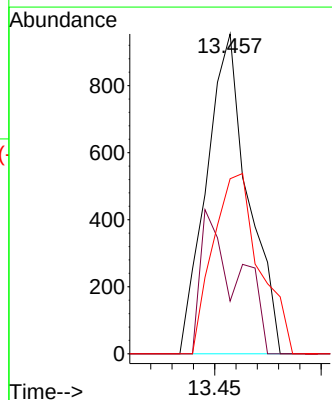
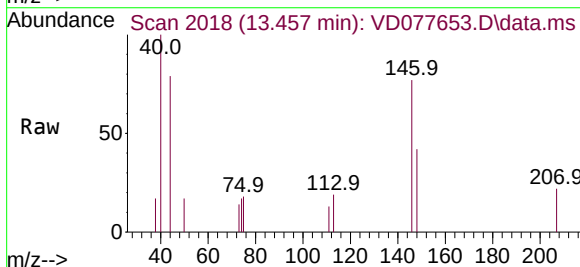
Tgt Ion:146 Resp: 1296

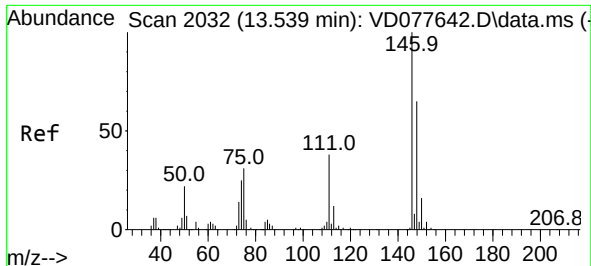
Ion Ratio Lower Upper

146 100

111 16.5 27.2 50.6#

148 54.7 44.1 81.9

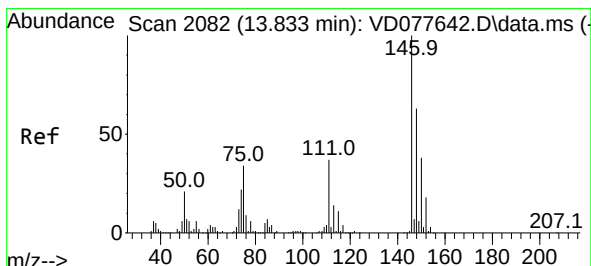
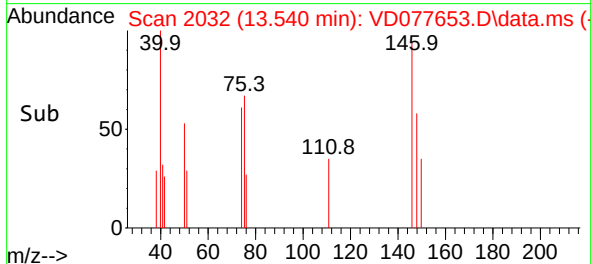
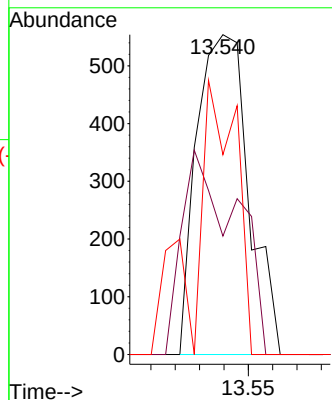
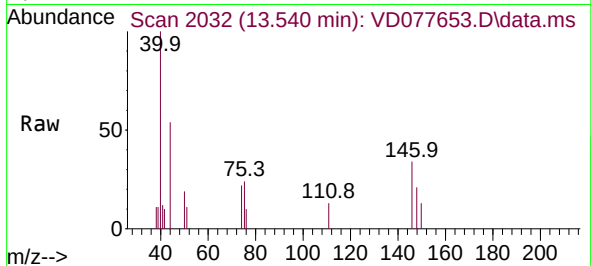




#65
1,4-Dichlorobenzene
Concen: 12.309 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 826
Ion Ratio Lower Upper
146 100
111 37.0 25.6 47.4
148 62.5 44.1 81.9



#67
1,2-Dichlorobenzene
Concen: 13.677 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077653.D
Acq: 21 Nov 2023 18:47

Tgt Ion:146 Resp: 804
Ion Ratio Lower Upper
146 100
111 41.7 33.8 50.6
148 40.7 54.3 81.5#

