

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074796.D
 Acq On : 08 Nov 2022 11:27
 Operator : VA/SY
 Sample : VD1108SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 14:48:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

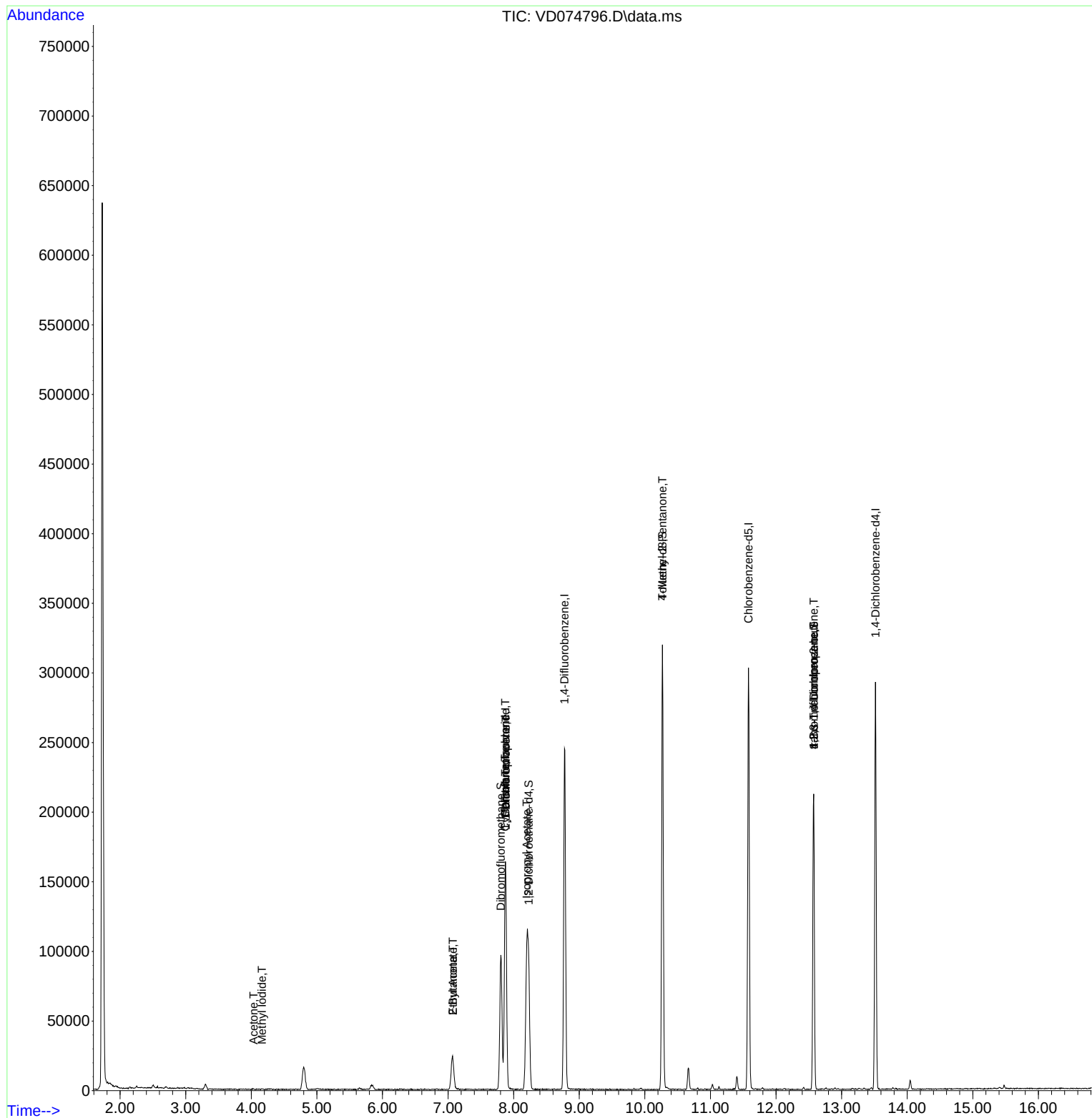
Internal Standards						
1) Pentafluorobenzene	7.875	168	135732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57832	53.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.600%	
35) Dibromofluoromethane	7.804	113	71892	51.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.060%	
50) Toluene-d8	10.269	98	226195	44.449	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.900%	
62) 4-Bromofluorobenzene	12.575	95	63793	43.417	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.840%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.163	142	227	5.665	ug/l #	43
11) Tert butyl alcohol	5.052	59	136	Below Cal	#	84
16) Acetone	4.034	43	609	2.715	ug/l #	37
20) Methylene Chloride	4.799	84	14299	Below Cal		91
25) 2-Butanone	7.075	43	889	2.882	ug/l #	42
31) Cyclohexane	7.869	56	2460	1.130	ug/l #	40
36) 1,1-Dichloropropene	7.881	75	9441	4.458	ug/l #	47
37) Ethyl Acetate	7.075	43	889	1.259	ug/l #	1
38) Carbon Tetrachloride	7.875	117	12244	6.103	ug/l #	18
43) Isopropyl Acetate	8.199	43	1864	1.418	ug/l #	1
51) 4-Methyl-2-Pentanone	10.269	43	656	1.029	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	31681	48.853	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	31681	115.965	ug/l #	17

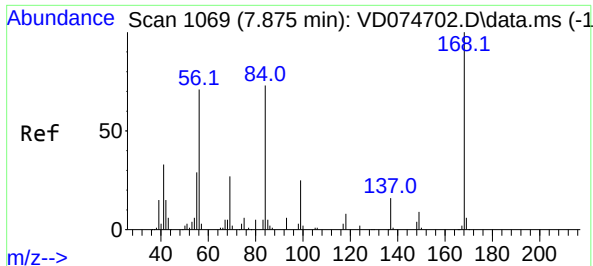
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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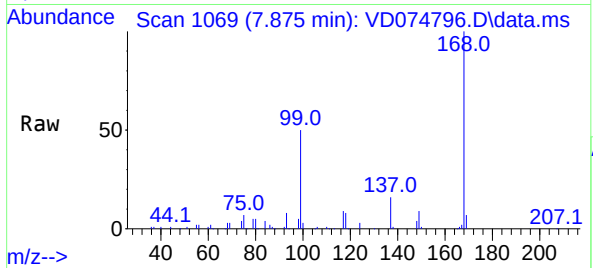
Quant Time: Nov 08 14:48:15 2022
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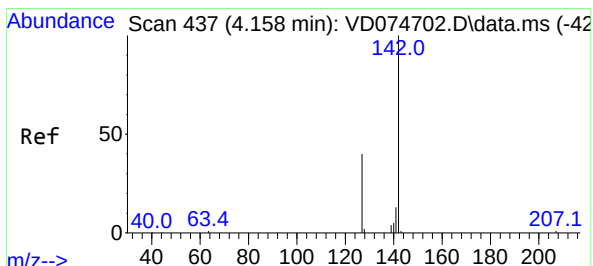
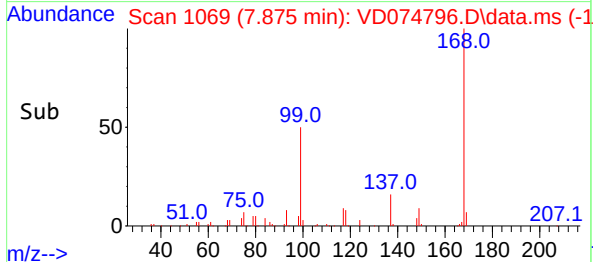
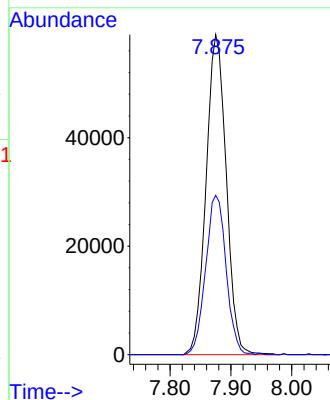


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

Instrument :
MSVOA_D
ClientSampleId :

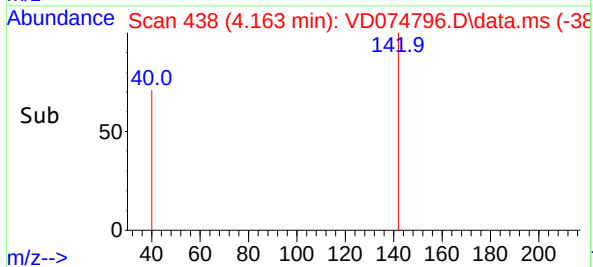
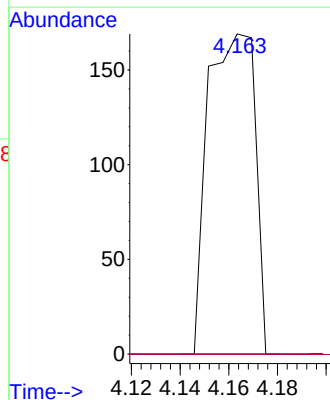
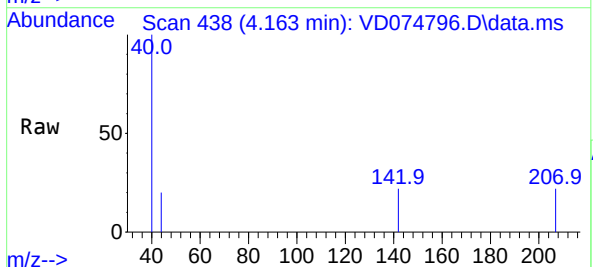


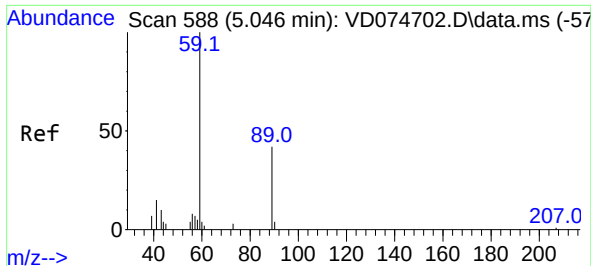
Tgt Ion:168 Resp: 135732
Ion Ratio Lower Upper
168 100
99 49.8 40.9 61.3



#10
Methyl Iodide
Concen: 5.665 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

Tgt Ion:142 Resp: 227
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

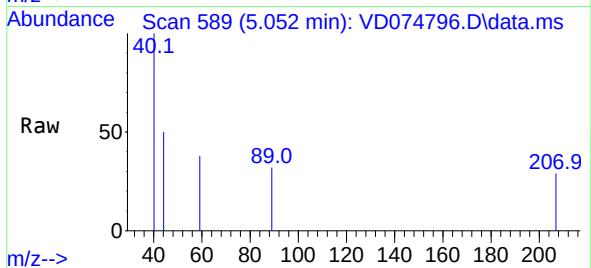
Lab File: VD074796.D

Acq: 08 Nov 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

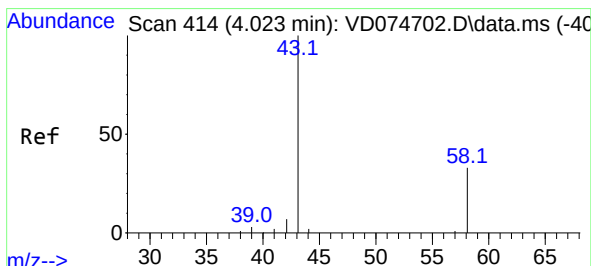
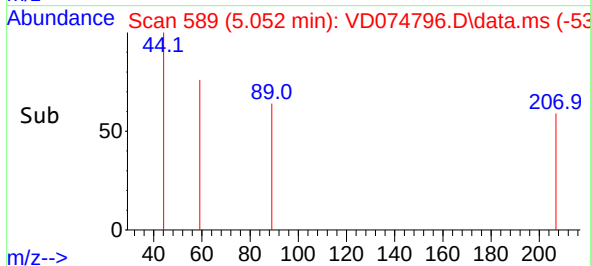
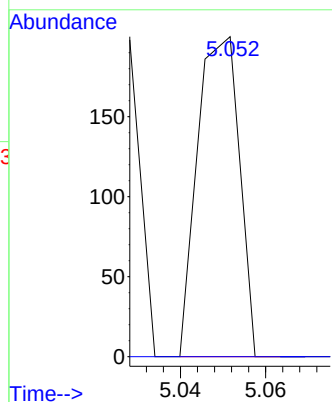


Tgt Ion: 59 Resp: 136

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 2.715 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.011 min

Lab File: VD074796.D

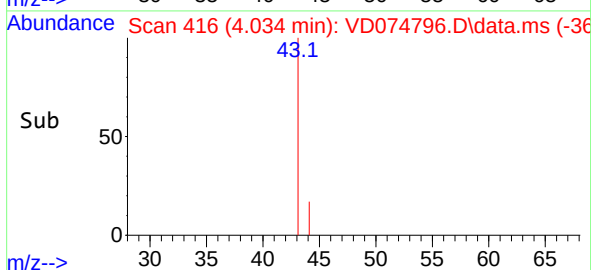
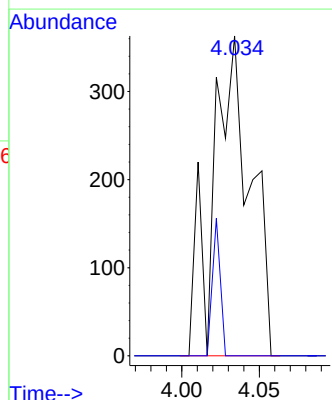
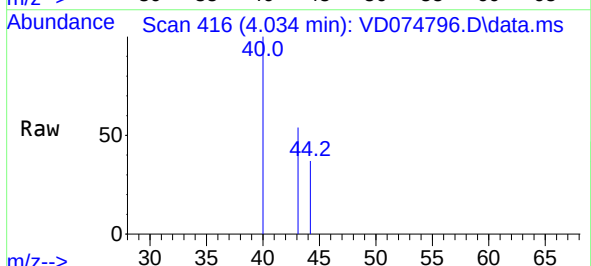
Acq: 08 Nov 2022 11:27

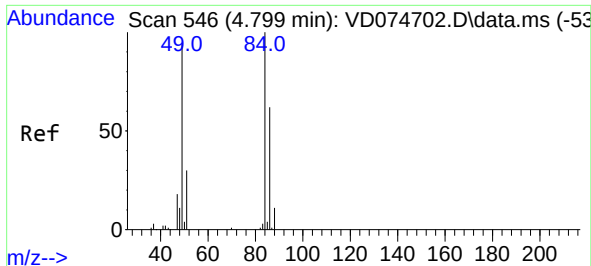
Tgt Ion: 43 Resp: 609

Ion Ratio Lower Upper

43 100

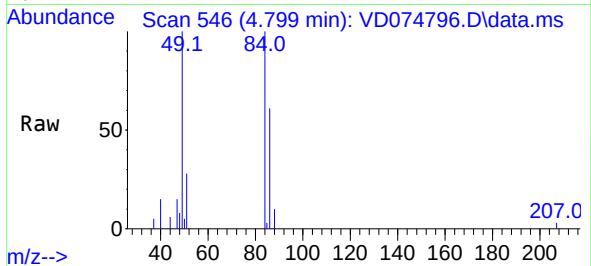
58 0.0 30.2 45.2#





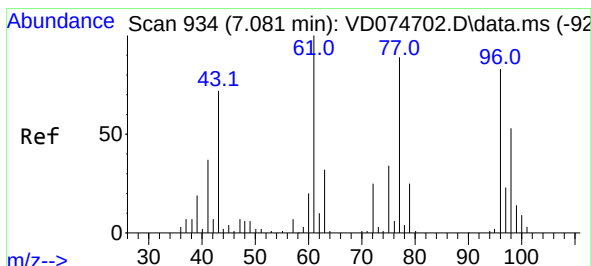
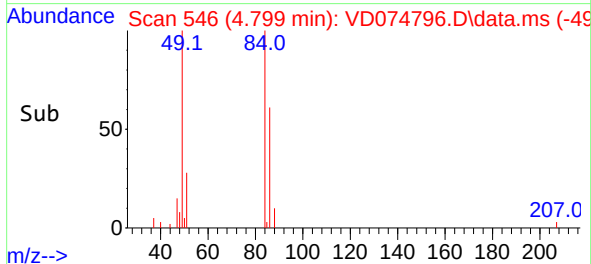
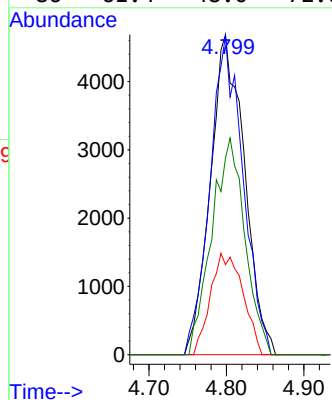
#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 14299

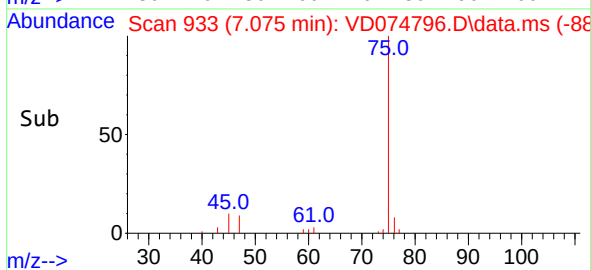
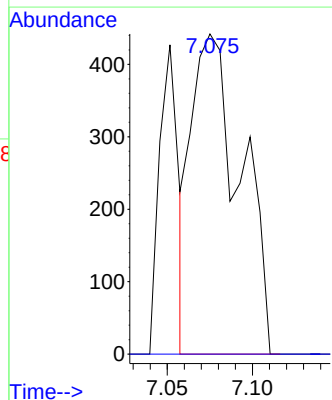
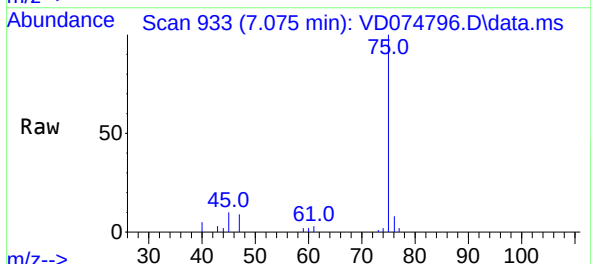
Ion	Ratio	Lower	Upper
84	100		
49	99.7	68.0	102.0
51	28.2	23.2	34.8
86	61.4	48.0	72.0

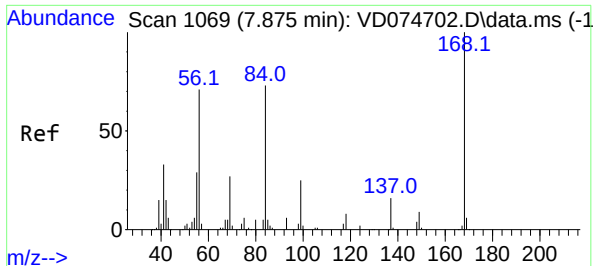


#25
2-Butanone
Concen: 2.882 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

Tgt Ion: 43 Resp: 889

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

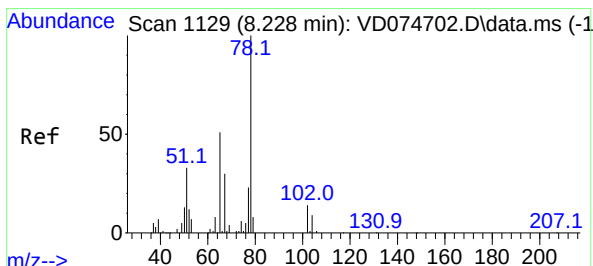
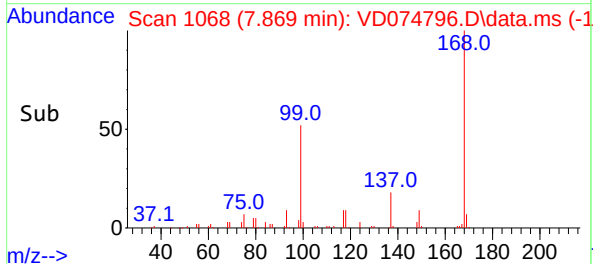
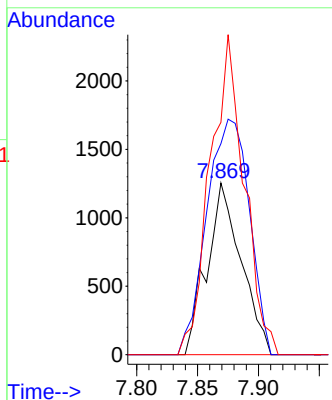
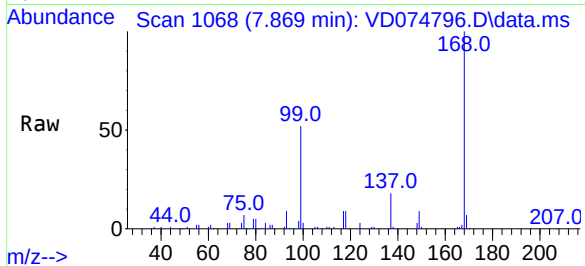




#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

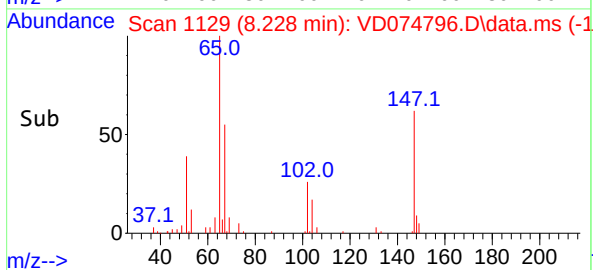
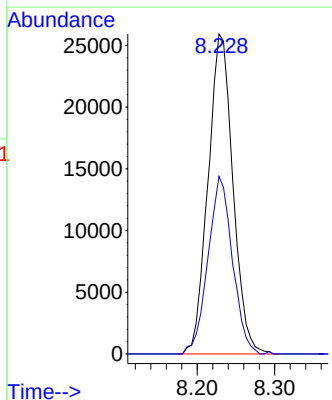
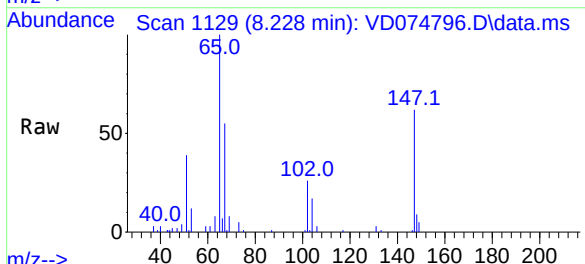
Instrument :
MSVOA_D
ClientSampleId :

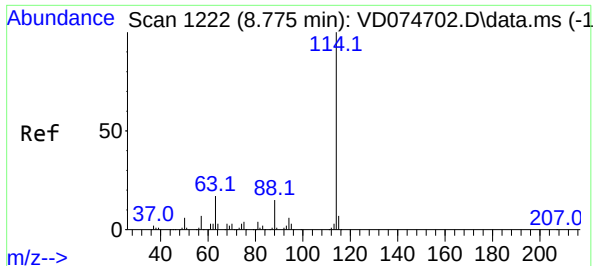
Tgt Ion: 56 Resp: 2460
Ion Ratio Lower Upper
56 100
69 123.0 29.2 43.8#
84 135.3 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 53.796 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

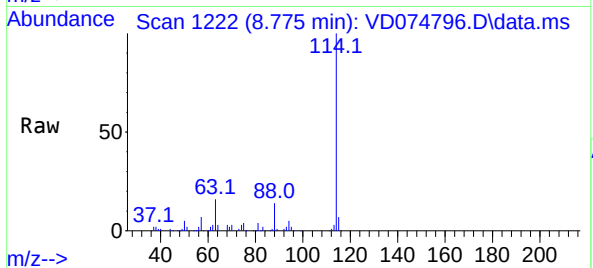
Tgt Ion: 65 Resp: 57832
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.2



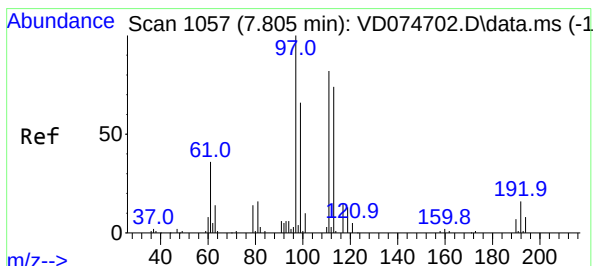
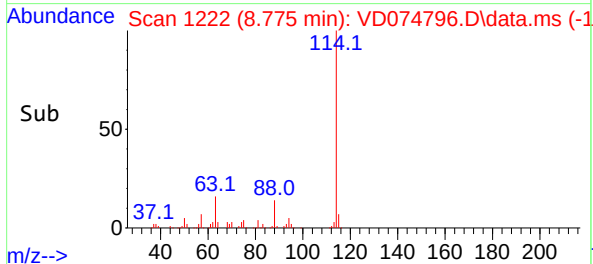
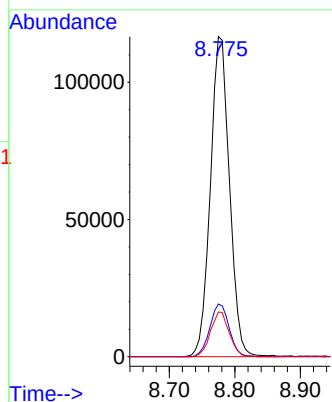


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

Instrument :
MSVOA_D
ClientSampleId :

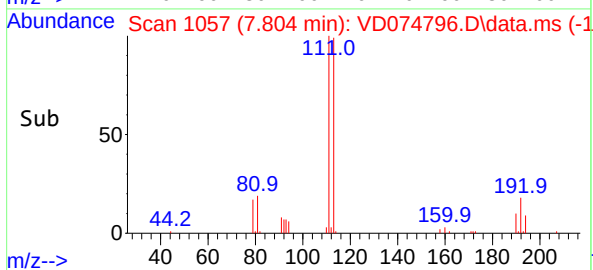
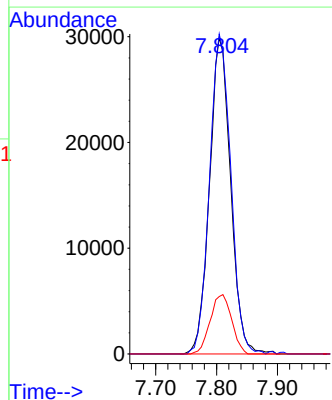
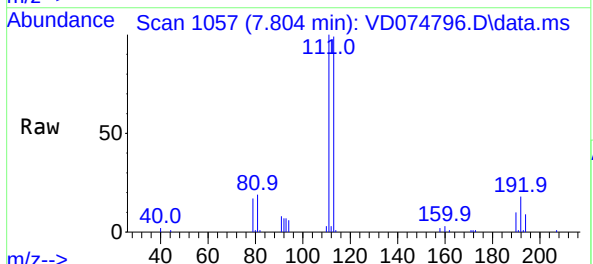


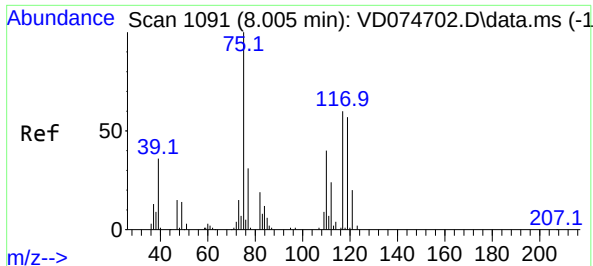
Tgt Ion:114 Resp: 235839
Ion Ratio Lower Upper
114 100
63 16.4 0.0 33.2
88 13.9 0.0 28.2



#35
Dibromofluoromethane
Concen: 51.532 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

Tgt Ion:113 Resp: 71892
Ion Ratio Lower Upper
113 100
111 101.9 82.3 123.5
192 19.1 16.4 24.6

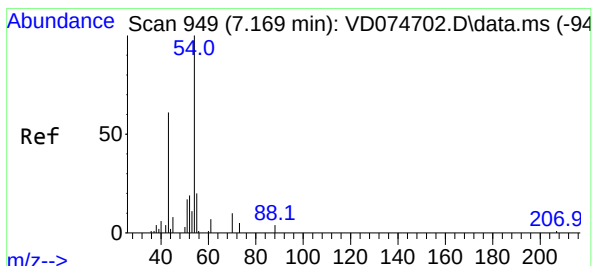
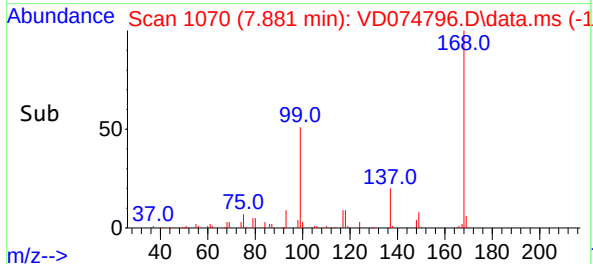
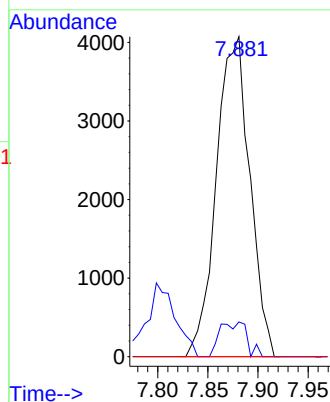
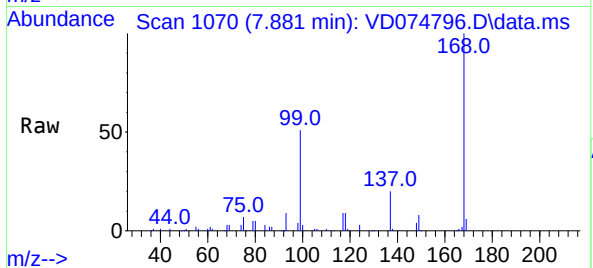




#36
1,1-Dichloropropene
Concen: 4.458 ug/l
RT: 7.881 min Scan# 1091
Delta R.T. -0.124 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

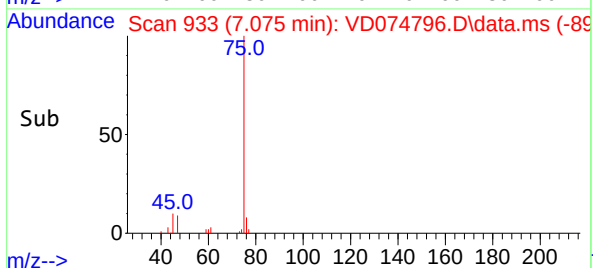
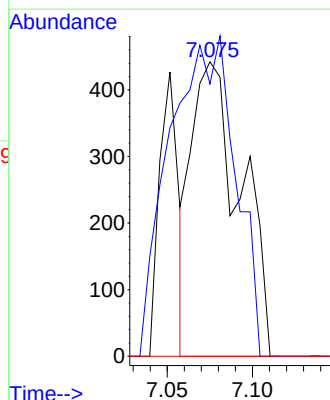
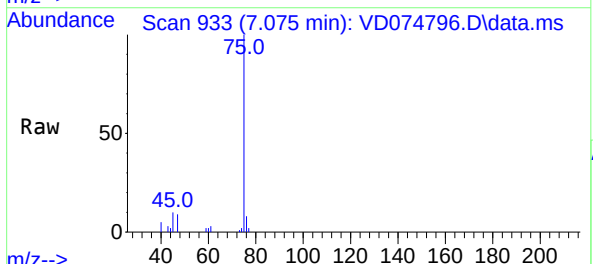
Instrument :
MSVOA_D
ClientSampleId :

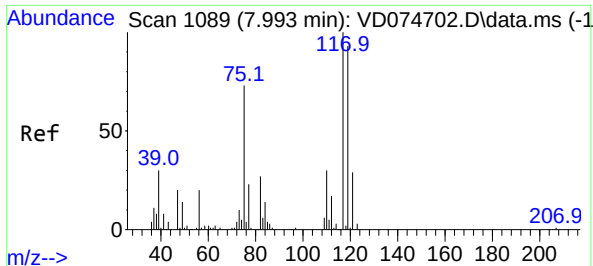
Tgt Ion: 75 Resp: 9441
Ion Ratio Lower Upper
75 100
110 8.8 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 1.259 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.094 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

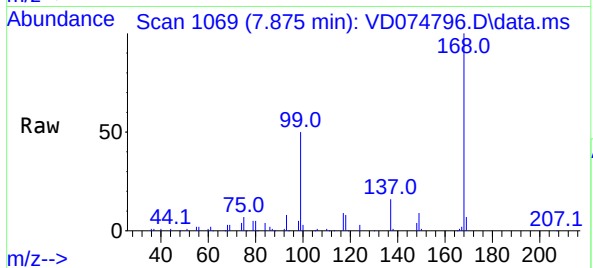
Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
61 144.8 12.2 18.4#
70 0.0 9.6 14.4#



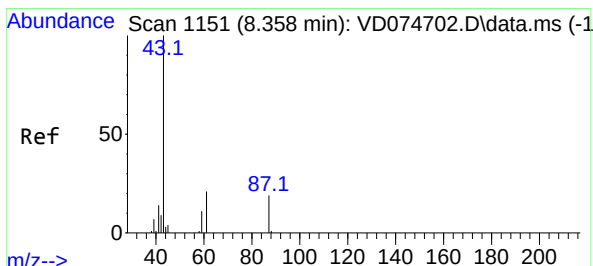
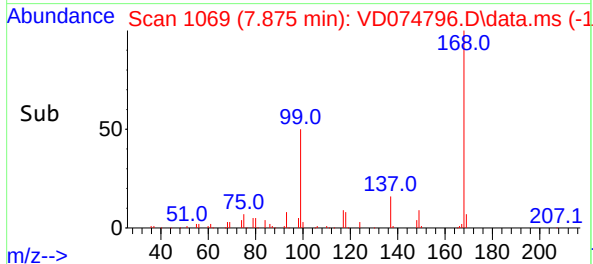
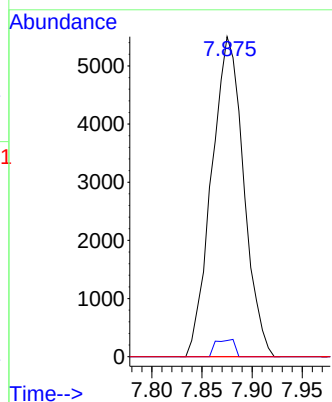


#38
Carbon Tetrachloride
Concen: 6.103 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.118 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

Instrument :
MSVOA_D
ClientSampleId :

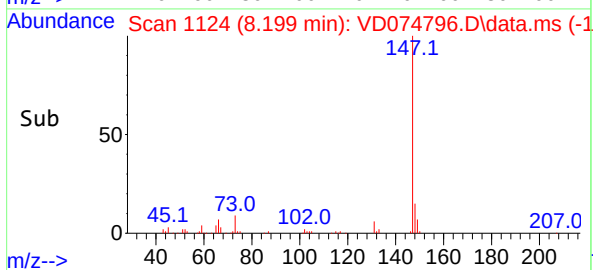
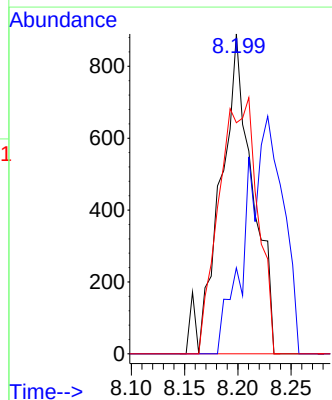
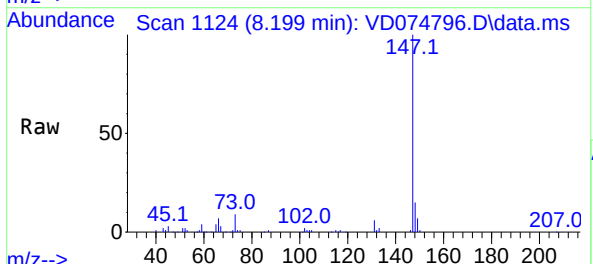


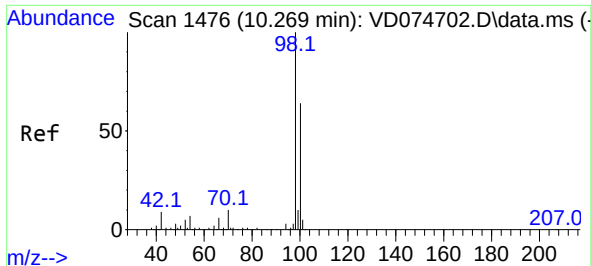
Tgt Ion:117 Resp: 12244
Ion Ratio Lower Upper
117 100
119 5.0 73.1 109.7#
121 0.0 25.0 37.6#



#43
Isopropyl Acetate
Concen: 1.418 ug/l
RT: 8.199 min Scan# 1124
Delta R.T. -0.159 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

Tgt Ion: 43 Resp: 1864
Ion Ratio Lower Upper
43 100
61 0.0 30.9 46.3#
87 95.8 14.3 21.5#

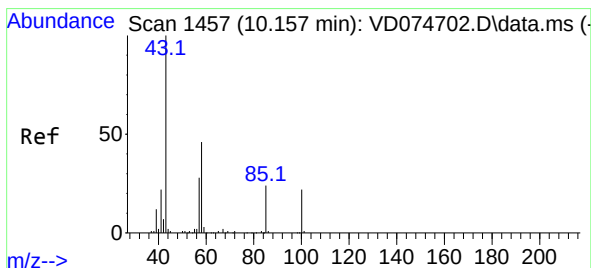
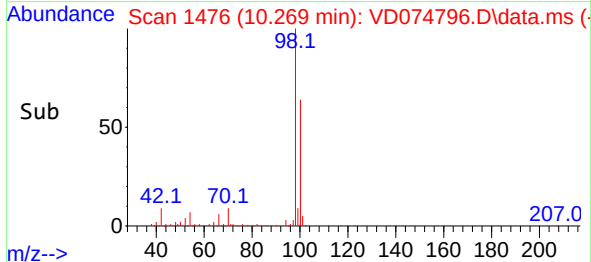
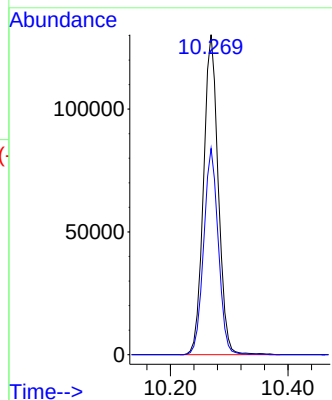
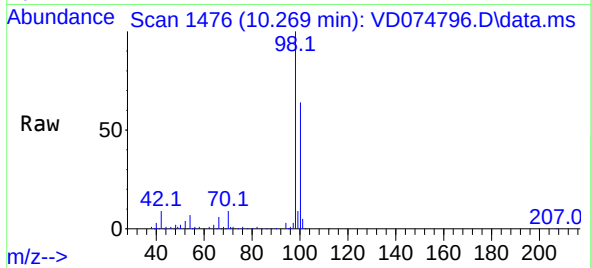




#50
Toluene-d8
Concen: 44.449 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

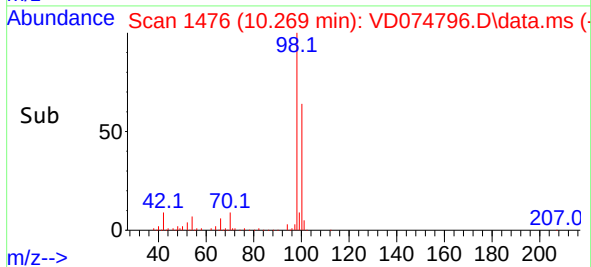
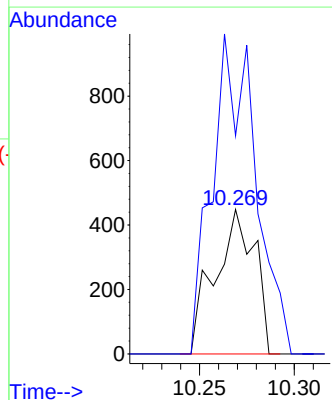
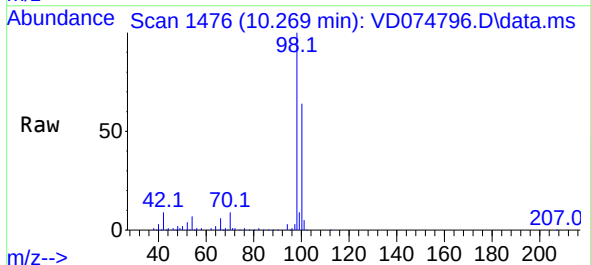
Instrument :
MSVOA_D
ClientSampleId :

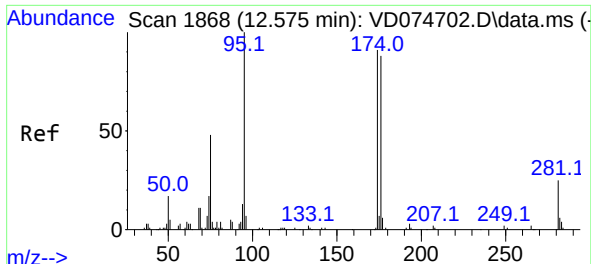
Tgt Ion: 98 Resp: 226195
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.029 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
58 239.9 37.8 56.6#

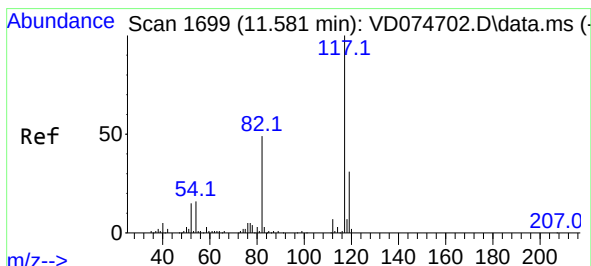
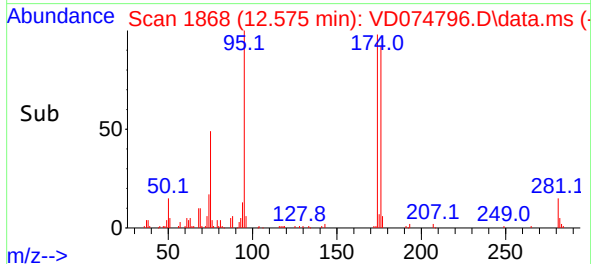
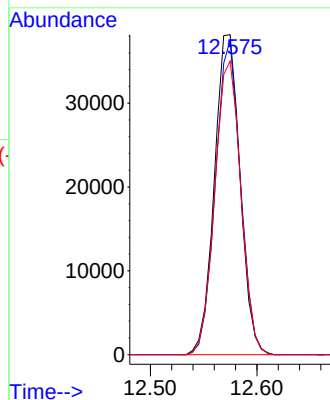
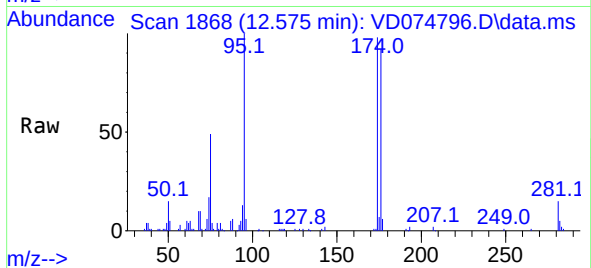




#62
4-Bromofluorobenzene
Concen: 43.417 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

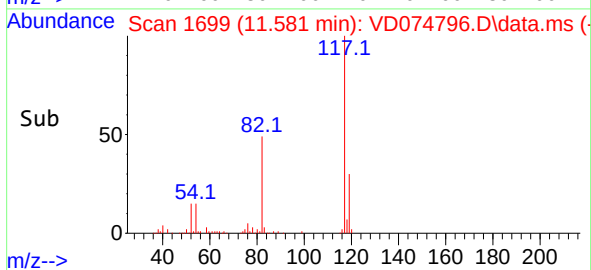
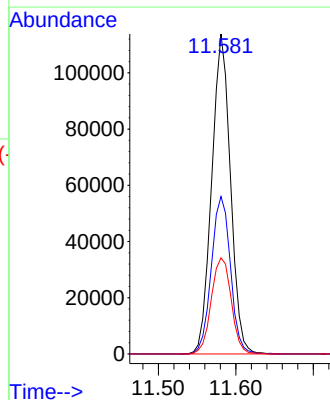
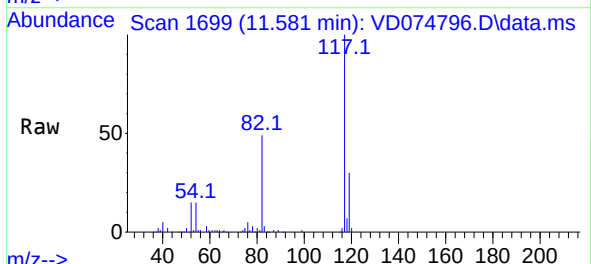
Instrument :
MSVOA_D
ClientSampleId :

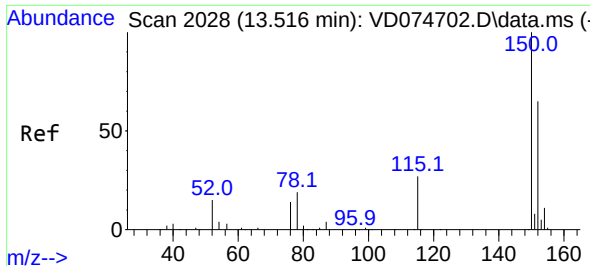
Tgt Ion: 95 Resp: 63793
Ion Ratio Lower Upper
95 100
174 95.4 0.0 197.0
176 92.7 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074796.D
Acq: 08 Nov 2022 11:27

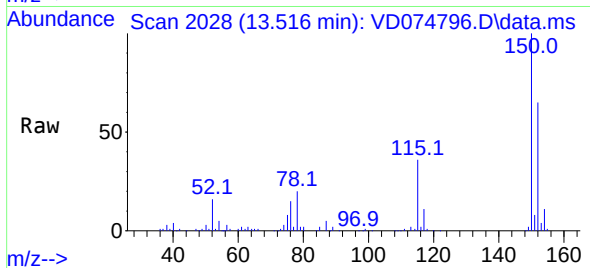
Tgt Ion: 117 Resp: 191017
Ion Ratio Lower Upper
117 100
82 49.2 41.6 62.4
119 30.0 25.2 37.8



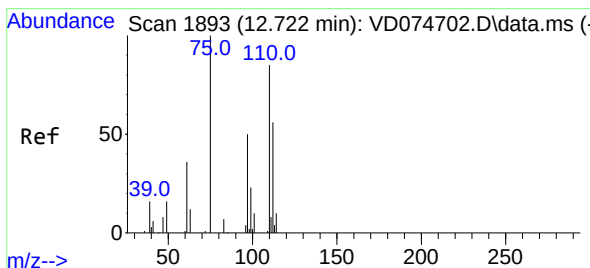
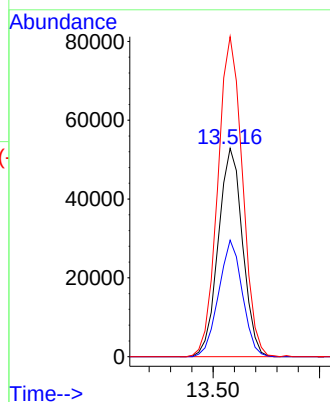
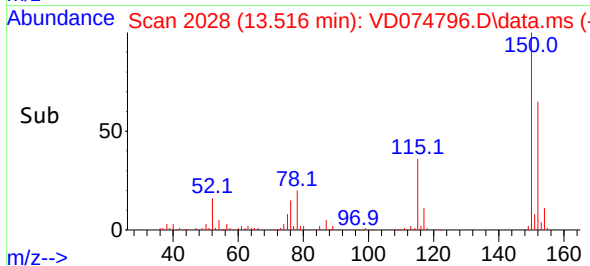


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074796.D
 Acq: 08 Nov 2022 11:27

Instrument :
 MSVOA_D
 ClientSampleId :

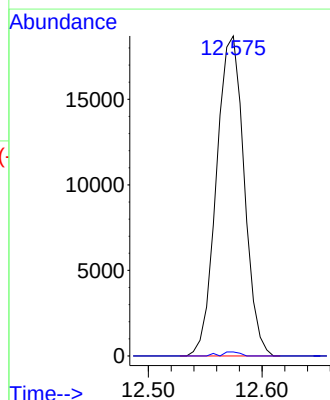
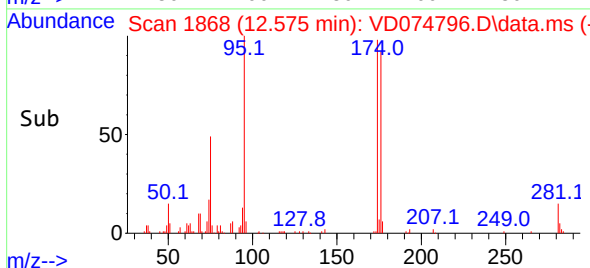
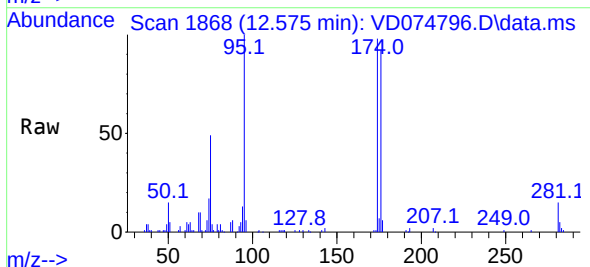


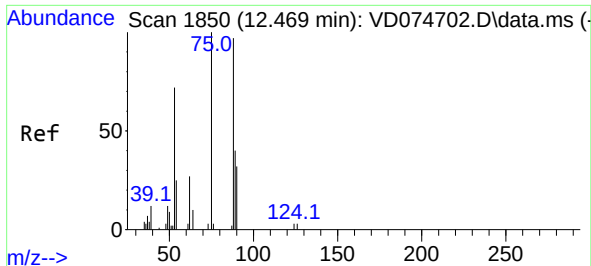
Tgt Ion:152 Resp: 83655
 Ion Ratio Lower Upper
 152 100
 115 54.5 26.8 80.4
 150 155.9 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 48.853 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD074796.D
 Acq: 08 Nov 2022 11:27

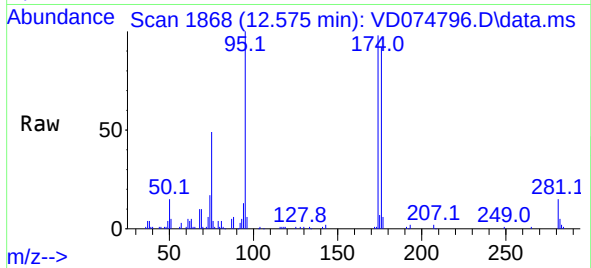
Tgt Ion: 75 Resp: 31681
 Ion Ratio Lower Upper
 75 100
 77 0.9 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.965 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD074796.D
 Acq: 08 Nov 2022 11:27

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 31681

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

