

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074814.D
 Acq On : 08 Nov 2022 20:11
 Operator : VA/SY
 Sample : N5494-17RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 23:40:13 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)

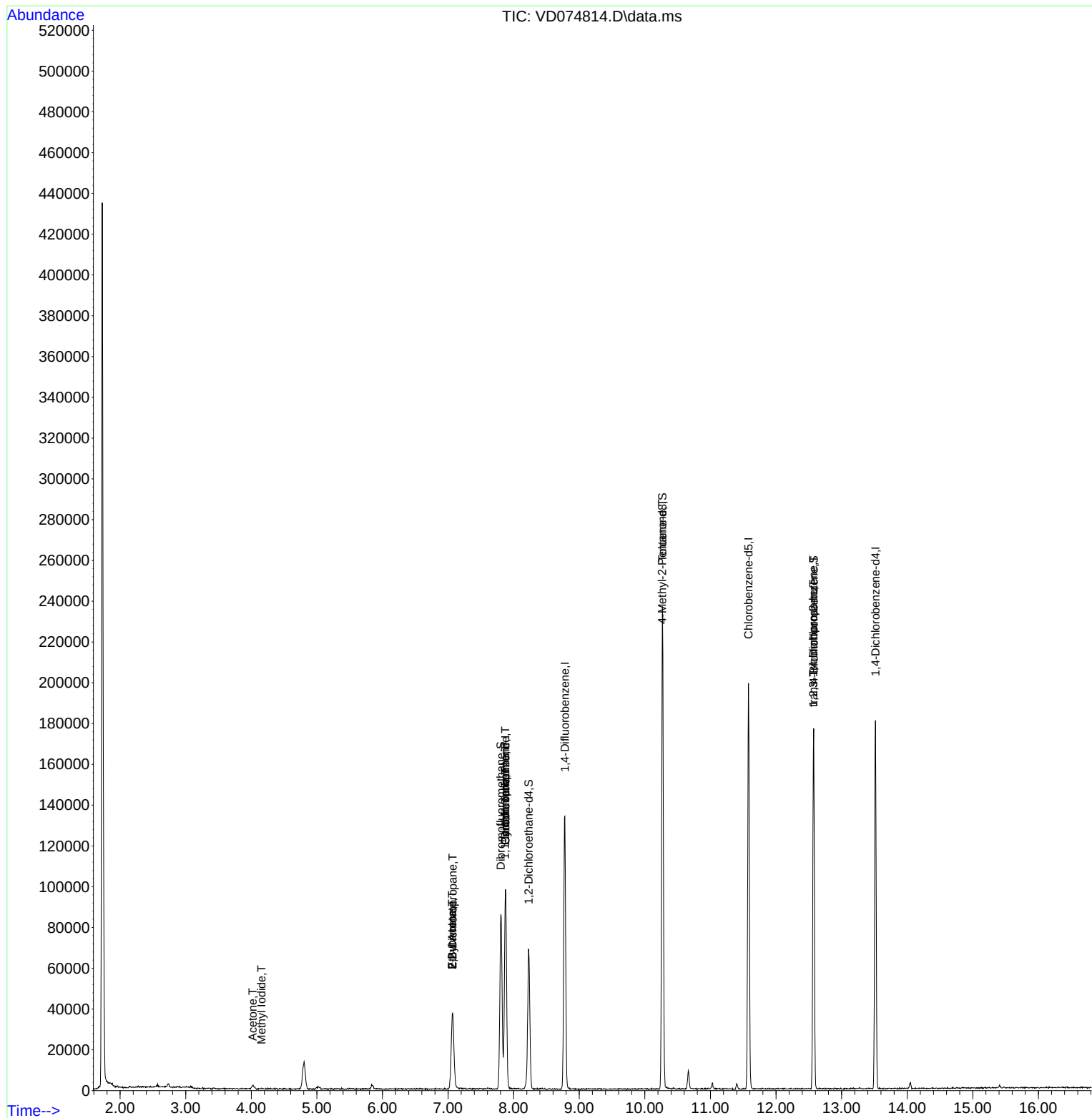
Internal Standards						
1) Pentafluorobenzene	7.875	168	82923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	131620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	124681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	52538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52653	80.170	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 160.340%		
35) Dibromofluoromethane	7.804	113	65450	84.063	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 168.120%#		
50) Toluene-d8	10.269	98	174370	61.397	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 122.800%		
62) 4-Bromofluorobenzene	12.575	95	52041	63.464	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 126.920%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.158	142	80	5.619	ug/l #	43
11) Tert butyl alcohol	5.028	59	690	Below Cal	#	84
16) Acetone	4.022	43	3045	22.217	ug/l #	77
20) Methylene Chloride	4.805	84	11348	Below Cal	#	93
25) 2-Butanone	7.063	43	1697	9.005	ug/l #	42
26) 2,2-Dichloropropane	7.069	77	2714	1.977	ug/l #	50
31) Cyclohexane	7.875	56	1434	1.078	ug/l #	18
36) 1,1-Dichloropropene	7.869	75	5753	4.868	ug/l #	43
37) Ethyl Acetate	7.063	43	1697	4.305	ug/l #	1
38) Carbon Tetrachloride	7.875	117	7898	7.054	ug/l #	18
51) 4-Methyl-2-Pentanone	10.263	43	389	1.094	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	25688	63.073	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	25688	149.719	ug/l #	17

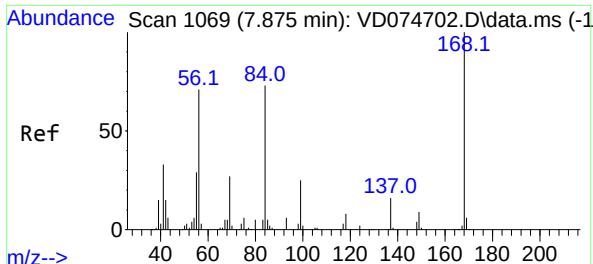
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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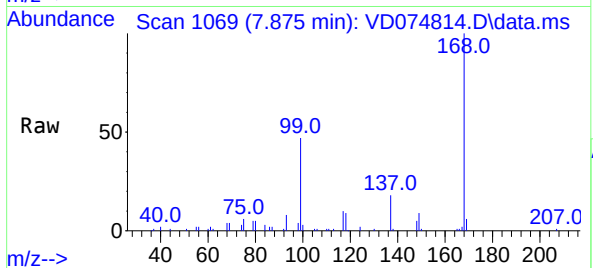
Quant Time: Nov 08 23:40:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration



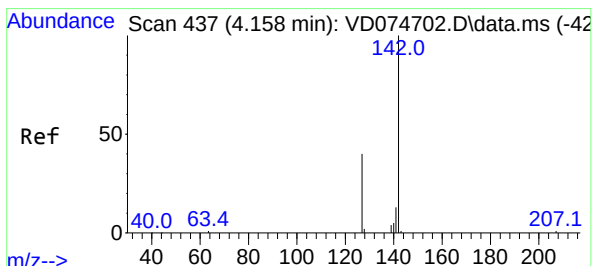
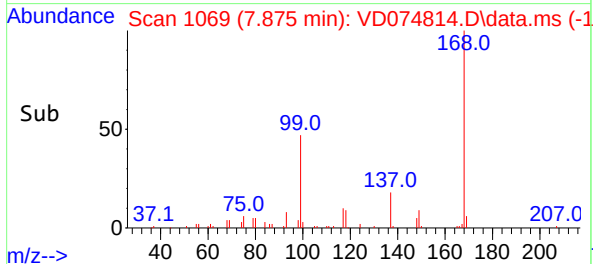
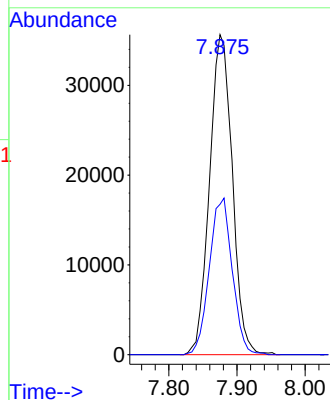


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074814.D
Acq: 08 Nov 2022 20:11

Instrument :
MSVOA_D
ClientSampleId :

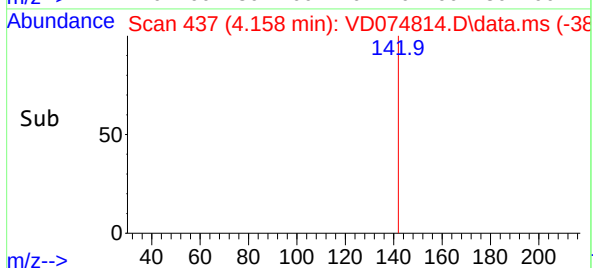
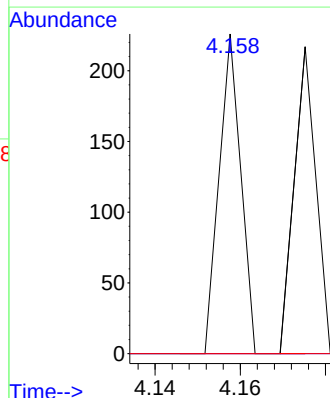
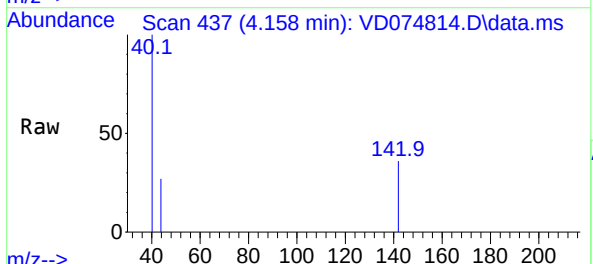


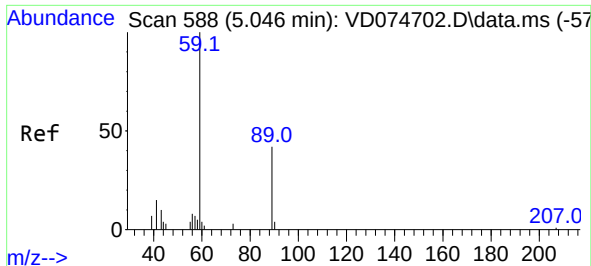
Tgt Ion:168 Resp: 82923
Ion Ratio Lower Upper
168 100
99 47.0 40.9 61.3



#10
Methyl Iodide
Concen: 5.619 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074814.D
Acq: 08 Nov 2022 20:11

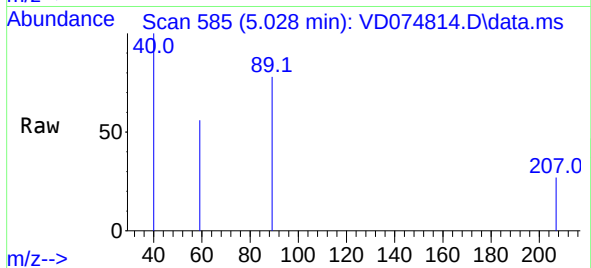
Tgt Ion:142 Resp: 80
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



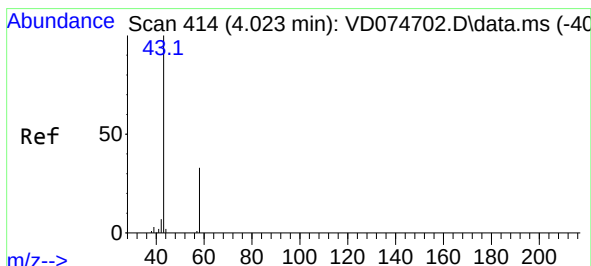
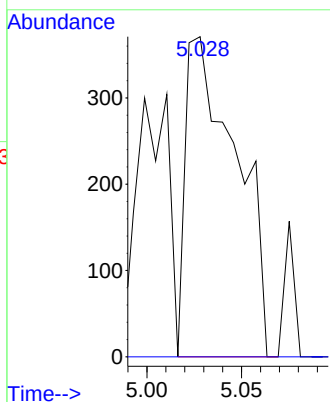
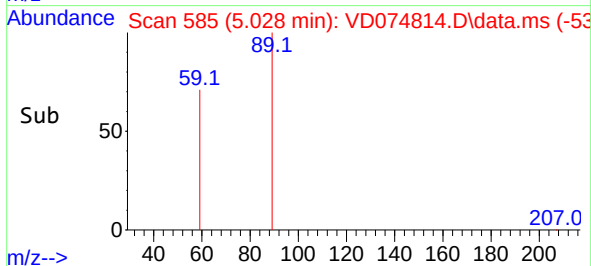


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD074814.D
Acq: 08 Nov 2022 20:11

Instrument :
MSVOA_D
ClientSampleId :

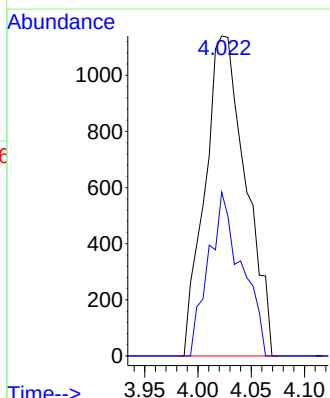
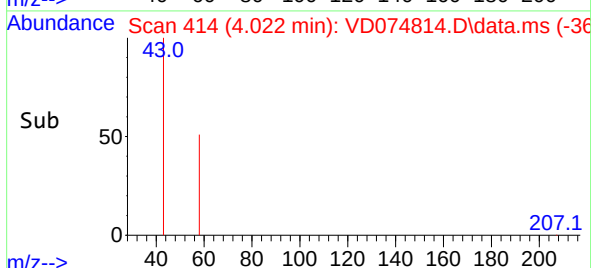
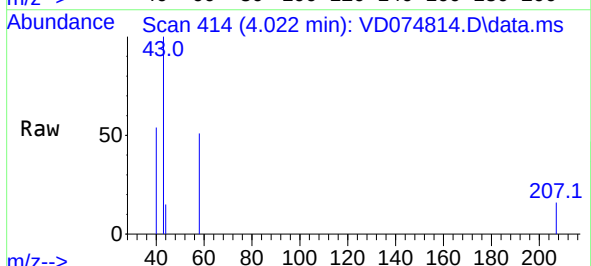


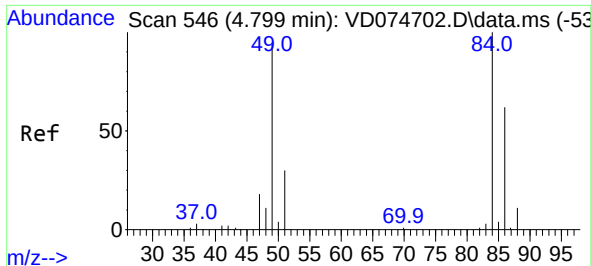
Tgt Ion: 59 Resp: 690
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 22.217 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074814.D
Acq: 08 Nov 2022 20:11

Tgt Ion: 43 Resp: 3045
Ion Ratio Lower Upper
43 100
58 51.2 30.2 45.2#



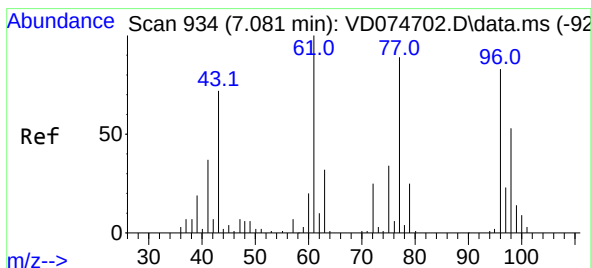
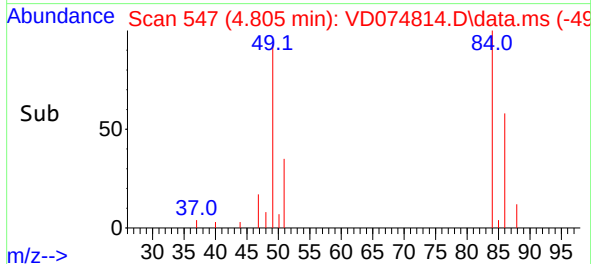
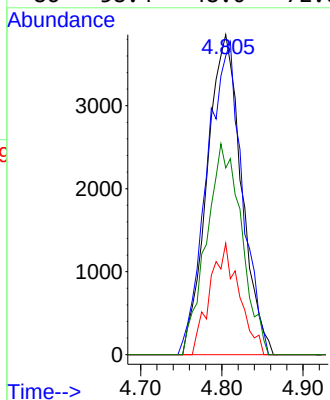
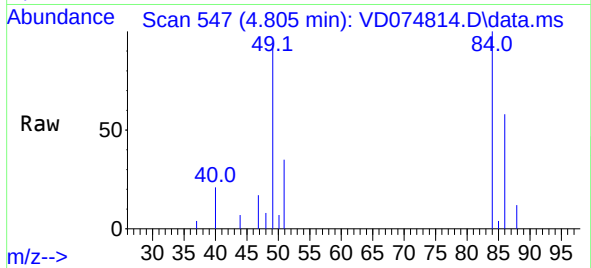


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074814.D
Acq: 08 Nov 2022 20:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 11348

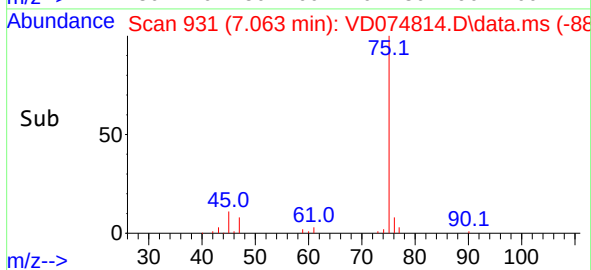
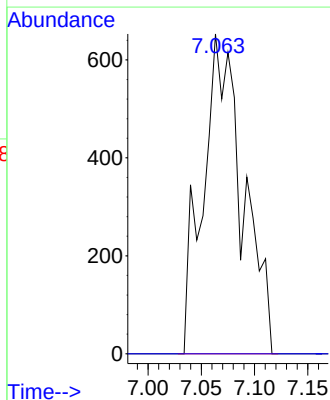
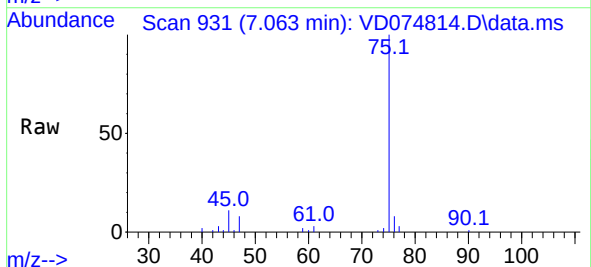
Ion	Ratio	Lower	Upper
84	100		
49	93.3	68.0	102.0
51	34.8	23.2	34.8
86	58.4	48.0	72.0

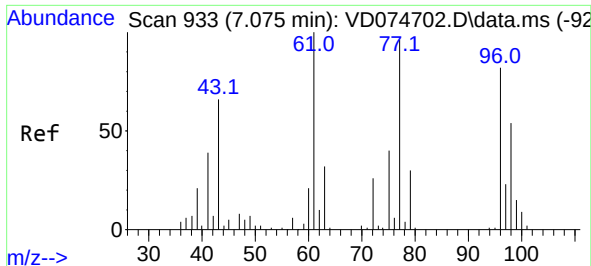


#25
2-Butanone
Concen: 9.005 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD074814.D
Acq: 08 Nov 2022 20:11

Tgt Ion: 43 Resp: 1697

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8

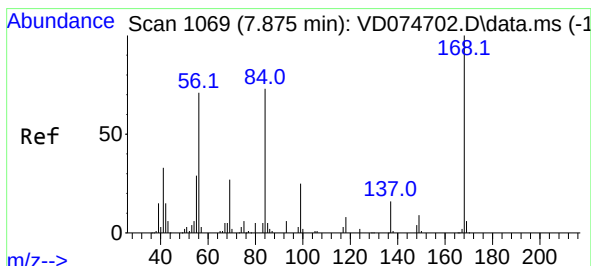
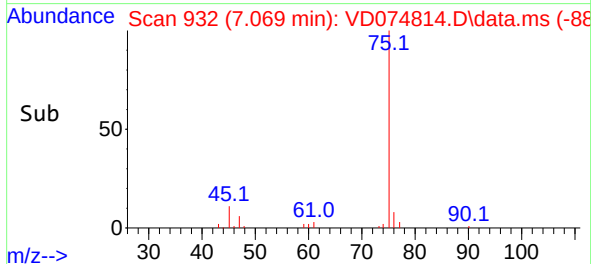
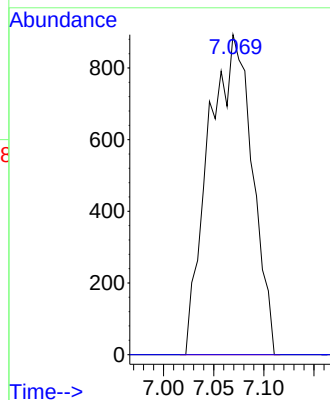
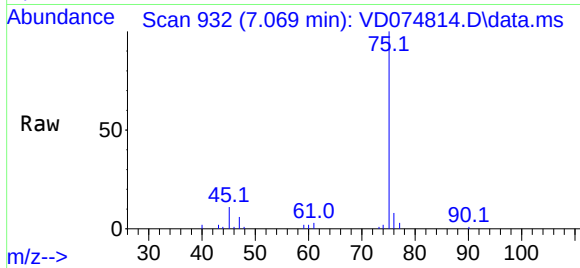




#26
2,2-Dichloropropane
Concen: 1.977 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074814.D
Acq: 08 Nov 2022 20:11

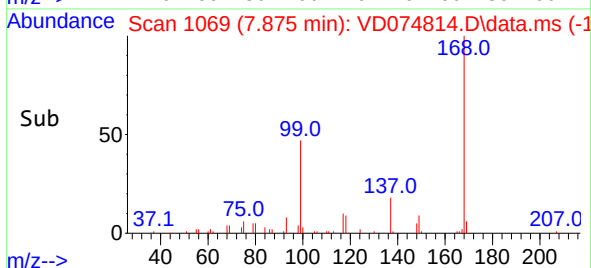
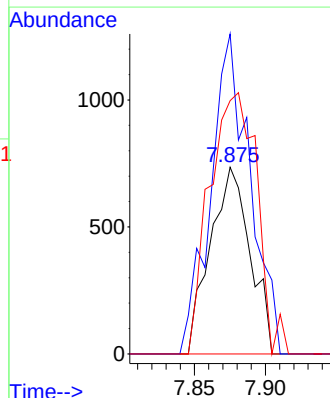
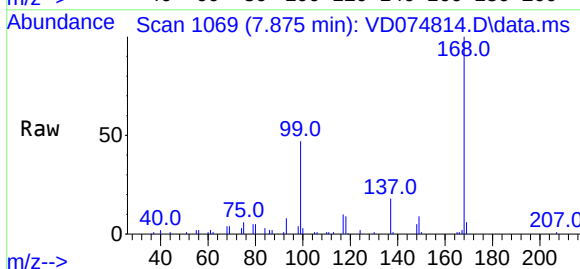
Instrument :
MSVOA_D
ClientSampleId :

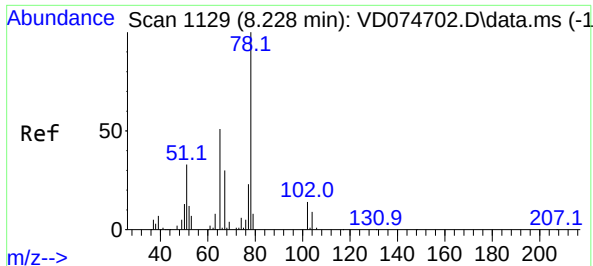
Tgt Ion: 77 Resp: 2714
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074814.D
Acq: 08 Nov 2022 20:11

Tgt Ion: 56 Resp: 1434
Ion Ratio Lower Upper
56 100
69 171.4 29.2 43.8#
84 135.6 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 80.170 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074814.D

Acq: 08 Nov 2022 20:11

Instrument :

MSVOA_D

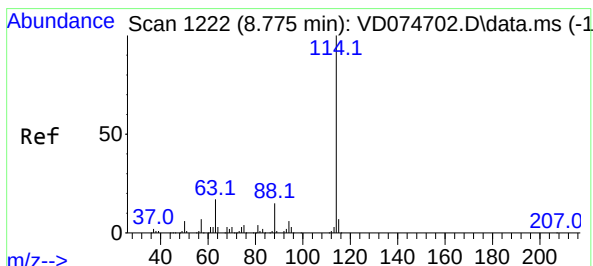
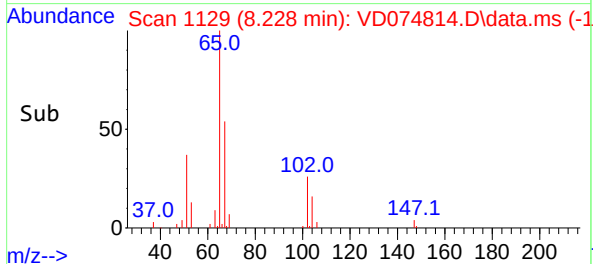
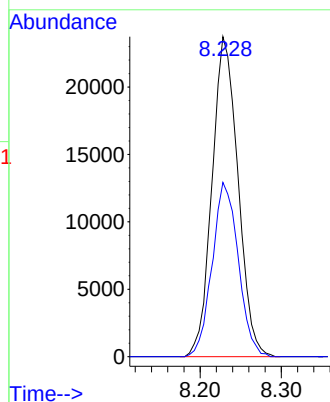
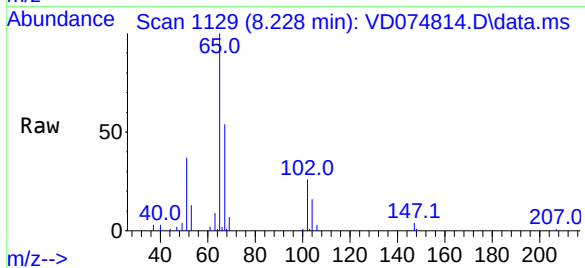
ClientSampleId :

Tgt Ion: 65 Resp: 52653

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074814.D

Acq: 08 Nov 2022 20:11

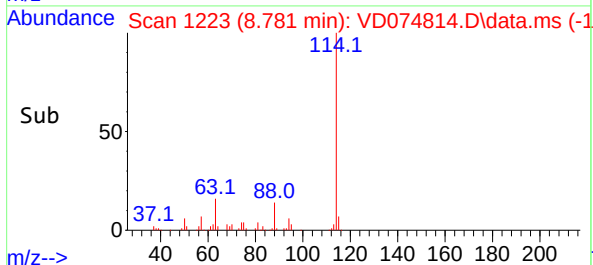
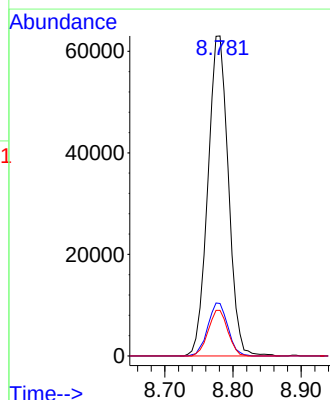
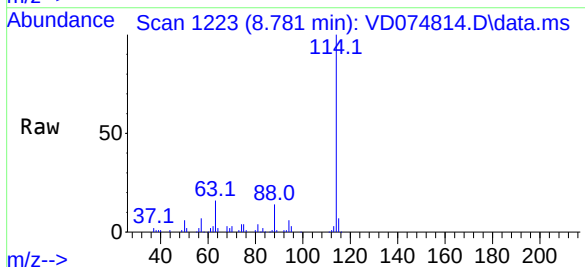
Tgt Ion: 114 Resp: 131620

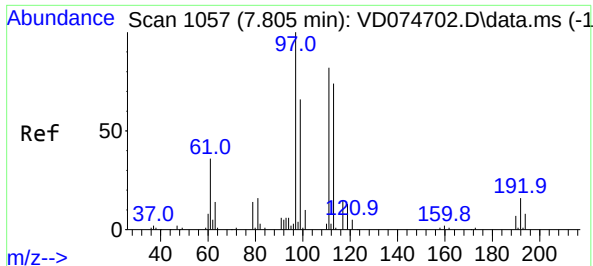
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 14.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 84.063 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074814.D

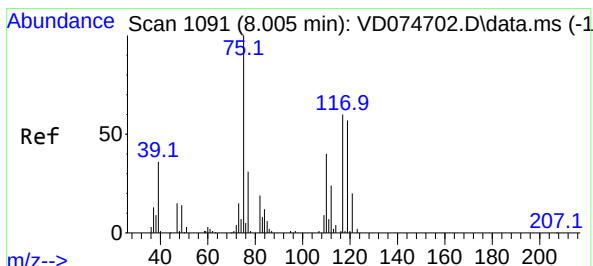
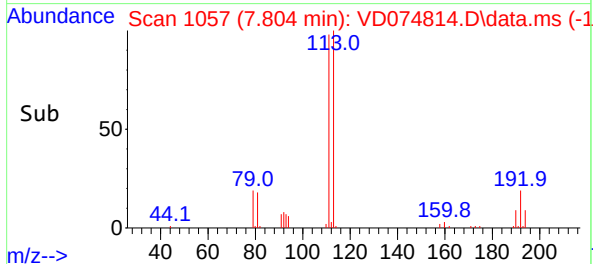
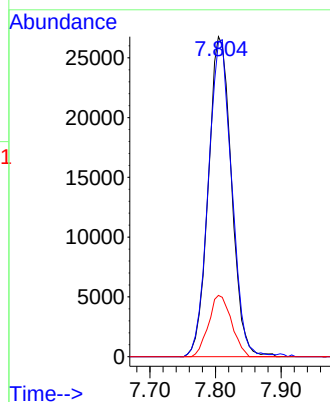
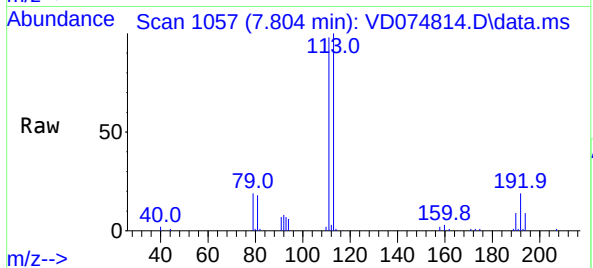
Acq: 08 Nov 2022 20:11

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	65450
Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.3	123.5
192	19.0	16.4	24.6



#36

1,1-Dichloropropene

Concen: 4.868 ug/l

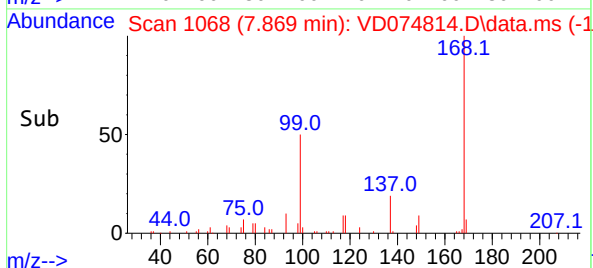
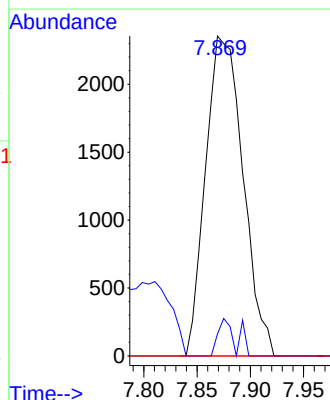
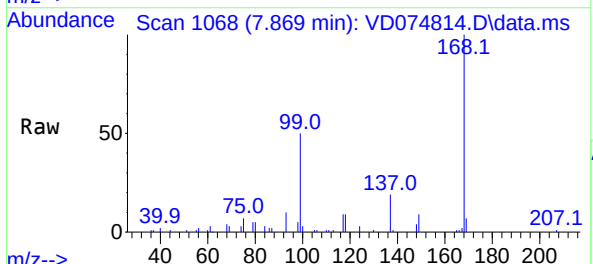
RT: 7.869 min Scan# 1068

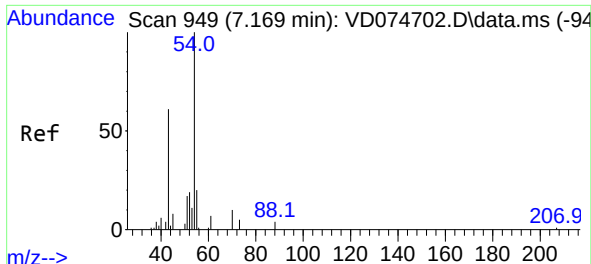
Delta R.T. -0.136 min

Lab File: VD074814.D

Acq: 08 Nov 2022 20:11

Tgt Ion:	75	Resp:	5753
Ion	Ratio	Lower	Upper
75	100		
110	4.0	19.7	59.0#
77	0.0	25.4	38.2#





#37

Ethyl Acetate

Concen: 4.305 ug/l

RT: 7.063 min Scan# 91

Delta R.T. -0.106 min

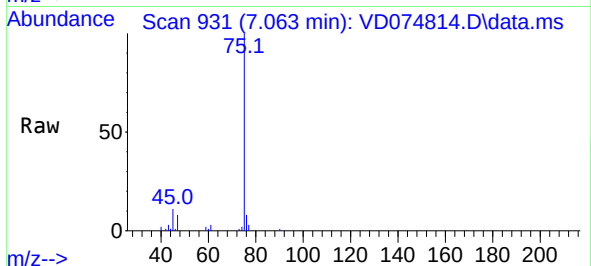
Lab File: VD074814.D

Acq: 08 Nov 2022 20:11

Instrument :

MSVOA_D

ClientSampleId :



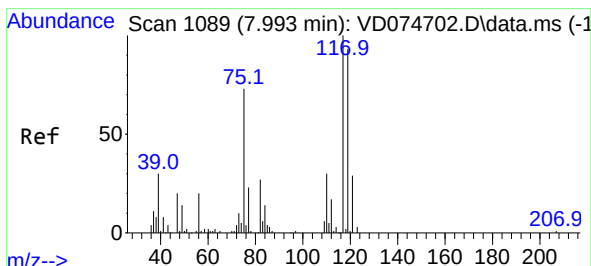
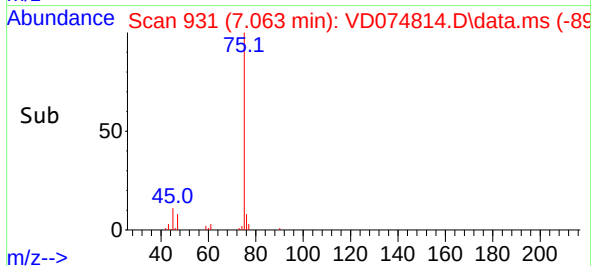
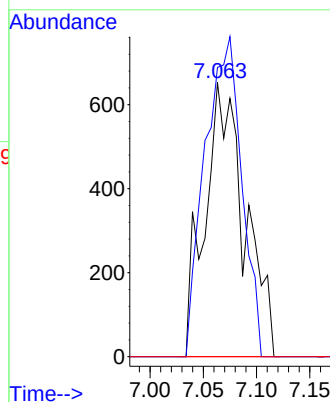
Tgt Ion: 43 Resp: 1697

Ion Ratio Lower Upper

43 100

61 107.7 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 7.054 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074814.D

Acq: 08 Nov 2022 20:11

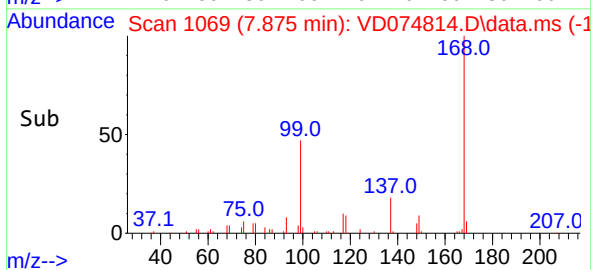
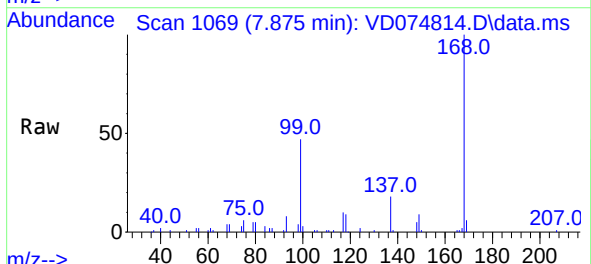
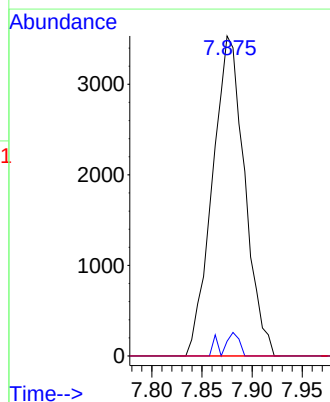
Tgt Ion: 117 Resp: 7898

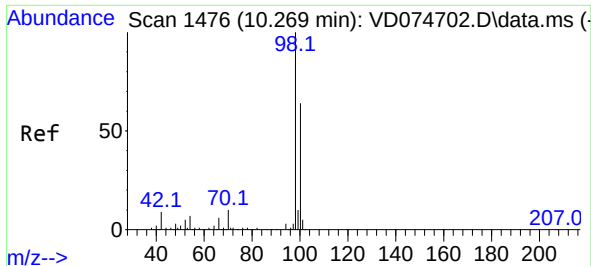
Ion Ratio Lower Upper

117 100

119 4.6 73.1 109.7#

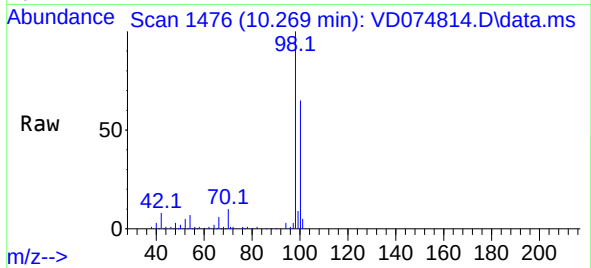
121 0.0 25.0 37.6#



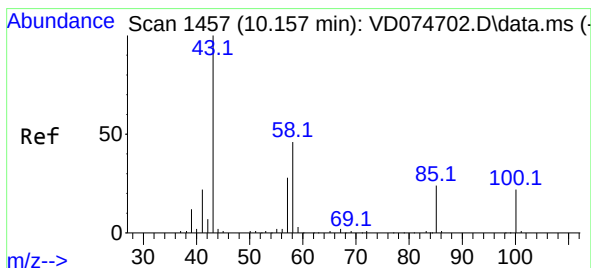
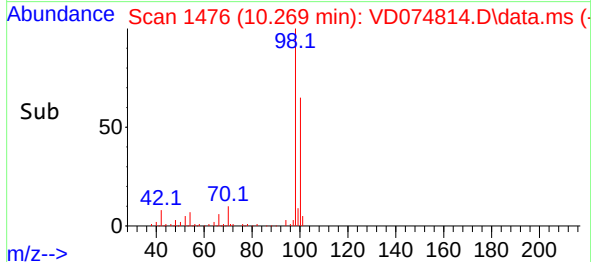
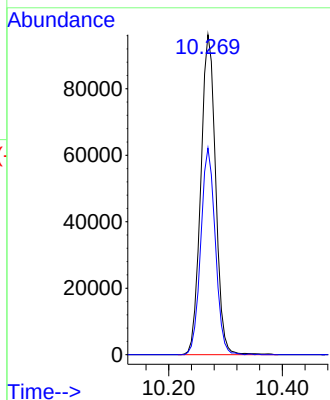


#50
Toluene-d8
Concen: 61.397 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074814.D
Acq: 08 Nov 2022 20:11

Instrument :
MSVOA_D
ClientSampleId :

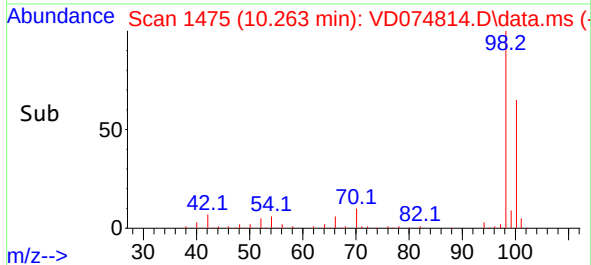
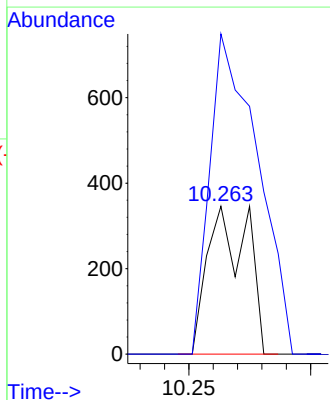
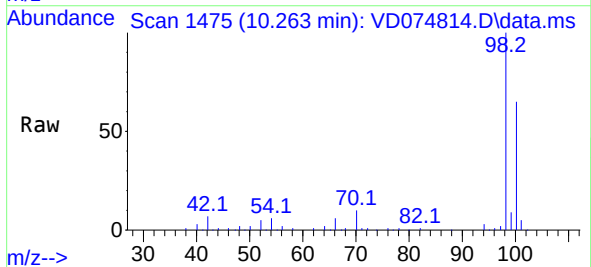


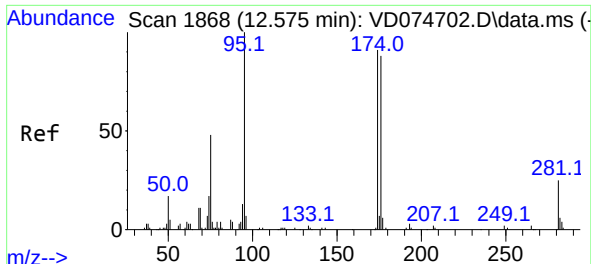
Tgt Ion: 98 Resp: 174370
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.094 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD074814.D
Acq: 08 Nov 2022 20:11

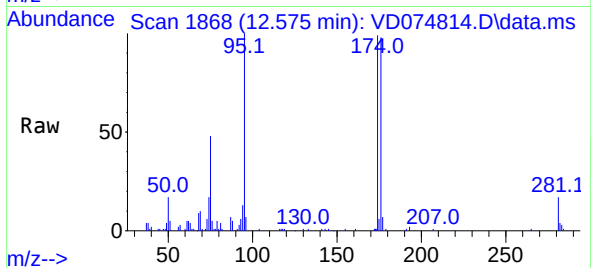
Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
58 263.5 37.8 56.6#



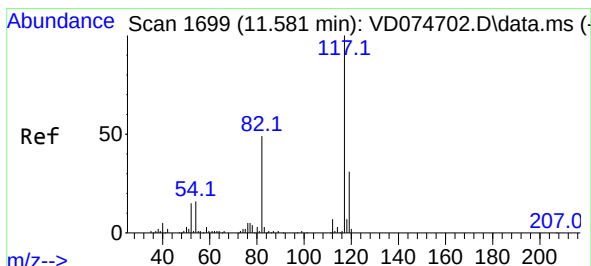
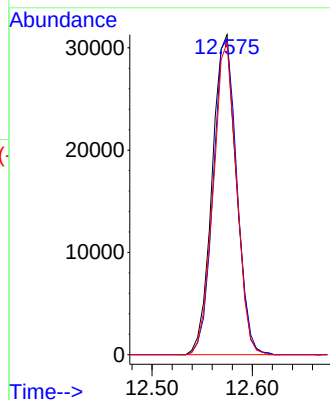
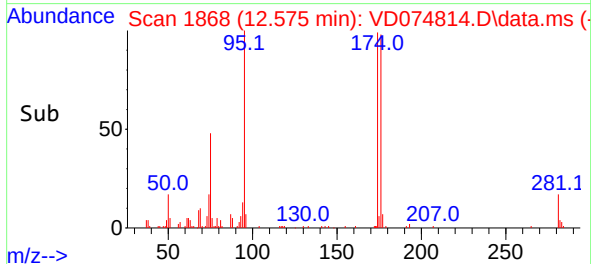


#62
4-Bromofluorobenzene
Concen: 63.464 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074814.D
Acq: 08 Nov 2022 20:11

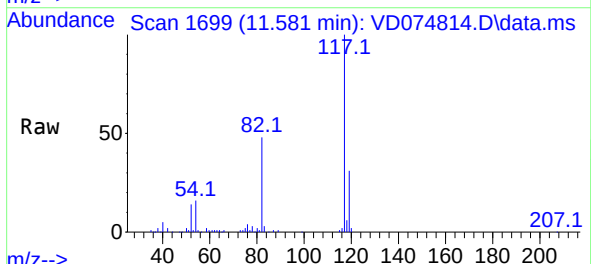
Instrument :
MSVOA_D
ClientSampleId :



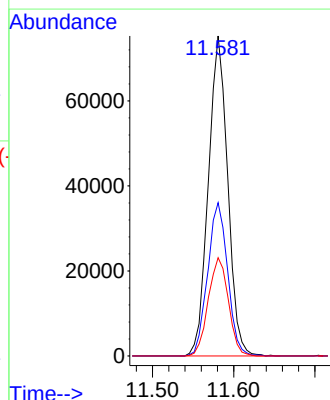
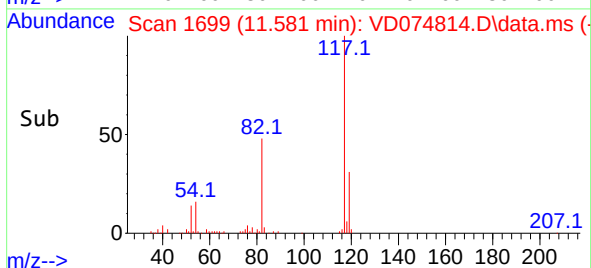
Tgt Ion: 95 Resp: 52041
Ion Ratio Lower Upper
95 100
174 96.8 0.0 197.0
176 93.6 0.0 182.6

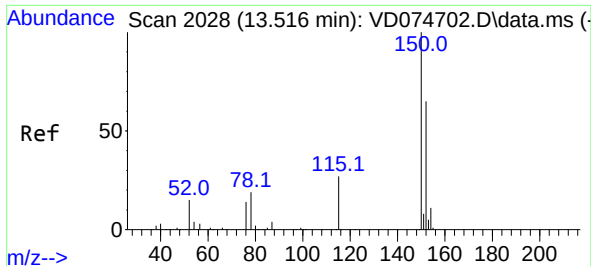


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074814.D
Acq: 08 Nov 2022 20:11



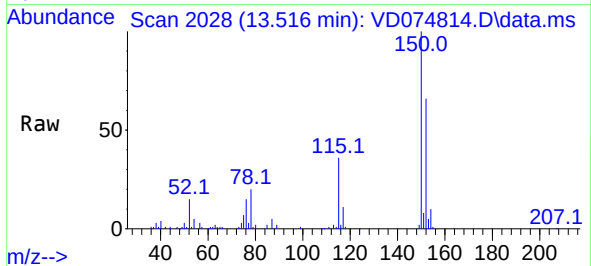
Tgt Ion: 117 Resp: 124681
Ion Ratio Lower Upper
117 100
82 47.9 41.6 62.4
119 30.7 25.2 37.8



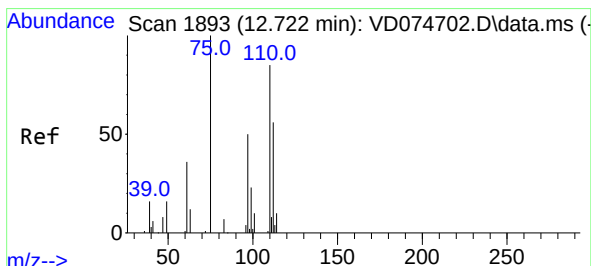
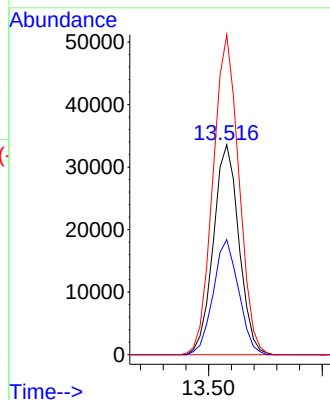
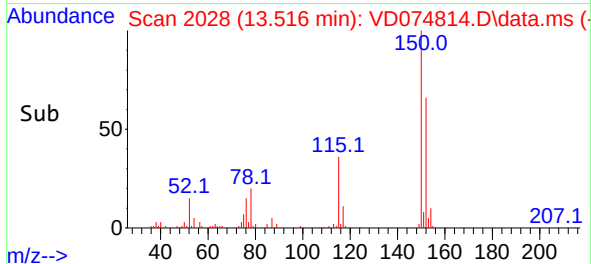


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074814.D
 Acq: 08 Nov 2022 20:11

Instrument :
 MSVOA_D
 ClientSampleId :

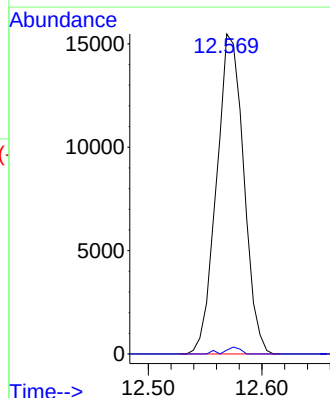
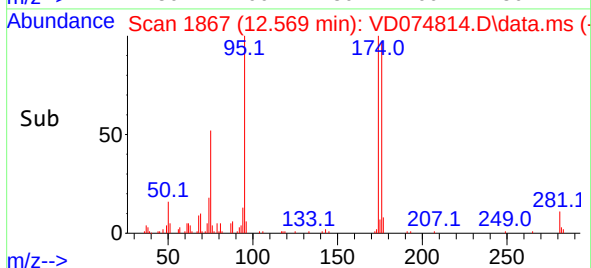
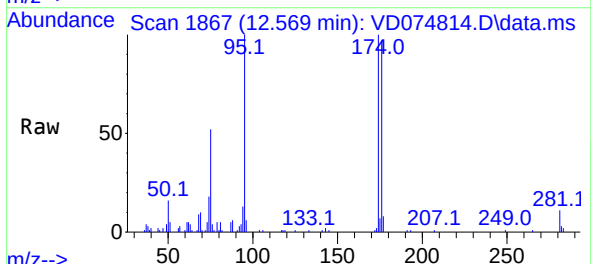


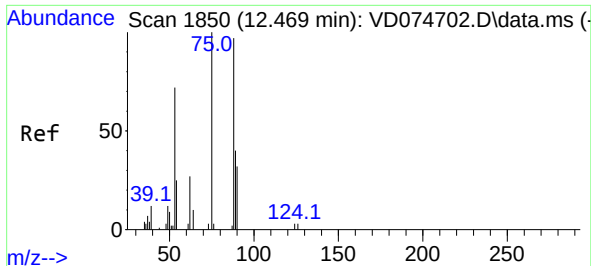
Tgt Ion:152 Resp: 52538
 Ion Ratio Lower Upper
 152 100
 115 54.4 26.8 80.4
 150 154.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 63.073 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD074814.D
 Acq: 08 Nov 2022 20:11

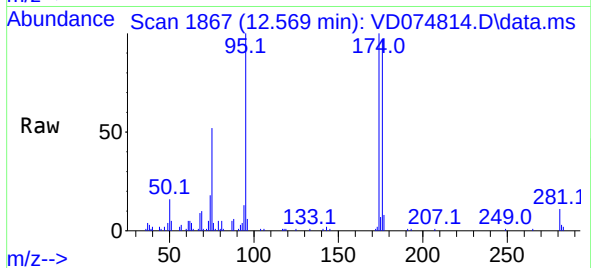
Tgt Ion: 75 Resp: 25688
 Ion Ratio Lower Upper
 75 100
 77 1.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.719 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074814.D
 Acq: 08 Nov 2022 20:11

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	25688
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

