

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074714.D
 Acq On : 03 Nov 2022 14:41
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Nov 04 00:02:27 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)

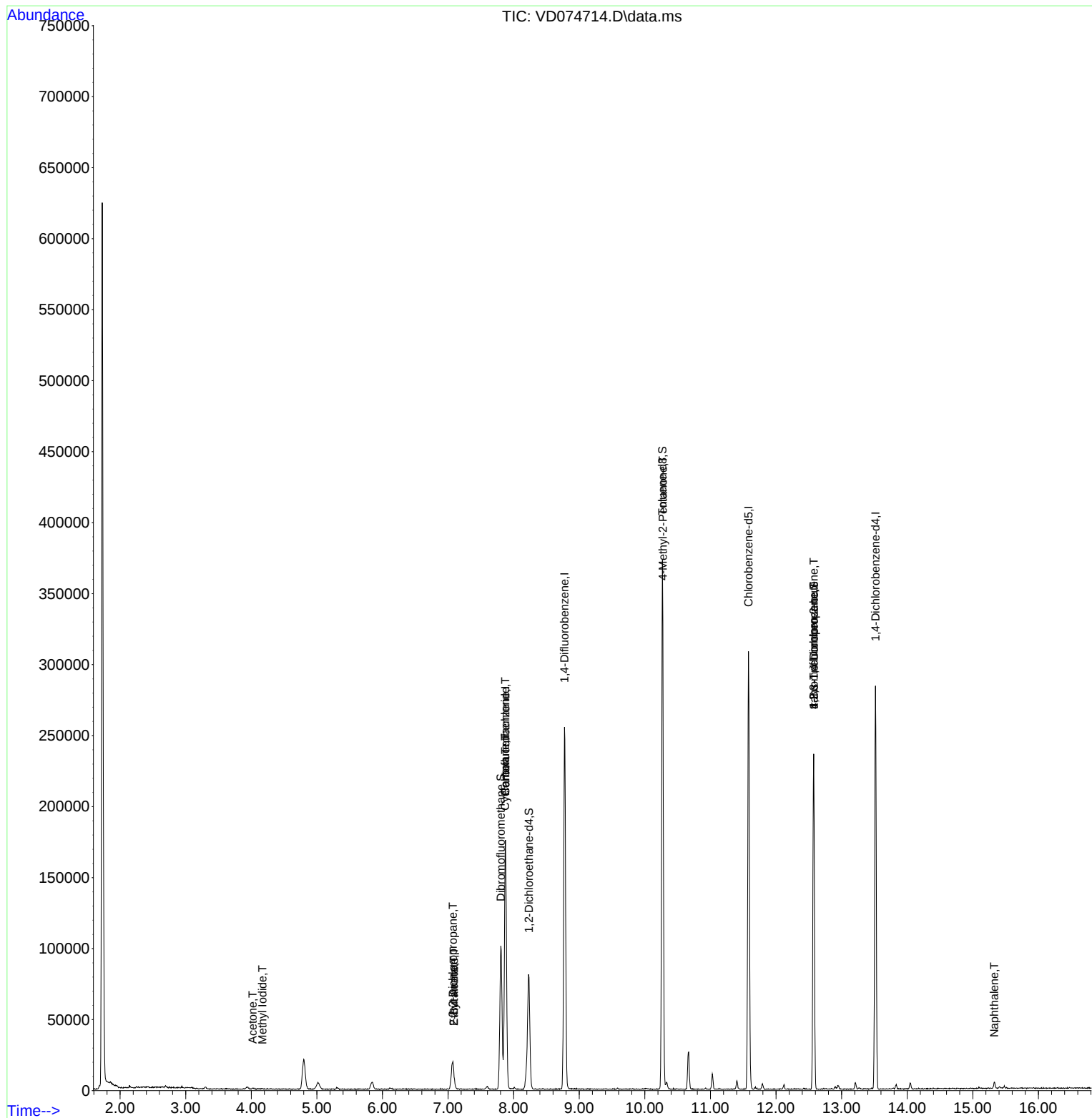
Internal Standards						
1) Pentafluorobenzene	7.875	168	142426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	244018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59799	53.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.020%	
35) Dibromofluoromethane	7.804	113	74927	51.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.820%	
50) Toluene-d8	10.269	98	266659	50.644	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.575	95	70066	46.088	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.180%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	624	5.840	ug/l #	43
11) Tert butyl alcohol	5.022	59	4553	Below Cal	#	84
16) Acetone	4.022	43	991	4.210	ug/l #	86
20) Methylene Chloride	4.805	84	18210	Below Cal		94
25) 2-Butanone	7.087	43	1330	4.109	ug/l #	42
26) 2,2-Dichloropropane	7.075	77	2700	1.145	ug/l #	50
31) Cyclohexane	7.869	56	2390	1.046	ug/l #	1
37) Ethyl Acetate	7.087	43	1330	1.820	ug/l #	1
38) Carbon Tetrachloride	7.875	117	13773	6.635	ug/l #	19
51) 4-Methyl-2-Pentanone	10.275	43	829	1.257	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	34227	53.978	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	34227	128.132	ug/l #	17
95) Naphthalene	15.328	128	5193	1.802	ug/l #	95

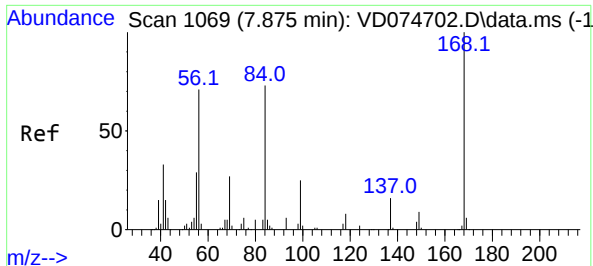
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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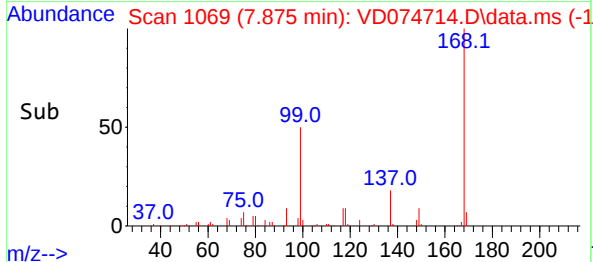
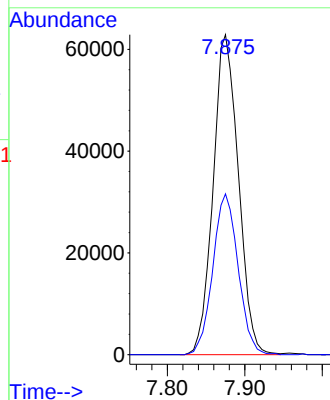
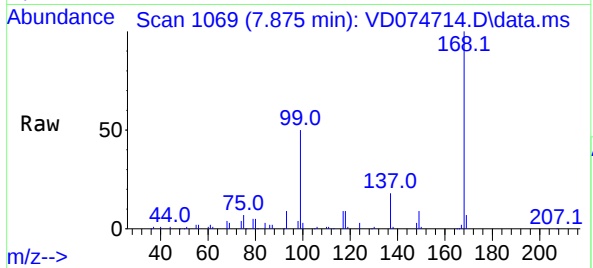




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

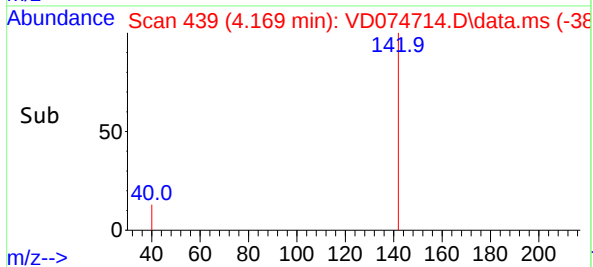
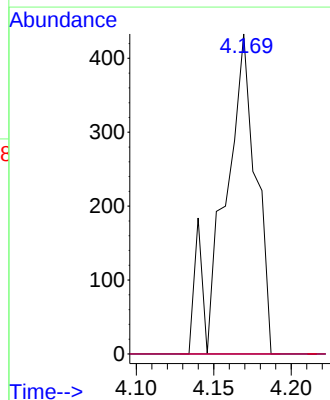
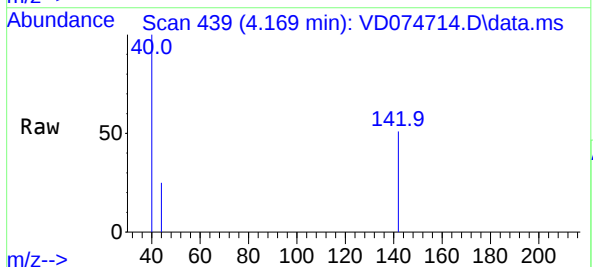
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 142426
Ion Ratio Lower Upper
168 100
99 50.2 40.9 61.3



#10
Methyl Iodide
Concen: 5.840 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Tgt Ion:142 Resp: 624
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

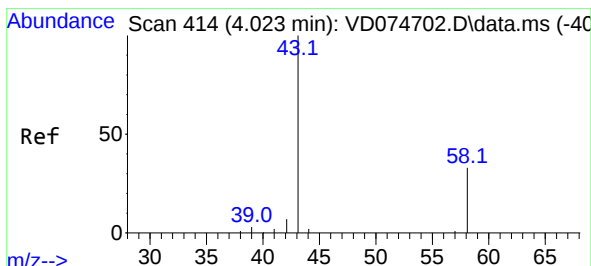
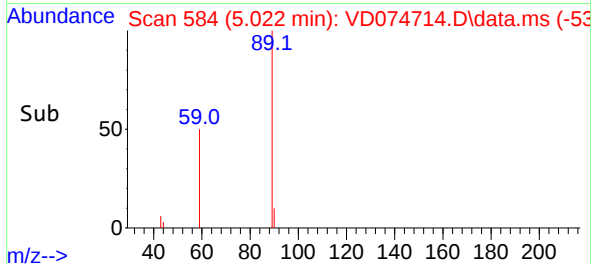
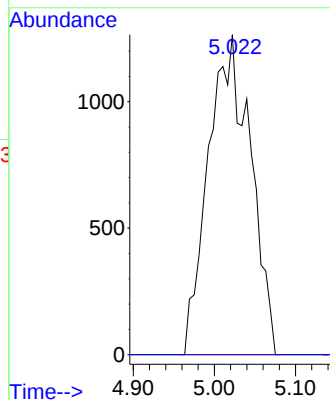
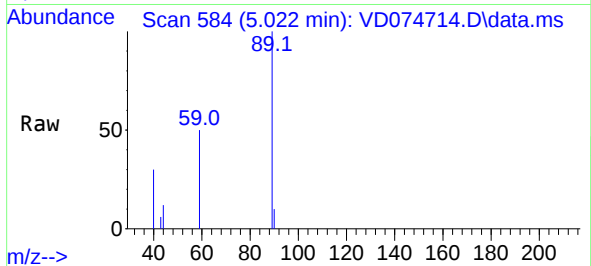




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.022 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

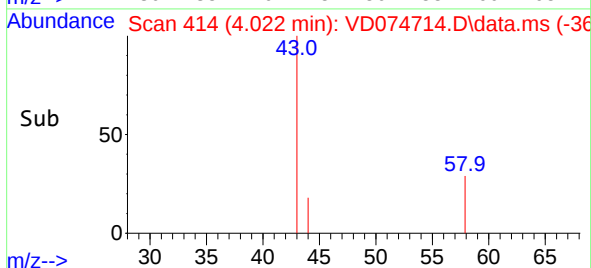
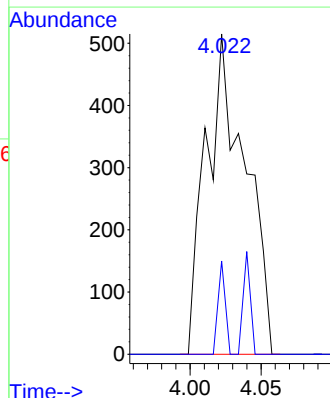
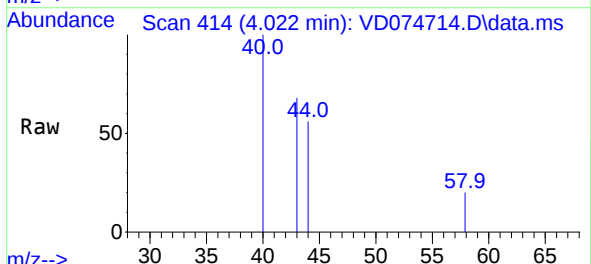
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

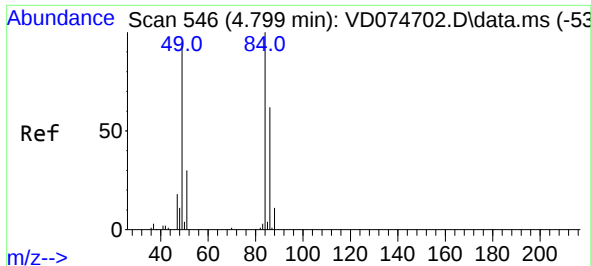
Tgt Ion: 59 Resp: 4553
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 4.210 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
58 29.1 30.2 45.2#

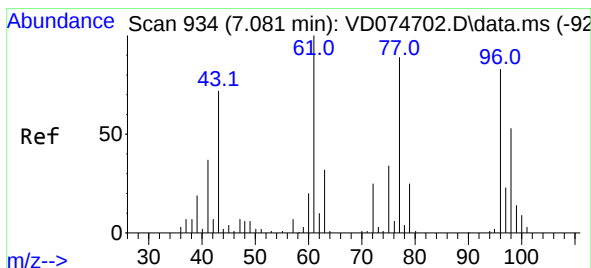
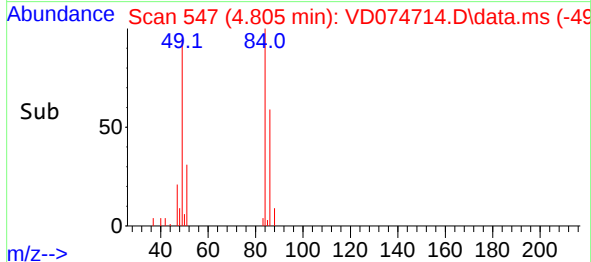
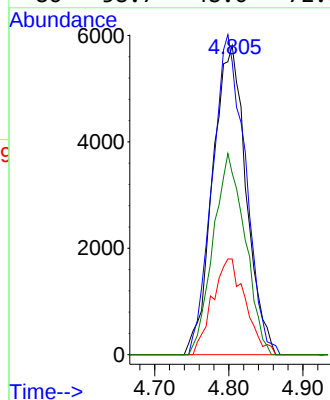
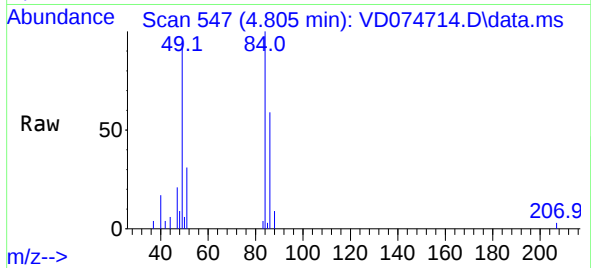




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

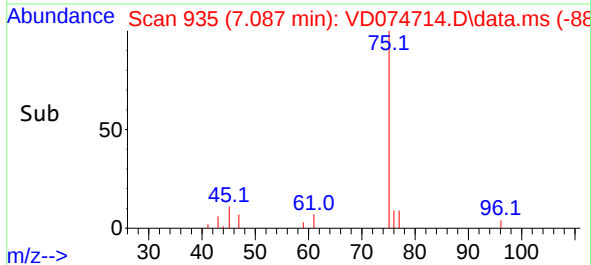
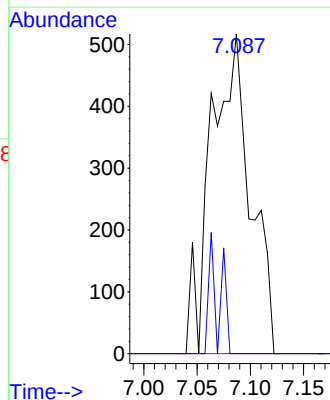
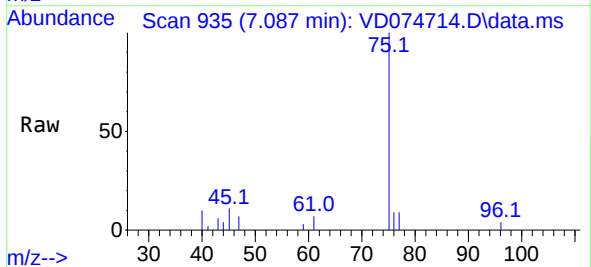
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

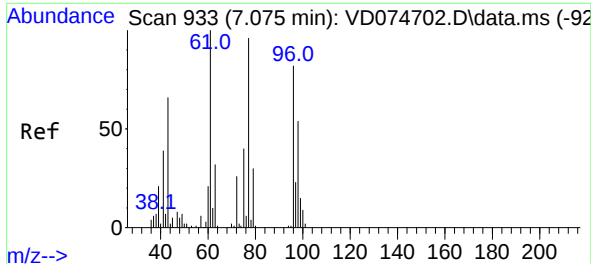
Tgt Ion: 84 Resp: 18210
Ion Ratio Lower Upper
84 100
49 94.7 68.0 102.0
51 31.0 23.2 34.8
86 58.7 48.0 72.0



#25
2-Butanone
Concen: 4.109 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#

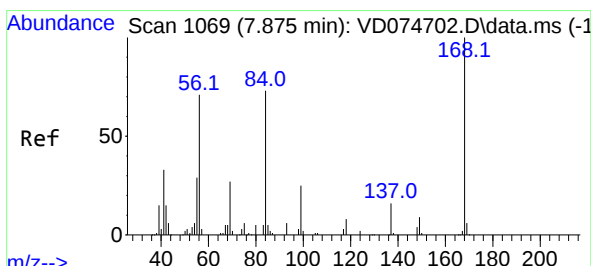
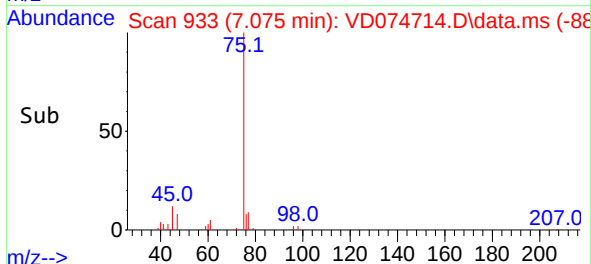
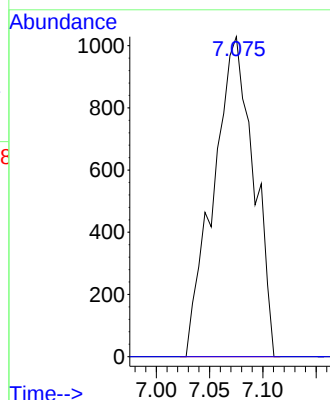
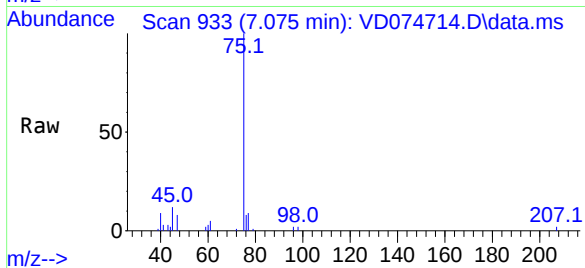




#26
2,2-Dichloropropane
Concen: 1.145 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

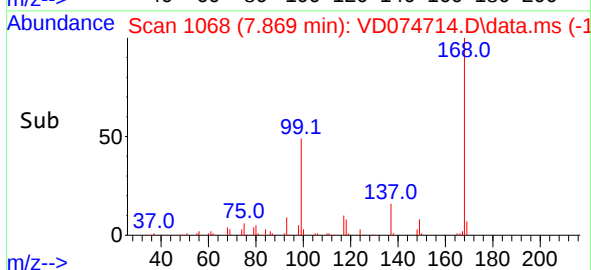
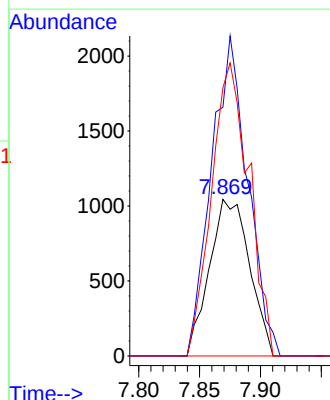
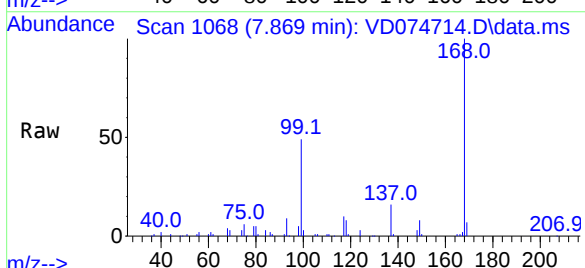
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

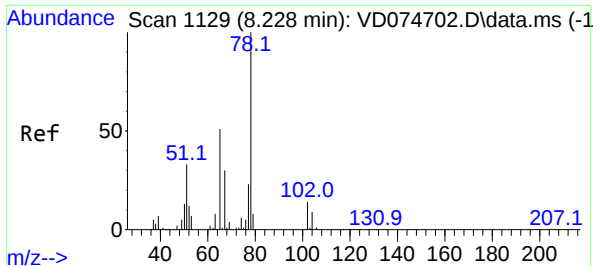
Tgt Ion: 77 Resp: 2700
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Tgt Ion: 56 Resp: 2390
Ion Ratio Lower Upper
56 100
69 158.8 29.2 43.8#
84 171.1 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 53.011 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074714.D

Acq: 03 Nov 2022 14:41

Instrument :

MSVOA_D

ClientSampleId :

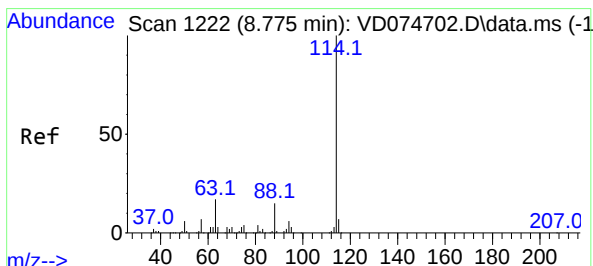
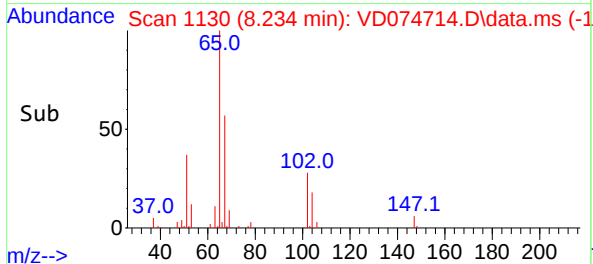
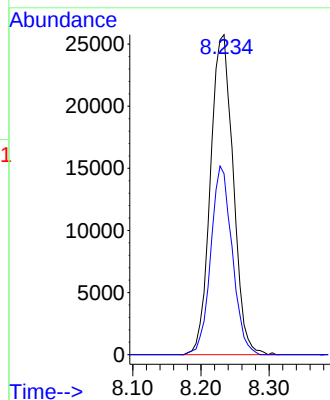
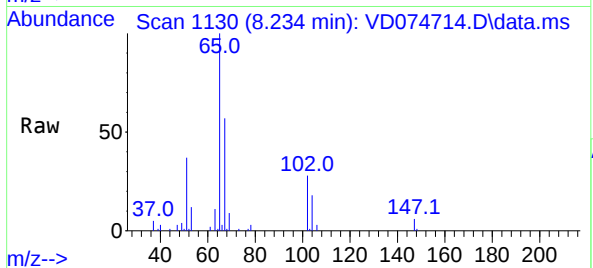
VIBLK

Tgt Ion: 65 Resp: 59799

Ion Ratio Lower Upper

65 100

67 55.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074714.D

Acq: 03 Nov 2022 14:41

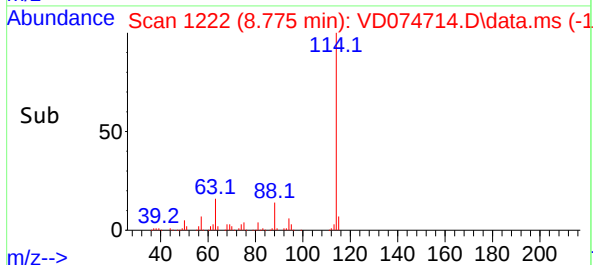
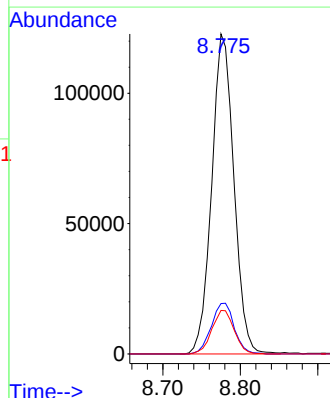
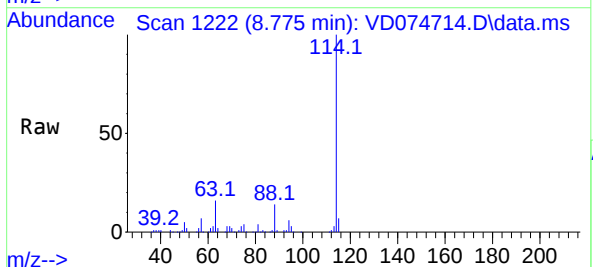
Tgt Ion: 114 Resp: 244018

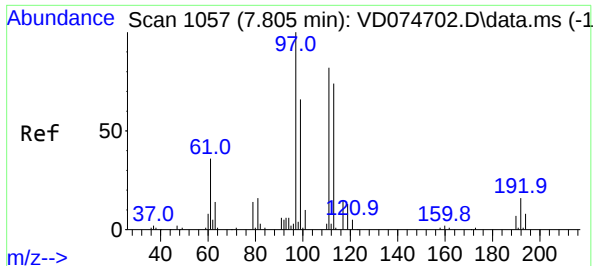
Ion Ratio Lower Upper

114 100

63 15.7 0.0 33.2

88 13.6 0.0 28.2

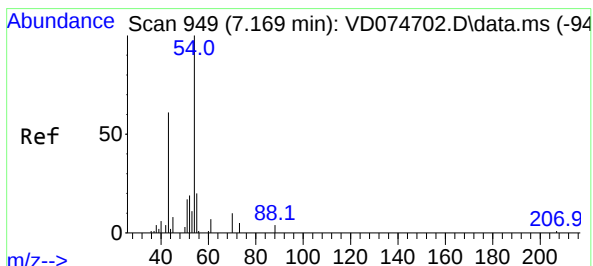
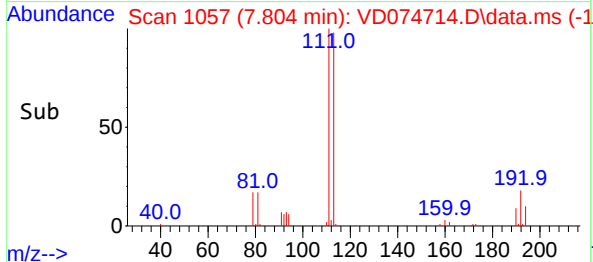
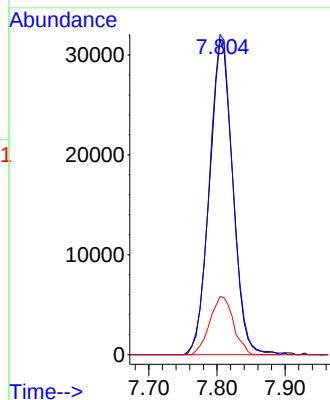
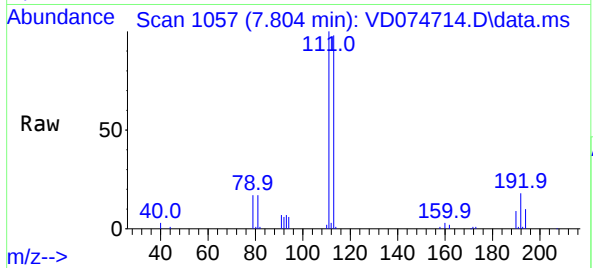




#35
Dibromofluoromethane
Concen: 51.908 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

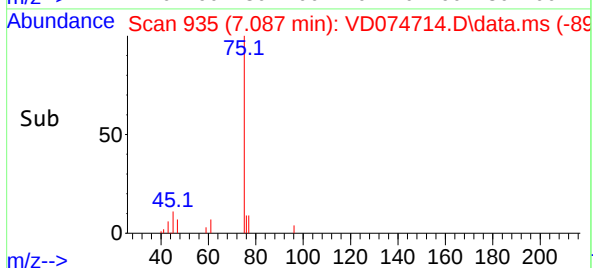
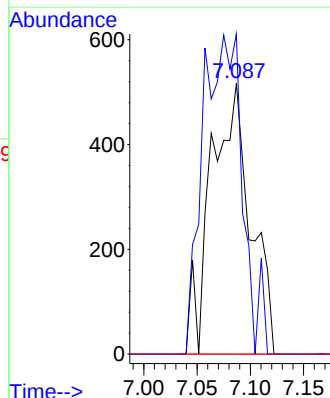
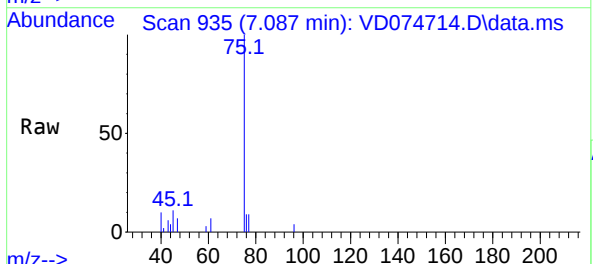
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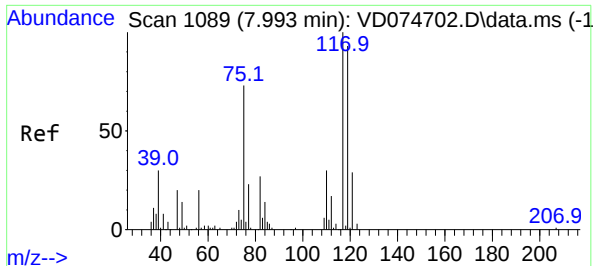
Tgt Ion:113 Resp: 74927
Ion Ratio Lower Upper
113 100
111 102.1 82.3 123.5
192 18.7 16.4 24.6



#37
Ethyl Acetate
Concen: 1.820 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.082 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
61 118.6 12.2 18.4#
70 0.0 9.6 14.4#

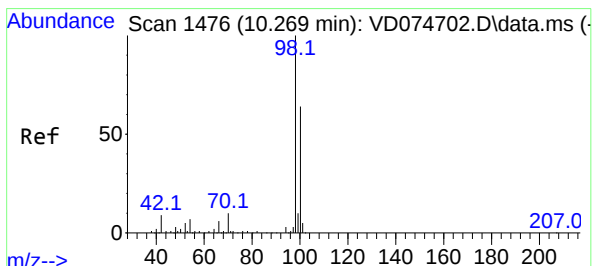
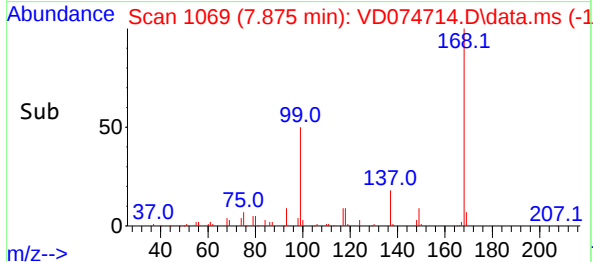
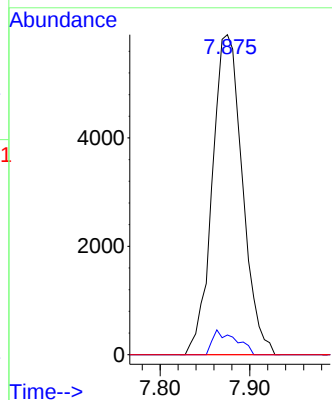
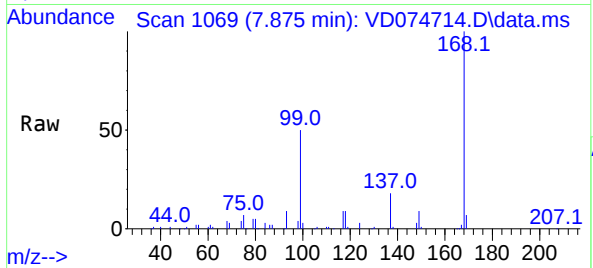




#38
Carbon Tetrachloride
Concen: 6.635 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

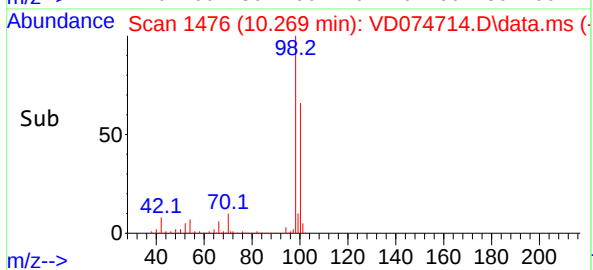
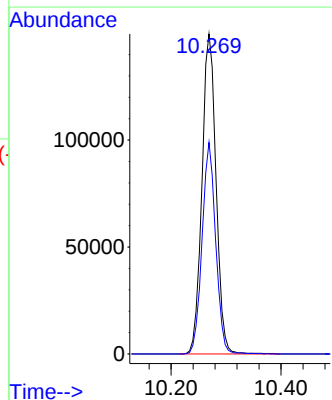
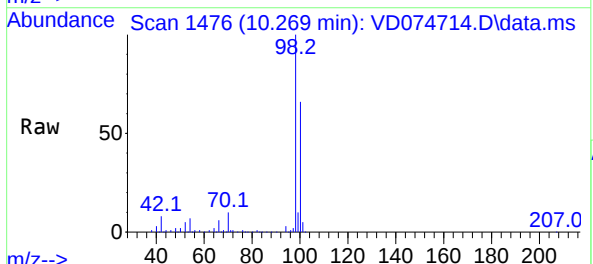
Instrument :
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VIBLK

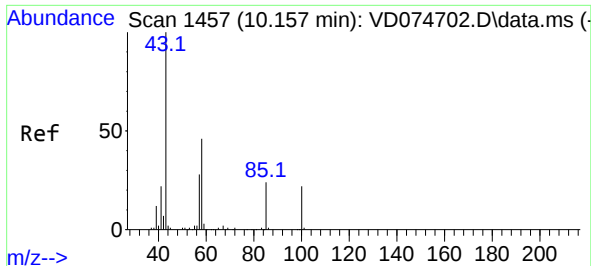
Tgt Ion:117 Resp: 13773
Ion Ratio Lower Upper
117 100
119 6.1 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.644 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Tgt Ion: 98 Resp: 266659
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0

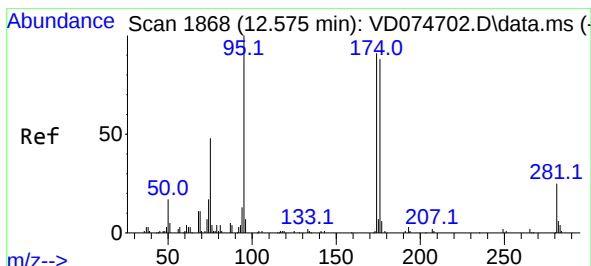
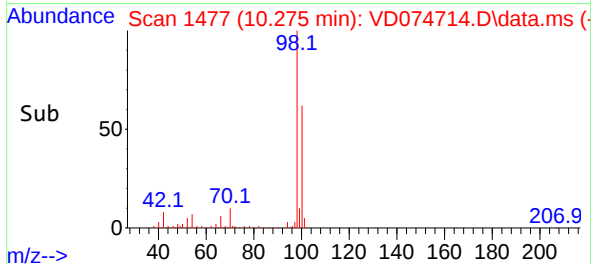
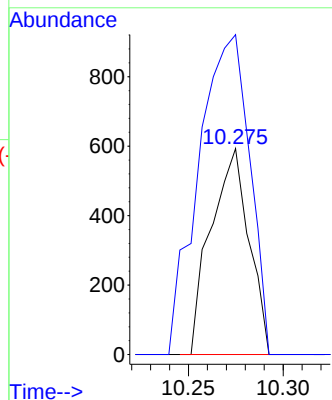
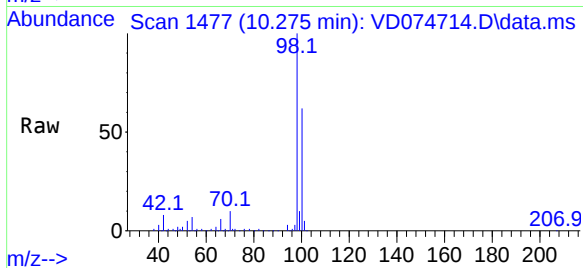




#51
4-Methyl-2-Pentanone
Concen: 1.257 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

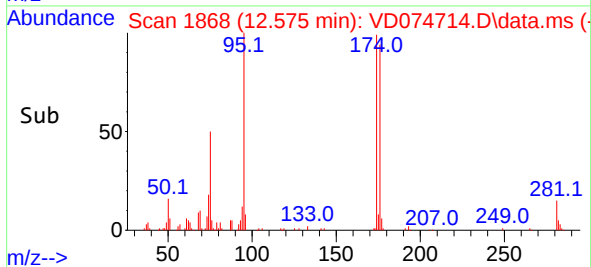
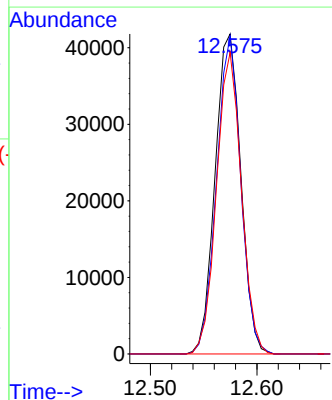
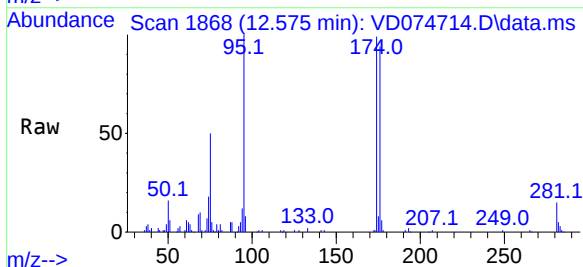
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

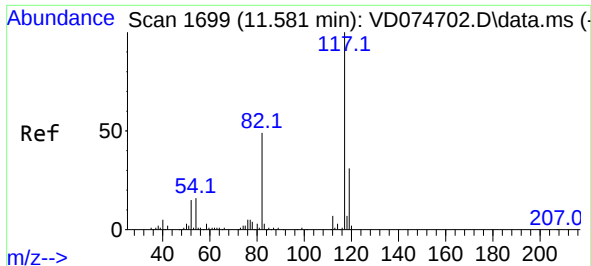
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 207.8 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 46.088 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

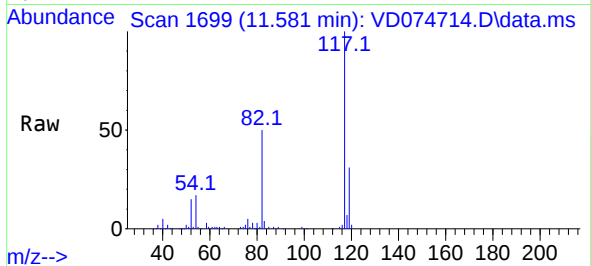
Tgt Ion: 95 Resp: 70066
Ion Ratio Lower Upper
95 100
174 93.5 0.0 197.0
176 90.8 0.0 182.6



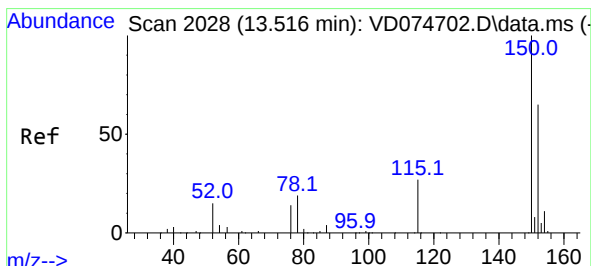
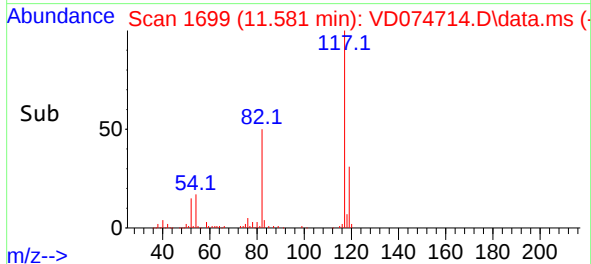
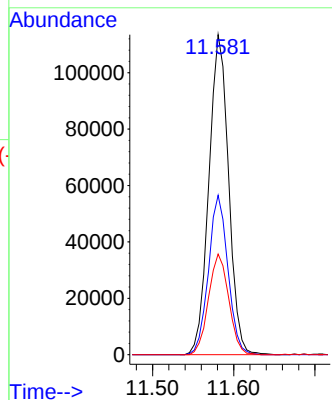


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

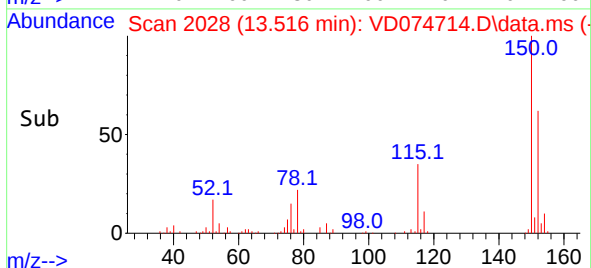
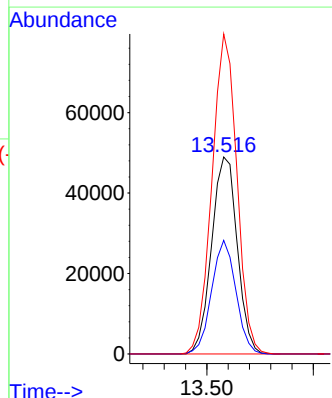
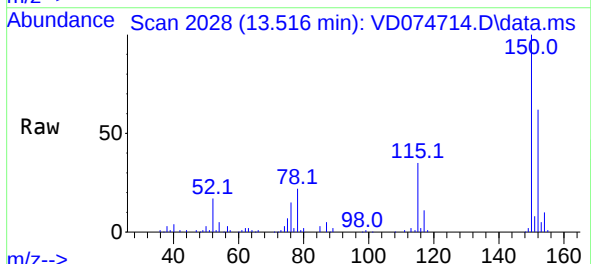


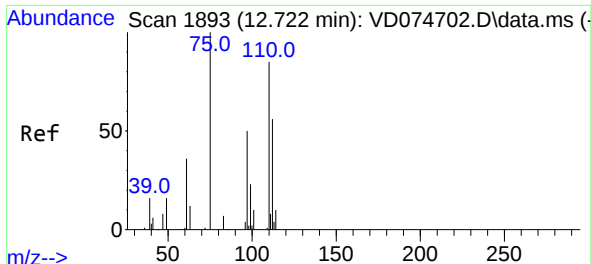
Tgt Ion:117 Resp: 191328
Ion Ratio Lower Upper
117 100
82 49.8 41.6 62.4
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Tgt Ion:152 Resp: 81796
Ion Ratio Lower Upper
152 100
115 54.7 26.8 80.4
150 157.6 0.0 348.2

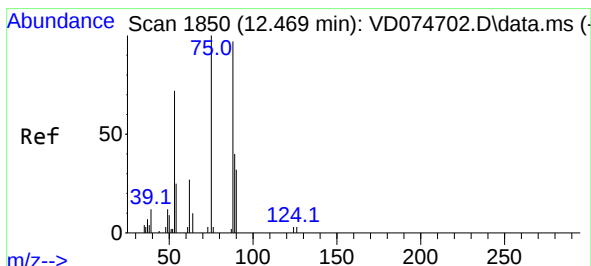
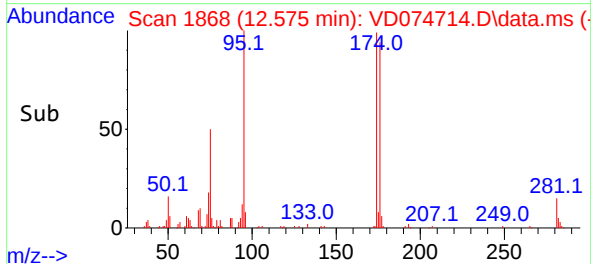
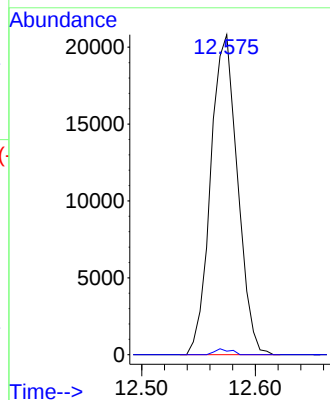
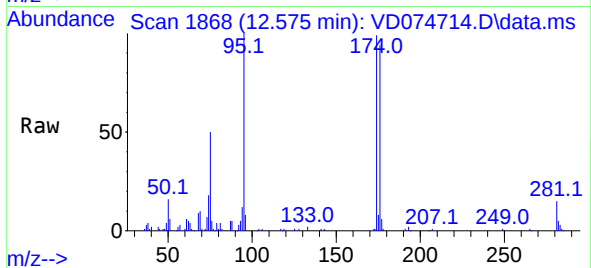




#76
1,2,3-Trichloropropane
Concen: 53.978 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

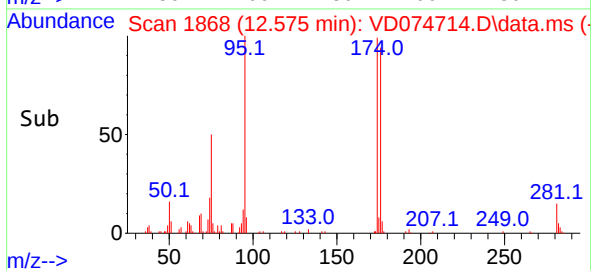
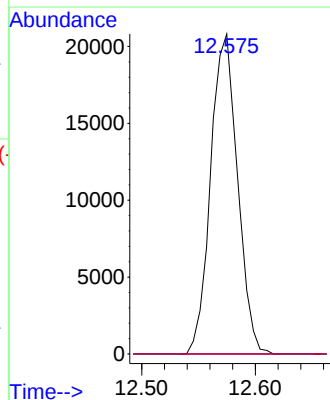
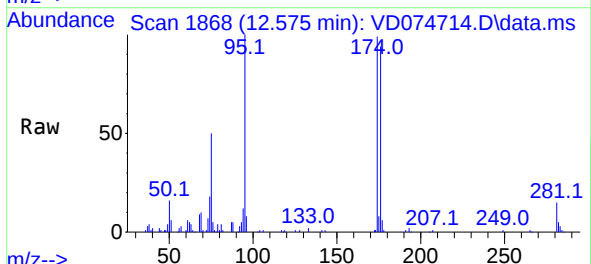
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

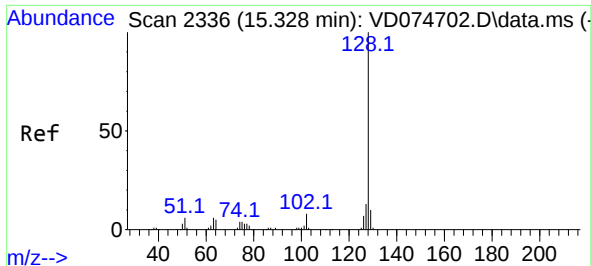
Tgt Ion: 75 Resp: 34227
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.132 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

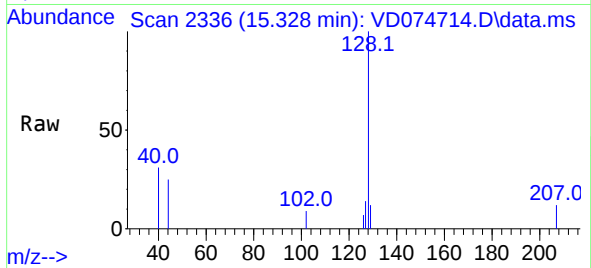
Tgt Ion: 75 Resp: 34227
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#





#95
Naphthalene
Concen: 1.802 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion:128 Resp: 5193
Ion Ratio Lower Upper
128 100
127 10.5 10.6 16.0#
129 9.3 8.3 12.5

