

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074872.D
 Acq On : 10 Nov 2022 17:15
 Operator : VA/SY
 Sample : N5520-03RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124037RE

Quant Time: Nov 11 07:18:48 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)

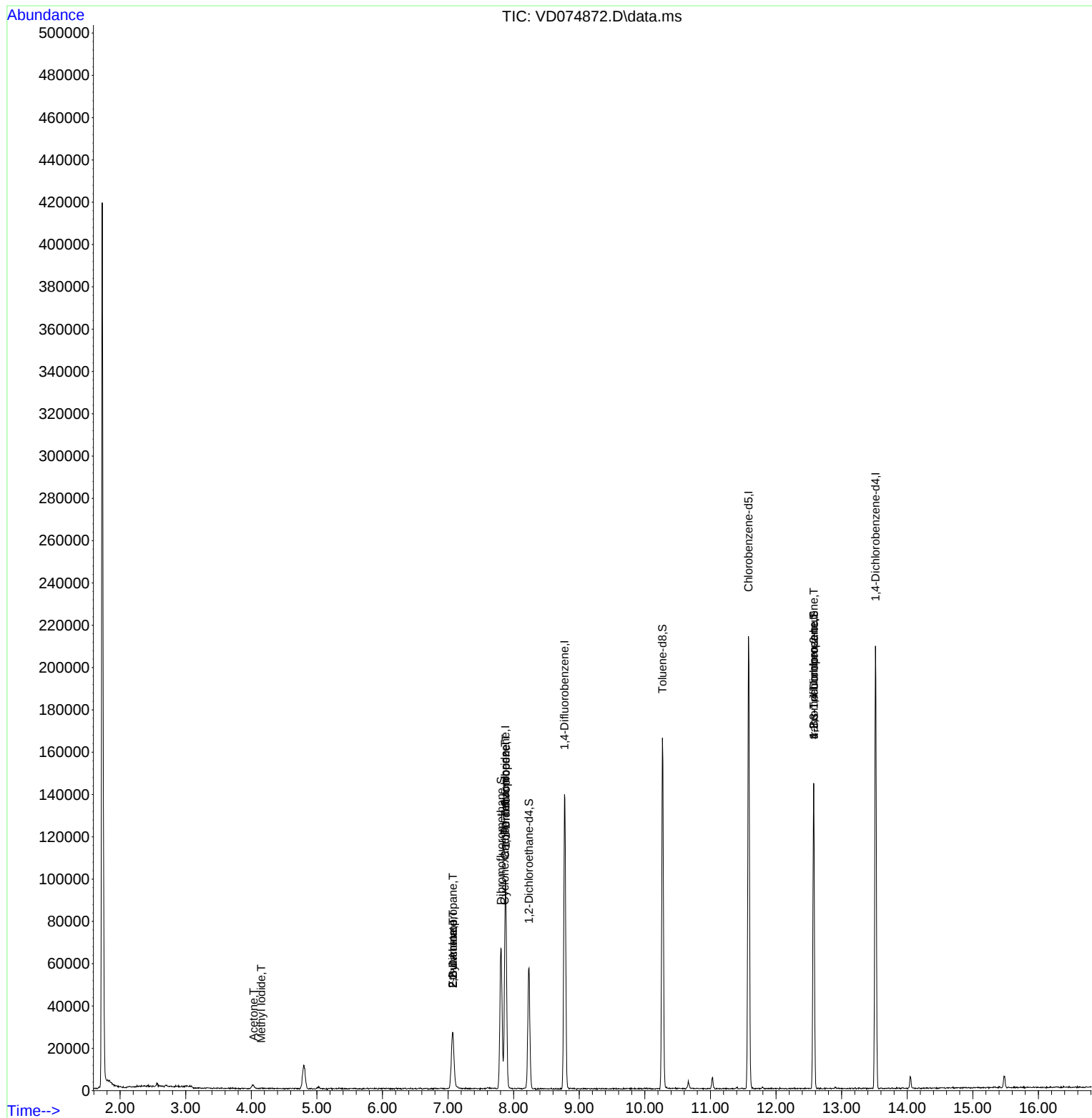
Internal Standards						
1) Pentafluorobenzene	7.875	168	81440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	135850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	135041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	60595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43956	68.147	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.300%			
35) Dibromofluoromethane	7.810	113	50084	62.324	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 124.640%			
50) Toluene-d8	10.269	98	122210	41.691	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 83.380%			
62) 4-Bromofluorobenzene	12.575	95	43761	51.704	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.400%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.152	142	190	5.707	ug/l #	43
11) Tert butyl alcohol	4.999	59	294	Below Cal	#	84
16) Acetone	4.034	43	3502	26.017	ug/l #	87
20) Methylene Chloride	4.804	84	9642	Below Cal	#	93
25) 2-Butanone	7.075	43	1305	7.051	ug/l #	42
26) 2,2-Dichloropropane	7.075	77	2077	1.540	ug/l #	50
31) Cyclohexane	7.863	56	1445	1.106	ug/l #	45
36) 1,1-Dichloropropene	7.881	75	6112	5.011	ug/l #	44
37) Ethyl Acetate	7.075	43	1305	3.207	ug/l #	1
38) Carbon Tetrachloride	7.869	117	7710	6.672	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	21158	45.042	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	21158	106.920	ug/l #	17

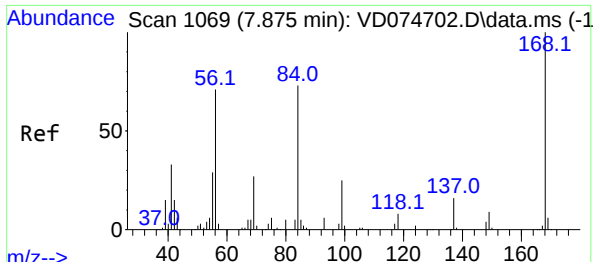
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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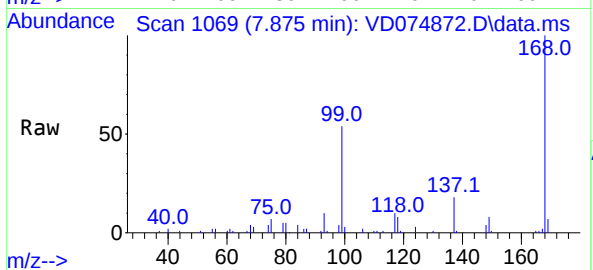
Quant Time: Nov 11 07:18:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
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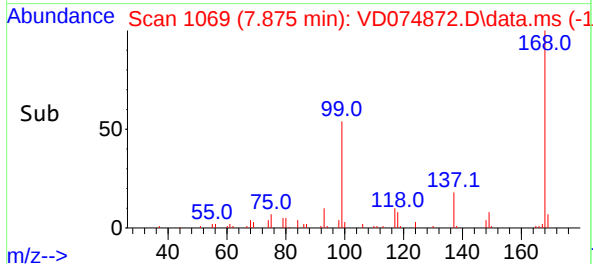
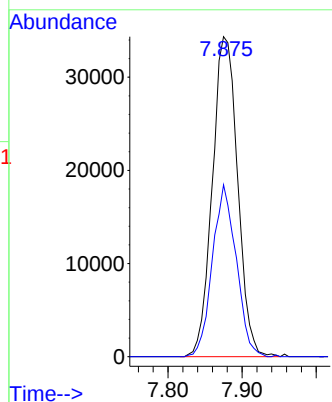


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

Instrument :
MSVOA_D
ClientSampleId :
124037RE

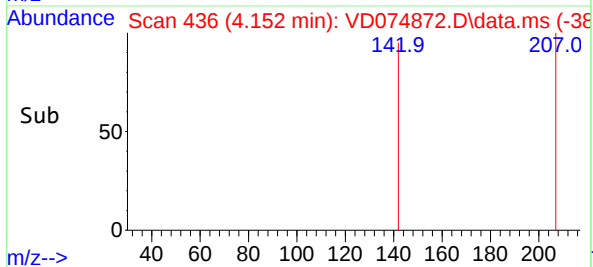
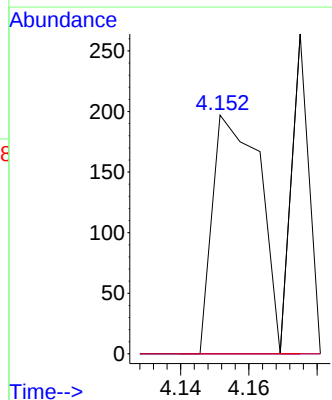
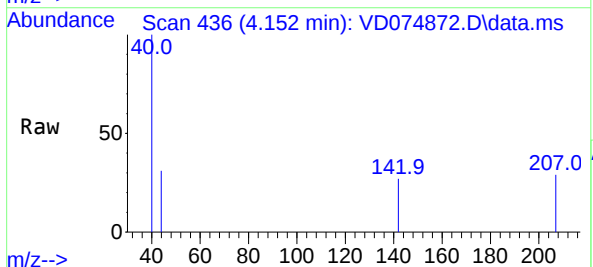


Tgt Ion:168 Resp: 81440
Ion Ratio Lower Upper
168 100
99 53.7 40.9 61.3



#10
Methyl Iodide
Concen: 5.707 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

Tgt Ion:142 Resp: 190
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: 4.999 min Scan# 51

Delta R.T. -0.047 min

Lab File: VD074872.D

Acq: 10 Nov 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

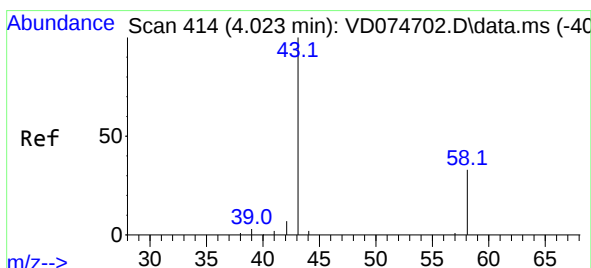
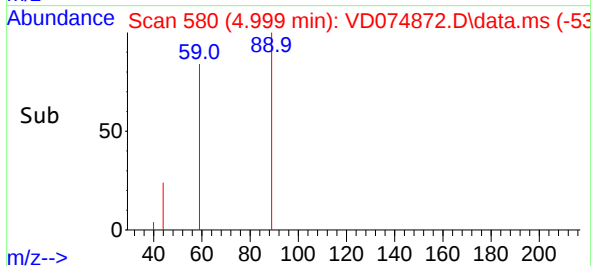
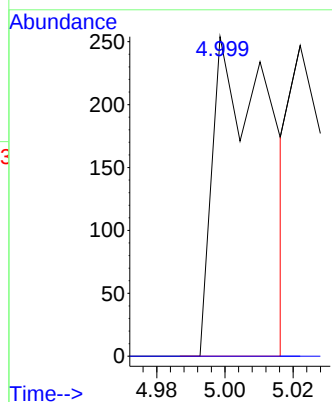
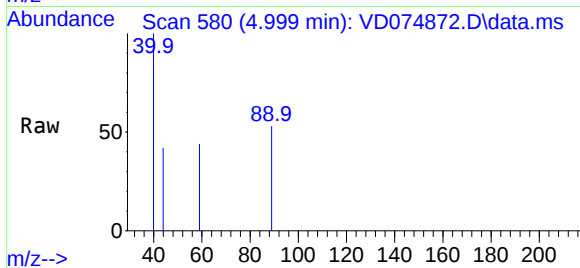
124037RE

Tgt Ion: 59 Resp: 294

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 26.017 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.011 min

Lab File: VD074872.D

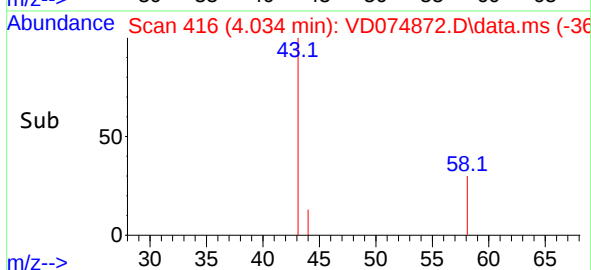
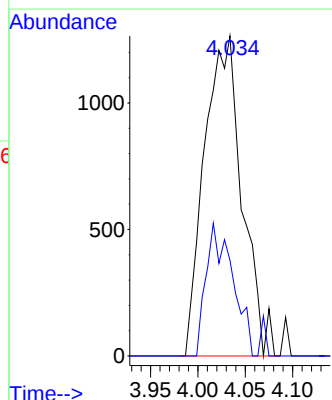
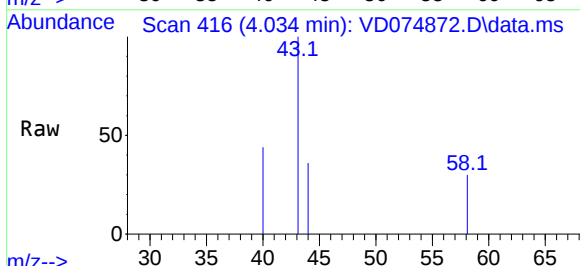
Acq: 10 Nov 2022 17:15

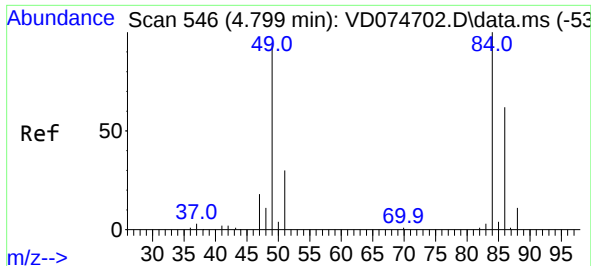
Tgt Ion: 43 Resp: 3502

Ion Ratio Lower Upper

43 100

58 29.9 30.2 45.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.804 min Scan# 54

Delta R.T. 0.005 min

Lab File: VD074872.D

Acq: 10 Nov 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

124037RE

Tgt Ion: 84 Resp: 9642

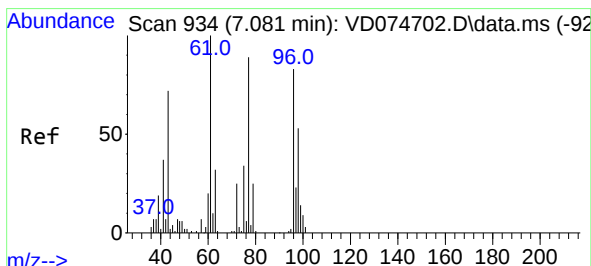
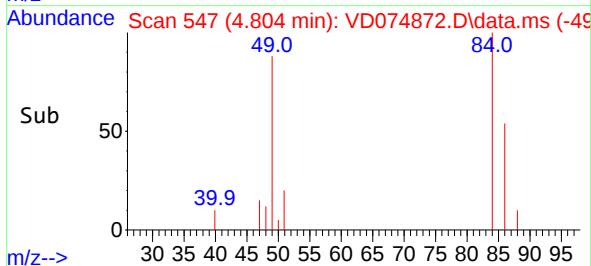
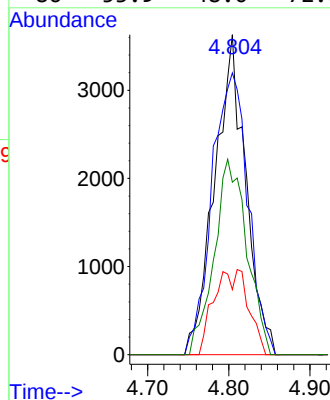
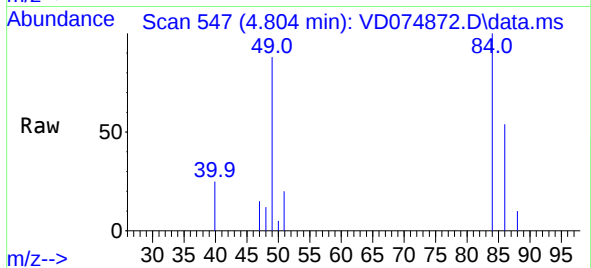
Ion Ratio Lower Upper

84 100

49 88.1 68.0 102.0

51 20.4 23.2 34.8#

86 53.9 48.0 72.0



#25

2-Butanone

Concen: 7.051 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD074872.D

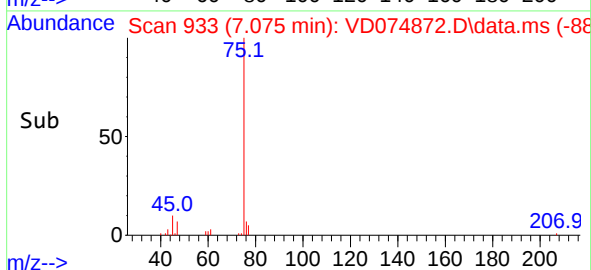
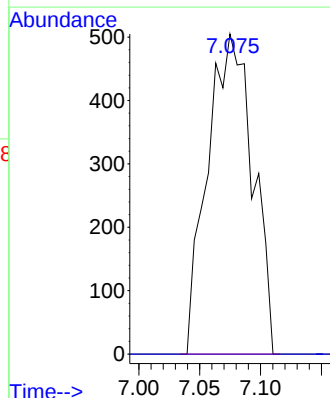
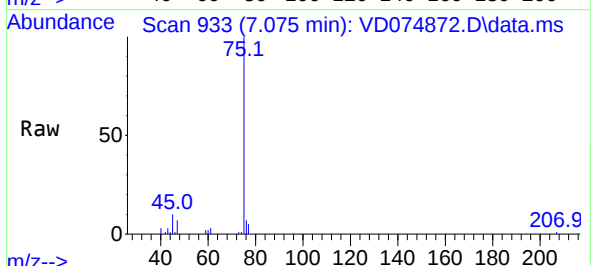
Acq: 10 Nov 2022 17:15

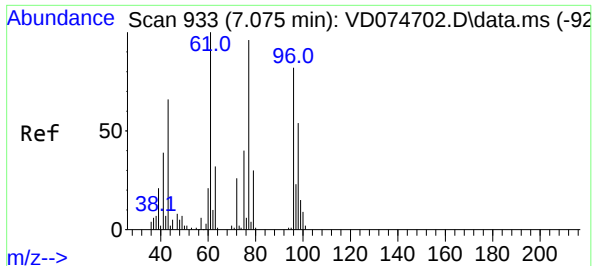
Tgt Ion: 43 Resp: 1305

Ion Ratio Lower Upper

43 100

72 0.0 25.8 38.8#





#26

2,2-Dichloropropane

Concen: 1.540 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074872.D

Acq: 10 Nov 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

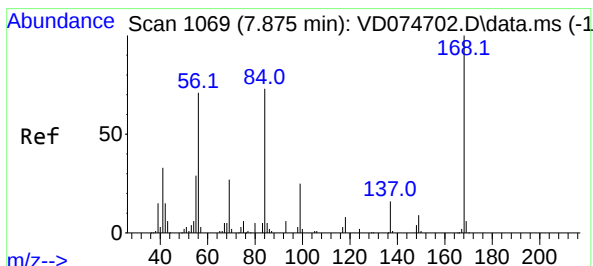
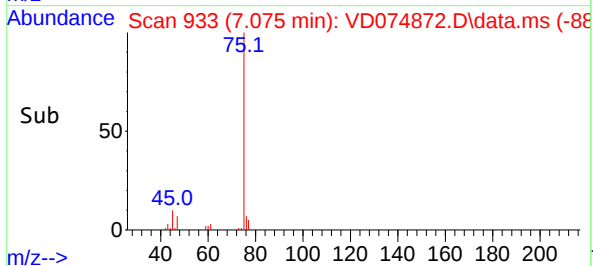
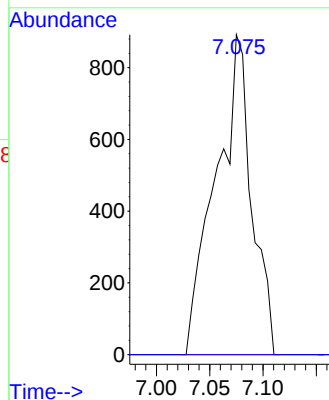
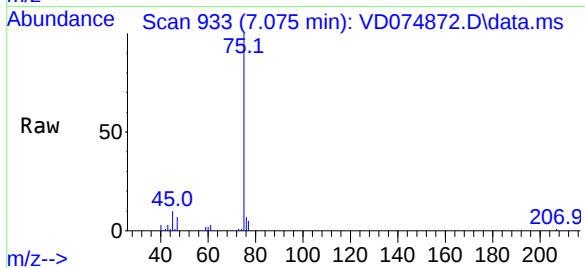
124037RE

Tgt Ion: 77 Resp: 2077

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#



#31

Cyclohexane

Concen: 1.106 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.012 min

Lab File: VD074872.D

Acq: 10 Nov 2022 17:15

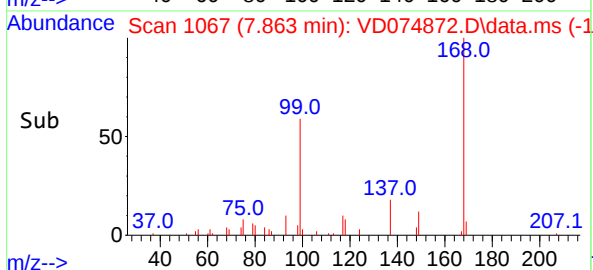
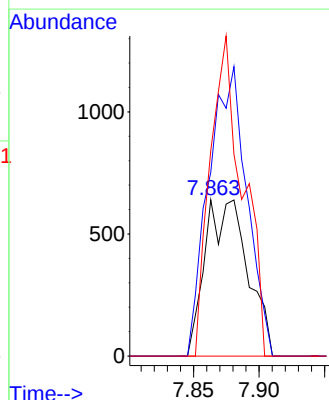
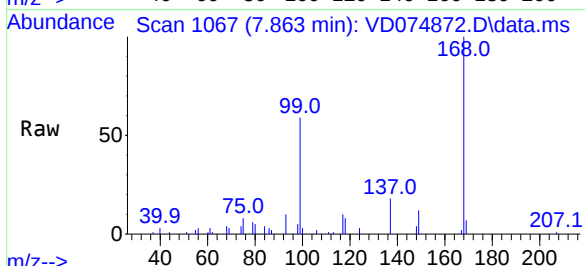
Tgt Ion: 56 Resp: 1445

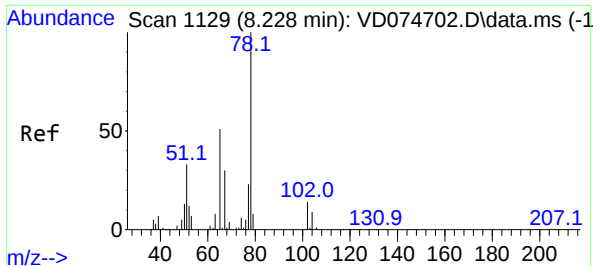
Ion Ratio Lower Upper

56 100

69 117.5 29.2 43.8#

84 131.4 83.4 125.2#

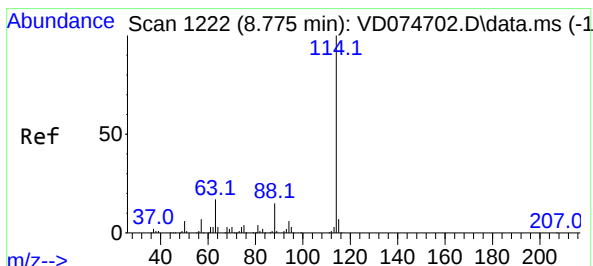
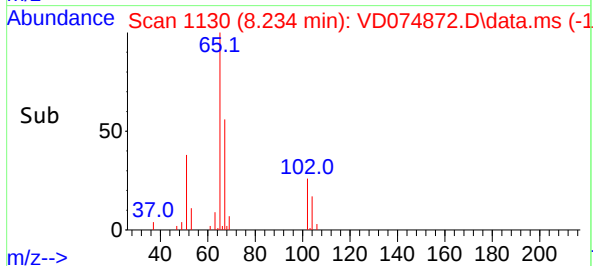
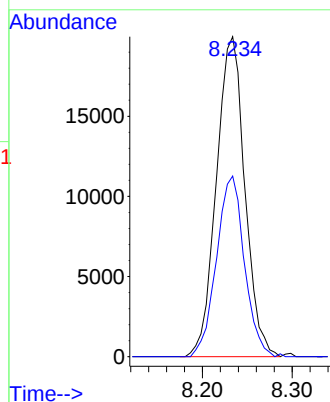
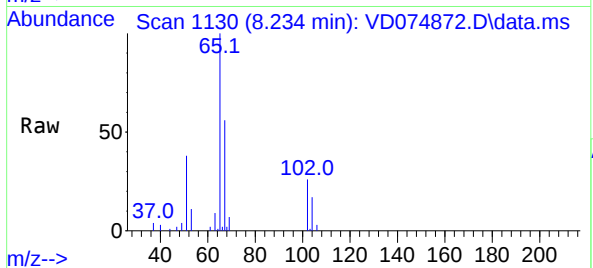




#33
1,2-Dichloroethane-d4
Concen: 68.147 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

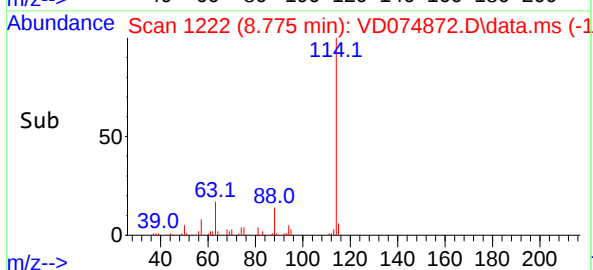
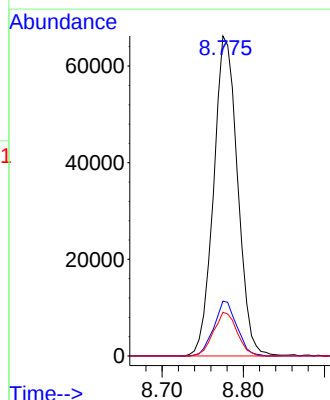
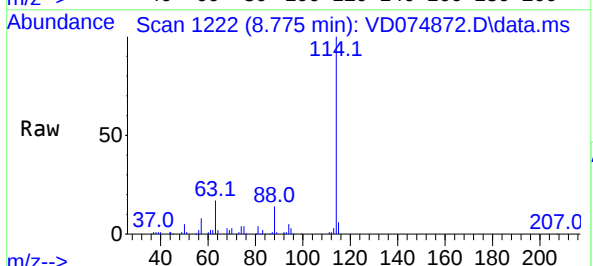
Instrument :
MSVOA_D
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124037RE

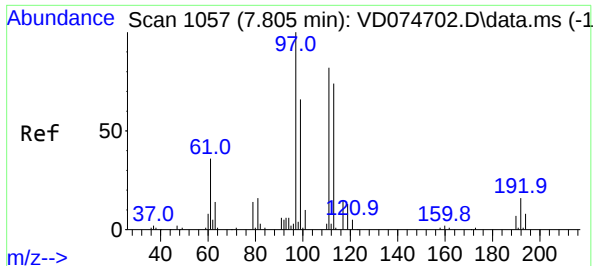
Tgt Ion: 65 Resp: 43956
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

Tgt Ion: 114 Resp: 135850
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.2
88 13.6 0.0 28.2

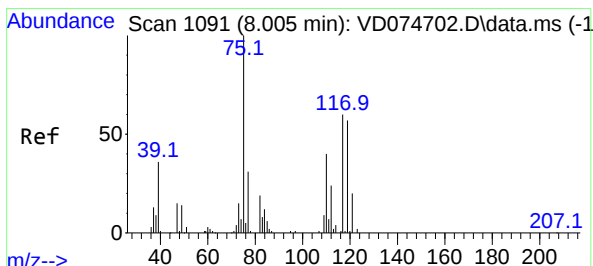
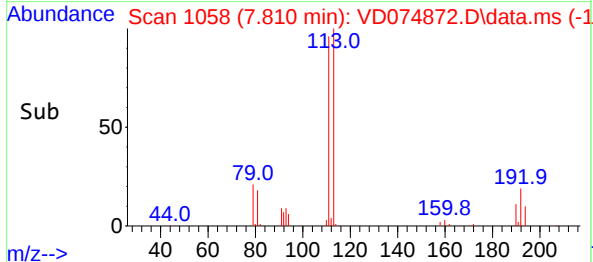
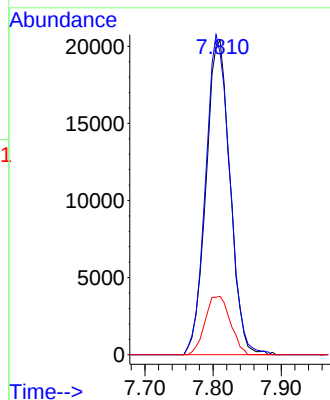
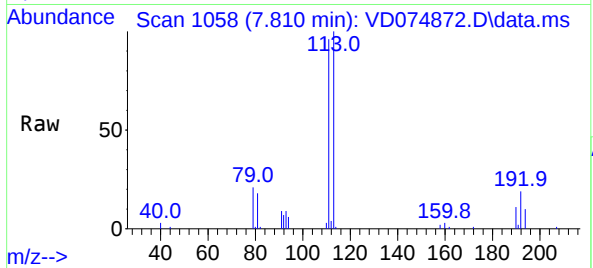




#35
Dibromofluoromethane
Concen: 62.324 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

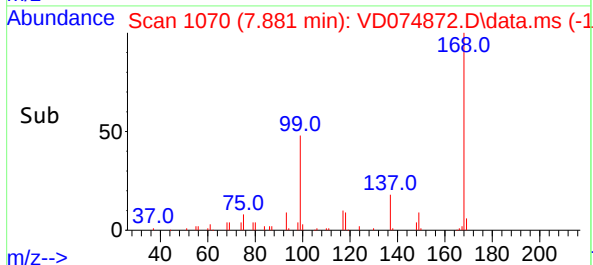
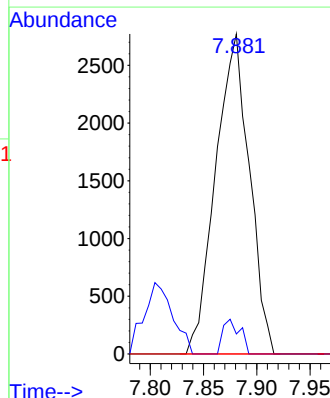
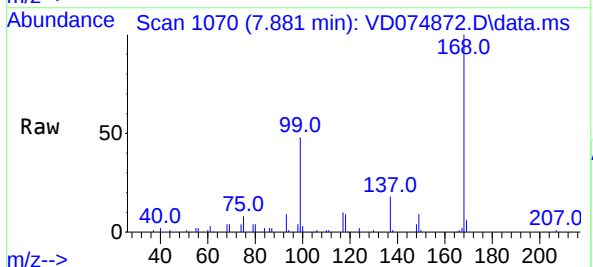
Instrument :
MSVOA_D
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124037RE

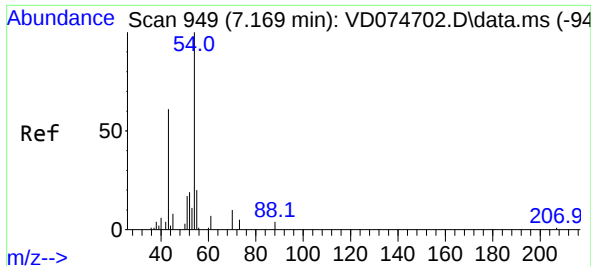
Tgt Ion:113 Resp: 50084
Ion Ratio Lower Upper
113 100
111 102.2 82.3 123.5
192 19.4 16.4 24.6



#36
1,1-Dichloropropene
Concen: 5.011 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.124 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

Tgt Ion: 75 Resp: 6112
Ion Ratio Lower Upper
75 100
110 5.5 19.7 59.0#
77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 3.207 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.094 min

Lab File: VD074872.D

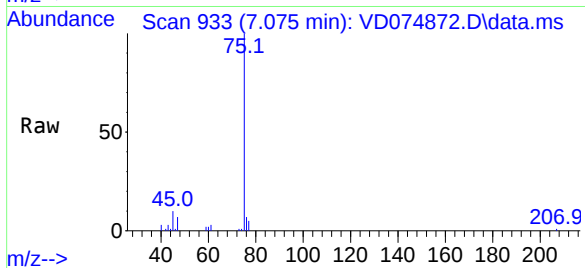
Acq: 10 Nov 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

124037RE



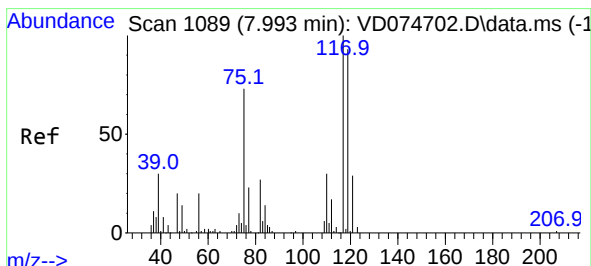
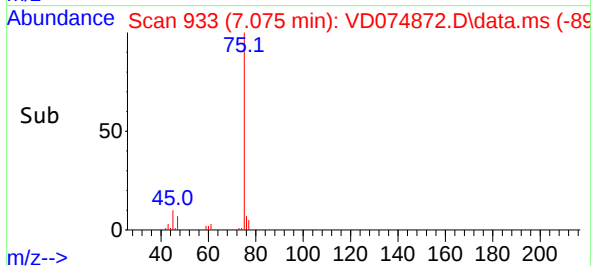
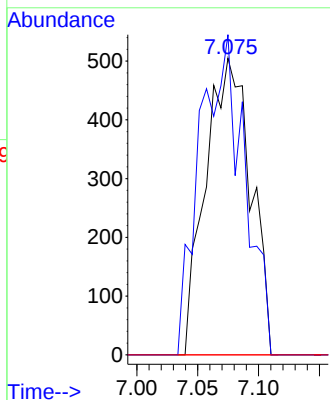
Tgt Ion: 43 Resp: 1305

Ion Ratio Lower Upper

43 100

61 105.7 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 6.672 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD074872.D

Acq: 10 Nov 2022 17:15

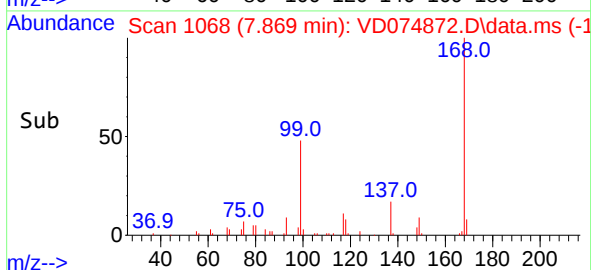
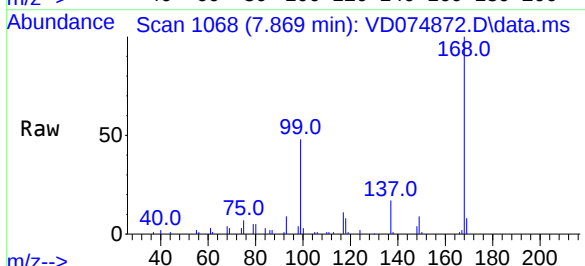
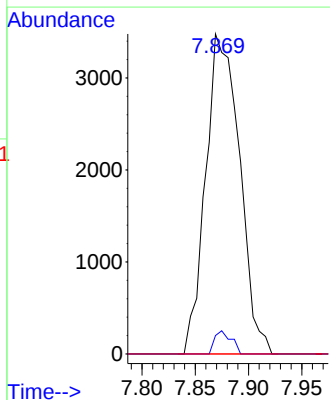
Tgt Ion: 117 Resp: 7710

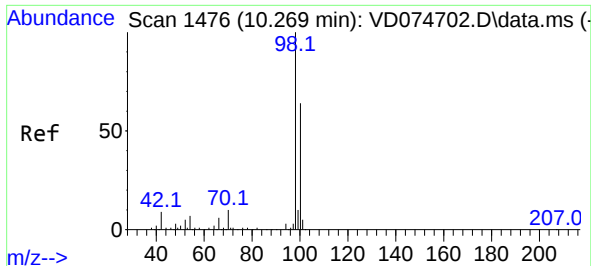
Ion Ratio Lower Upper

117 100

119 5.8 73.1 109.7#

121 0.0 25.0 37.6#

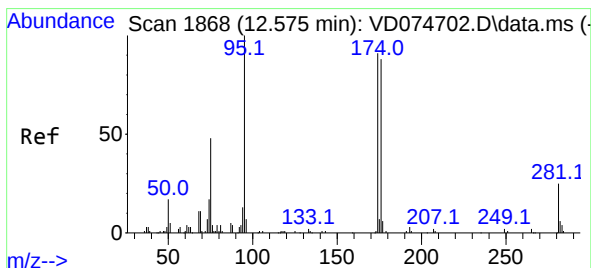
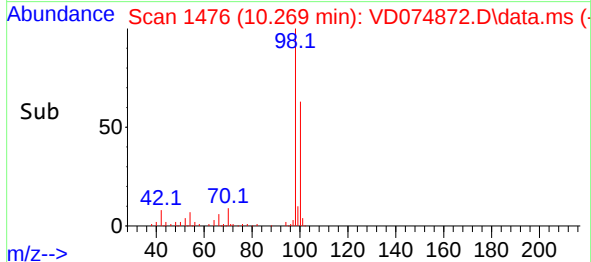
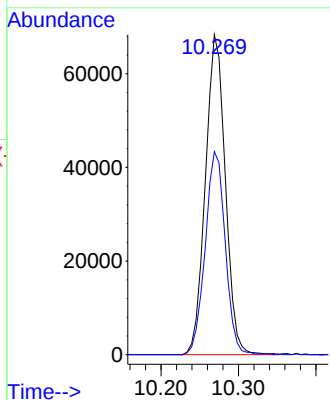
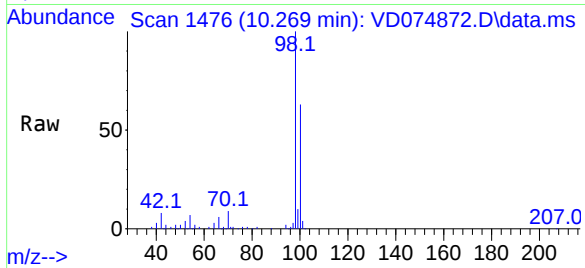




#50
Toluene-d8
Concen: 41.691 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

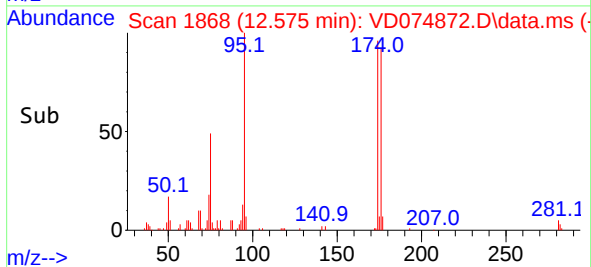
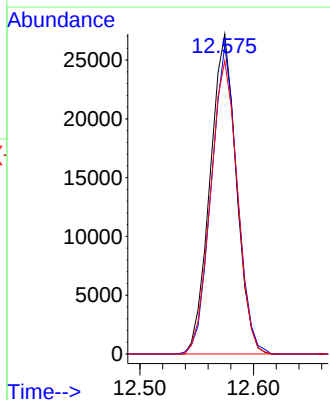
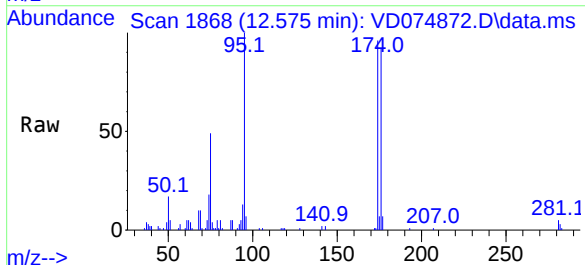
Instrument :
MSVOA_D
ClientSampleId :
124037RE

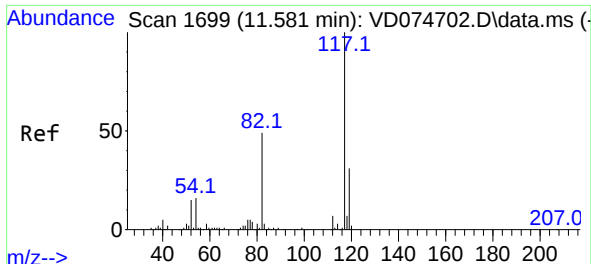
Tgt Ion: 98 Resp: 122210
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.704 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

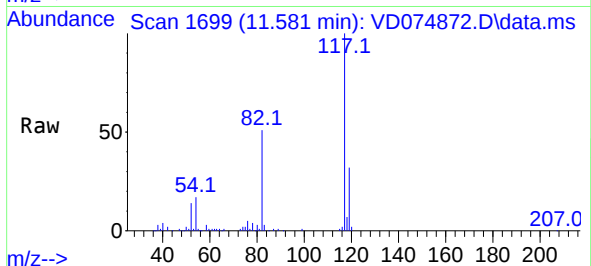
Tgt Ion: 95 Resp: 43761
Ion Ratio Lower Upper
95 100
174 94.6 0.0 197.0
176 93.2 0.0 182.6



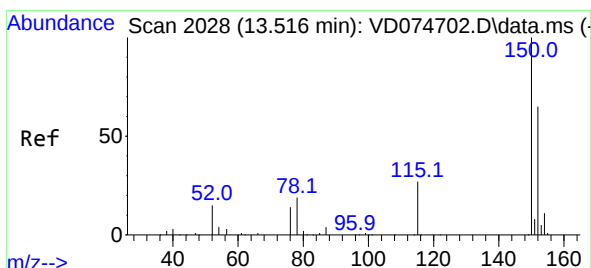
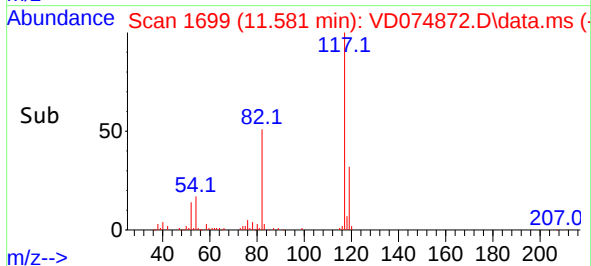
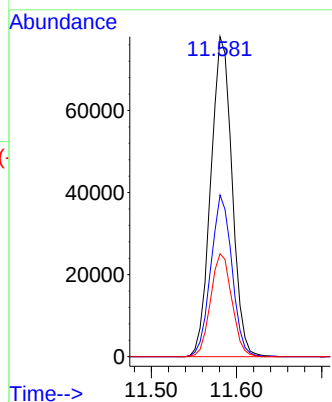


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

Instrument :
MSVOA_D
ClientSampleId :
124037RE

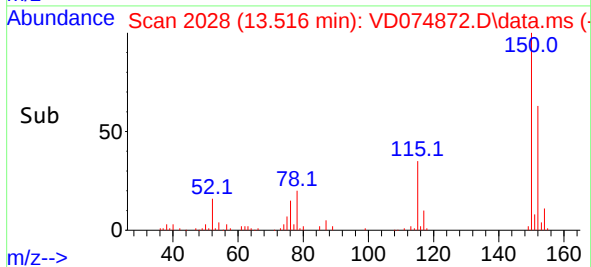
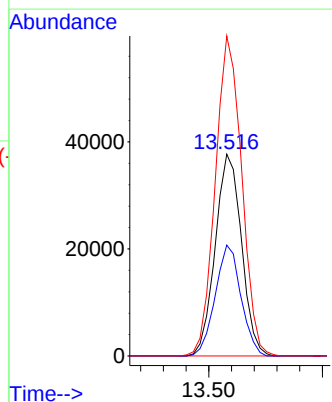
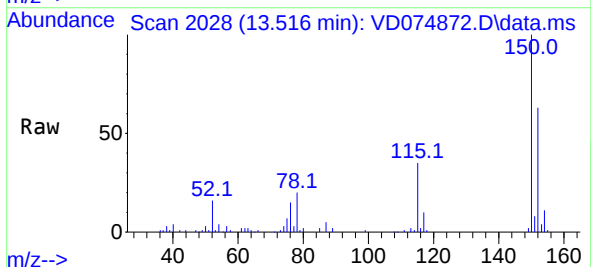


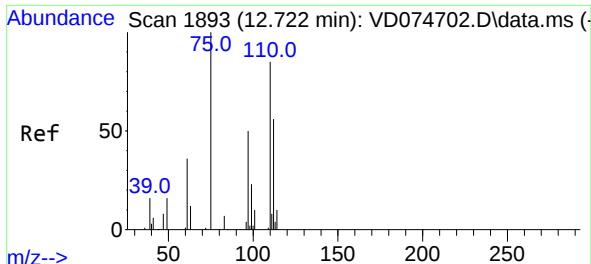
Tgt Ion:117 Resp: 135041
Ion Ratio Lower Upper
117 100
82 50.5 41.6 62.4
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

Tgt Ion:152 Resp: 60595
Ion Ratio Lower Upper
152 100
115 53.9 26.8 80.4
150 159.4 0.0 348.2

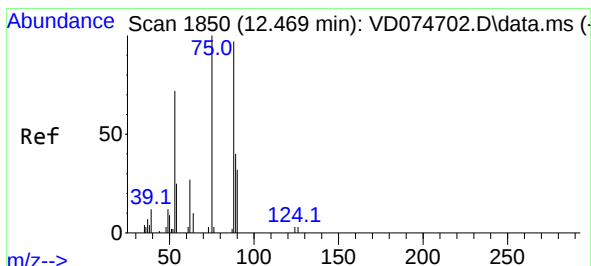
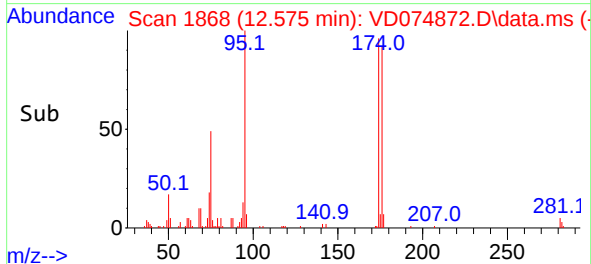
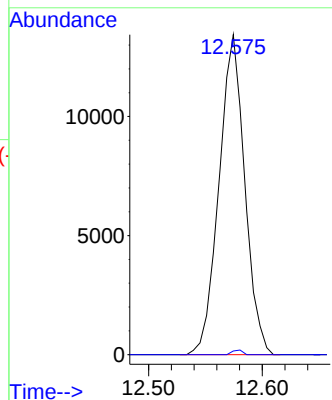
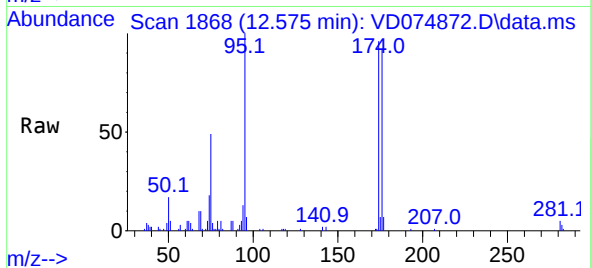




#76
1,2,3-Trichloropropane
Concen: 45.042 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

Instrument :
MSVOA_D
ClientSampleId :
124037RE

Tgt Ion: 75 Resp: 21158
Ion Ratio Lower Upper
75 100
77 0.6 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.920 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

Tgt Ion: 75 Resp: 21158
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

