

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074868.D
 Acq On : 10 Nov 2022 15:25
 Operator : VA/SY
 Sample : N5436-11RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 250FERRYBLVD-TFS-11RE

Quant Time: Nov 10 16:59:27 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)

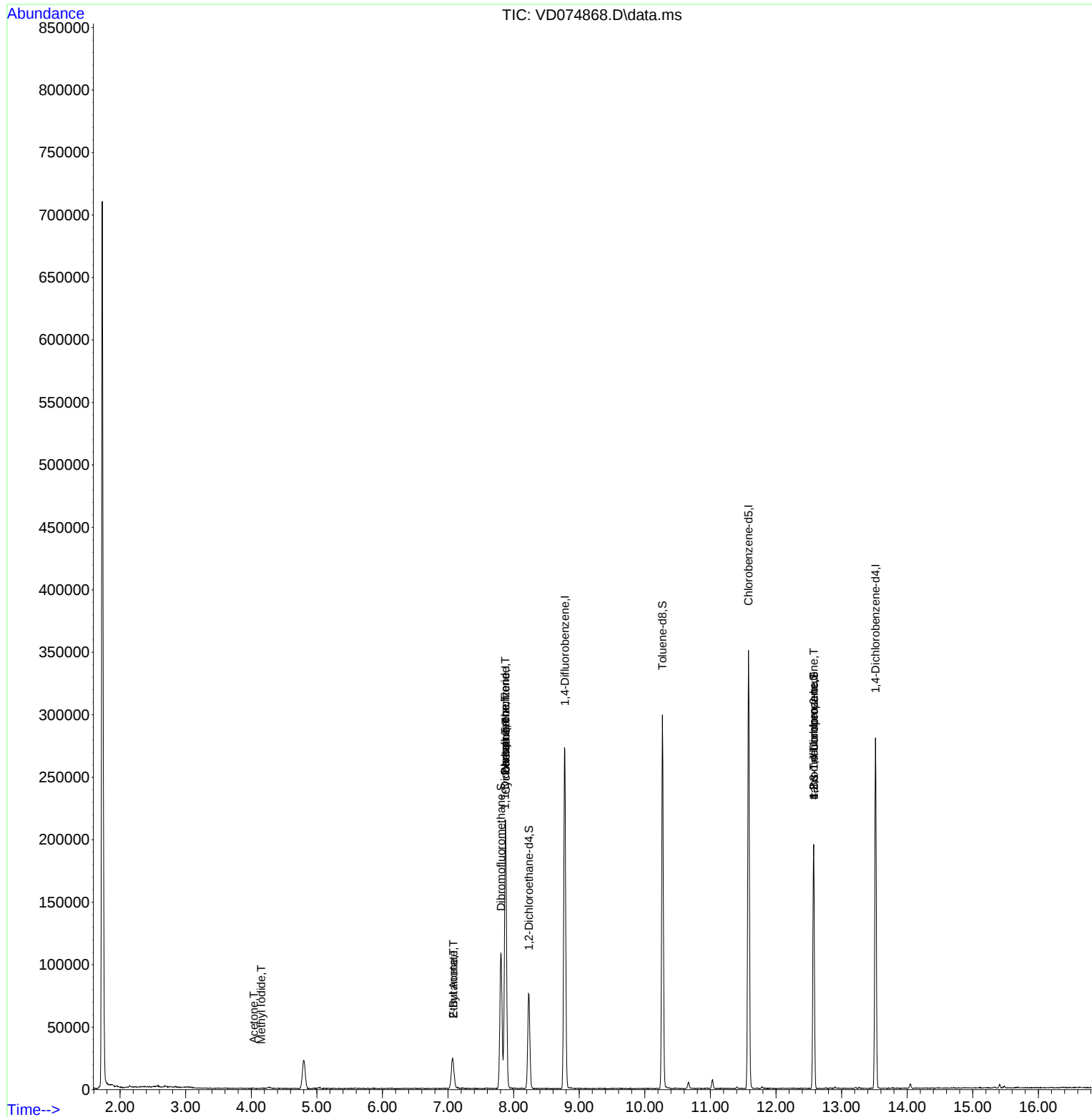
Internal Standards						
1) Pentafluorobenzene	7.875	168	173017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	264581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	60134	43.883	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.760%		
35) Dibromofluoromethane	7.810	113	80244	51.271	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.540%		
50) Toluene-d8	10.269	98	210718	36.910	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	73.820%		
62) 4-Bromofluorobenzene	12.575	95	61001	37.007	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	74.020%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.152	142	81	5.587	ug/l #	43
11) Tert butyl alcohol	5.046	59	328	Below Cal	#	84
16) Acetone	4.040	43	487	1.703	ug/l #	37
20) Methylene Chloride	4.799	84	19863	Below Cal	#	88
25) 2-Butanone	7.081	43	1019	2.592	ug/l #	79
31) Cyclohexane	7.881	56	3484	1.256	ug/l #	37
36) 1,1-Dichloropropene	7.869	75	12405	5.222	ug/l #	47
37) Ethyl Acetate	7.081	43	1019	1.286	ug/l #	1
38) Carbon Tetrachloride	7.875	117	16067	7.139	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	28689	46.541	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	28689	110.476	ug/l #	17

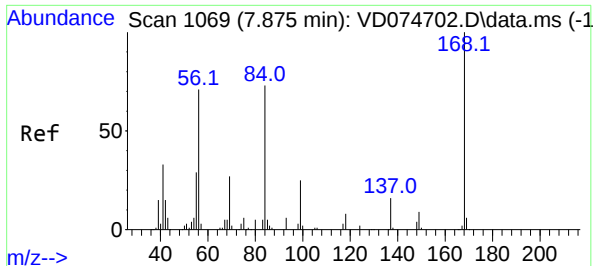
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
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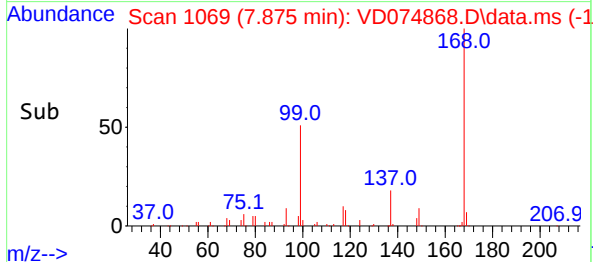
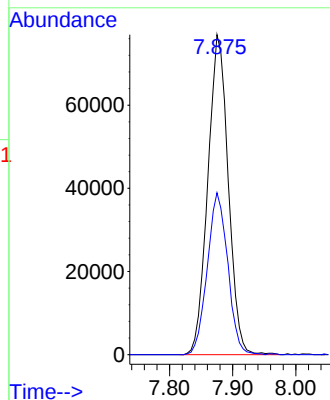
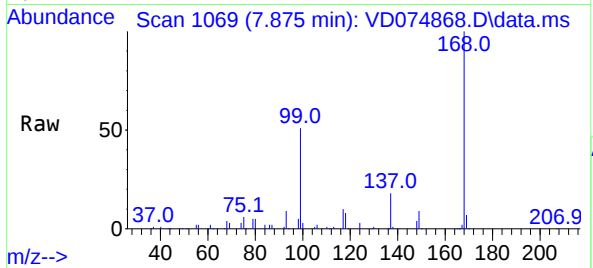




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

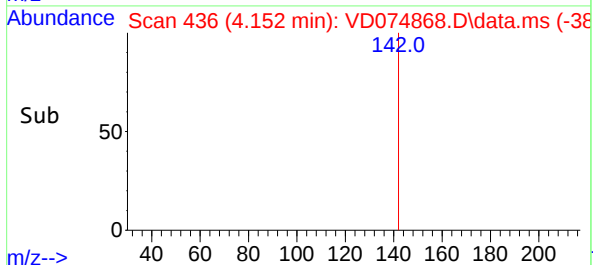
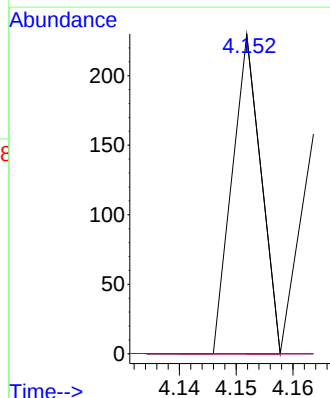
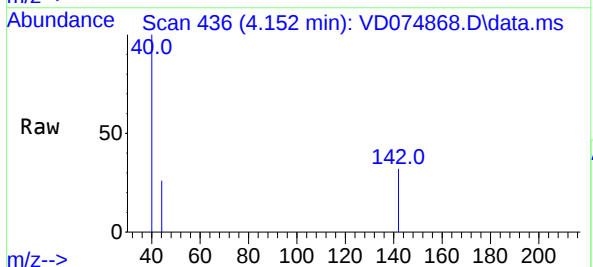
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-11RE

Tgt Ion:168 Resp: 173017
Ion Ratio Lower Upper
168 100
99 50.6 40.9 61.3



#10
Methyl Iodide
Concen: 5.587 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

Tgt Ion:142 Resp: 81
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

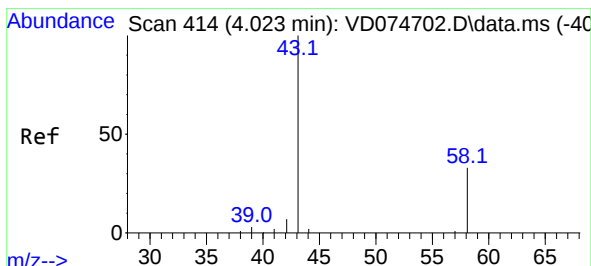
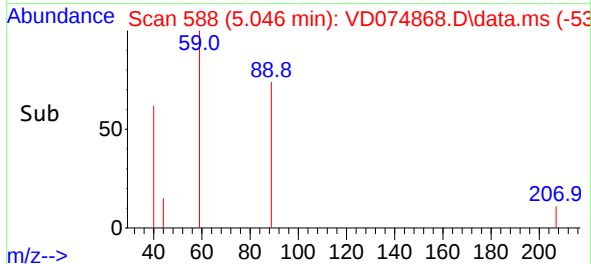
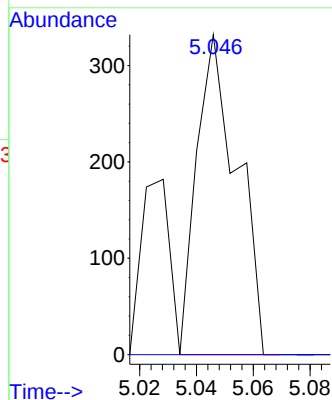
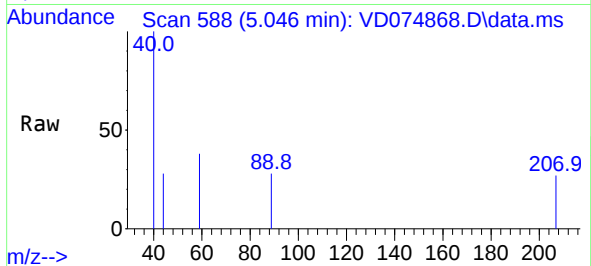




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

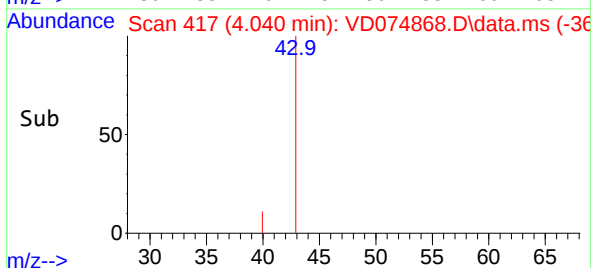
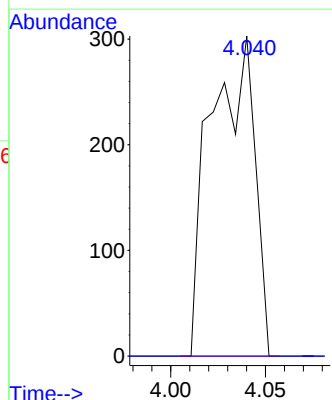
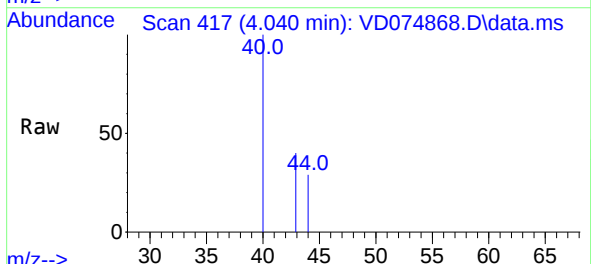
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-11RE

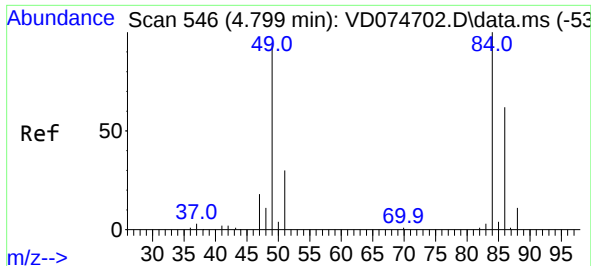
Tgt Ion: 59 Resp: 328
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 1.703 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.017 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

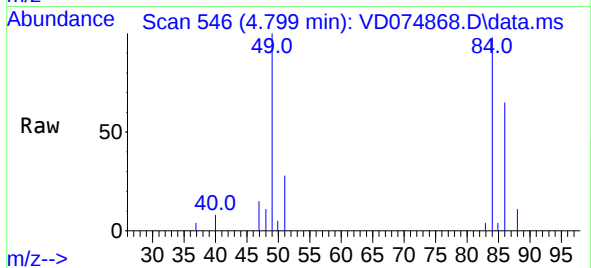
Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



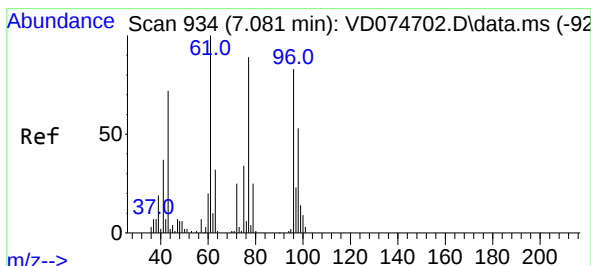
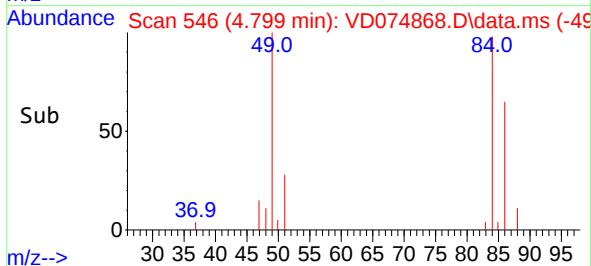
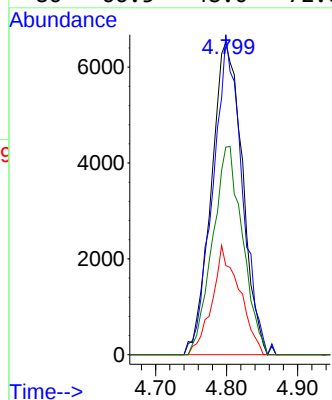


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-11RE

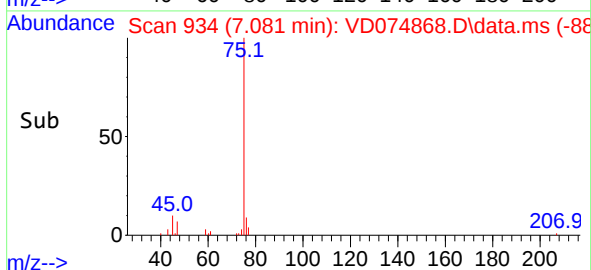
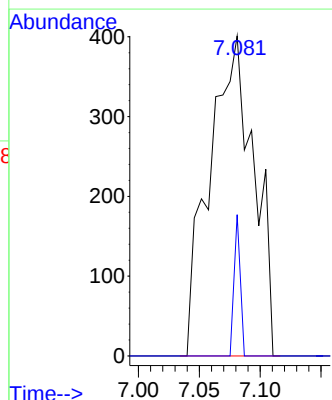
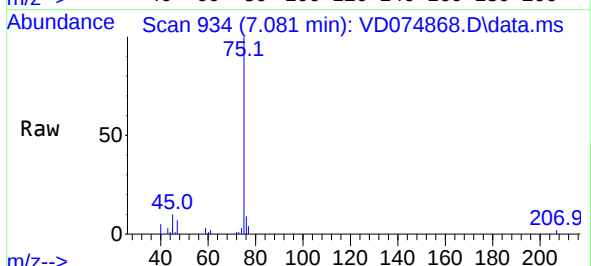


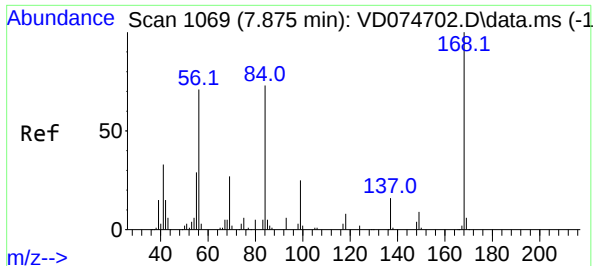
Tgt Ion: 84 Resp: 19863
Ion Ratio Lower Upper
84 100
49 102.5 68.0 102.0#
51 28.5 23.2 34.8
86 66.5 48.0 72.0



#25
2-Butanone
Concen: 2.592 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
72 44.1 25.8 38.8#

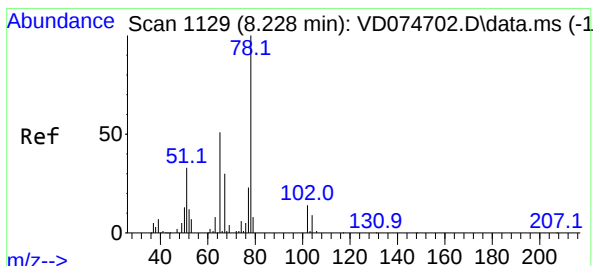
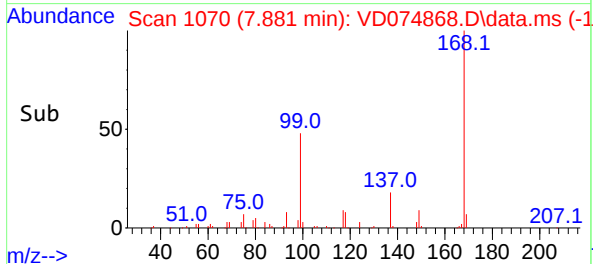
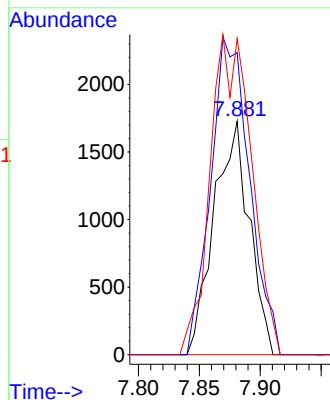
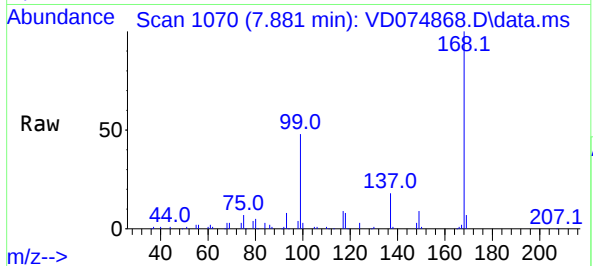




#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

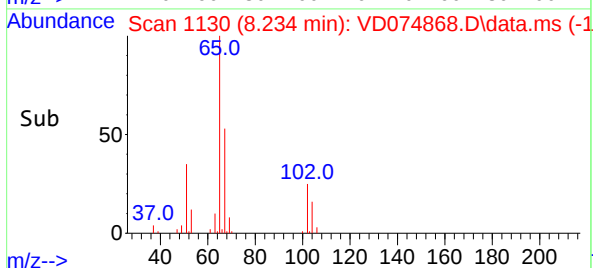
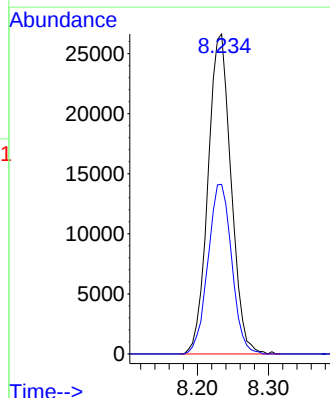
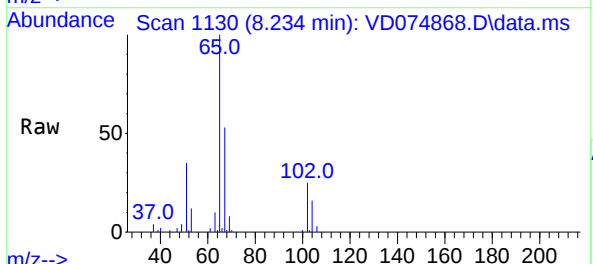
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-11RE

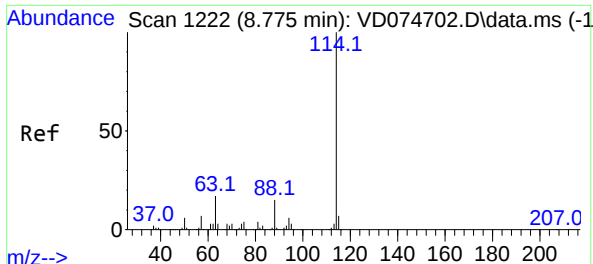
Tgt Ion: 56 Resp: 3484
Ion Ratio Lower Upper
56 100
69 129.4 29.2 43.8#
84 135.4 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 43.883 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

Tgt Ion: 65 Resp: 60134
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074868.D

Acq: 10 Nov 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

250FERRYBLVD-TFS-11RE

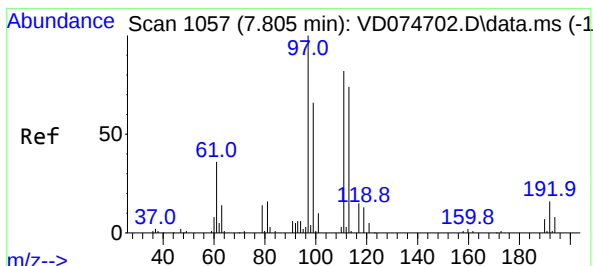
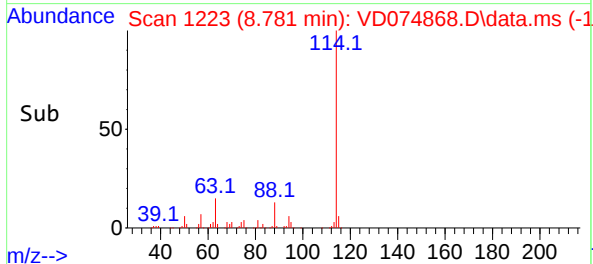
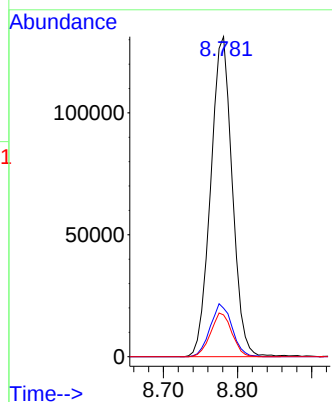
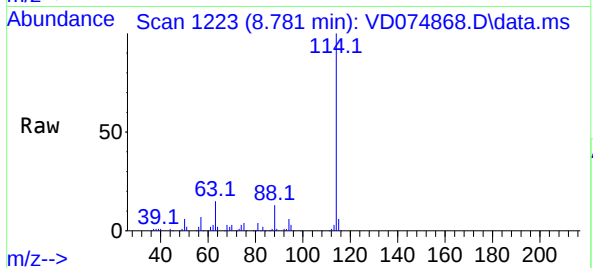
Tgt Ion:114 Resp: 264581

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.2

88 13.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.271 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074868.D

Acq: 10 Nov 2022 15:25

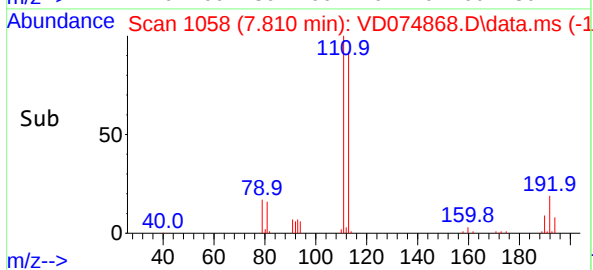
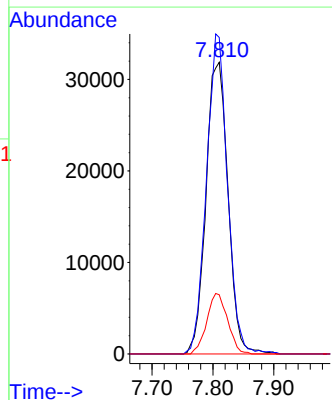
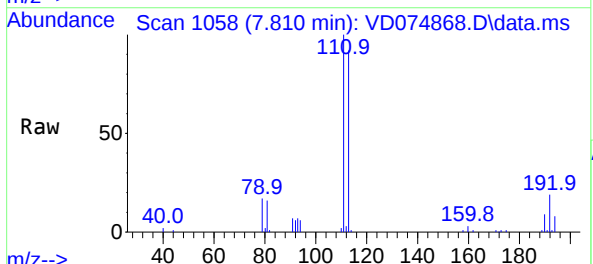
Tgt Ion:113 Resp: 80244

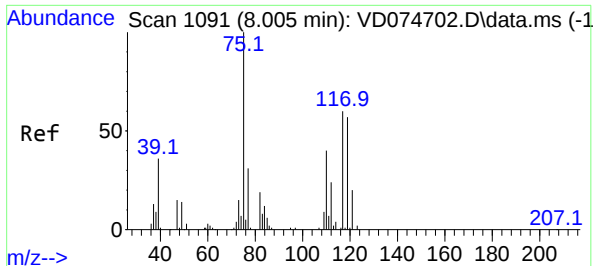
Ion Ratio Lower Upper

113 100

111 104.5 82.3 123.5

192 19.6 16.4 24.6

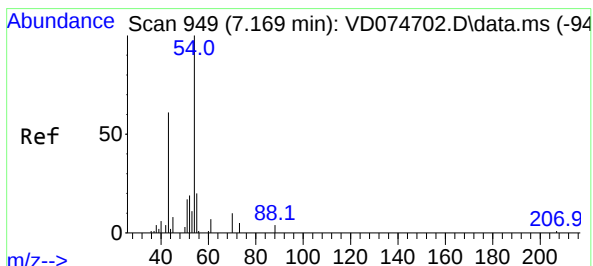
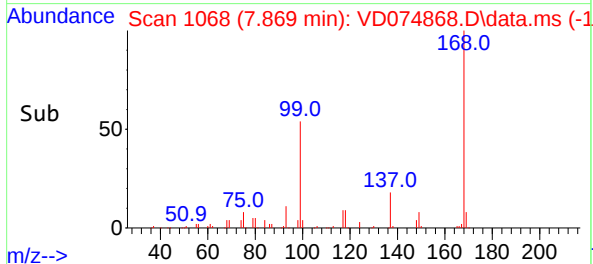
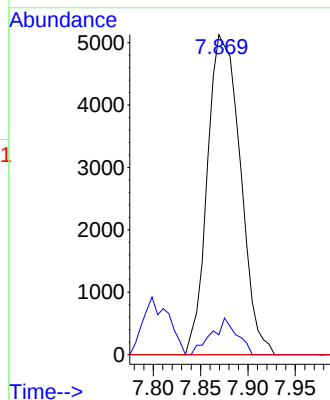
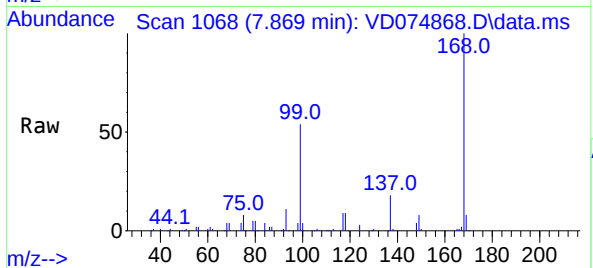




#36
1,1-Dichloropropene
Concen: 5.222 ug/l
RT: 7.869 min Scan# 110
Delta R.T. -0.136 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

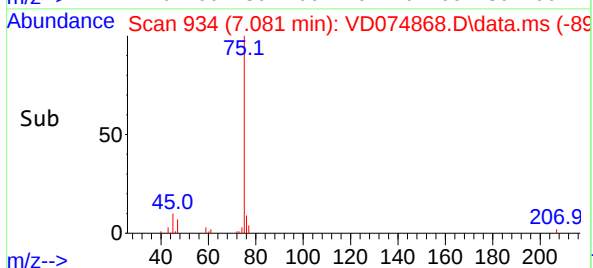
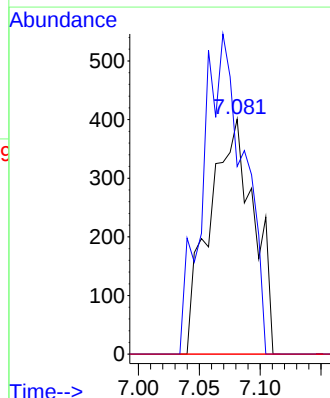
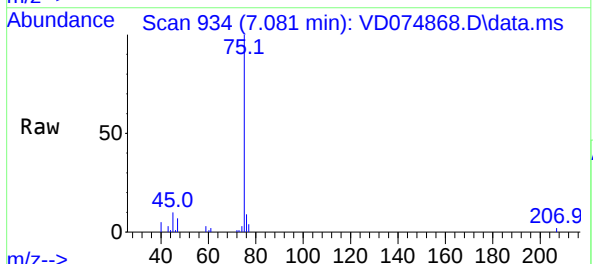
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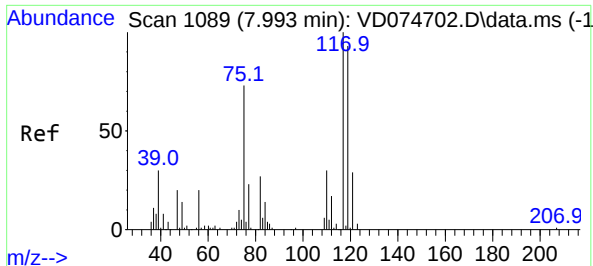
Tgt Ion: 75	Resp: 12405
Ion Ratio	Lower Upper
75 100	
110 8.8	19.7 59.0#
77 0.0	25.4 38.2#



#37
Ethyl Acetate
Concen: 1.286 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.088 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

Tgt Ion: 43	Resp: 1019
Ion Ratio	Lower Upper
43 100	
61 127.4	12.2 18.4#
70 0.0	9.6 14.4#





#38

Carbon Tetrachloride

Concen: 7.139 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.118 min

Lab File: VD074868.D

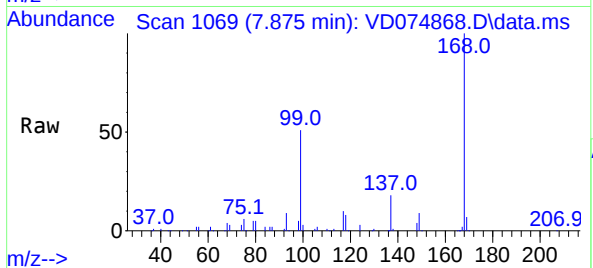
Acq: 10 Nov 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

250FERRYBLVD-TFS-11RE



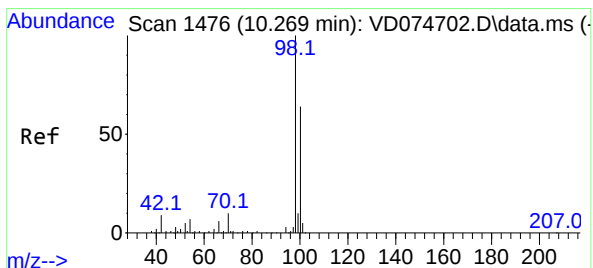
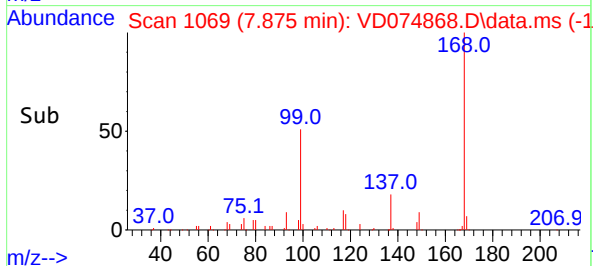
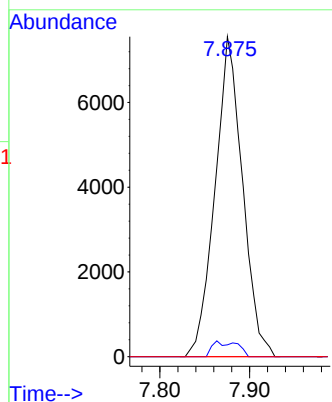
Tgt Ion:117 Resp: 16067

Ion Ratio Lower Upper

117 100

119 3.7 73.1 109.7#

121 0.0 25.0 37.6#



#50

Toluene-d8

Concen: 36.910 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074868.D

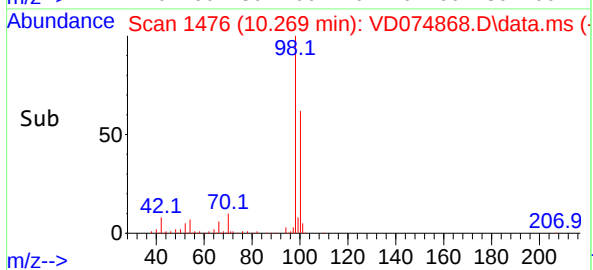
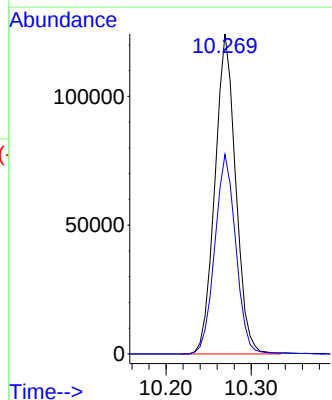
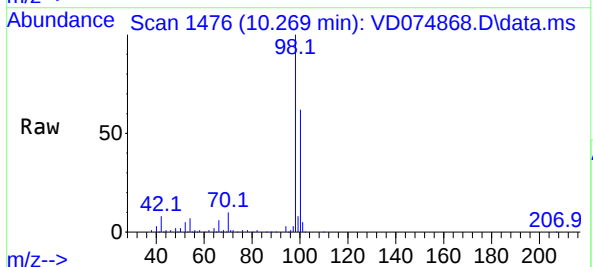
Acq: 10 Nov 2022 15:25

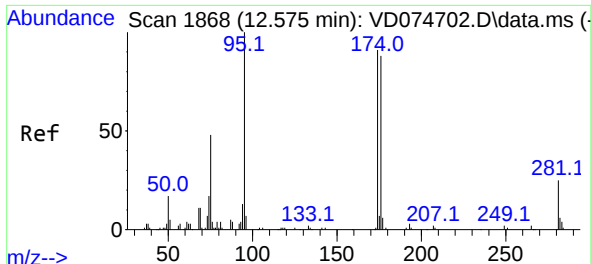
Tgt Ion: 98 Resp: 210718

Ion Ratio Lower Upper

98 100

100 63.1 51.4 77.0

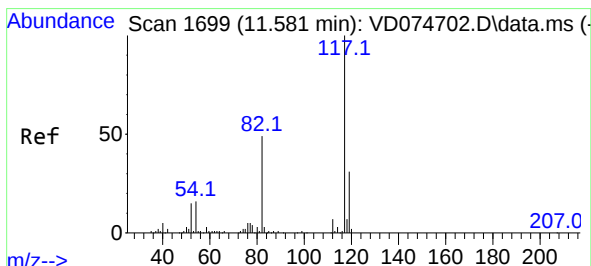
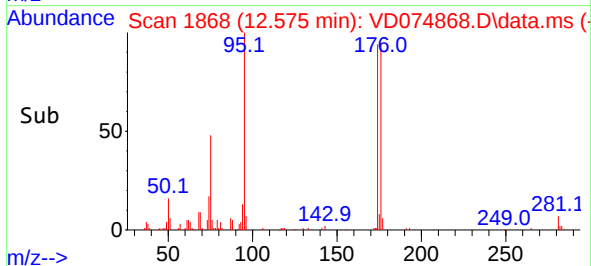
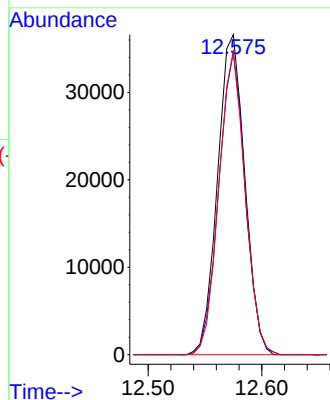
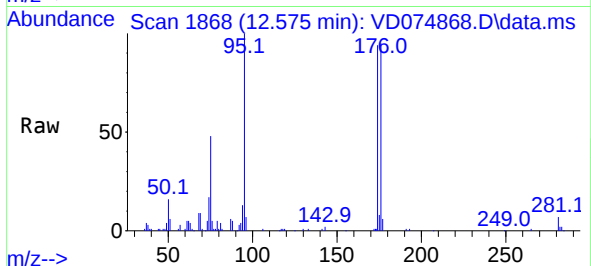




#62
4-Bromofluorobenzene
Concen: 37.007 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

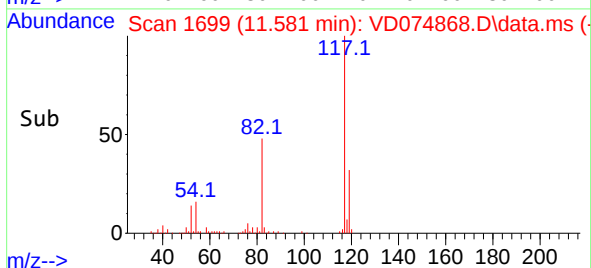
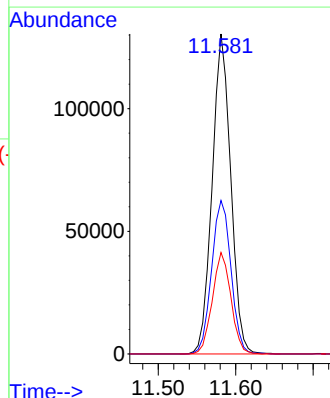
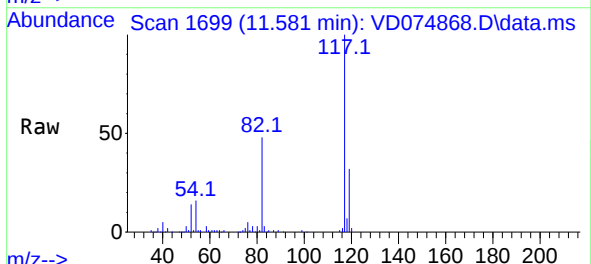
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-11RE

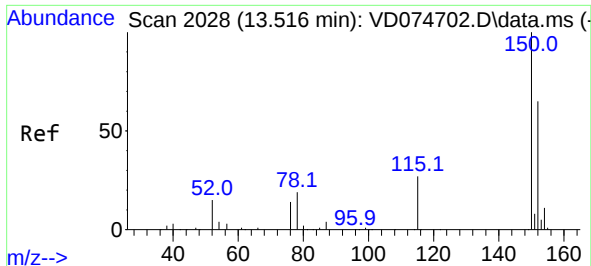
Tgt Ion:	95	Resp:	61001
Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	197.0
176	90.6	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

Tgt Ion:	117	Resp:	217283
Ion	Ratio	Lower	Upper
117	100		
82	47.9	41.6	62.4
119	31.7	25.2	37.8

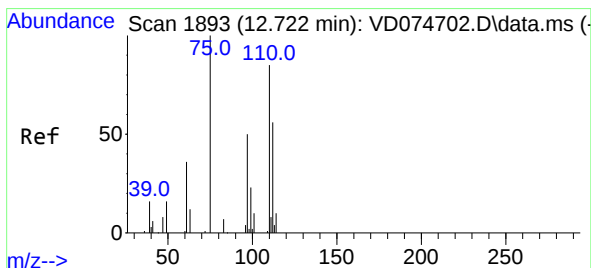
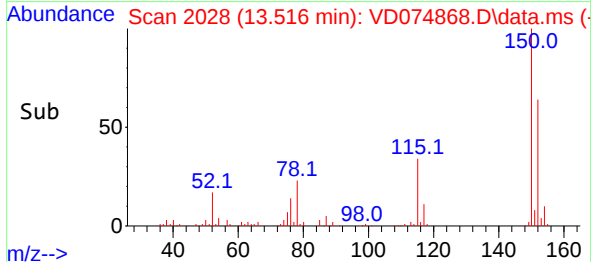
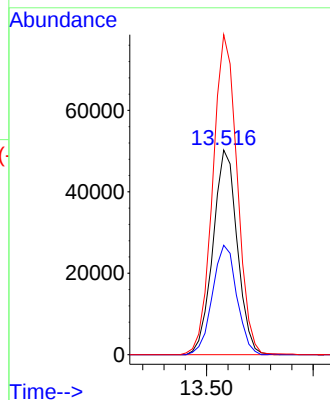
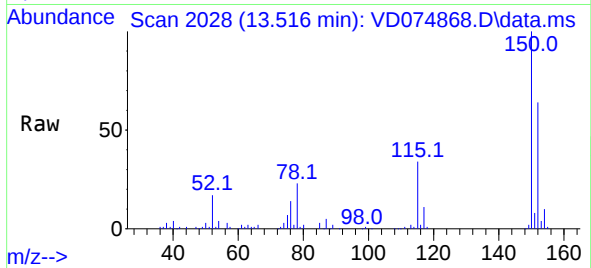




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

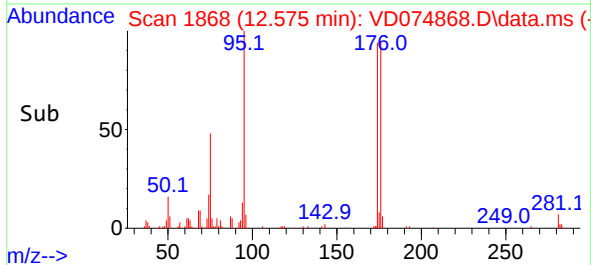
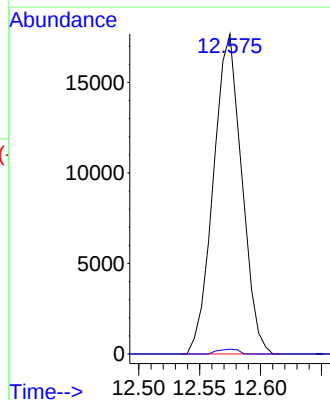
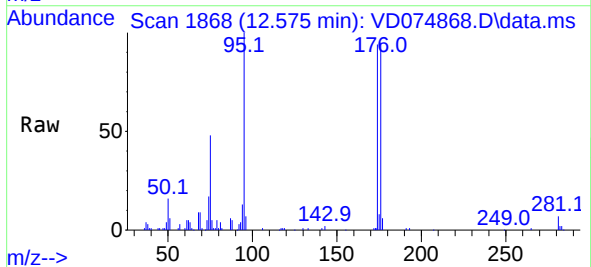
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-11RE

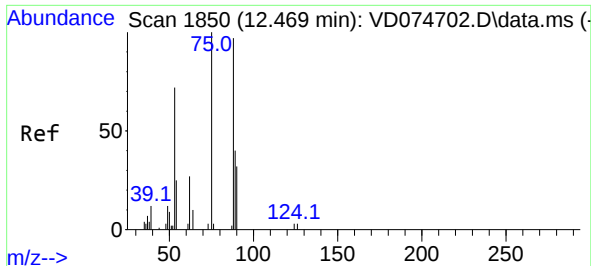
Tgt Ion:152 Resp: 79518
Ion Ratio Lower Upper
152 100
115 53.7 26.8 80.4
150 157.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 46.541 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

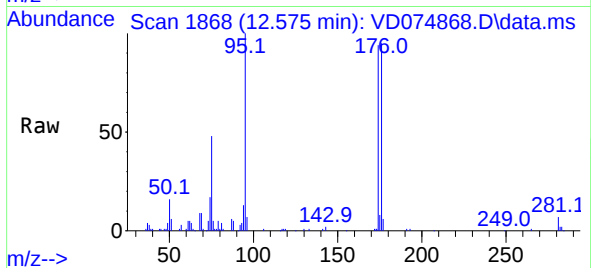
Tgt Ion: 75 Resp: 28689
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 110.476 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-11RE



Tgt Ion: 75 Resp: 28689
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

