

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074870.D
 Acq On : 10 Nov 2022 16:20
 Operator : VA/SY
 Sample : N5436-13RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 250FERRYBLVD-TFS-13RE

Quant Time: Nov 10 16:59:45 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)

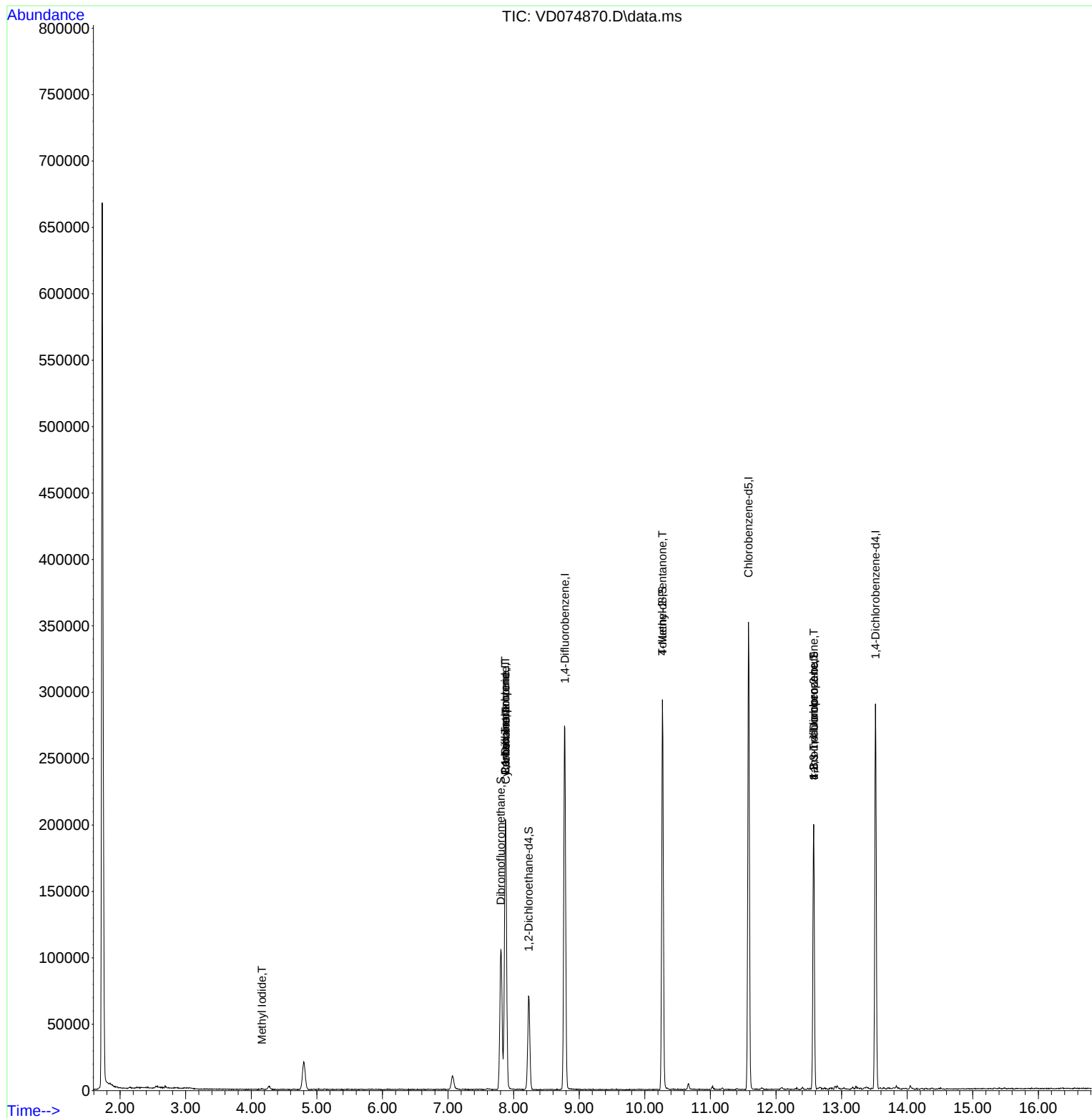
Internal Standards						
1) Pentafluorobenzene	7.875	168	171284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	261403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54438	40.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.260%
35) Dibromofluoromethane	7.805	113	80472	52.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.080%
50) Toluene-d8	10.269	98	208321	36.933	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.860%
62) 4-Bromofluorobenzene	12.575	95	61295	37.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.280%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	297	5.669	ug/l #	66
11) Tert butyl alcohol	5.022	59	56	Below Cal	#	84
20) Methylene Chloride	4.799	84	17803	Below Cal		90
31) Cyclohexane	7.881	56	3186	1.160	ug/l #	11
36) 1,1-Dichloropropene	7.875	75	12078	5.146	ug/l #	45
38) Carbon Tetrachloride	7.875	117	16464	7.404	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	740	1.047	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	30350	47.325	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	30350	112.339	ug/l #	17

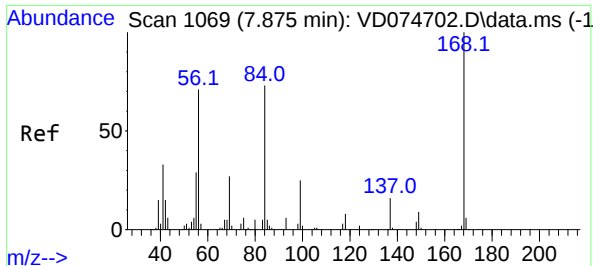
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

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250FERRYBLVD-TFS-13RE

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Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration

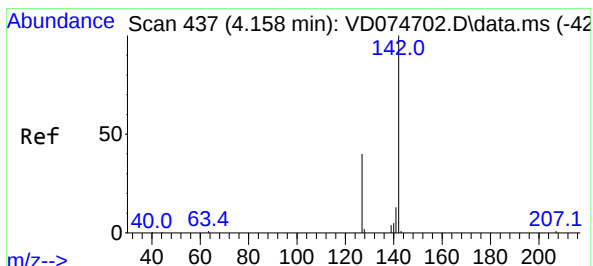
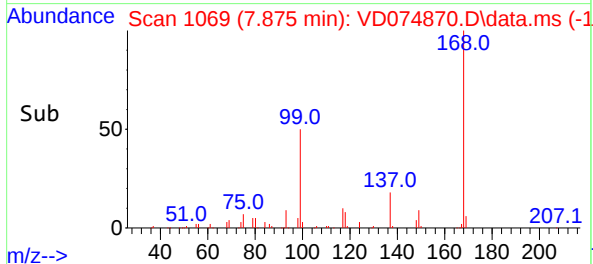
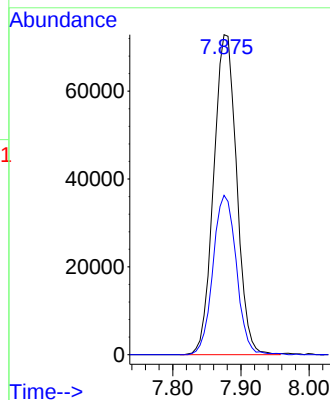
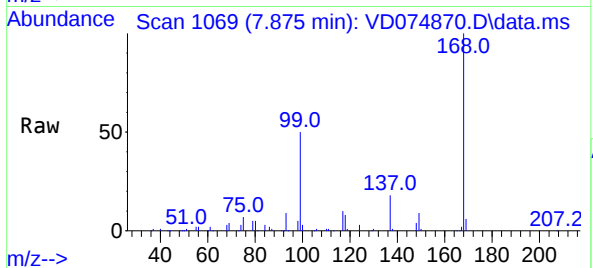




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

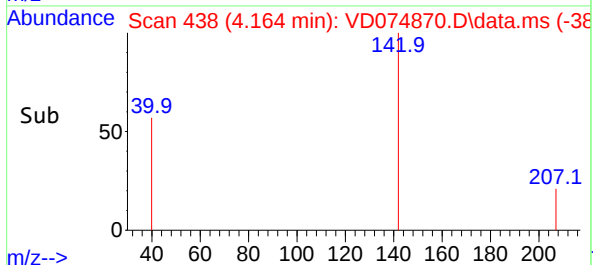
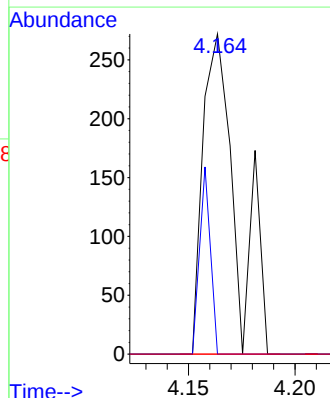
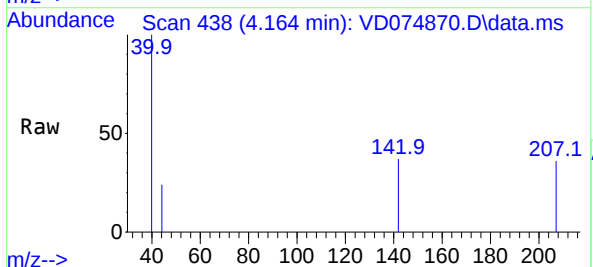
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-13RE

Tgt Ion:168 Resp: 171284
Ion Ratio Lower Upper
168 100
99 49.8 40.9 61.3



#10
Methyl Iodide
Concen: 5.669 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

Tgt Ion:142 Resp: 297
Ion Ratio Lower Upper
142 100
127 18.9 31.9 47.9#
141 0.0 11.4 17.2#

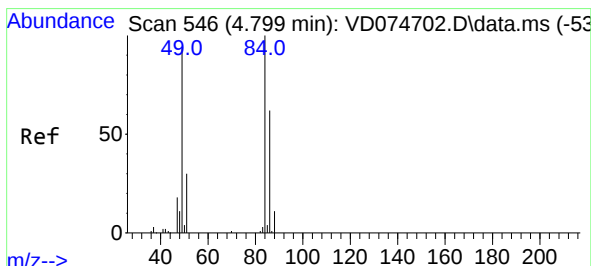
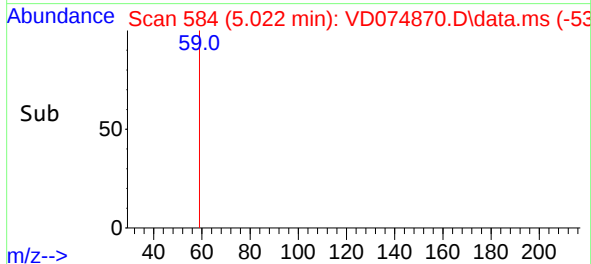
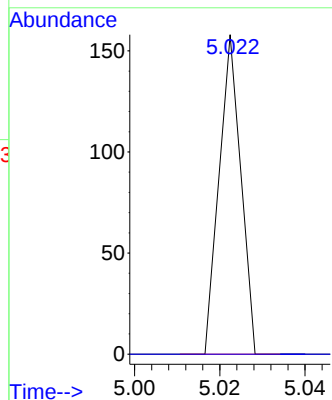
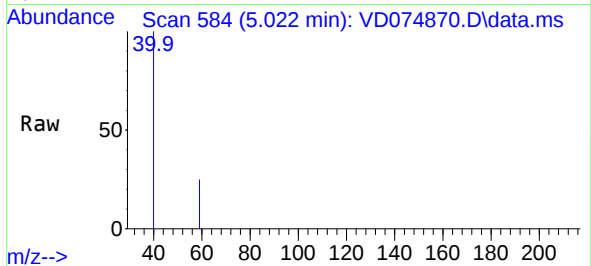




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.022 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

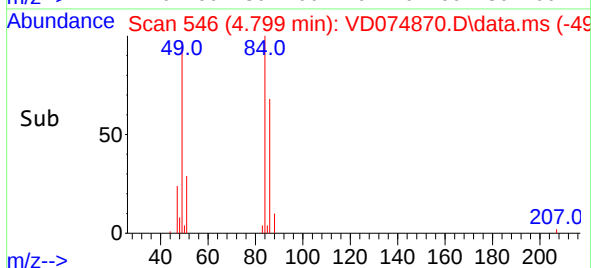
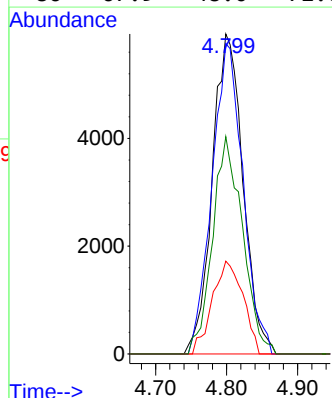
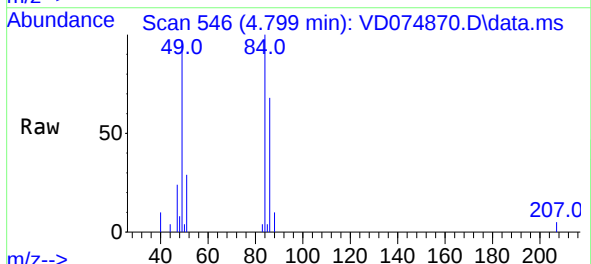
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-13RE

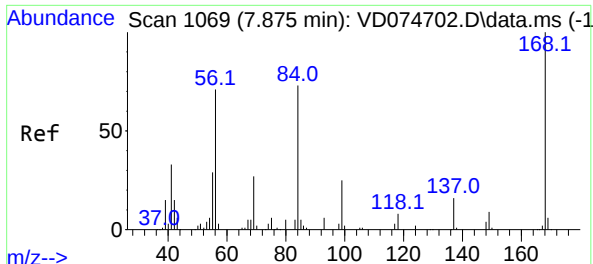
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

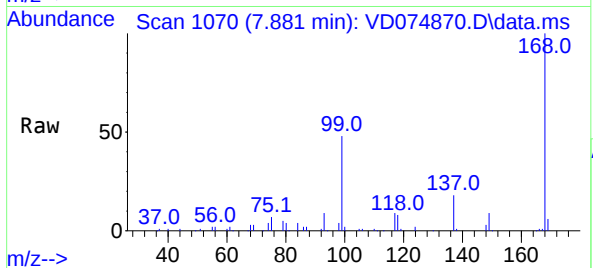
Tgt Ion: 84 Resp: 17803
Ion Ratio Lower Upper
84 100
49 97.0 68.0 102.0
51 29.0 23.2 34.8
86 67.9 48.0 72.0



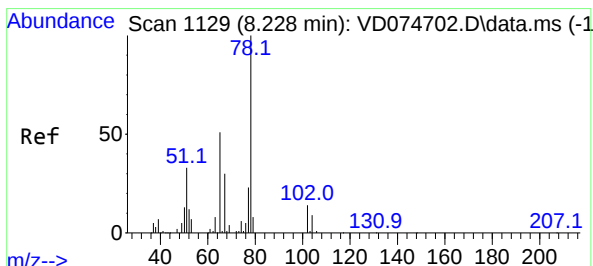
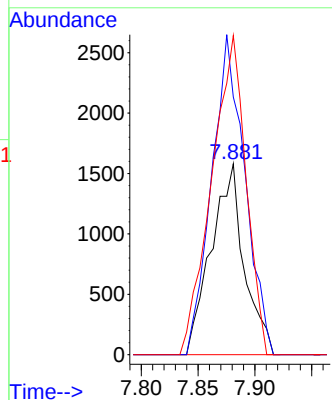
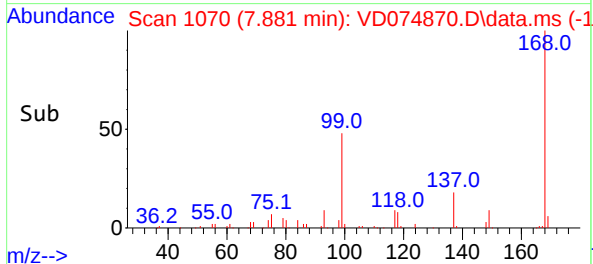


#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

Instrument : MSVOA_D
ClientSampleId : 250FERRYBLVD-TFS-13RE

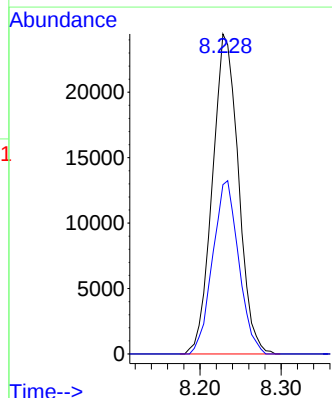
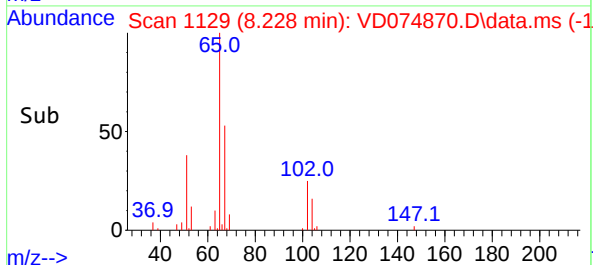
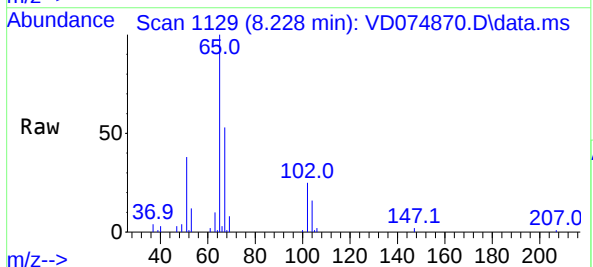


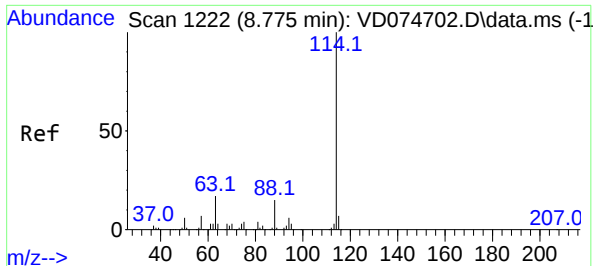
Tgt Ion: 56 Resp: 3186
Ion Ratio Lower Upper
56 100
69 134.9 29.2 43.8#
84 167.2 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 40.128 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

Tgt Ion: 65 Resp: 54438
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2

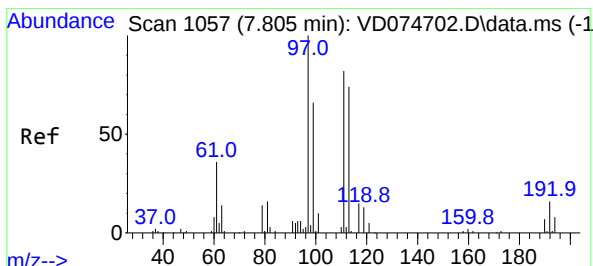
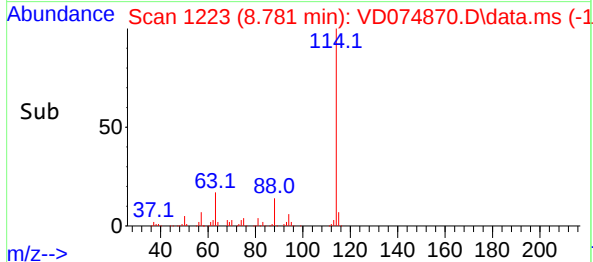
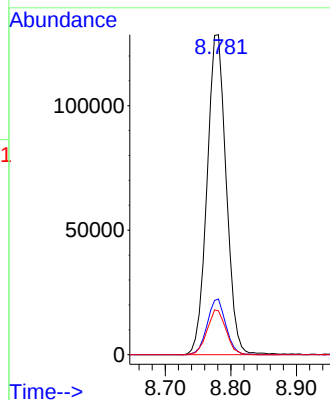
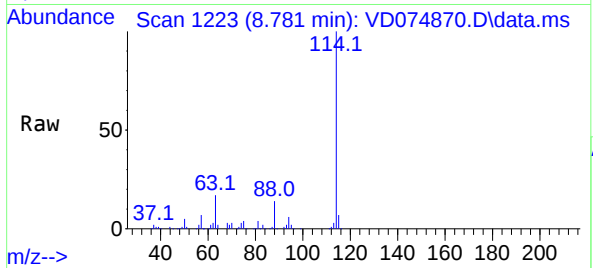




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

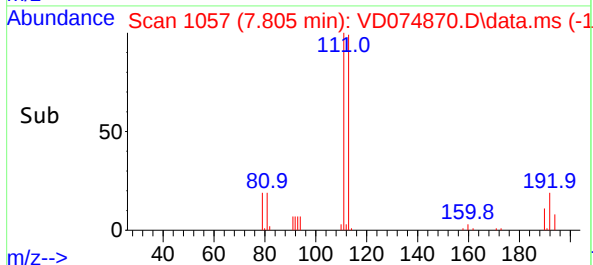
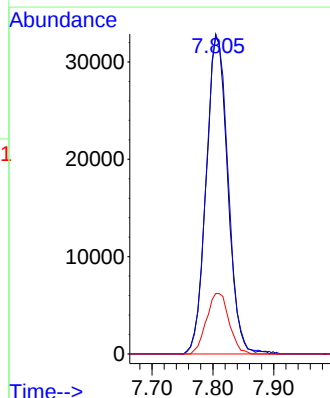
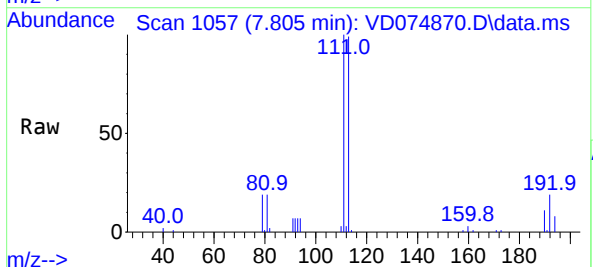
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-13RE

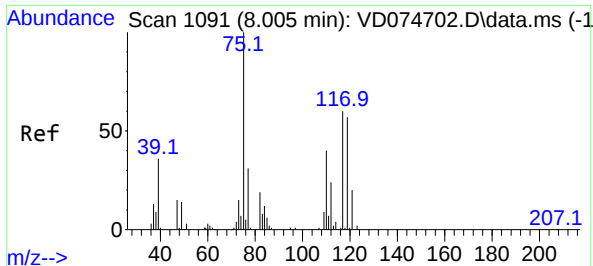
Tgt Ion:114 Resp: 261403
Ion Ratio Lower Upper
114 100
63 17.4 0.0 33.2
88 13.7 0.0 28.2



#35
Dibromofluoromethane
Concen: 52.042 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

Tgt Ion:113 Resp: 80472
Ion Ratio Lower Upper
113 100
111 101.8 82.3 123.5
192 19.8 16.4 24.6





#36

1,1-Dichloropropene

Concen: 5.146 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074870.D

Acq: 10 Nov 2022 16:20

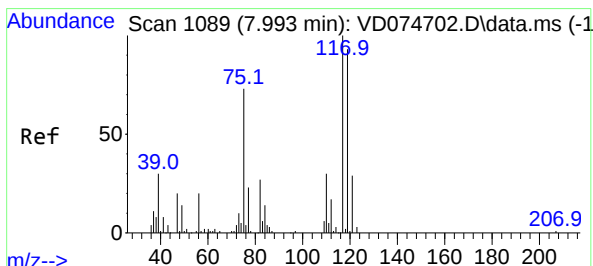
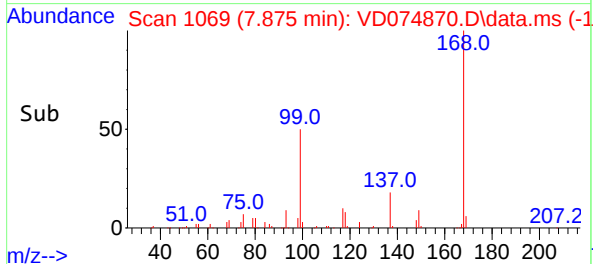
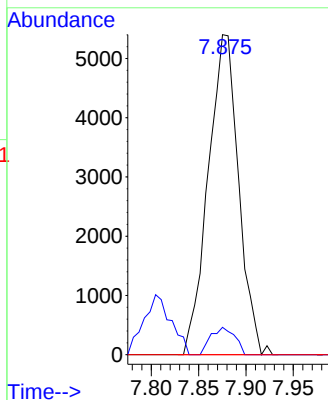
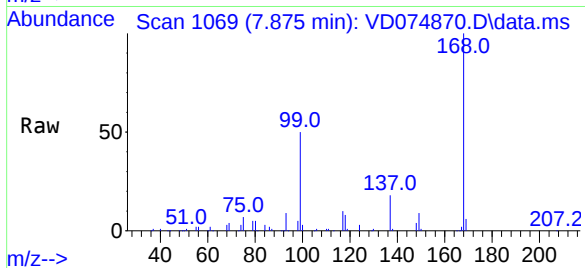
Instrument :

MSVOA_D

ClientSampleId :

250FERRYBLVD-TFS-13RE

Tgt Ion:	75	Resp:	12078
Ion Ratio	Lower	Upper	
75	100		
110	6.8	19.7	59.0#
77	0.0	25.4	38.2#



#38

Carbon Tetrachloride

Concen: 7.404 ug/l

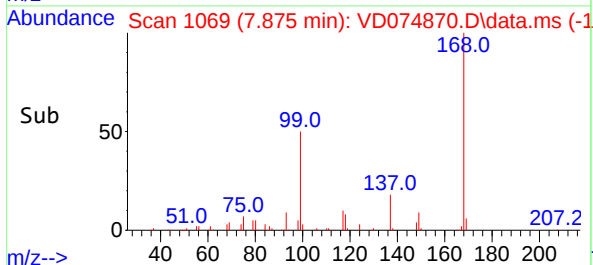
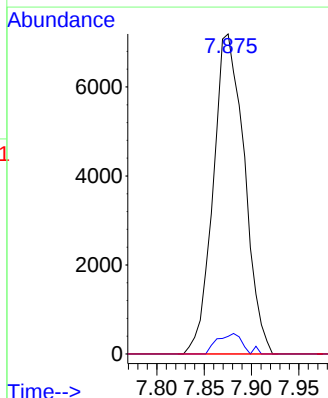
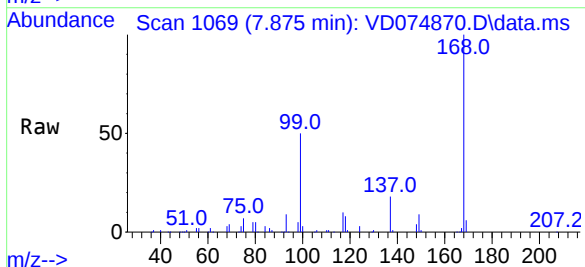
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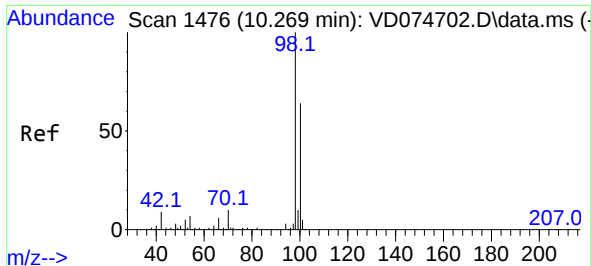
Delta R.T. -0.118 min

Lab File: VD074870.D

Acq: 10 Nov 2022 16:20

Tgt Ion:	117	Resp:	16464
Ion Ratio	Lower	Upper	
117	100		
119	5.5	73.1	109.7#
121	0.0	25.0	37.6#

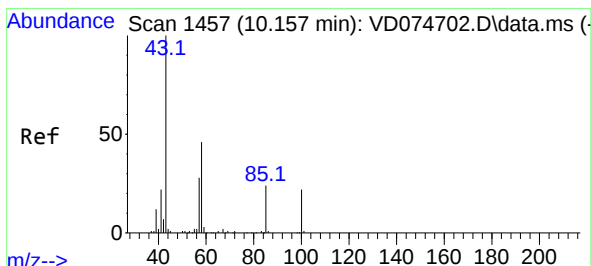
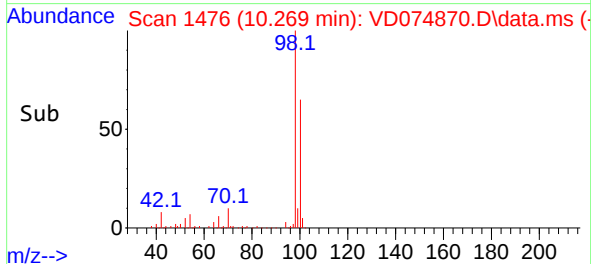
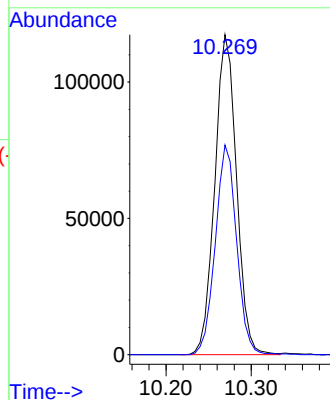
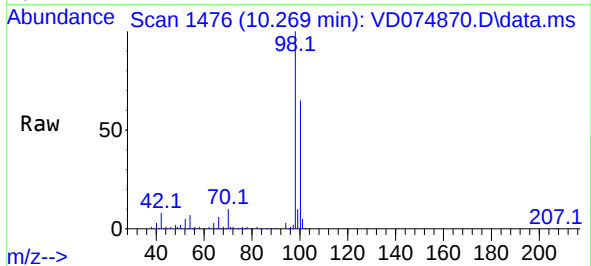




#50
Toluene-d8
Concen: 36.933 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

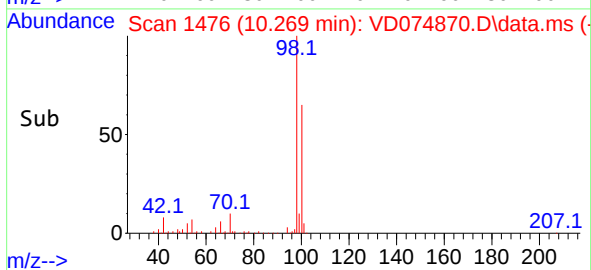
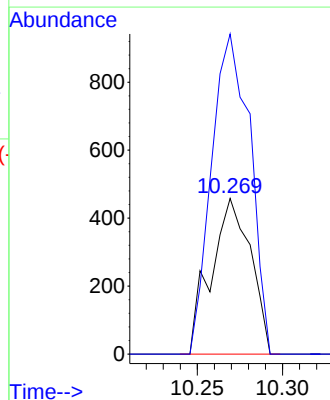
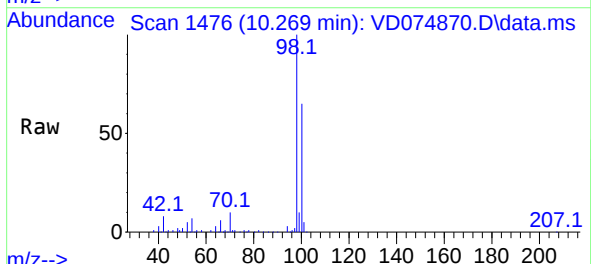
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-13RE

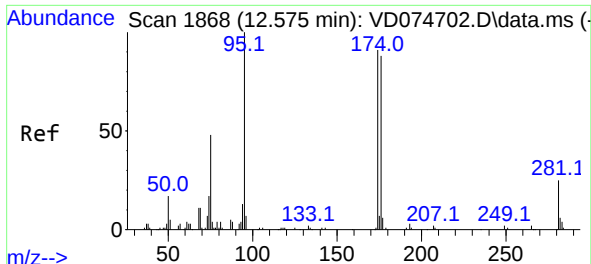
Tgt Ion: 98 Resp: 208321
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.047 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 200.3 37.8 56.6#

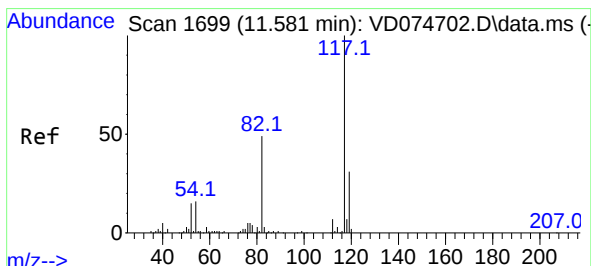
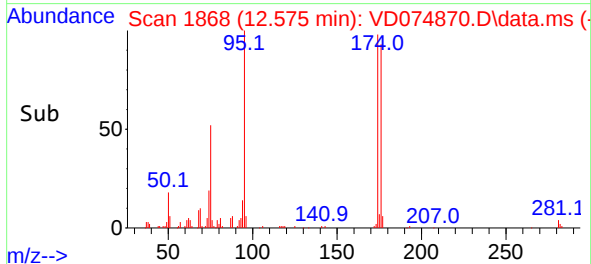
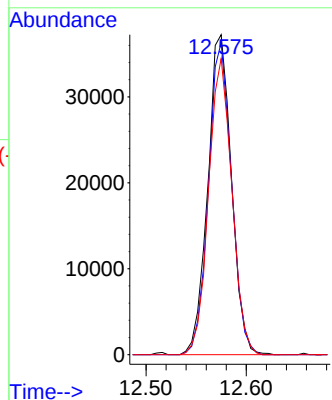
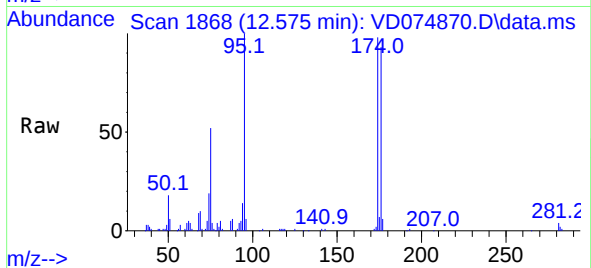




#62
4-Bromofluorobenzene
Concen: 37.637 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

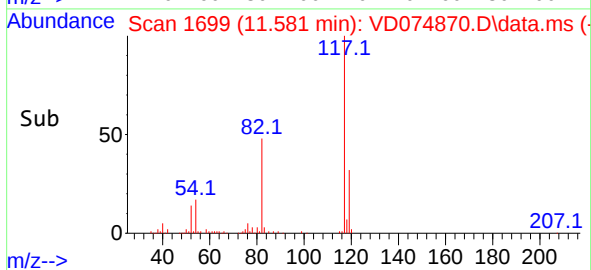
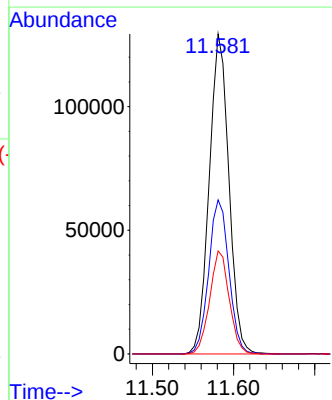
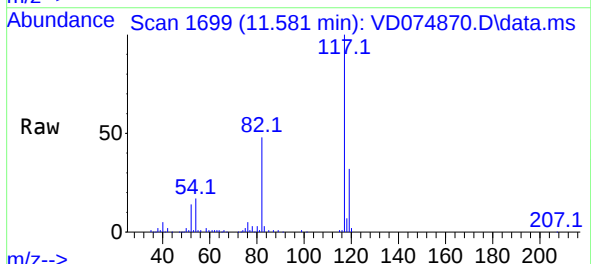
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-13RE

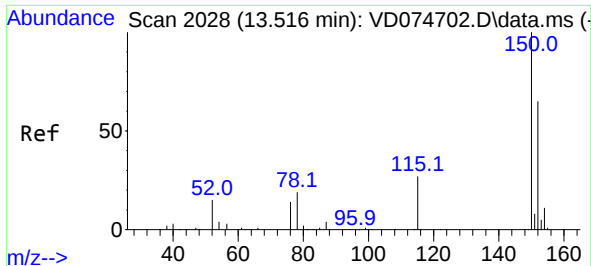
Tgt Ion:	95	Resp:	61295
Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	197.0
176	90.6	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

Tgt Ion:	117	Resp:	217061
Ion	Ratio	Lower	Upper
117	100		
82	48.2	41.6	62.4
119	32.2	25.2	37.8

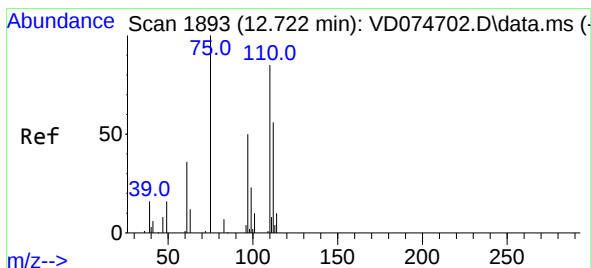
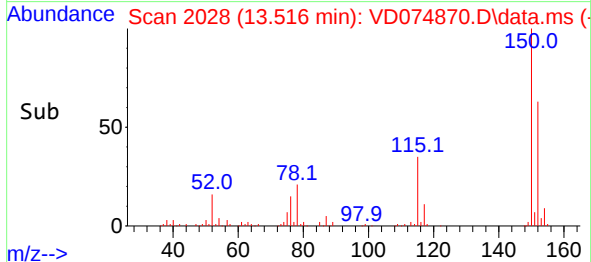
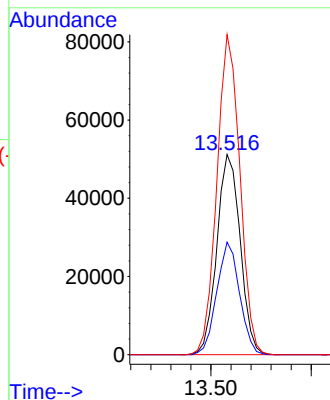
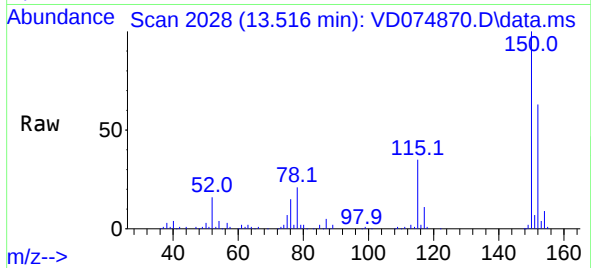




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

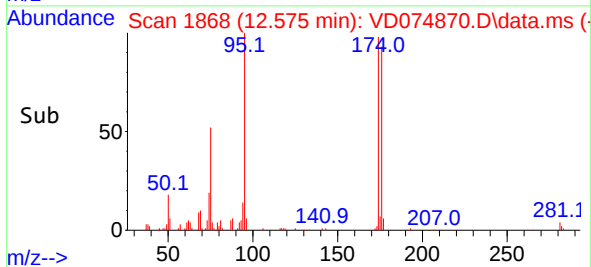
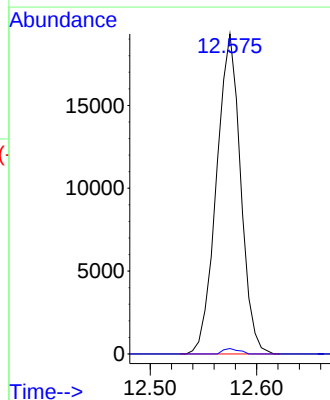
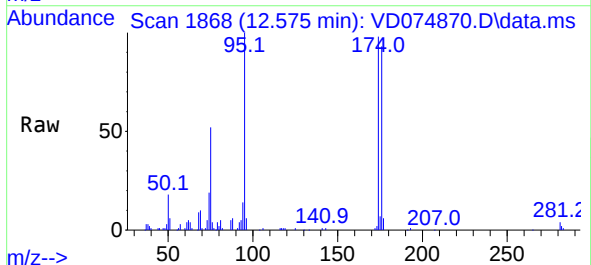
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-13RE

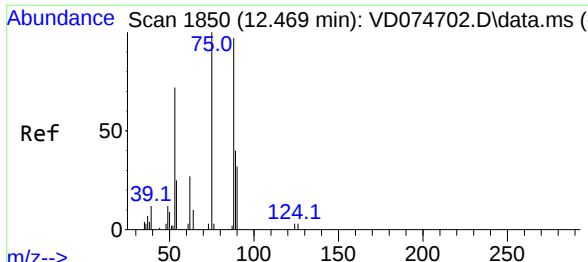
Tgt Ion:152 Resp: 82727
Ion Ratio Lower Upper
152 100
115 54.8 26.8 80.4
150 157.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 47.325 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074870.D
Acq: 10 Nov 2022 16:20

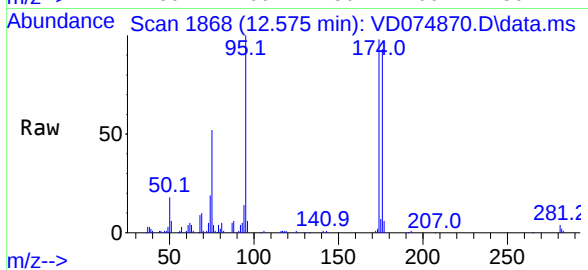
Tgt Ion: 75 Resp: 30350
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.339 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074870.D
 Acq: 10 Nov 2022 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 250FERRYBLVD-TFS-13RE



Tgt Ion:	75	Resp:	30350
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

