

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074833.D
 Acq On : 09 Nov 2022 17:33
 Operator : VA/SY
 Sample : N5518-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-03-110822

Quant Time: Nov 10 00:37:05 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)

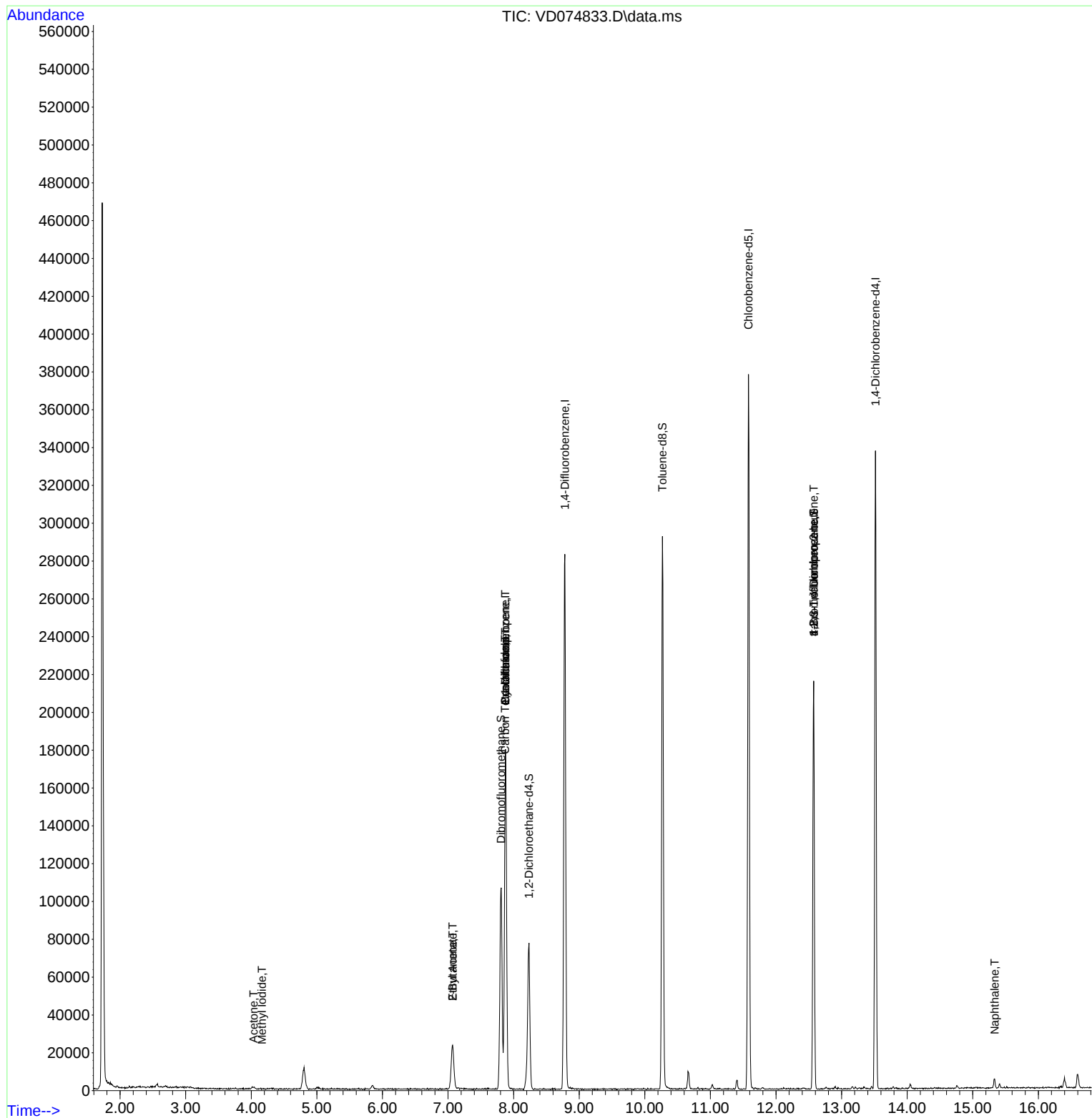
Internal Standards						
1) Pentafluorobenzene	7.875	168	143647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	273398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58053	51.026	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.060%			
35) Dibromofluoromethane	7.810	113	79258	49.008	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.020%			
50) Toluene-d8	10.269	98	215913	36.600	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 73.200%			
62) 4-Bromofluorobenzene	12.575	95	65141	38.244	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 76.480%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	58	5.583	ug/l #	43
11) Tert butyl alcohol	5.058	59	121	Below Cal	#	84
16) Acetone	4.034	43	2078	8.752	ug/l #	37
20) Methylene Chloride	4.805	84	9752	Below Cal		89
25) 2-Butanone	7.069	43	1174	3.596	ug/l #	42
31) Cyclohexane	7.875	56	2573	1.117	ug/l #	27
36) 1,1-Dichloropropene	7.875	75	10231	4.168	ug/l #	47
37) Ethyl Acetate	7.069	43	1174	1.434	ug/l #	1
38) Carbon Tetrachloride	7.869	117	13797	5.932	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	32799	43.975	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	32799	104.387	ug/l #	17
95) Naphthalene	15.334	128	5193	1.532	ug/l #	94

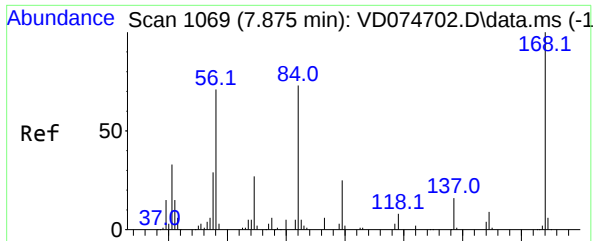
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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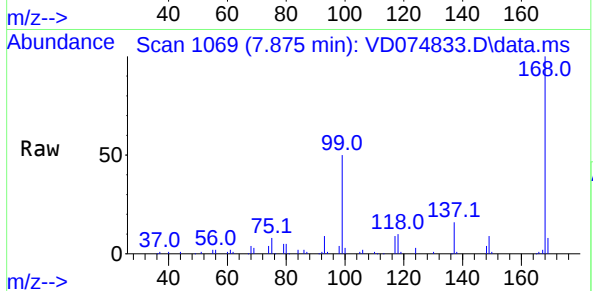
Quant Time: Nov 10 00:37:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
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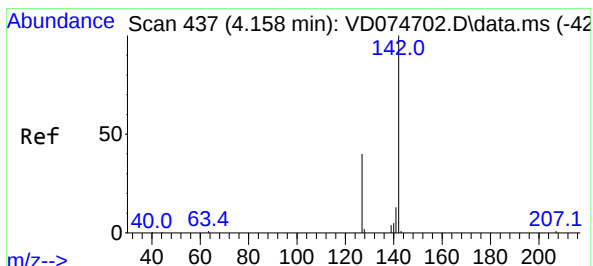
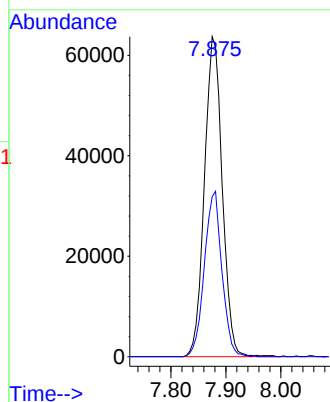
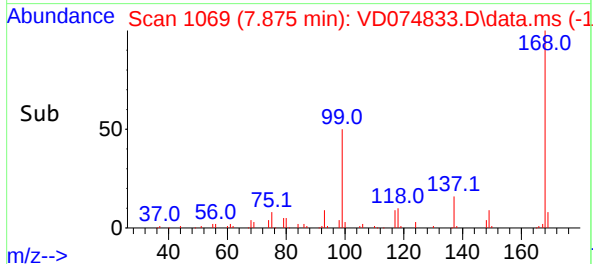


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

Instrument :
MSVOA_D
ClientSampleId :
PAT-03-110822

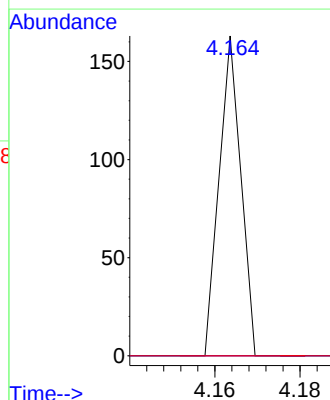
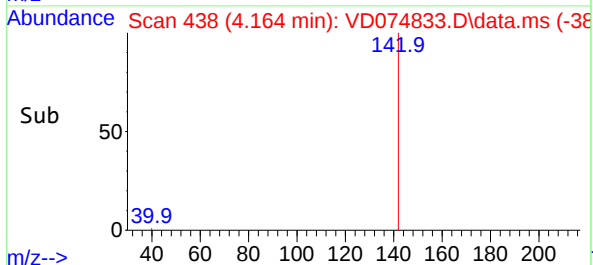
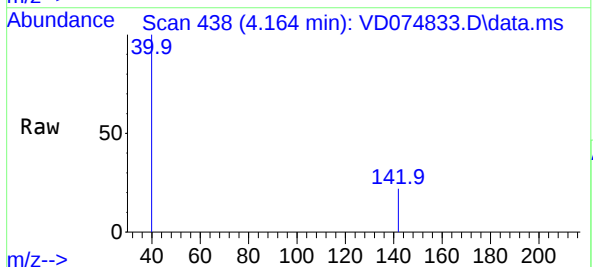


Tgt Ion:168 Resp: 143647
Ion Ratio Lower Upper
168 100
99 50.0 40.9 61.3



#10
Methyl Iodide
Concen: 5.583 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

Tgt Ion:142 Resp: 58
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: 5.058 min Scan# 59

Delta R.T. 0.012 min

Lab File: VD074833.D

Acq: 09 Nov 2022 17:33

Instrument :

MSVOA_D

ClientSampleId :

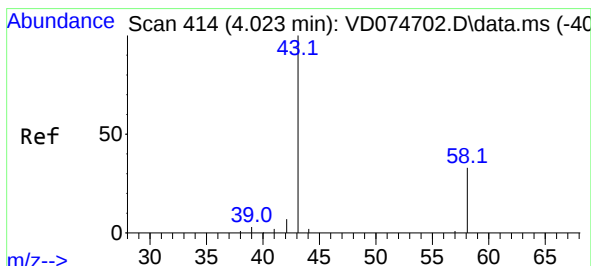
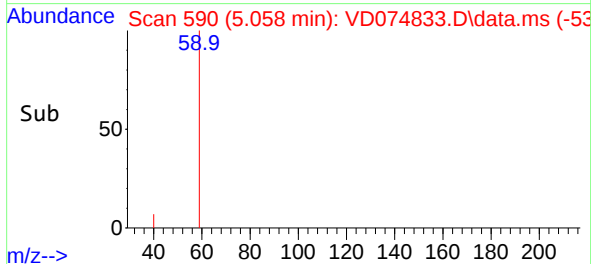
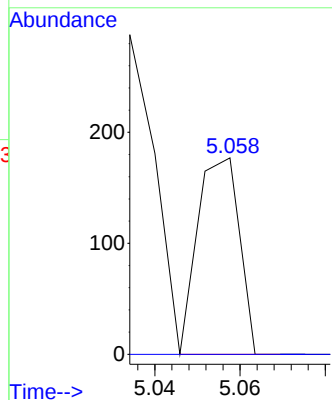
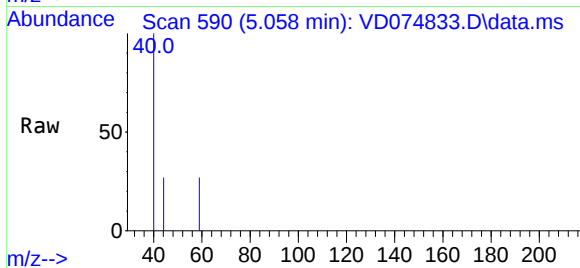
PAT-03-110822

Tgt Ion: 59 Resp: 121

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 8.752 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.011 min

Lab File: VD074833.D

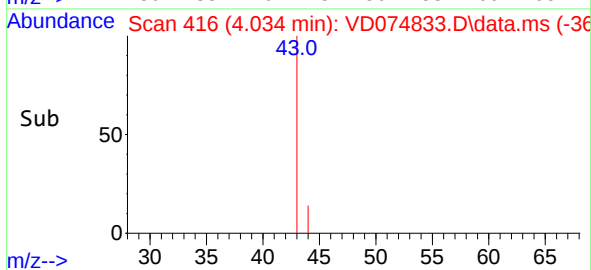
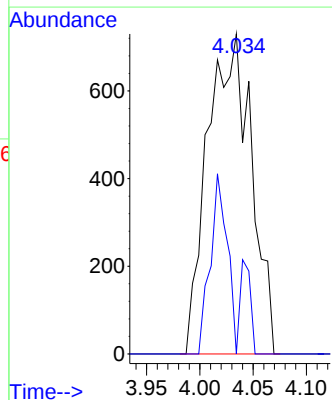
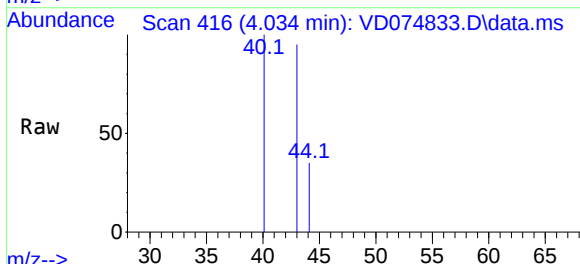
Acq: 09 Nov 2022 17:33

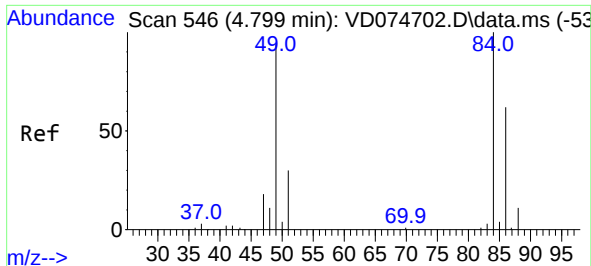
Tgt Ion: 43 Resp: 2078

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



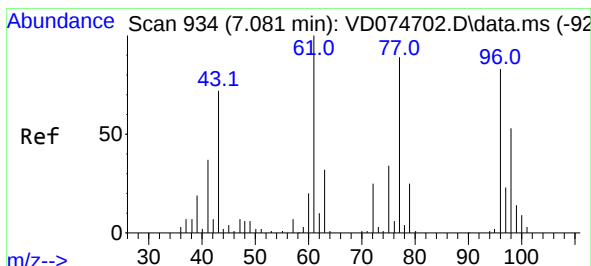
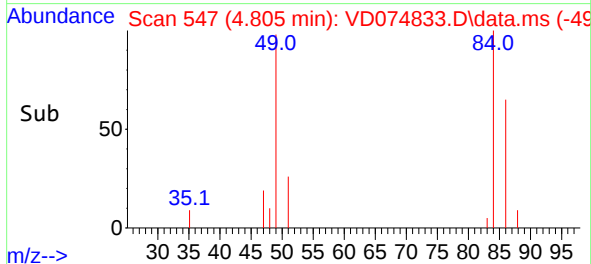
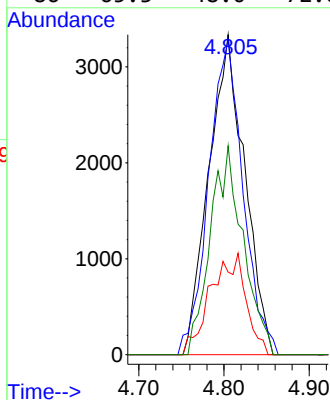
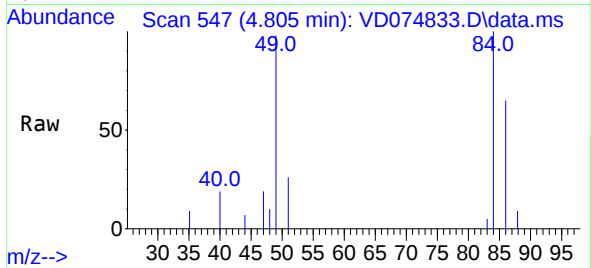


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

Instrument :
MSVOA_D
ClientSampleId :
PAT-03-110822

Tgt Ion: 84 Resp: 9752

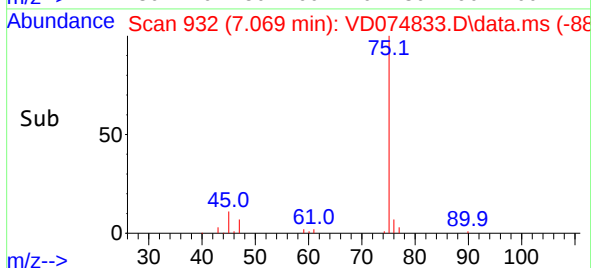
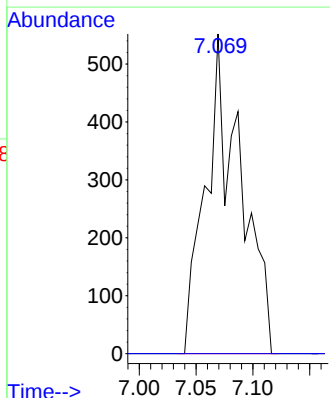
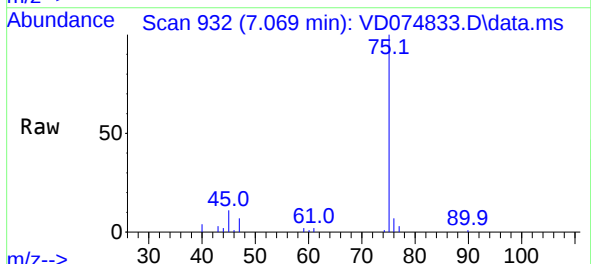
Ion	Ratio	Lower	Upper
84	100		
49	98.4	68.0	102.0
51	25.8	23.2	34.8
86	65.3	48.0	72.0

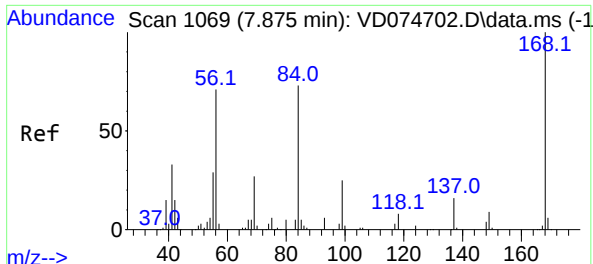


#25
2-Butanone
Concen: 3.596 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

Tgt Ion: 43 Resp: 1174

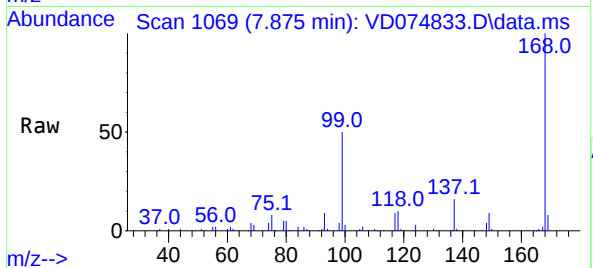
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#



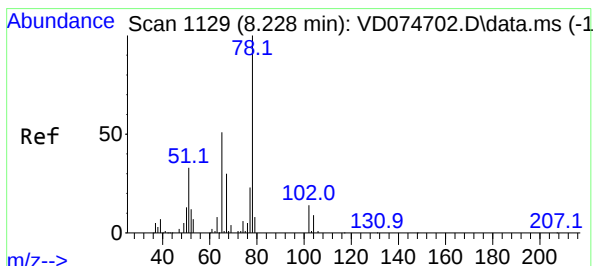
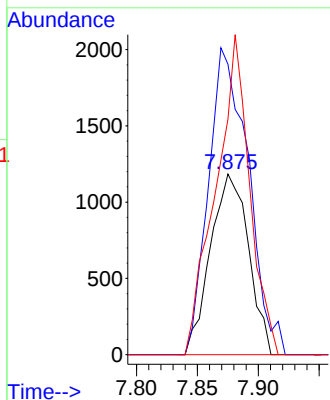
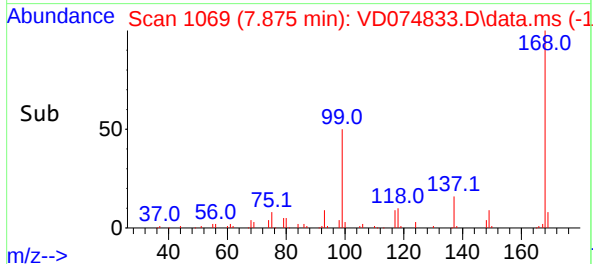


#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

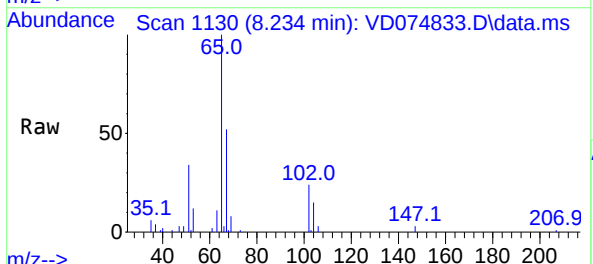
Instrument :
MSVOA_D
ClientSampleId :
PAT-03-110822



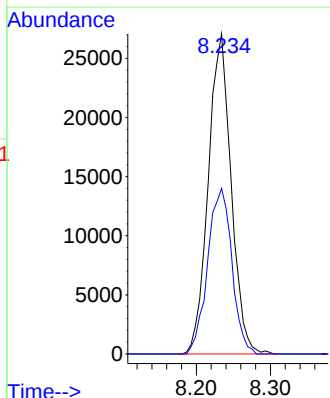
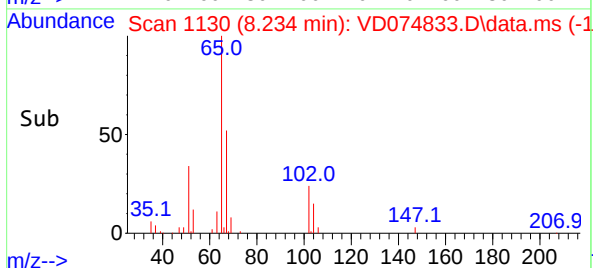
Tgt Ion: 56 Resp: 2573
Ion Ratio Lower Upper
56 100
69 160.8 29.2 43.8#
84 130.4 83.4 125.2#

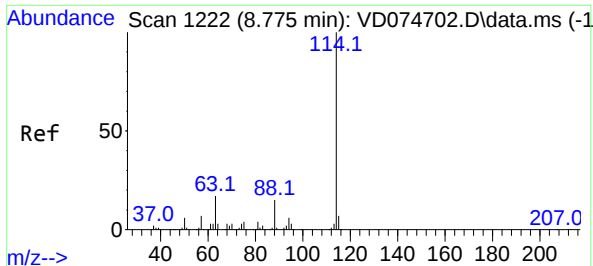


#33
1,2-Dichloroethane-d4
Concen: 51.026 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33



Tgt Ion: 65 Resp: 58053
Ion Ratio Lower Upper
65 100
67 54.7 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: VD074833.D

Acq: 09 Nov 2022 17:33

Instrument :

MSVOA_D

ClientSampleId :

PAT-03-110822

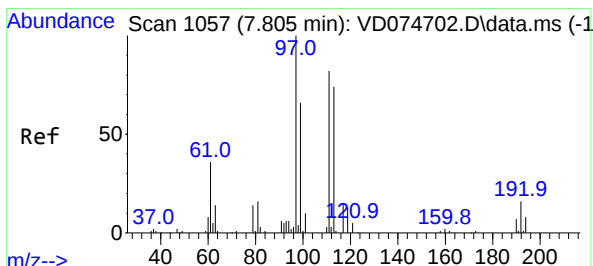
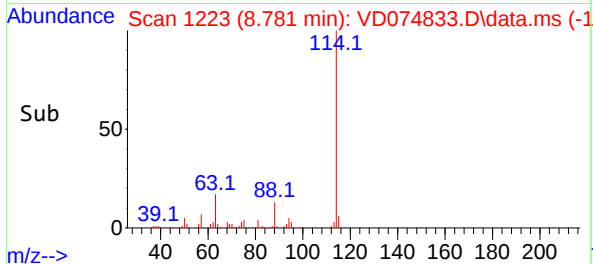
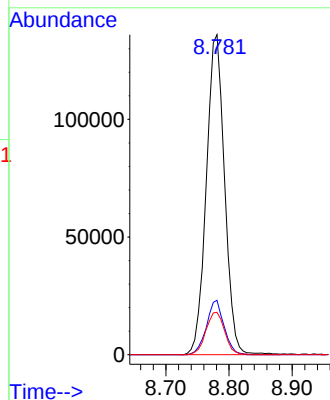
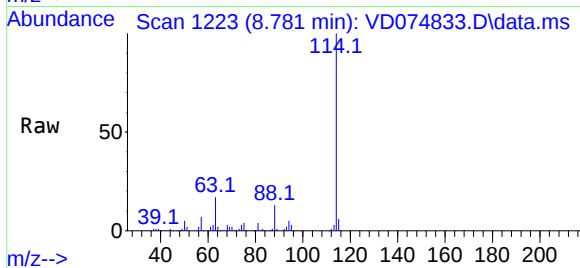
Tgt Ion:114 Resp: 273398

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 49.008 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074833.D

Acq: 09 Nov 2022 17:33

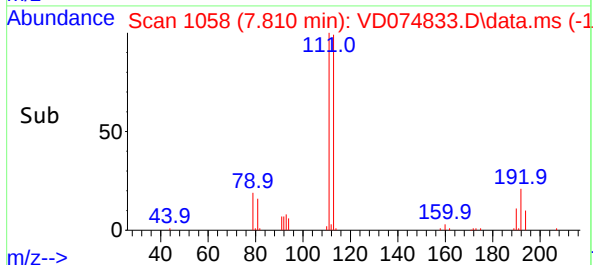
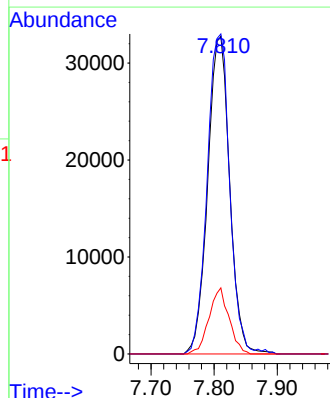
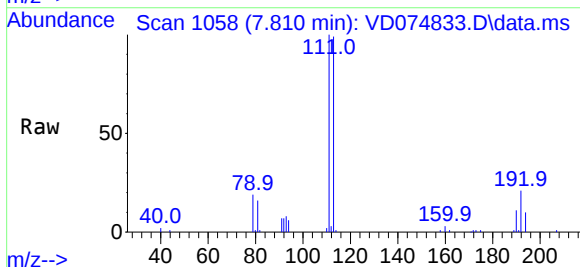
Tgt Ion:113 Resp: 79258

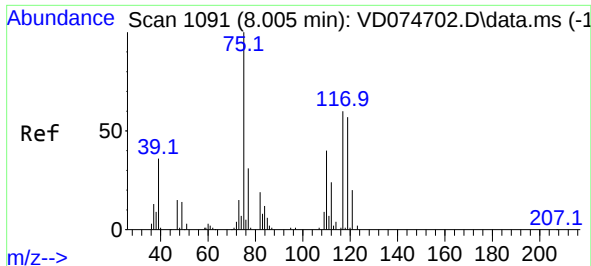
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 19.0 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.168 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.130 min

Lab File: VD074833.D

Acq: 09 Nov 2022 17:33

Instrument :

MSVOA_D

ClientSampleId :

PAT-03-110822

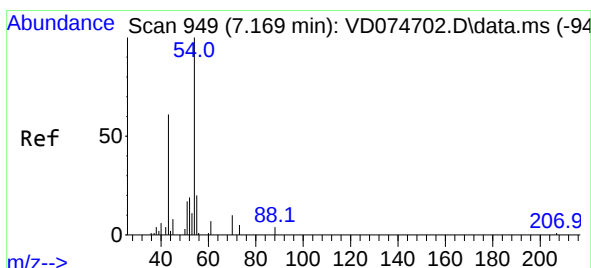
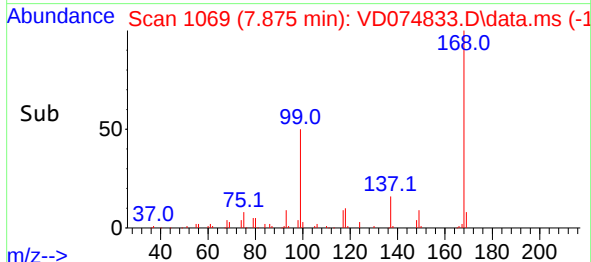
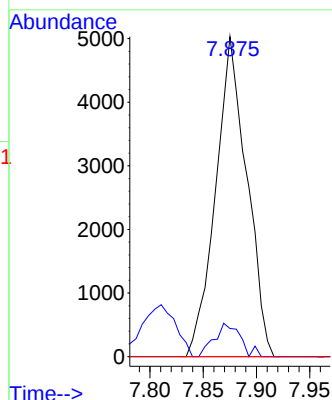
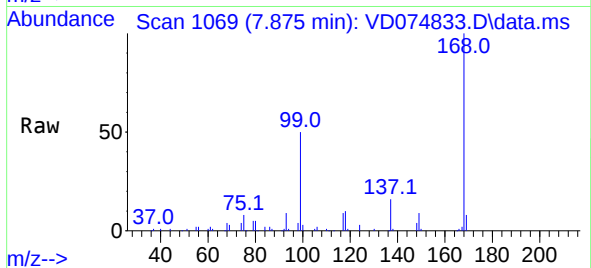
Tgt Ion: 75 Resp: 10231

Ion Ratio Lower Upper

75 100

110 8.8 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 1.434 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.100 min

Lab File: VD074833.D

Acq: 09 Nov 2022 17:33

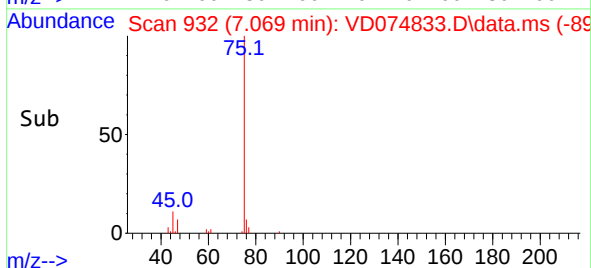
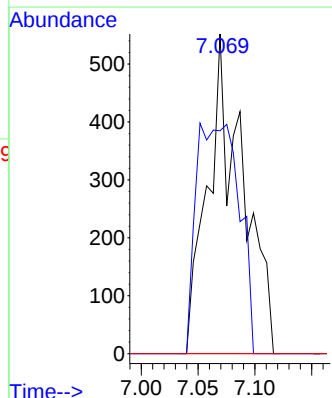
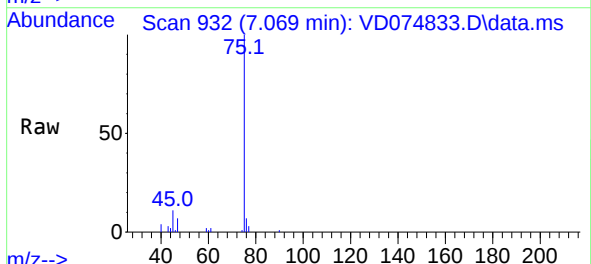
Tgt Ion: 43 Resp: 1174

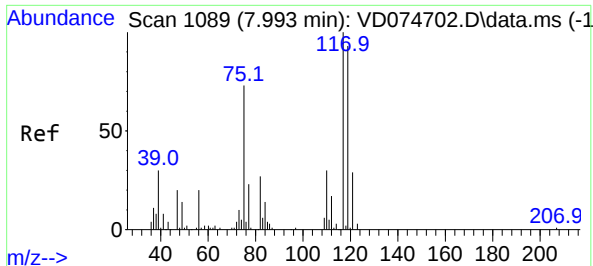
Ion Ratio Lower Upper

43 100

61 89.2 12.2 18.4#

70 0.0 9.6 14.4#

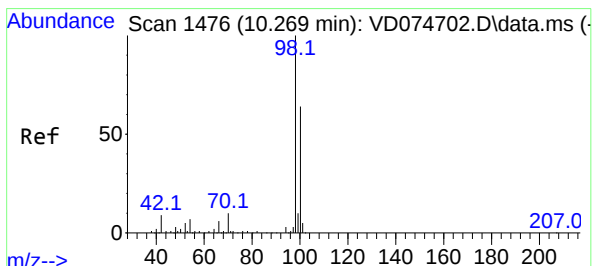
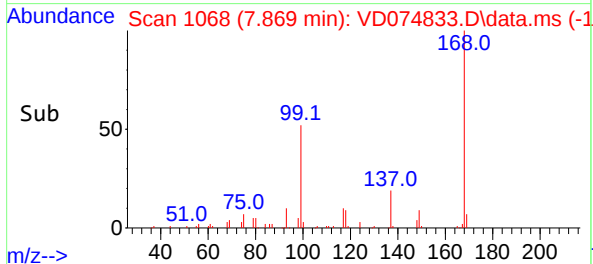
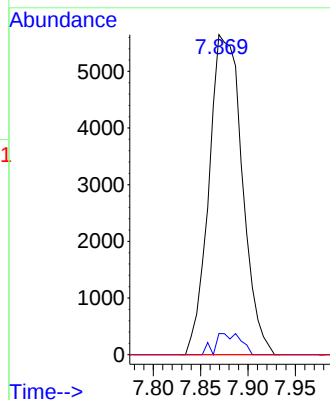
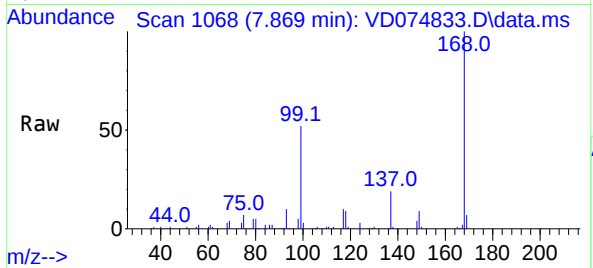




#38
Carbon Tetrachloride
Concen: 5.932 ug/l
RT: 7.869 min Scan# 117
Delta R.T. -0.124 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

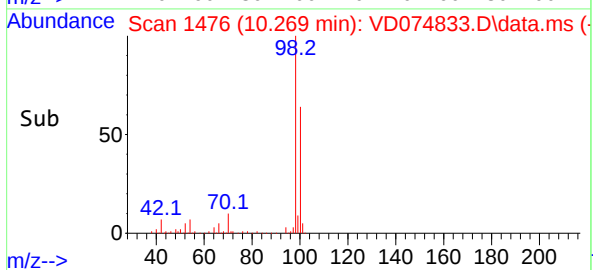
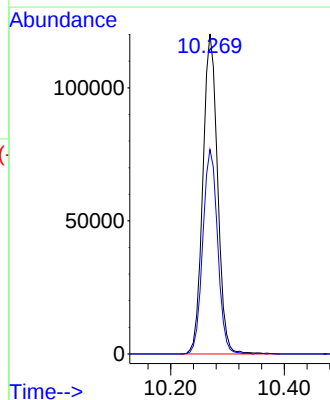
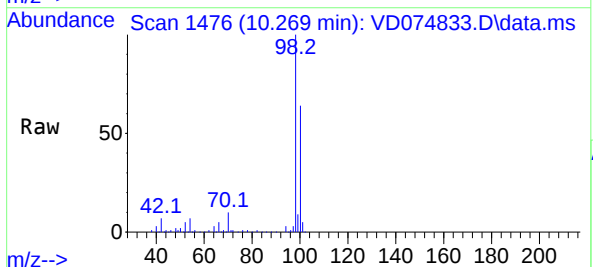
Instrument :
MSVOA_D
ClientSampleId :
PAT-03-110822

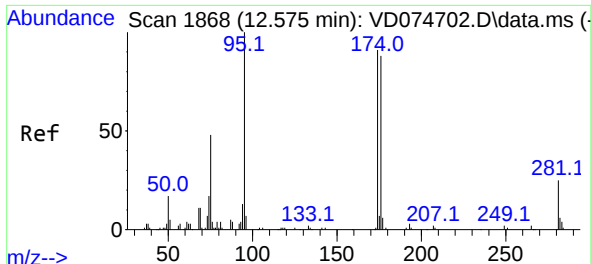
Tgt Ion:117 Resp: 13797
Ion Ratio Lower Upper
117 100
119 6.6 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 36.600 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

Tgt Ion: 98 Resp: 215913
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0

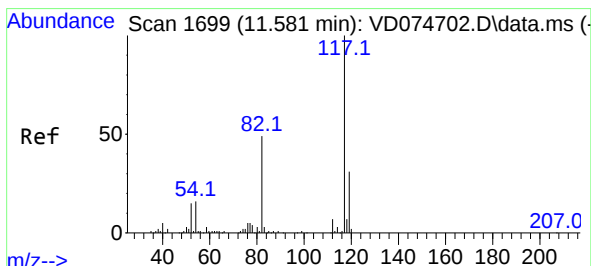
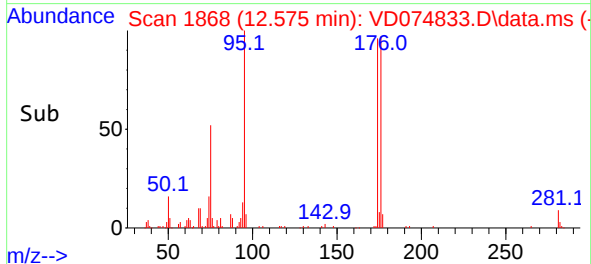
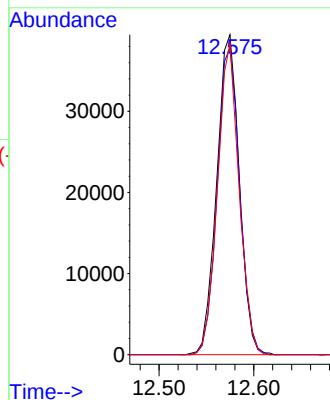
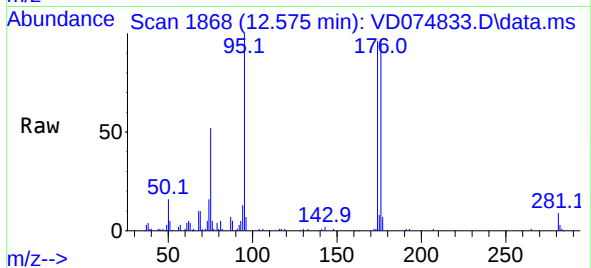




#62
4-Bromofluorobenzene
Concen: 38.244 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

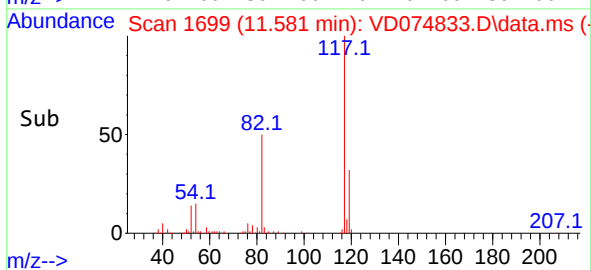
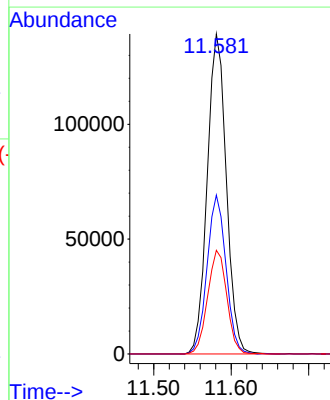
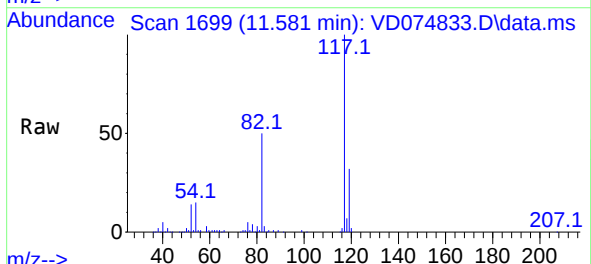
Instrument :
MSVOA_D
ClientSampleId :
PAT-03-110822

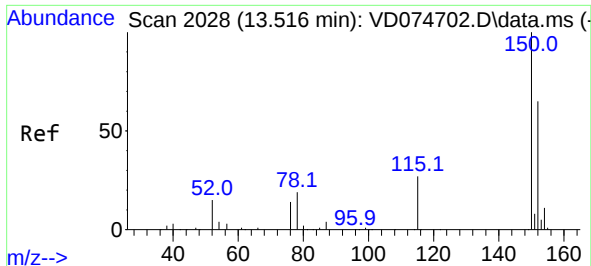
Tgt Ion: 95 Resp: 65141
Ion Ratio Lower Upper
95 100
174 95.8 0.0 197.0
176 92.7 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

Tgt Ion: 117 Resp: 238357
Ion Ratio Lower Upper
117 100
82 49.6 41.6 62.4
119 32.4 25.2 37.8

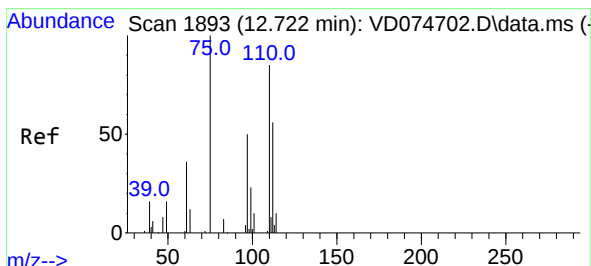
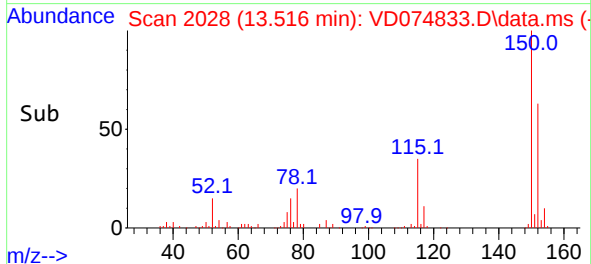
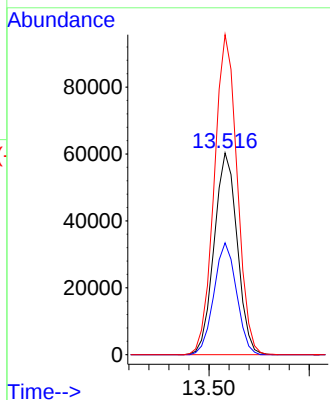
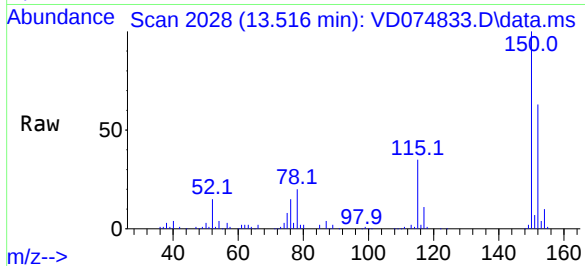




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

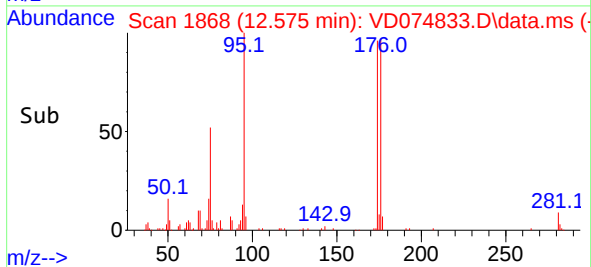
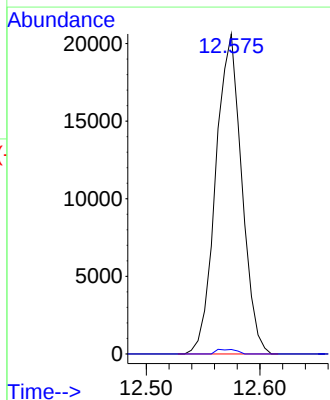
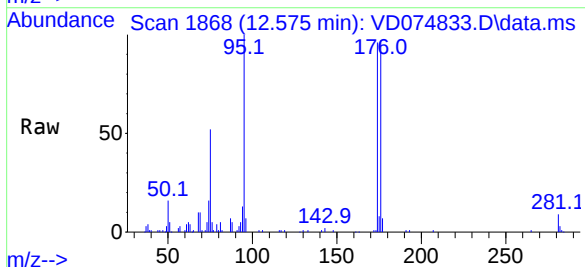
Instrument :
MSVOA_D
ClientSampleId :
PAT-03-110822

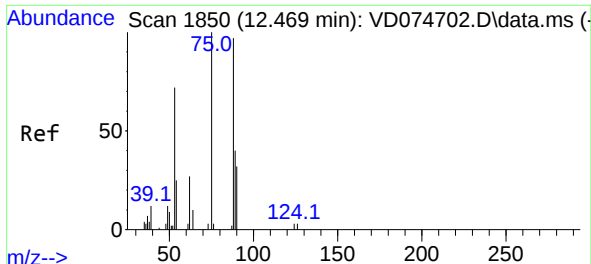
Tgt Ion:152 Resp: 96213
Ion Ratio Lower Upper
152 100
115 54.3 26.8 80.4
150 157.8 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 43.975 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

Tgt Ion: 75 Resp: 32799
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#

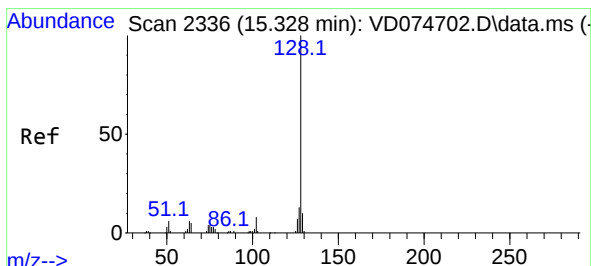
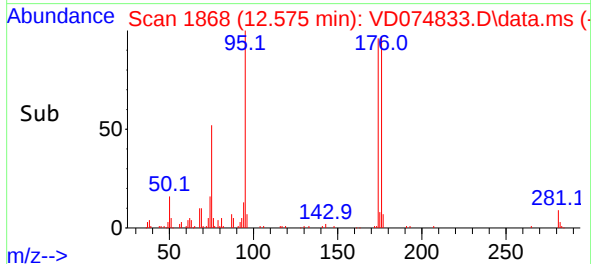
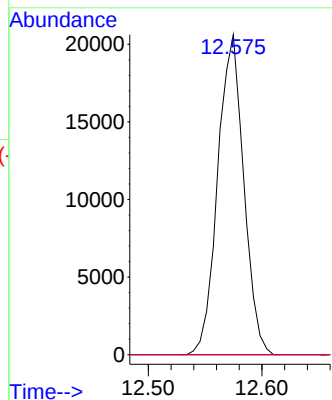
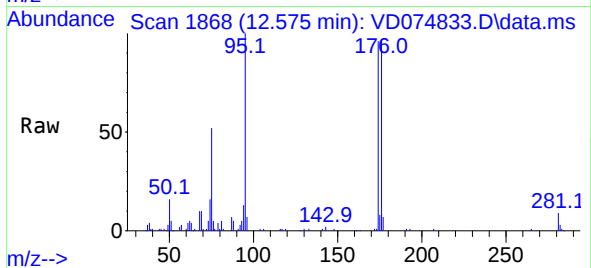




#81
trans-1,4-Dichloro-2-butene
Concen: 104.387 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

Instrument :
MSVOA_D
ClientSampleId :
PAT-03-110822

Tgt Ion: 75 Resp: 32799
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.532 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD074833.D
Acq: 09 Nov 2022 17:33

Tgt Ion: 128 Resp: 5193
Ion Ratio Lower Upper
128 100
127 14.9 10.6 16.0
129 7.4 8.3 12.5#

