

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074489.D
 Acq On : 07 Oct 2022 14:28
 Operator : VA/SY
 Sample : N5014-05RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 08 02:24:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

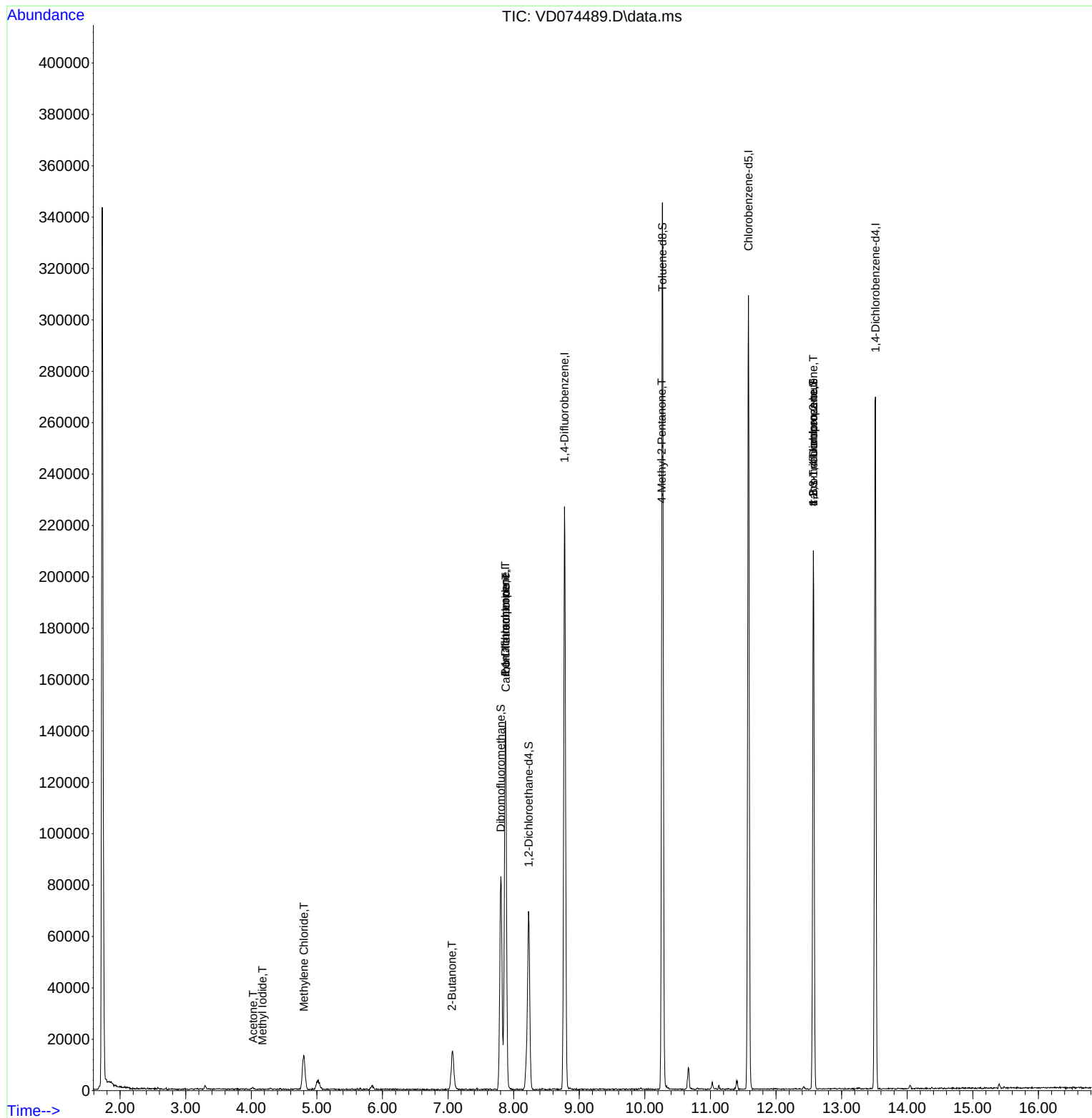
Internal Standards						
1) Pentafluorobenzene	7.875	168	118251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	212683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	188151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50946	48.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.980%
35) Dibromofluoromethane	7.804	113	60684	43.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.540%
50) Toluene-d8	10.269	98	246138	48.120	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.569	95	63499	38.718	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.440%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	111	5.869	ug/l #	43
11) Tert butyl alcohol	5.016	59	3368	Below Cal	#	84
16) Acetone	4.028	43	1137	15.710	ug/l #	75
20) Methylene Chloride	4.805	84	11533	2.151	ug/l #	90
25) 2-Butanone	7.057	43	426	1.414	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	8486	4.311	ug/l #	47
38) Carbon Tetrachloride	7.881	117	11975	6.865	ug/l #	18
51) 4-Methyl-2-Pentanone	10.257	43	624	1.018	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	32896	56.007	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	32896	124.958	ug/l #	17

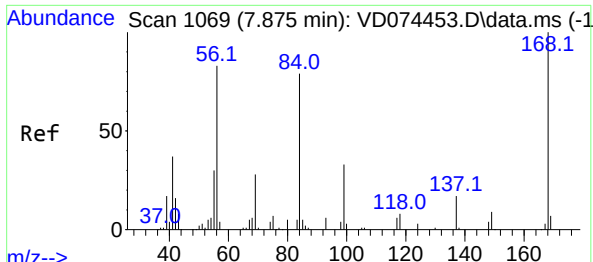
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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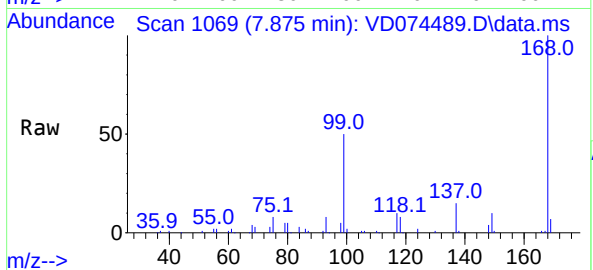
Quant Time: Oct 08 02:24:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration



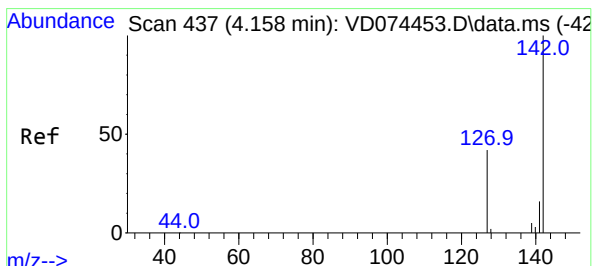
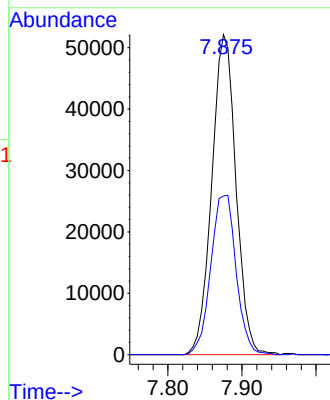
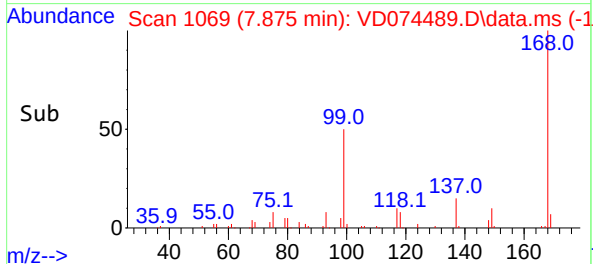


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

Instrument :
MSVOA_D
ClientSampleId :

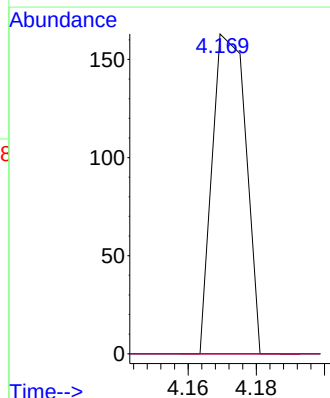
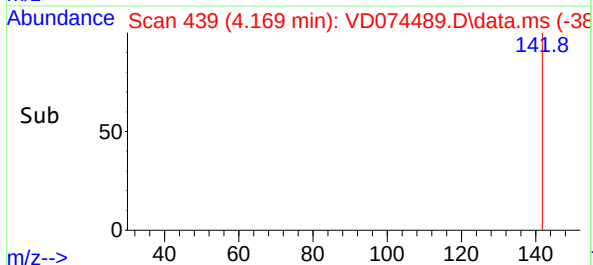
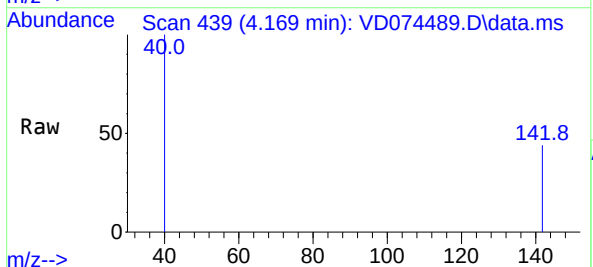


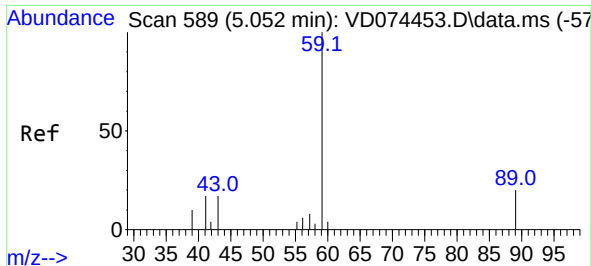
Tgt Ion:168 Resp: 118251
Ion Ratio Lower Upper
168 100
99 49.6 40.9 61.3



#10
Methyl Iodide
Concen: 5.869 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

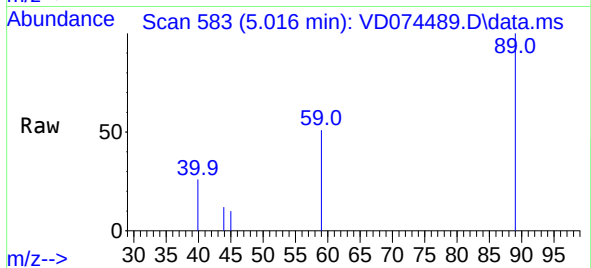
Tgt Ion:142 Resp: 111
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



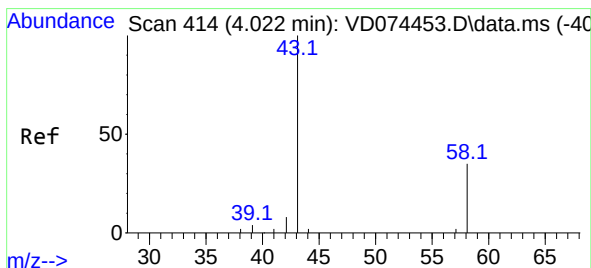
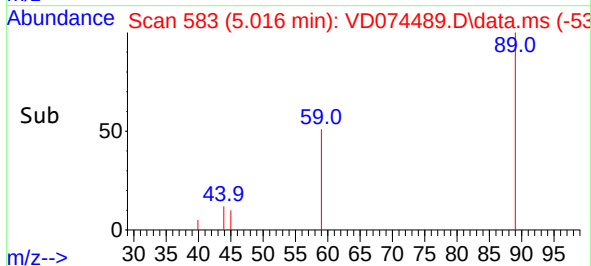
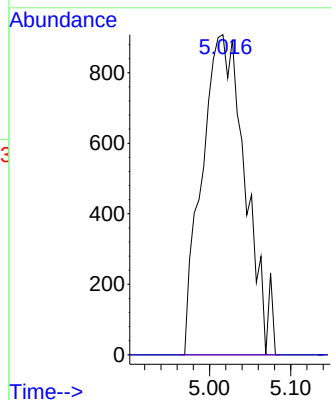


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.016 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

Instrument :
MSVOA_D
ClientSampleId :

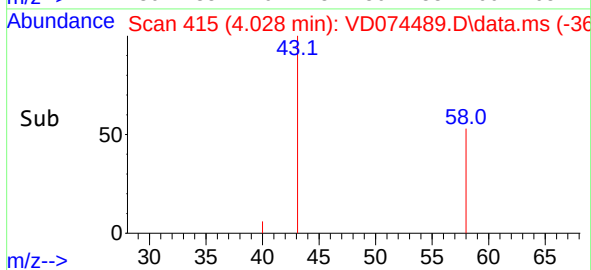
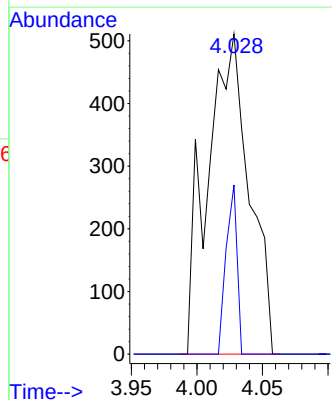
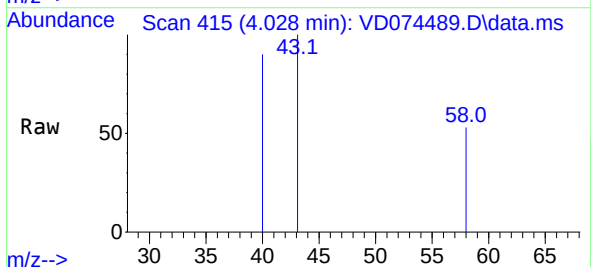


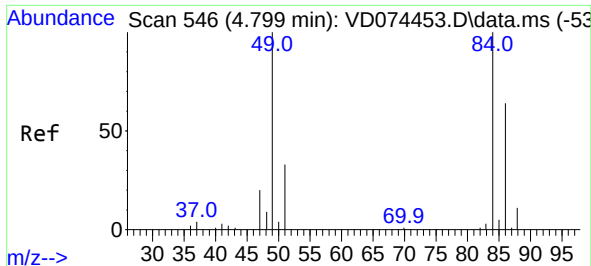
Tgt Ion: 59 Resp: 3368
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 15.710 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

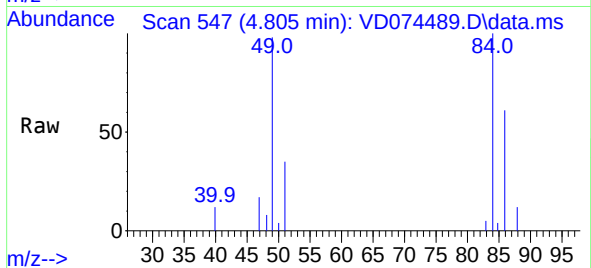
Tgt Ion: 43 Resp: 1137
Ion Ratio Lower Upper
43 100
58 52.8 30.2 45.2#



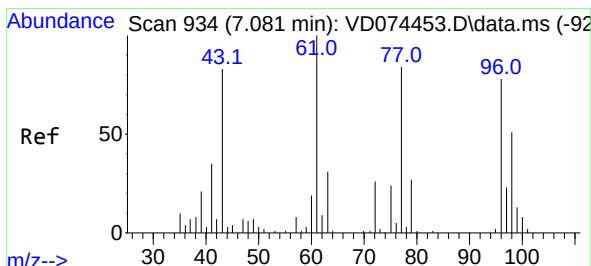
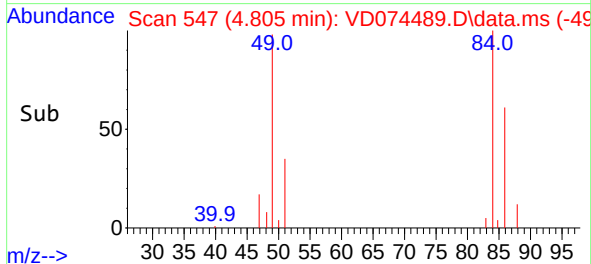
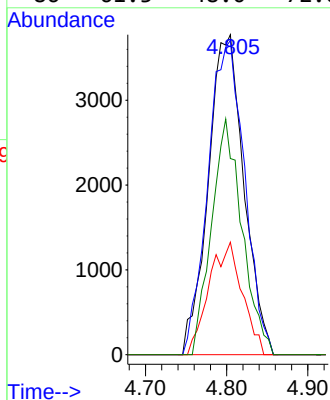


#20
Methylene Chloride
Concen: 2.151 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

Instrument :
MSVOA_D
ClientSampleId :

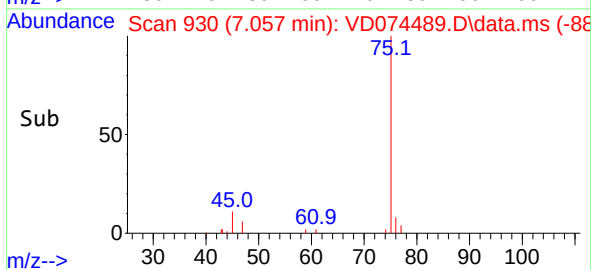
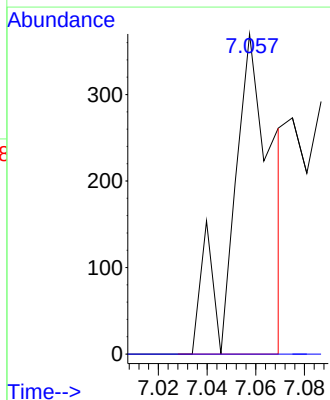
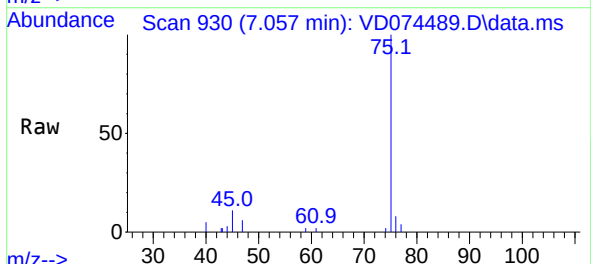


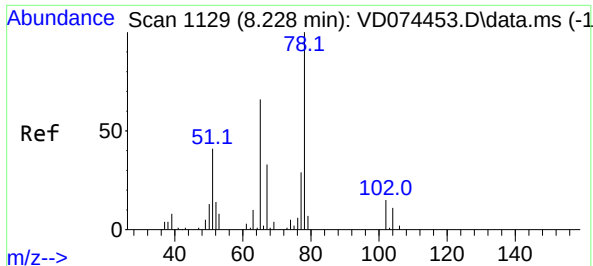
Tgt Ion: 84 Resp: 11533
Ion Ratio Lower Upper
84 100
49 98.1 68.0 102.0
51 35.2 23.2 34.8#
86 61.3 48.0 72.0



#25
2-Butanone
Concen: 1.414 ug/l
RT: 7.057 min Scan# 930
Delta R.T. -0.024 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#





#33

1,2-Dichloroethane-d4

Concen: 48.491 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074489.D

Acq: 07 Oct 2022 14:28

Instrument :

MSVOA_D

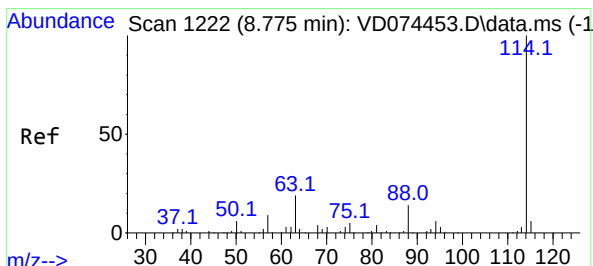
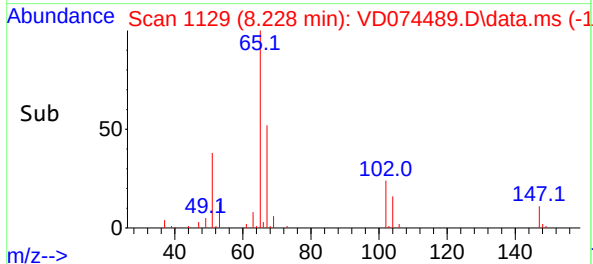
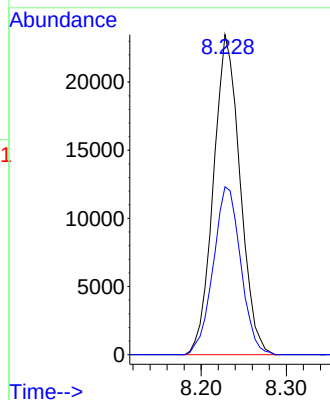
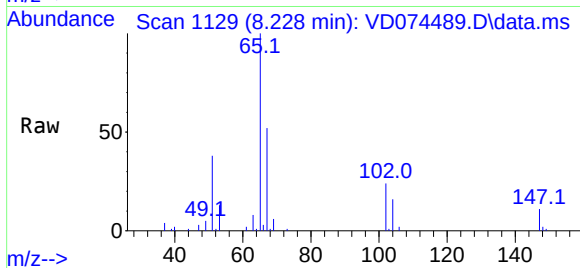
ClientSampleId :

Tgt Ion: 65 Resp: 50946

Ion Ratio Lower Upper

65 100

67 54.2 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: VD074489.D

Acq: 07 Oct 2022 14:28

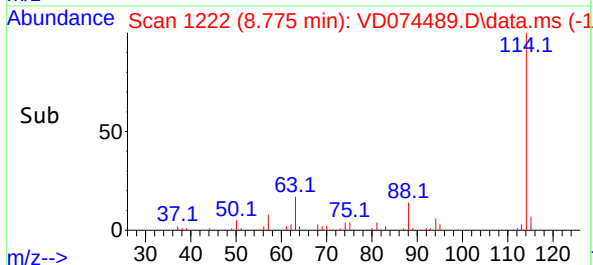
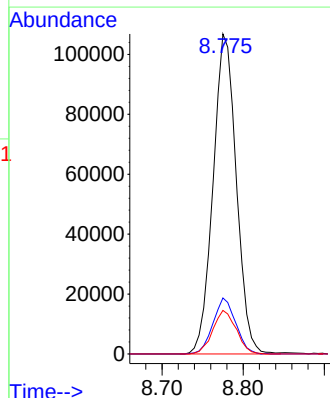
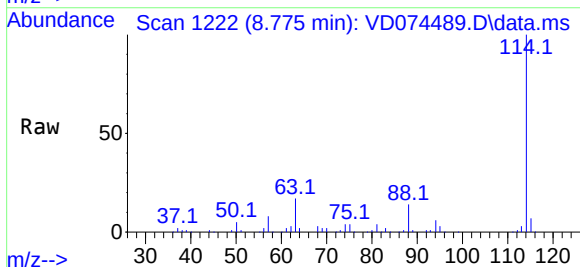
Tgt Ion: 114 Resp: 212683

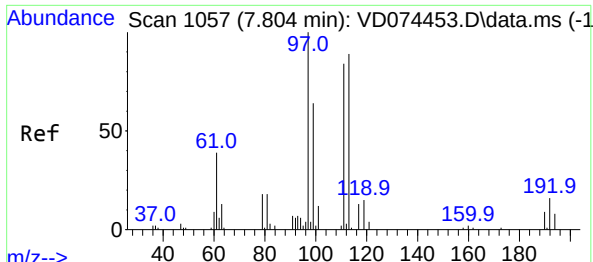
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 13.6 0.0 28.2





#35

Dibromofluoromethane

Concen: 43.270 ug/l

RT: 7.804 min Scan# 1069

Delta R.T. -0.000 min

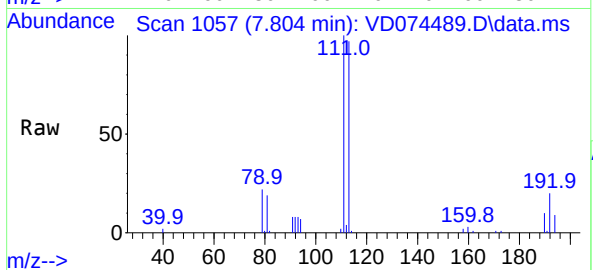
Lab File: VD074489.D

Acq: 07 Oct 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :



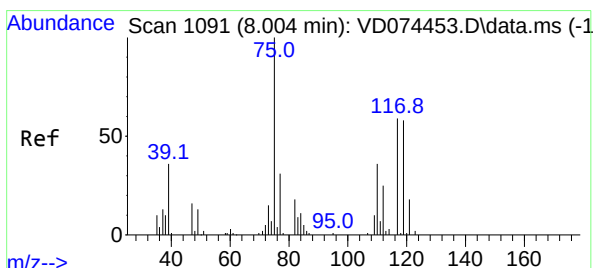
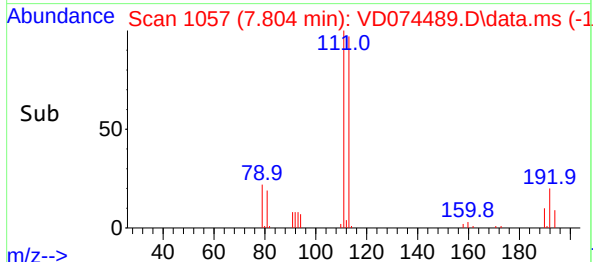
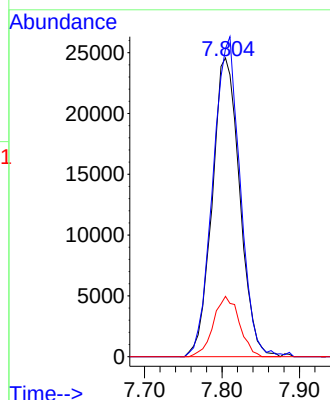
Tgt Ion:113 Resp: 60684

Ion Ratio Lower Upper

113 100

111 106.0 82.3 123.5

192 19.0 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.311 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074489.D

Acq: 07 Oct 2022 14:28

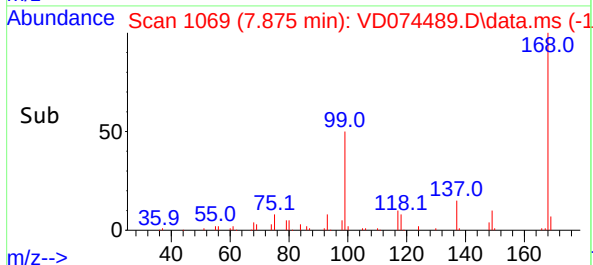
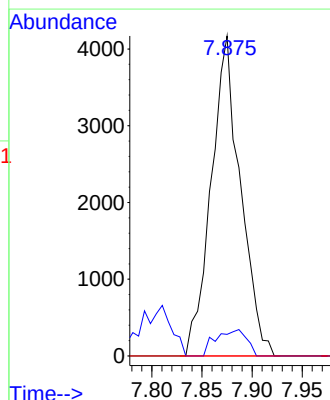
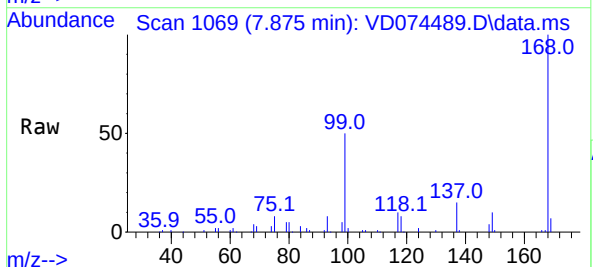
Tgt Ion: 75 Resp: 8486

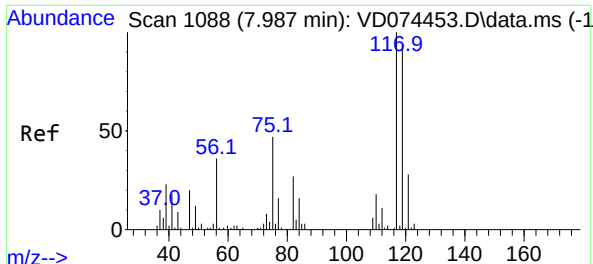
Ion Ratio Lower Upper

75 100

110 8.7 19.7 59.0#

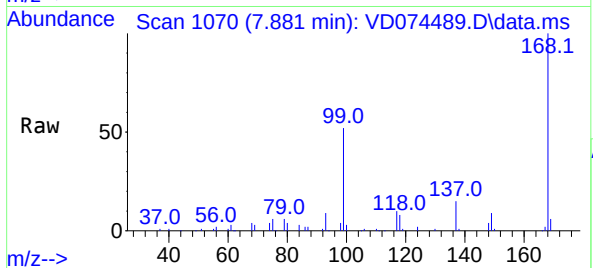
77 0.0 25.4 38.2#



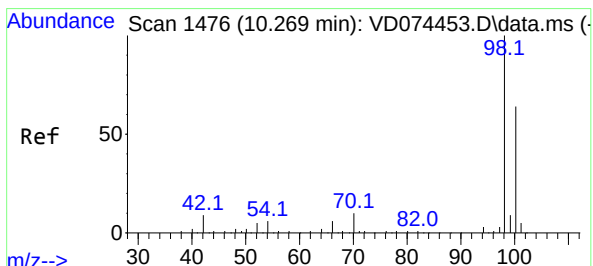
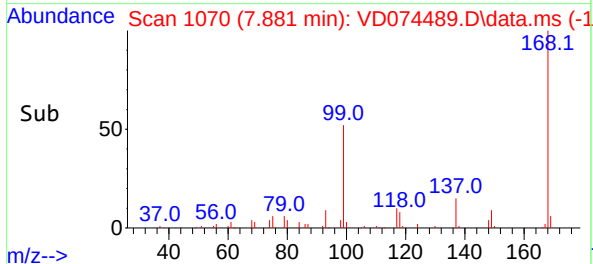
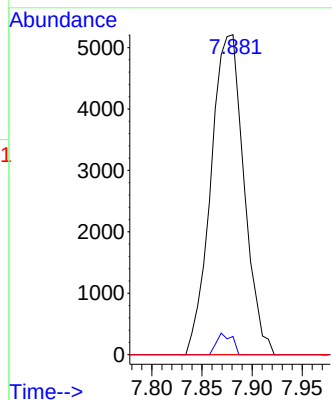


#38
Carbon Tetrachloride
Concen: 6.865 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

Instrument :
MSVOA_D
ClientSampleId :

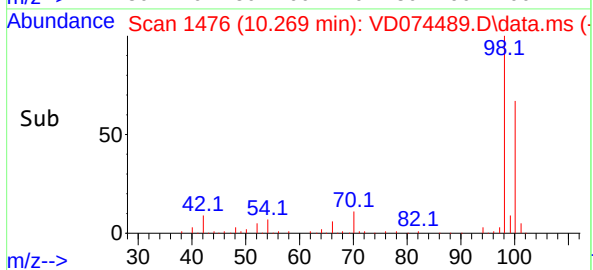
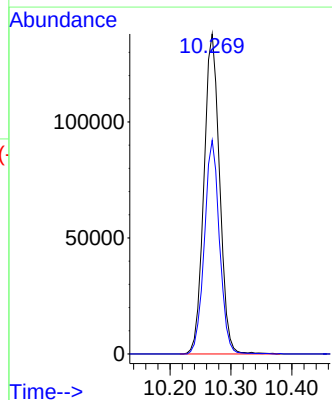
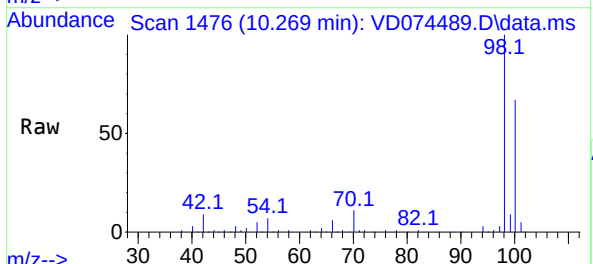


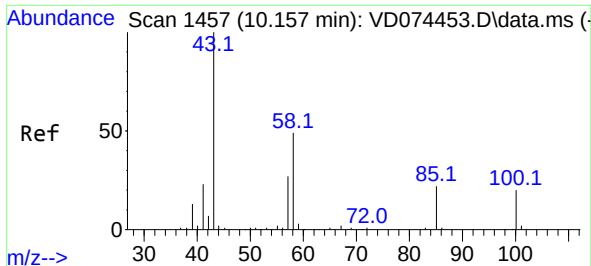
Tgt Ion:117 Resp: 11975
Ion Ratio Lower Upper
117 100
119 5.7 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 48.120 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

Tgt Ion: 98 Resp: 246138
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0

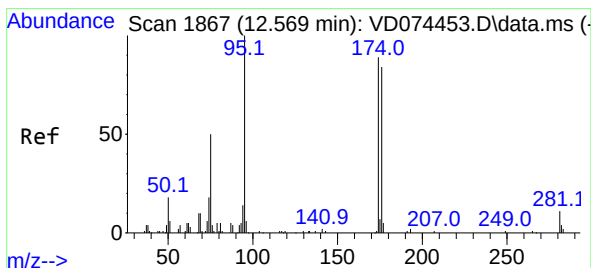
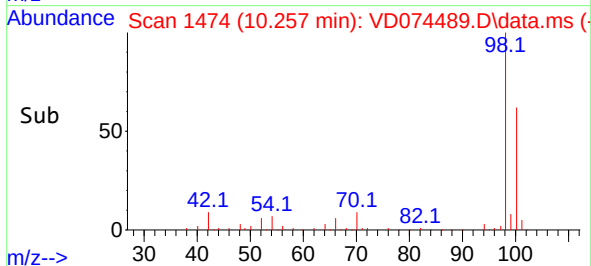
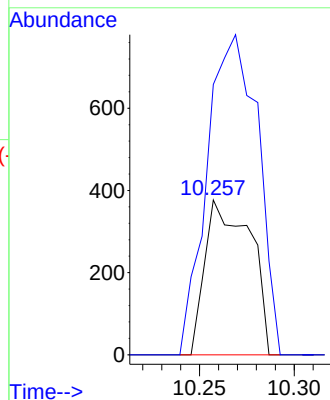
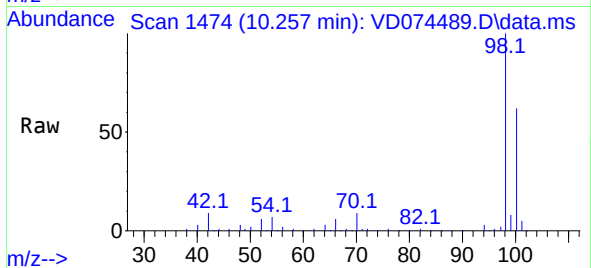




#51
4-Methyl-2-Pentanone
Concen: 1.018 ug/l
RT: 10.257 min Scan# 1457
Delta R.T. 0.100 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

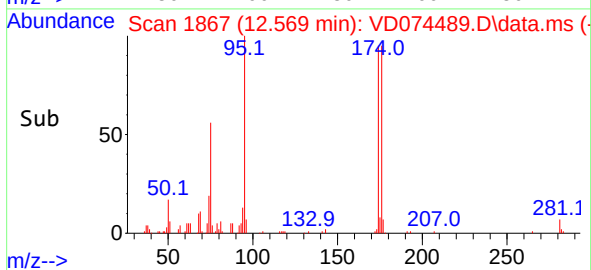
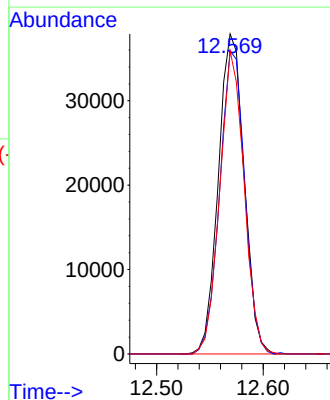
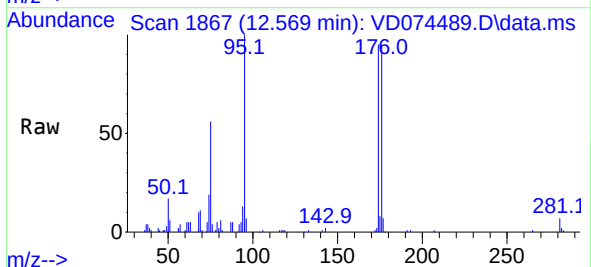
Instrument :
MSVOA_D
ClientSampleId :

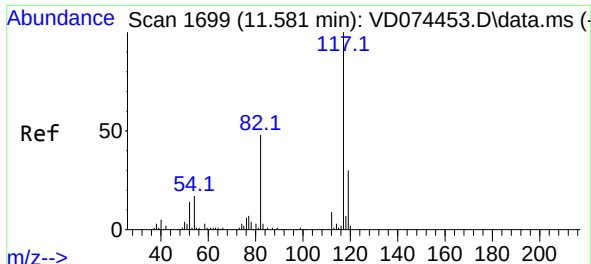
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 232.5 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 38.718 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

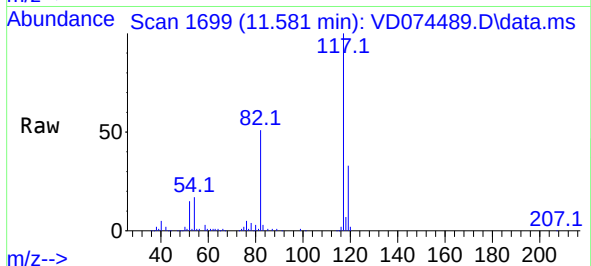
Tgt Ion: 95 Resp: 63499
Ion Ratio Lower Upper
95 100
174 92.2 0.0 197.0
176 89.1 0.0 182.6



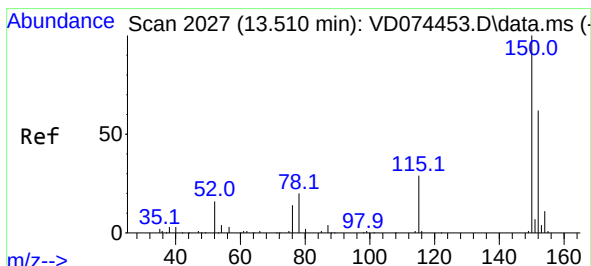
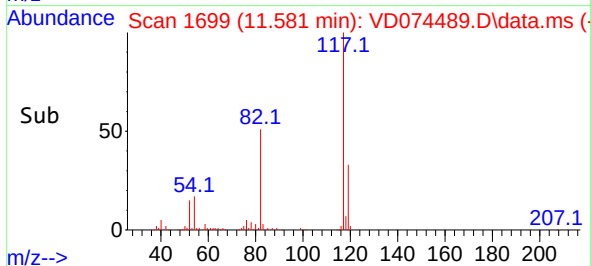
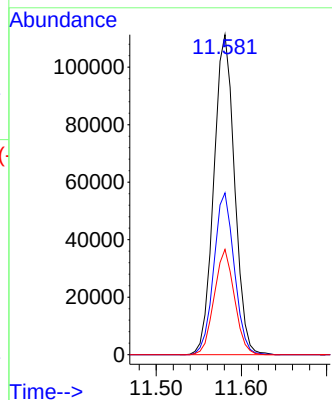


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

Instrument :
MSVOA_D
ClientSampleId :

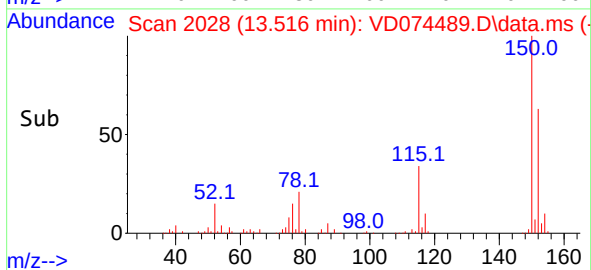
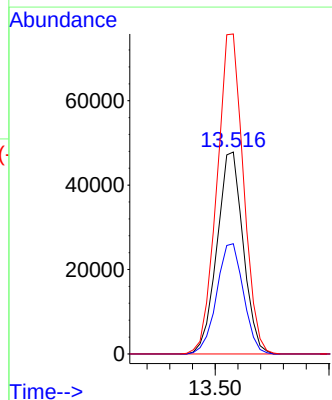
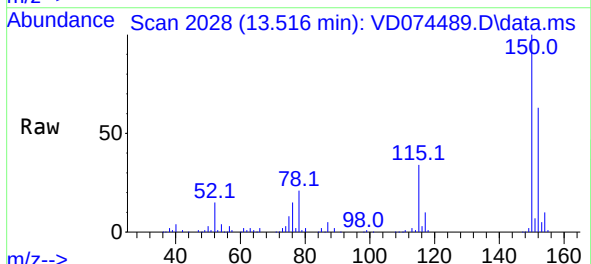


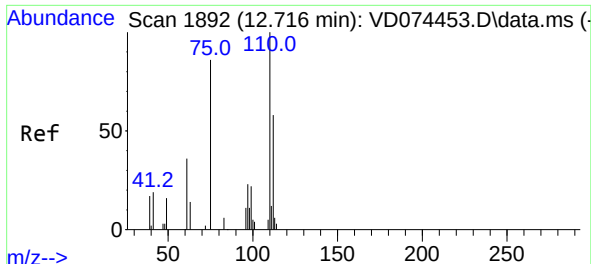
Tgt Ion:117 Resp: 188151
Ion Ratio Lower Upper
117 100
82 50.6 41.6 62.4
119 32.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

Tgt Ion:152 Resp: 76515
Ion Ratio Lower Upper
152 100
115 55.9 26.8 80.4
150 160.6 0.0 348.2

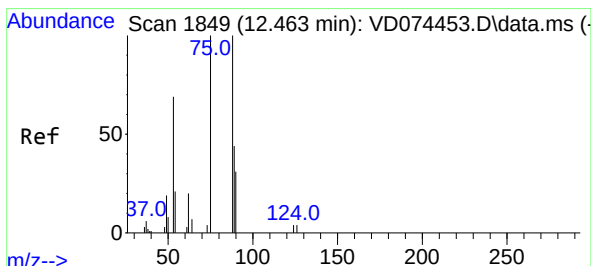
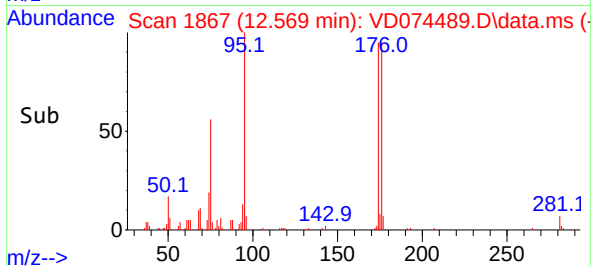
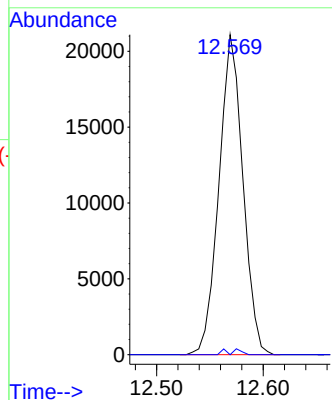
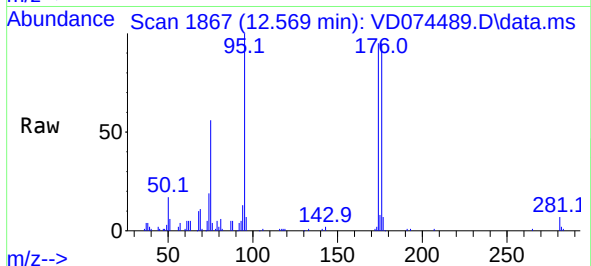




#76
1,2,3-Trichloropropane
Concen: 56.007 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 32896
Ion Ratio Lower Upper
75 100
77 0.4 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.958 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

Tgt Ion: 75 Resp: 32896
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

