

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074490.D
 Acq On : 07 Oct 2022 14:56
 Operator : VA/SY
 Sample : N5014-10RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 08 02:24:51 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)

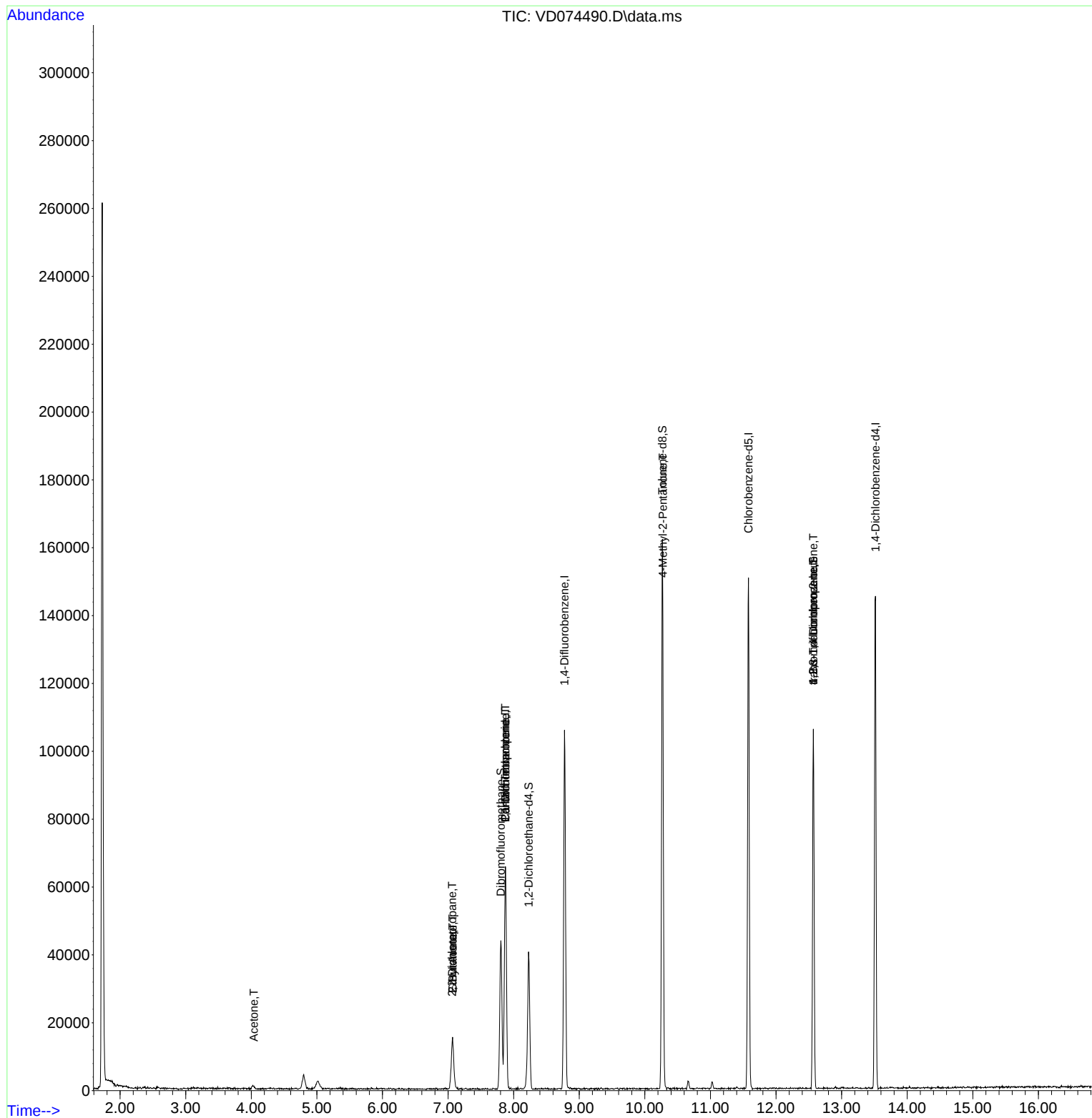
Internal Standards						
1) Pentafluorobenzene	7.875	168	54199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	99382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	93913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	42172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30814	63.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.980%	
35) Dibromofluoromethane	7.804	113	32178	49.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.200%	
50) Toluene-d8	10.269	98	116200	48.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.200%	
62) 4-Bromofluorobenzene	12.569	95	33339	44.375	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.005	59	2474	Below Cal	#	84
16) Acetone	4.040	43	1548	23.112	ug/l #	37
20) Methylene Chloride	4.793	84	3673	Below Cal		97
25) 2-Butanone	7.069	43	609	4.409	ug/l #	42
26) 2,2-Dichloropropane	7.063	77	1025	1.073	ug/l #	50
36) 1,1-Dichloropropene	7.875	75	3772	4.101	ug/l #	45
37) Ethyl Acetate	7.069	43	609	2.016	ug/l #	9
38) Carbon Tetrachloride	7.875	117	4868	5.972	ug/l #	14
51) 4-Methyl-2-Pentanone	10.275	43	318	1.111	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	17652	54.527	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	17652	121.657	ug/l #	17

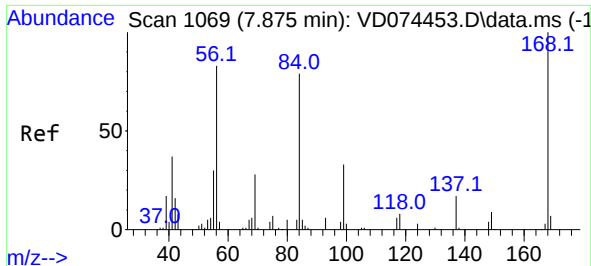
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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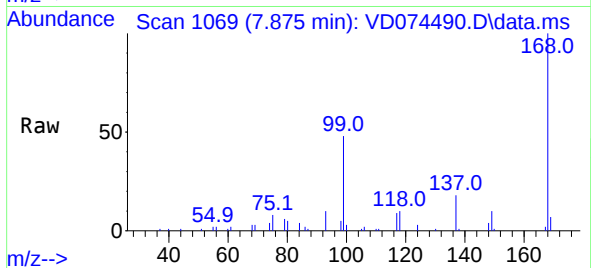
Quant Time: Oct 08 02:24:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration



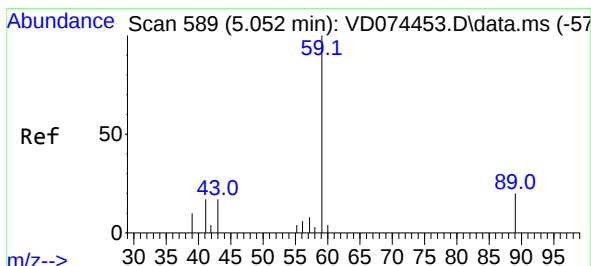
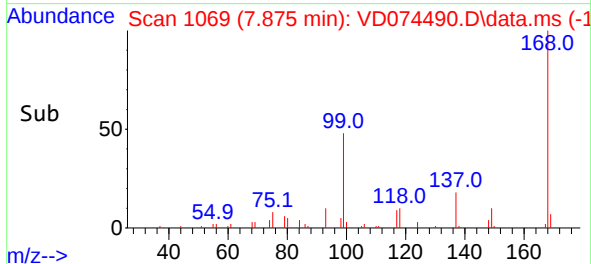
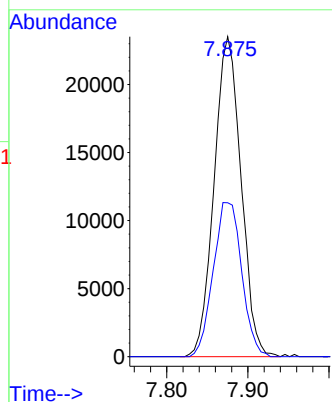


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :

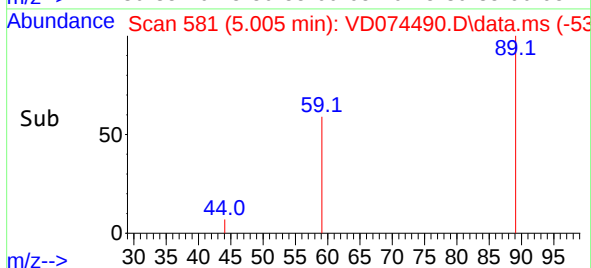
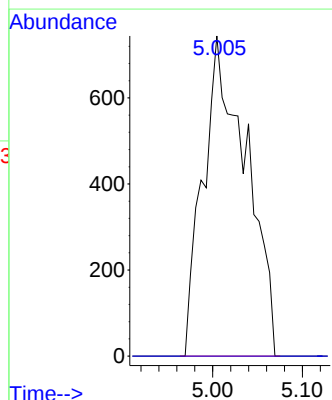
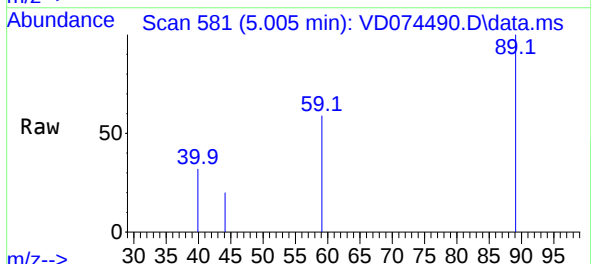


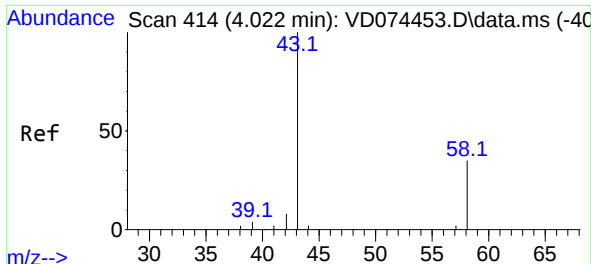
Tgt Ion:168 Resp: 54199
Ion Ratio Lower Upper
168 100
99 48.1 40.9 61.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.005 min Scan# 581
Delta R.T. -0.047 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

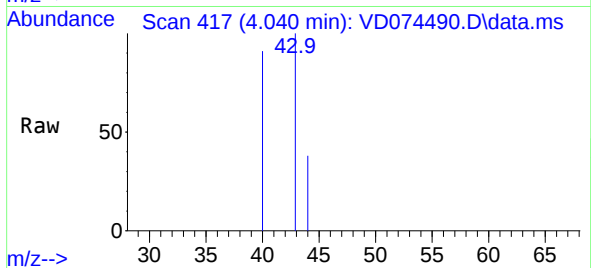
Tgt Ion: 59 Resp: 2474
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



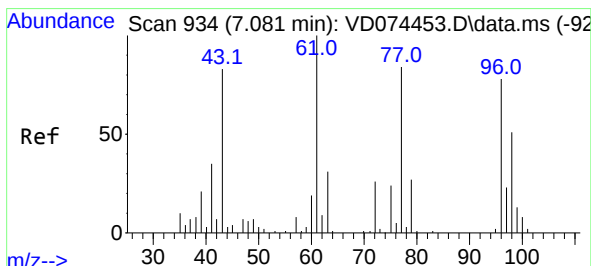
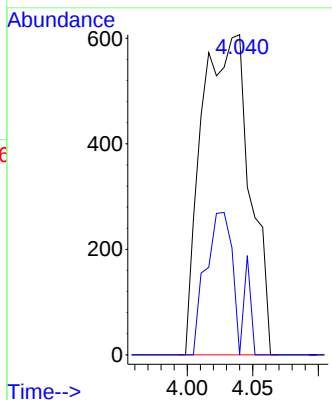
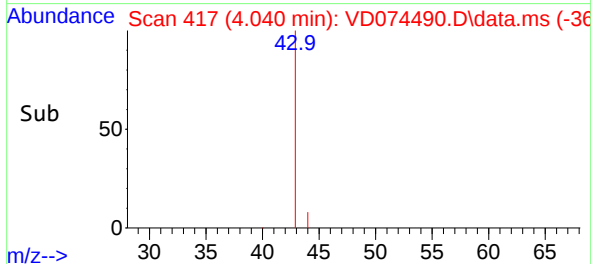


#16
Acetone
Concen: 23.112 ug/l
RT: 4.040 min Scan# 41
Delta R.T. 0.018 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :

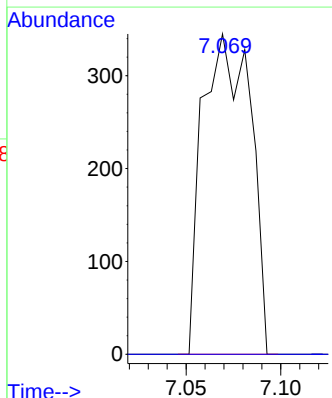
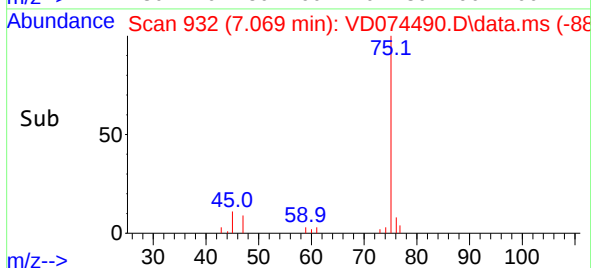
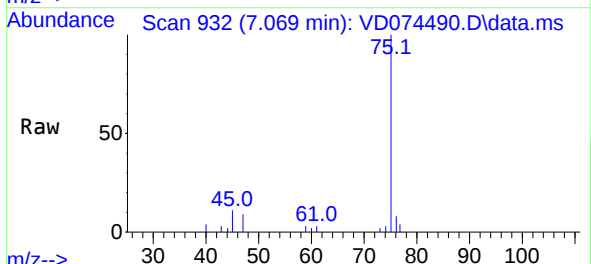


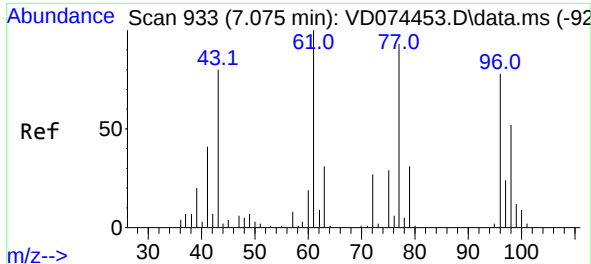
Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#25
2-Butanone
Concen: 4.409 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#

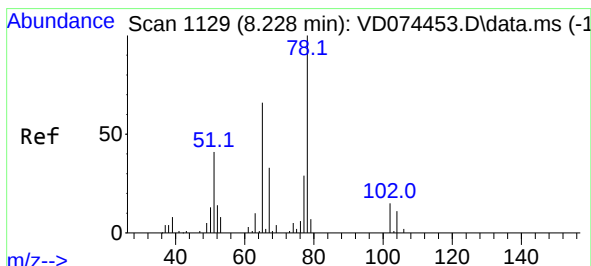
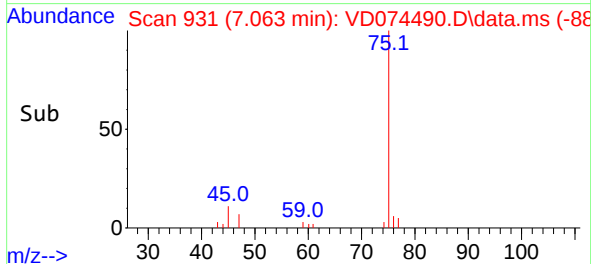
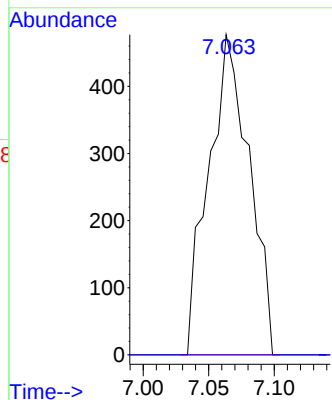
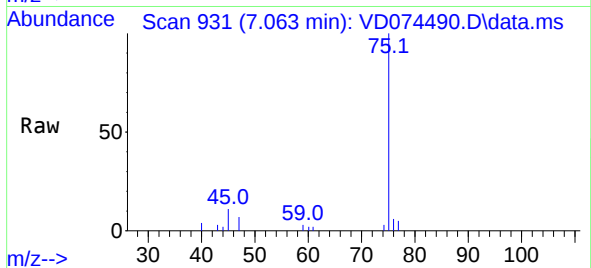




#26
2,2-Dichloropropane
Concen: 1.073 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

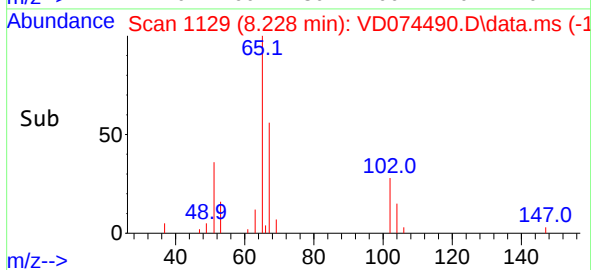
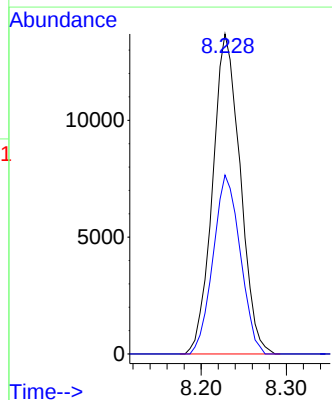
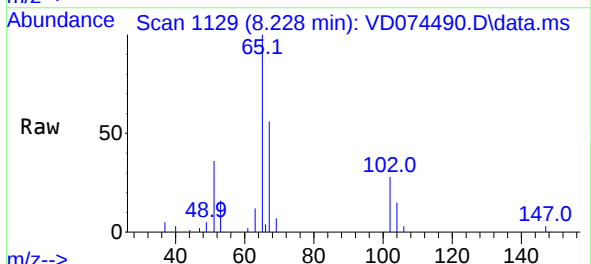
Instrument :
MSVOA_D
ClientSampleId :

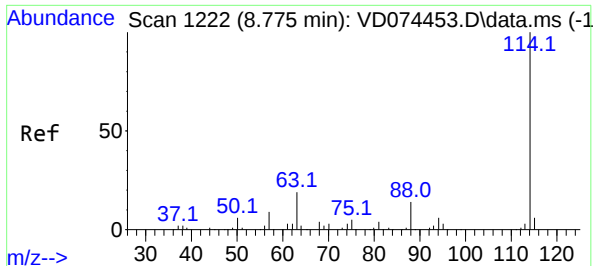
Tgt Ion: 77 Resp: 1025
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#33
1,2-Dichloroethane-d4
Concen: 63.990 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

Tgt Ion: 65 Resp: 30814
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2

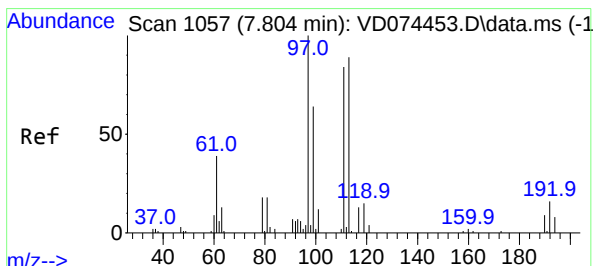
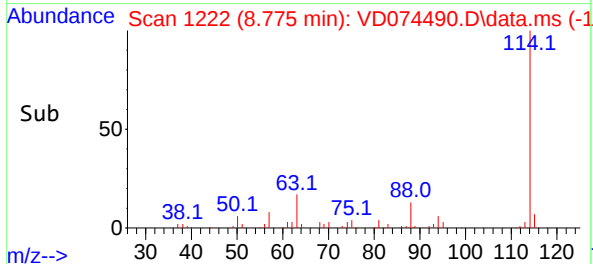
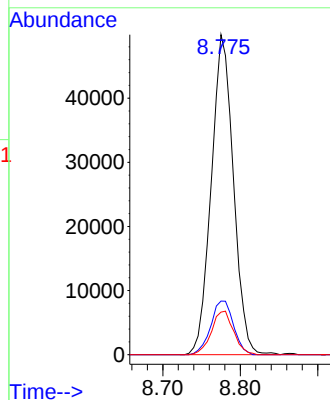
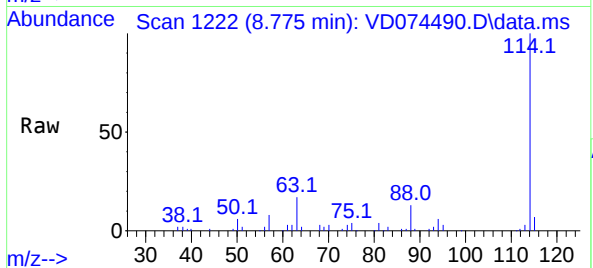




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

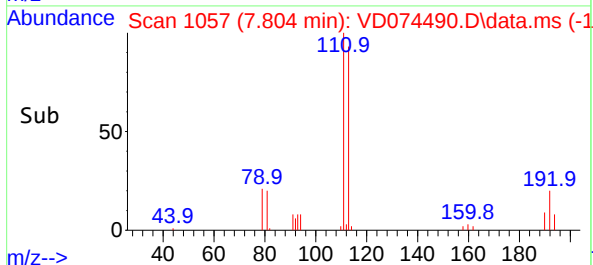
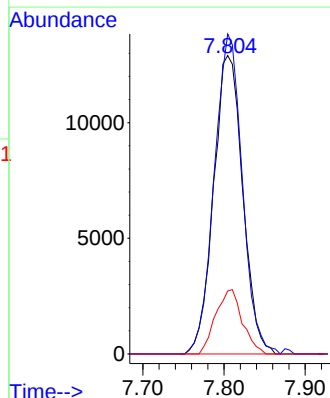
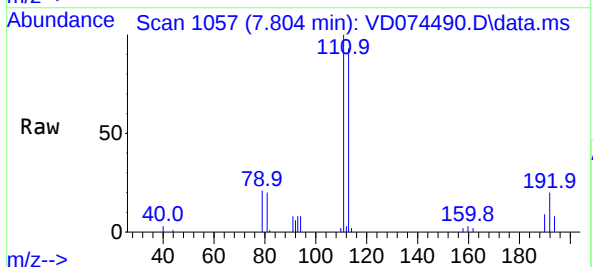
Instrument :
MSVOA_D
ClientSampleId :

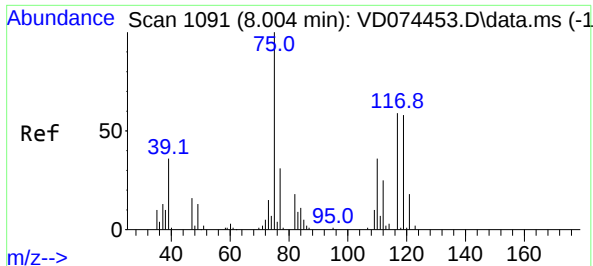
Tgt Ion:114 Resp: 99382
Ion Ratio Lower Upper
114 100
63 16.8 0.0 33.2
88 13.3 0.0 28.2



#35
Dibromofluoromethane
Concen: 49.102 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

Tgt Ion:113 Resp: 32178
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 19.7 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.101 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

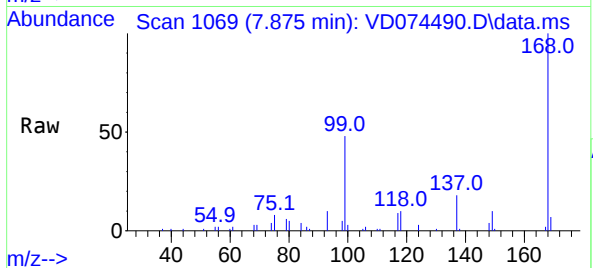
Lab File: VD074490.D

Acq: 07 Oct 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :



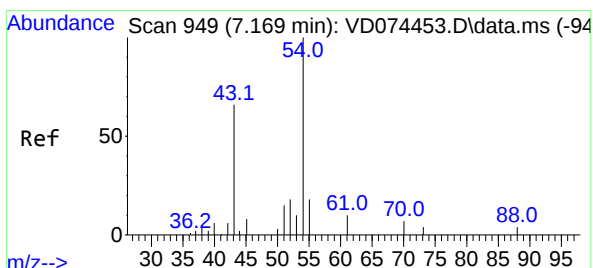
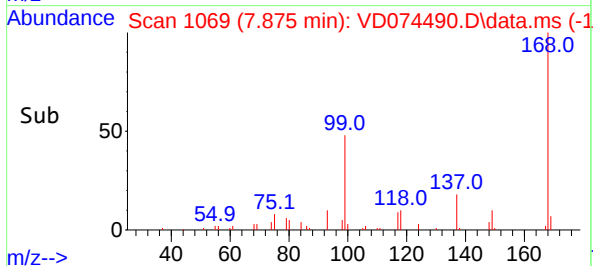
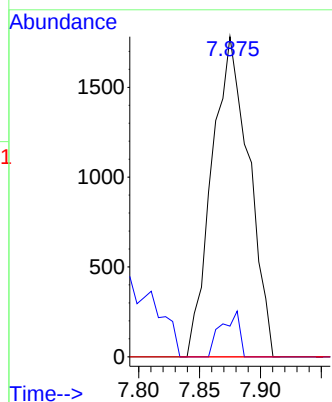
Tgt Ion: 75 Resp: 3772

Ion Ratio Lower Upper

75 100

110 7.1 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 2.016 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.100 min

Lab File: VD074490.D

Acq: 07 Oct 2022 14:56

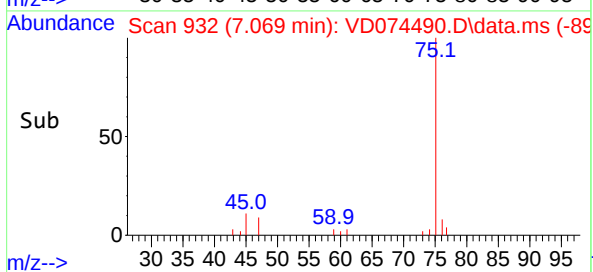
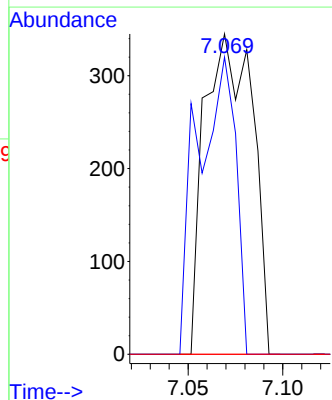
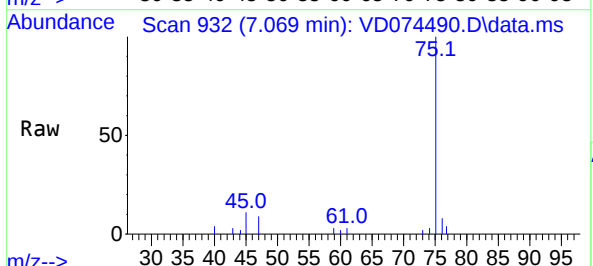
Tgt Ion: 43 Resp: 609

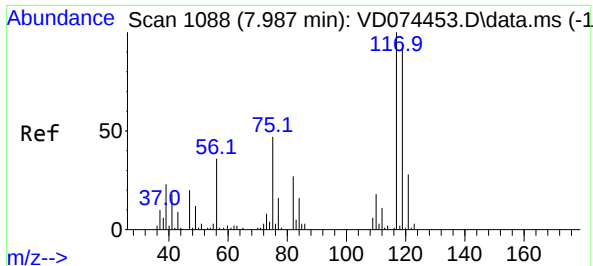
Ion Ratio Lower Upper

43 100

61 73.2 12.2 18.4#

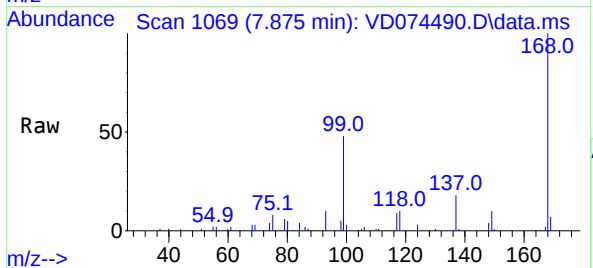
70 0.0 9.6 14.4#



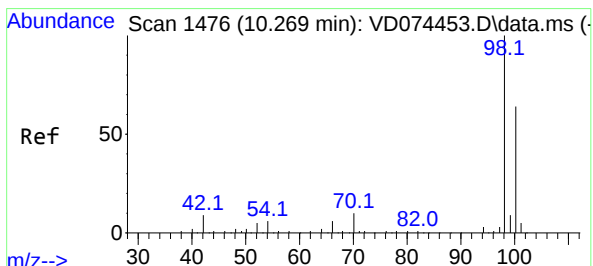
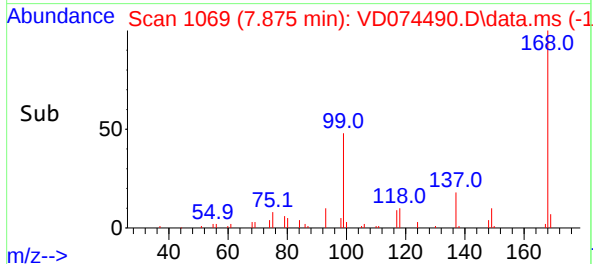
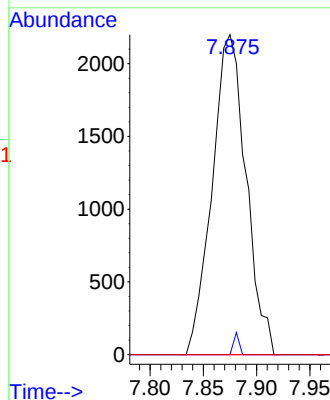


#38
Carbon Tetrachloride
Concen: 5.972 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :

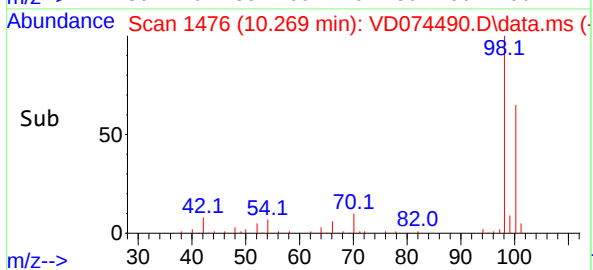
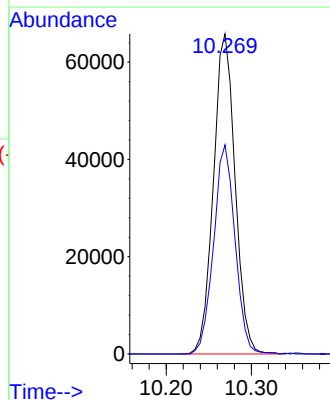
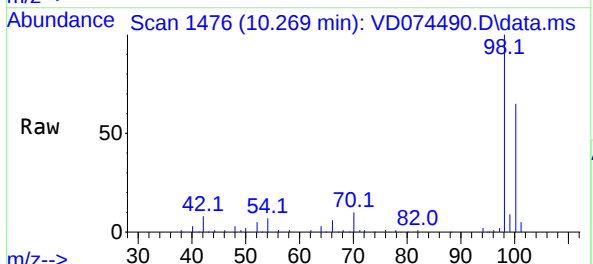


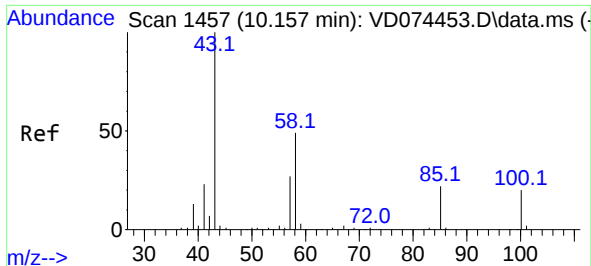
Tgt Ion:117 Resp: 4868
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 48.597 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

Tgt Ion: 98 Resp: 116200
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

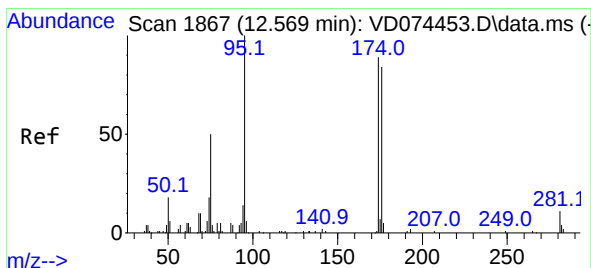
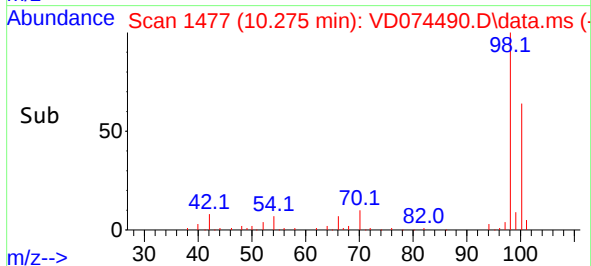
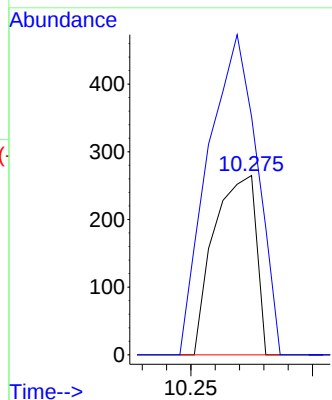
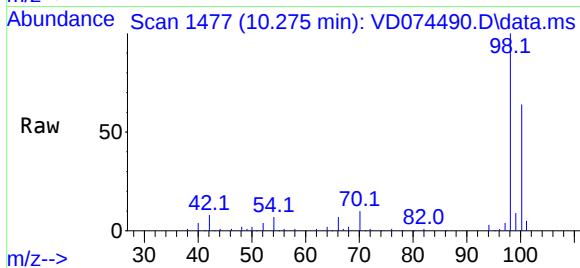




#51
4-Methyl-2-Pentanone
Concen: 1.111 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

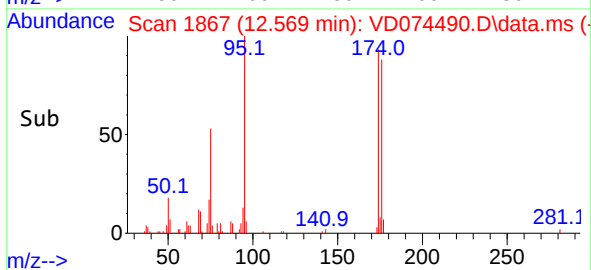
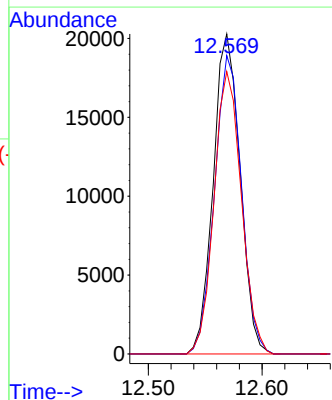
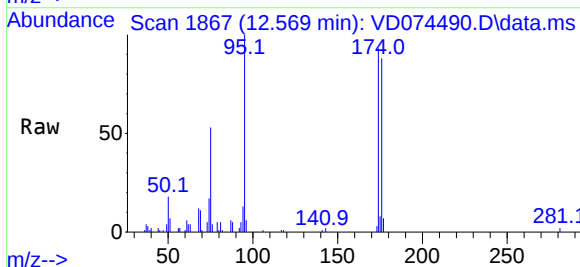
Instrument :
MSVOA_D
ClientSampleId :

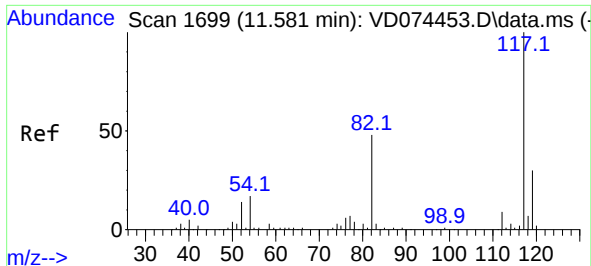
Tgt Ion: 43 Resp: 318
Ion Ratio Lower Upper
43 100
58 207.9 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 44.375 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

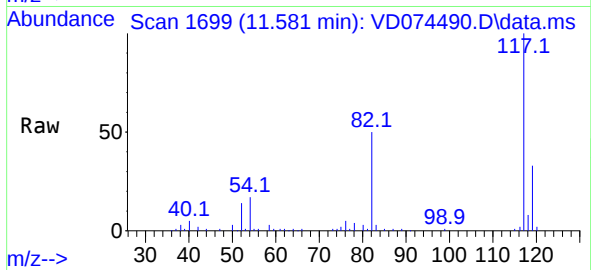
Tgt Ion: 95 Resp: 33339
Ion Ratio Lower Upper
95 100
174 93.6 0.0 197.0
176 89.9 0.0 182.6



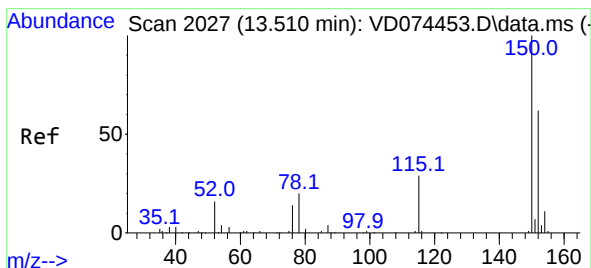
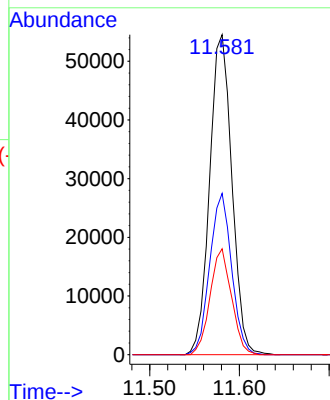
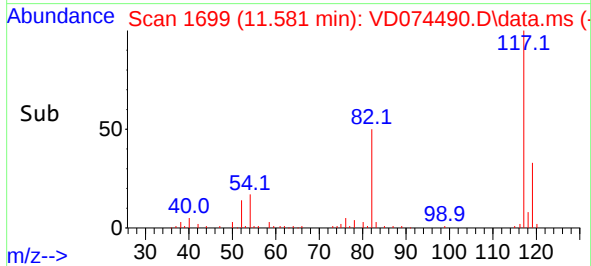


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :

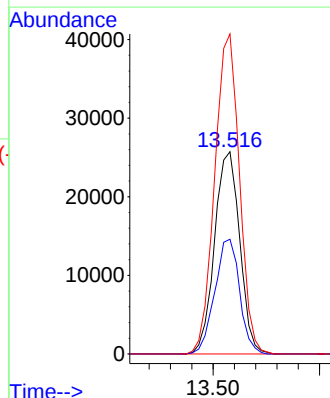
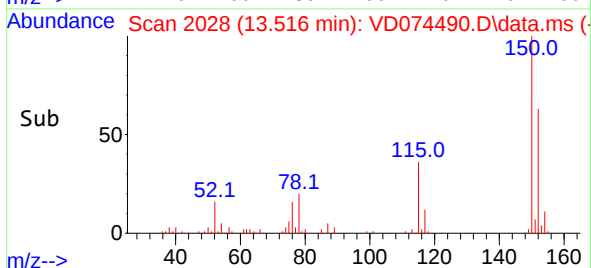
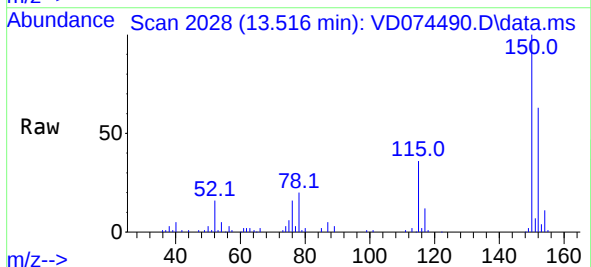


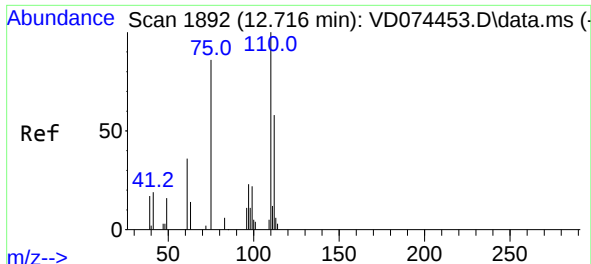
Tgt Ion:117 Resp: 93913
Ion Ratio Lower Upper
117 100
82 50.4 41.6 62.4
119 33.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

Tgt Ion:152 Resp: 42172
Ion Ratio Lower Upper
152 100
115 55.9 26.8 80.4
150 155.6 0.0 348.2

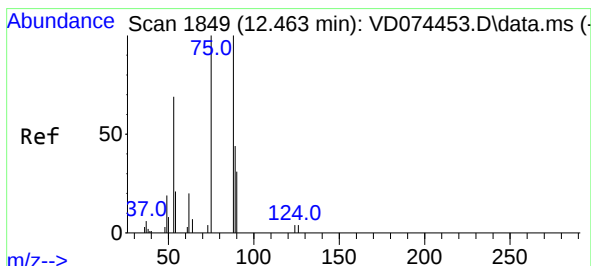
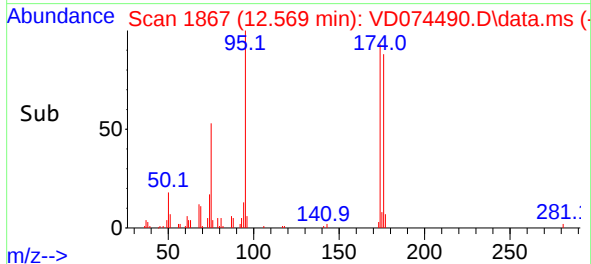
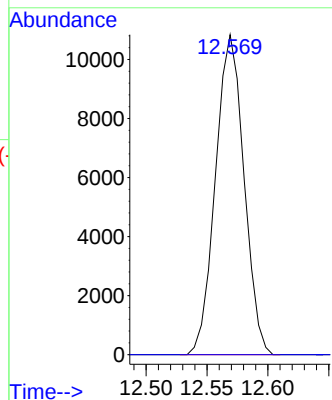
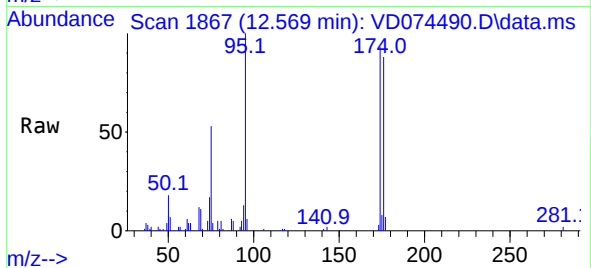




#76
1,2,3-Trichloropropane
Concen: 54.527 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 17652
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.657 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074490.D
Acq: 07 Oct 2022 14:56

Tgt Ion: 75 Resp: 17652
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

