

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071490.D
 Acq On : 27 Dec 2021 17:34
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 28 02:45:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

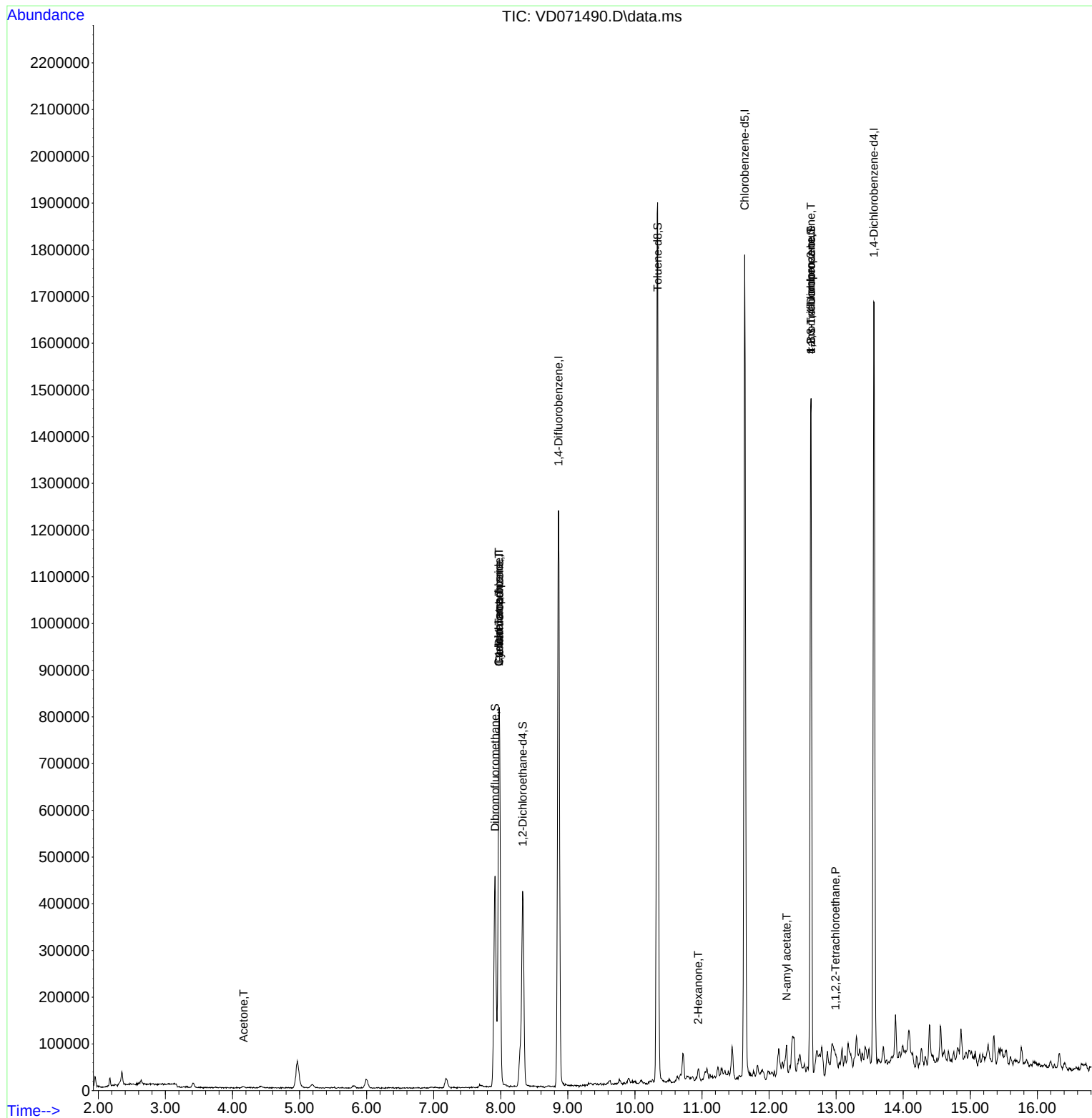
Internal Standards						
1) Pentafluorobenzene	7.979	168	579784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	995050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	907564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	413483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	327043	42.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.940%
35) Dibromofluoromethane	7.914	113	309239	46.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.480%
50) Toluene-d8	10.338	98	1239466	49.045	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.626	95	426884	47.535	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.173	59	7442	Below Cal	#	71
16) Acetone	4.167	43	4698	2.429	ug/l #	83
20) Methylene Chloride	4.973	84	39434	Below Cal		95
31) Cyclohexane	7.973	56	17112	1.308	ug/l #	51
36) 1,1-Dichloropropene	7.973	75	53004	4.961	ug/l #	49
38) Carbon Tetrachloride	7.973	117	62894	5.967	ug/l #	18
59) 2-Hexanone	10.943	43	10211	2.805	ug/l #	25
74) N-amyl acetate	12.261	43	17506	2.047	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.990	83	8300	1.440	ug/l	77
76) 1,2,3-Trichloropropane	12.626	75	241382	49.132	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	241382	138.824	ug/l #	18

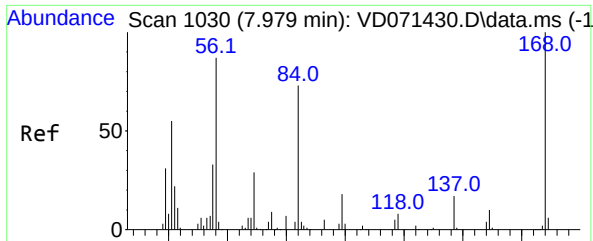
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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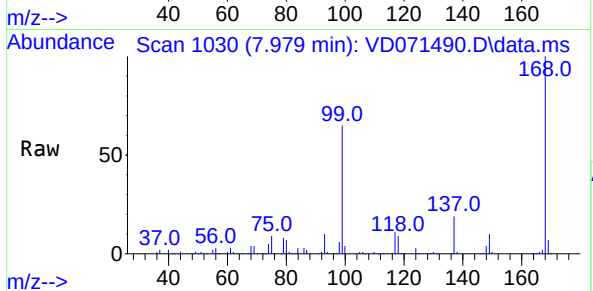
Quant Time: Dec 28 02:45:26 2021
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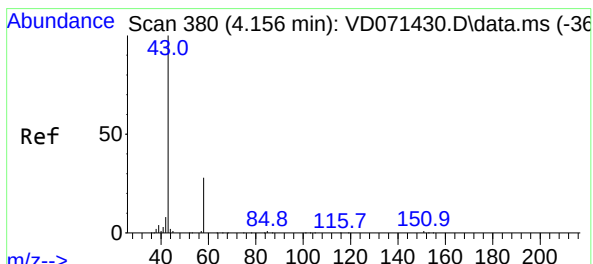
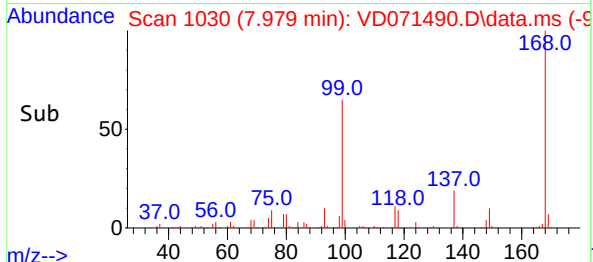
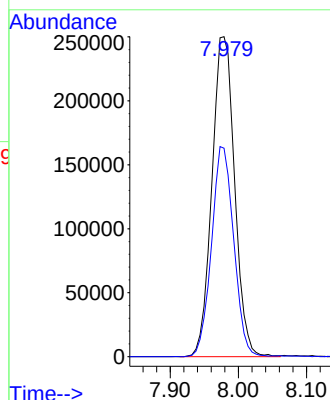


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

Instrument :
MSVOA_D
ClientSampleId :

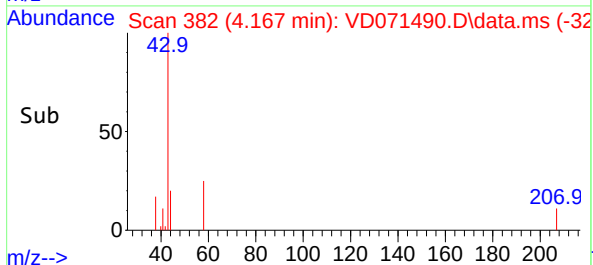
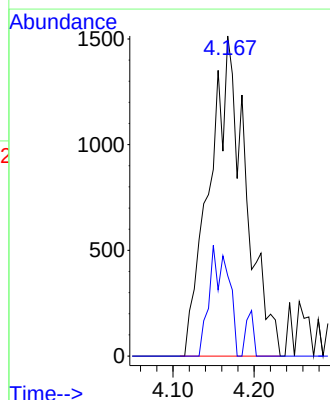
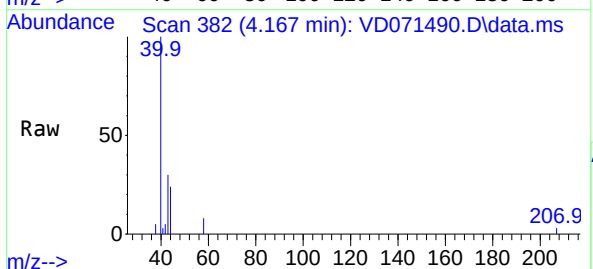


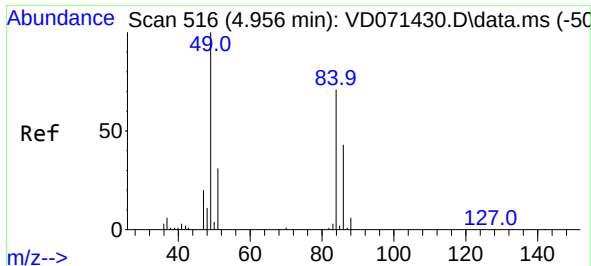
Tgt Ion:168 Resp: 579784
Ion Ratio Lower Upper
168 100
99 65.1 46.6 69.8



#16
Acetone
Concen: 2.429 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

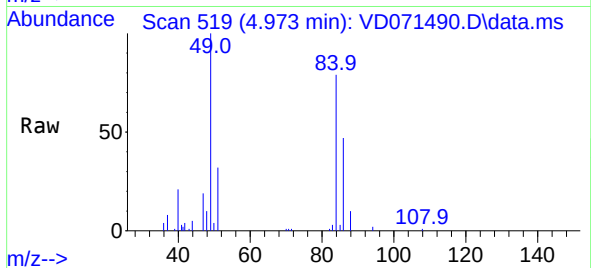
Tgt Ion: 43 Resp: 4698
Ion Ratio Lower Upper
43 100
58 25.1 27.8 41.8#





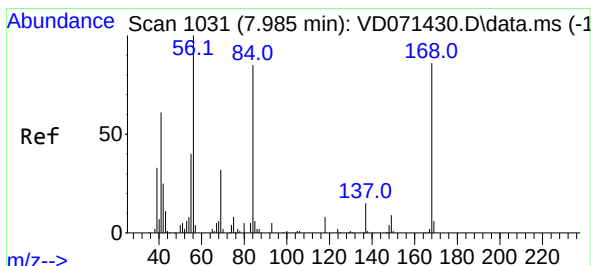
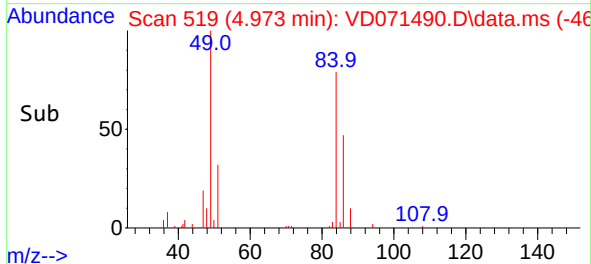
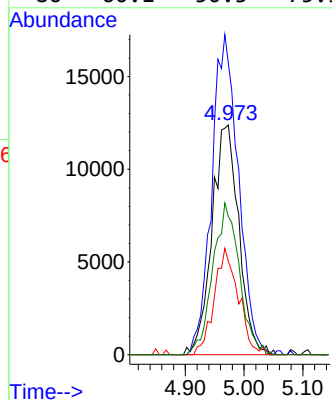
#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 39434

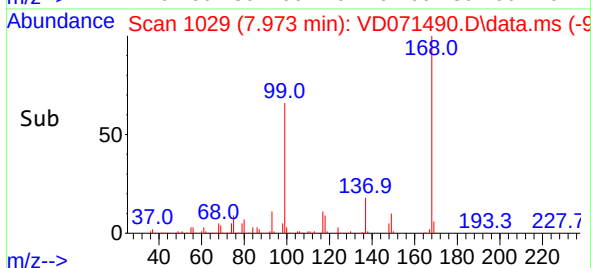
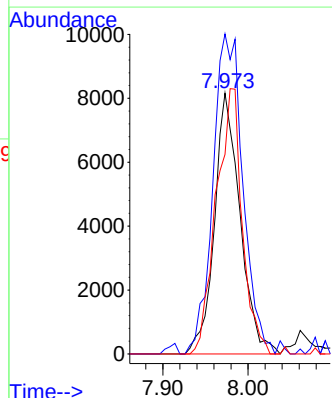
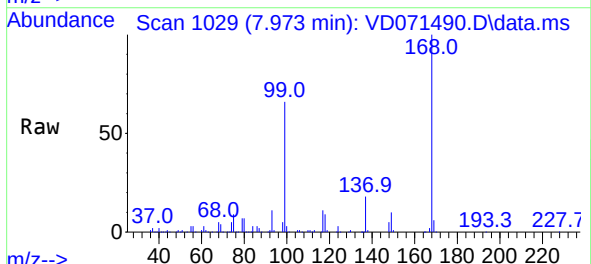
Ion	Ratio	Lower	Upper
84	100		
49	126.8	95.8	143.6
51	40.7	30.9	46.3
86	60.1	50.3	75.5

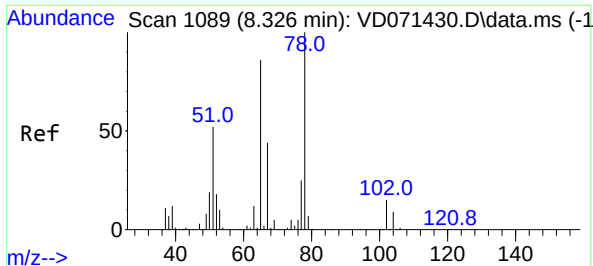


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

Tgt Ion: 56 Resp: 17112

Ion	Ratio	Lower	Upper
56	100		
69	122.7	25.9	38.9#
84	76.5	64.3	96.5





#33

1,2-Dichloroethane-d4

Concen: 42.473 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071490.D

Acq: 27 Dec 2021 17:34

Instrument :

MSVOA_D

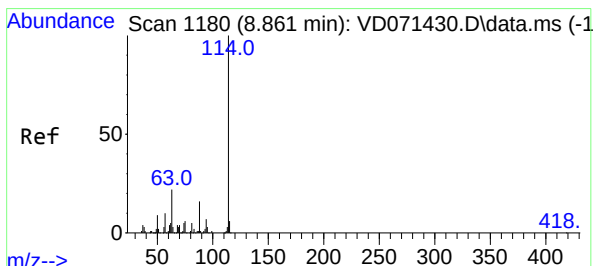
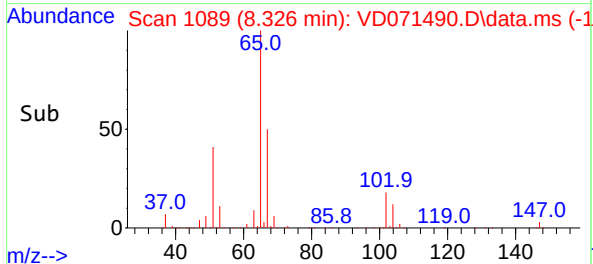
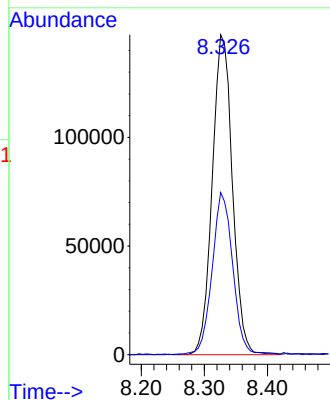
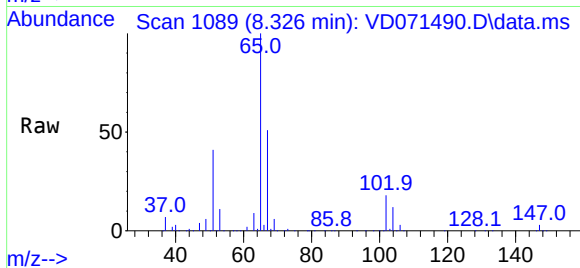
ClientSampleId :

Tgt Ion: 65 Resp: 327043

Ion Ratio Lower Upper

65 100

67 51.8 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071490.D

Acq: 27 Dec 2021 17:34

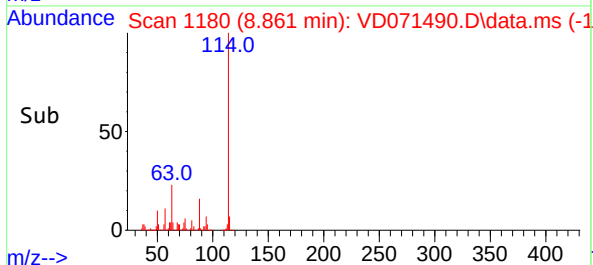
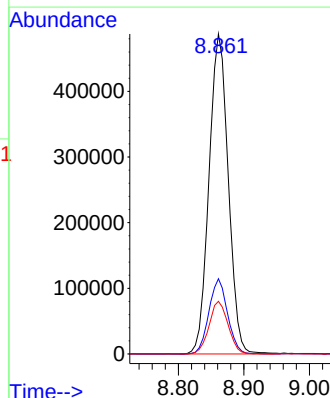
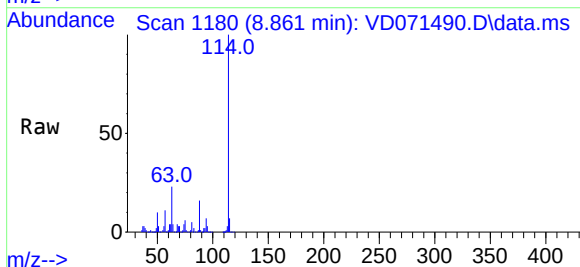
Tgt Ion:114 Resp: 995050

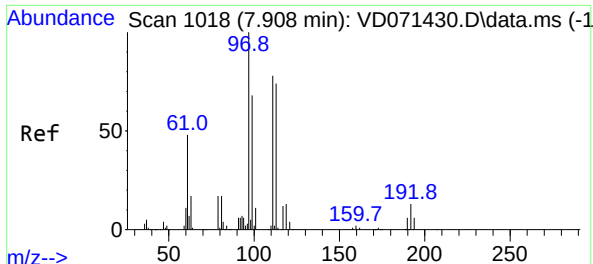
Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.8

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.241 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD071490.D

Acq: 27 Dec 2021 17:34

Instrument :

MSVOA_D

ClientSampleId :

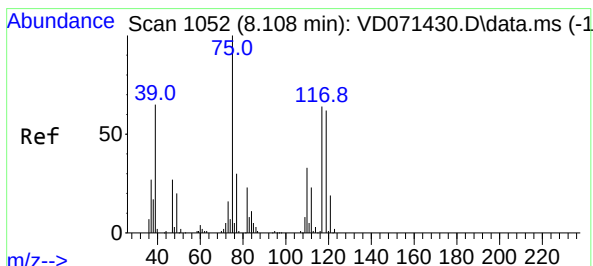
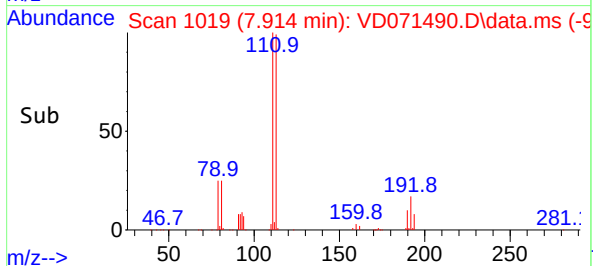
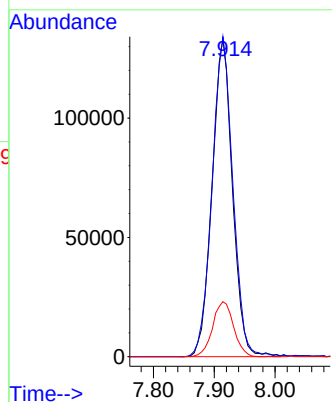
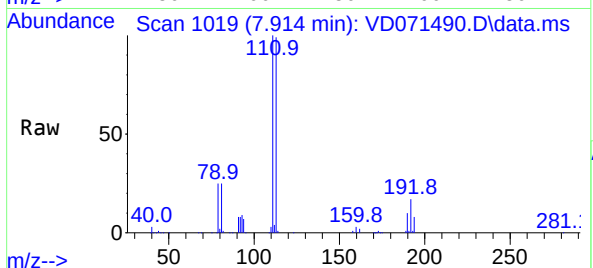
Tgt Ion:113 Resp: 309239

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

192 17.8 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.961 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD071490.D

Acq: 27 Dec 2021 17:34

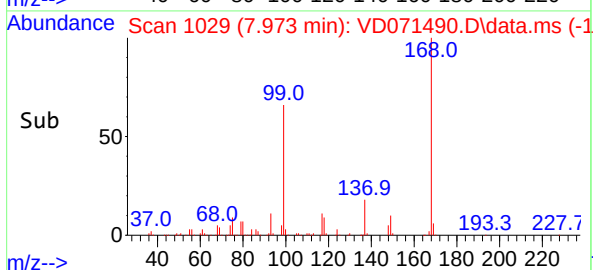
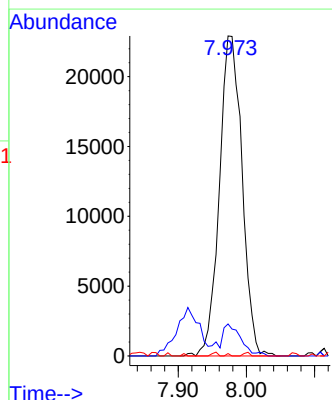
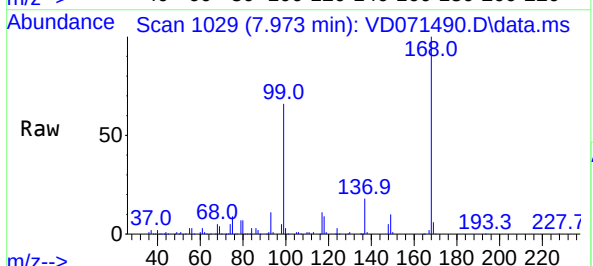
Tgt Ion: 75 Resp: 53004

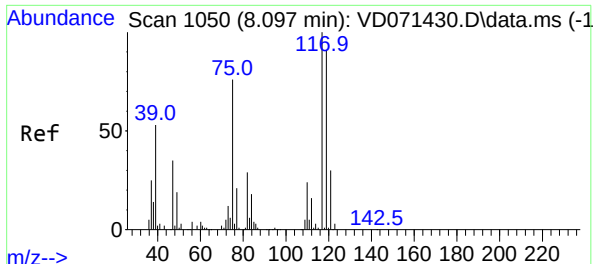
Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.4#

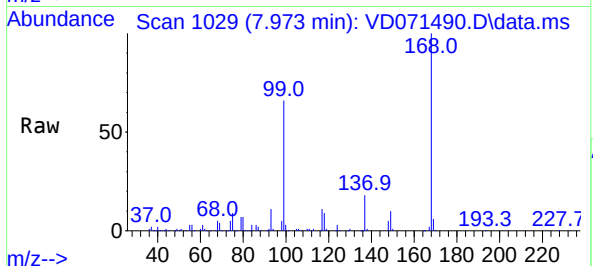
77 0.1 24.8 37.2#



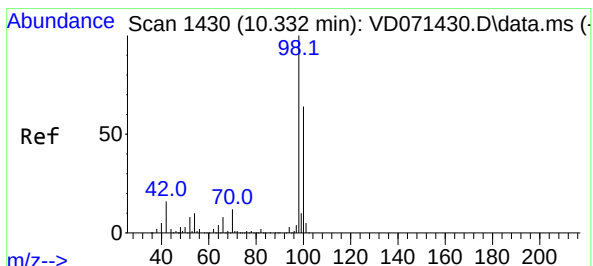
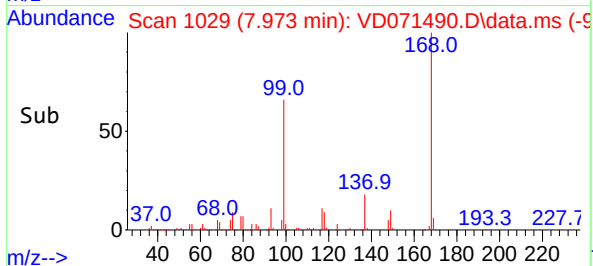
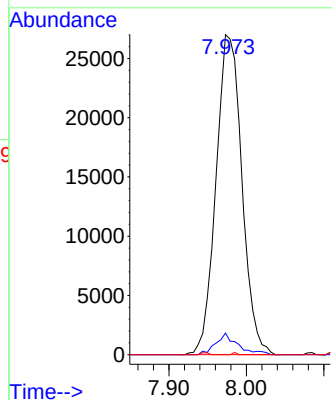


#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

Instrument :
MSVOA_D
ClientSampleId :

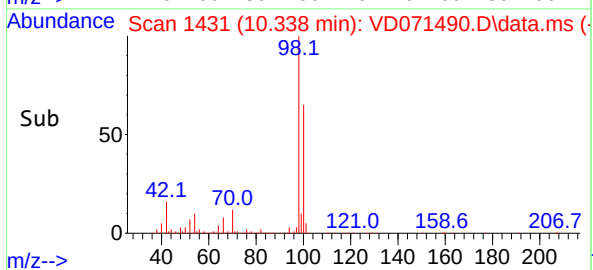
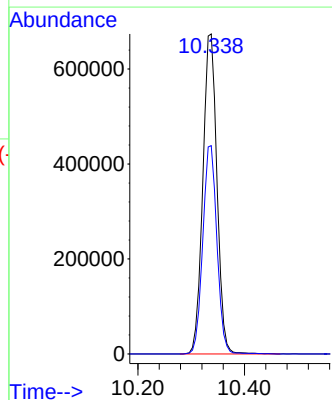
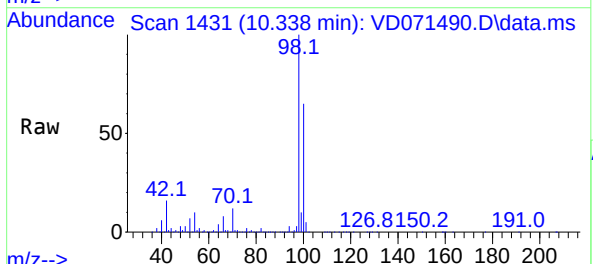


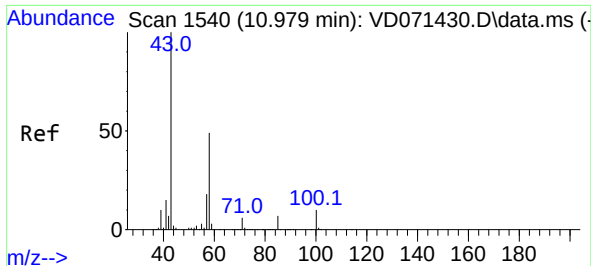
Tgt Ion:117 Resp: 62894
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.045 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

Tgt Ion: 98 Resp: 1239466
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

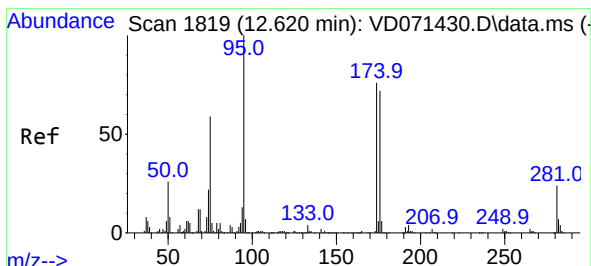
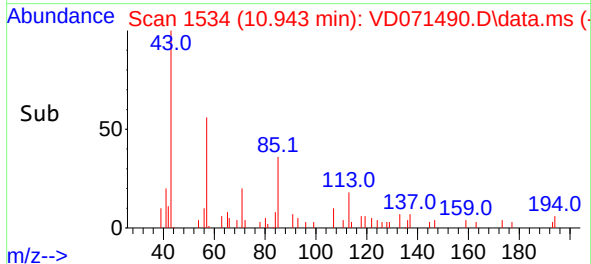
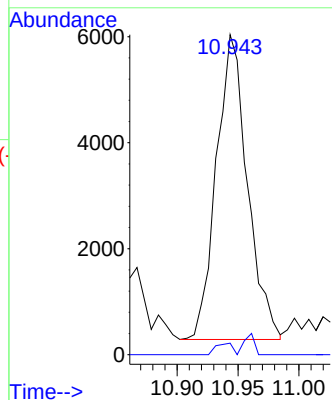
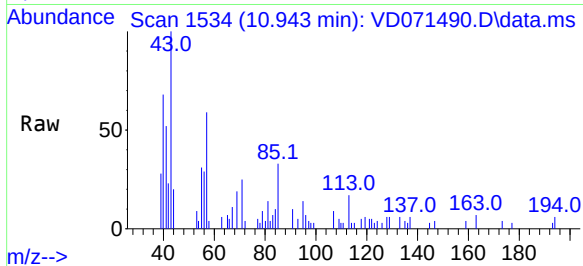




#59
2-Hexanone
Concen: 2.805 ug/l
RT: 10.943 min Scan# 11
Delta R.T. -0.036 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

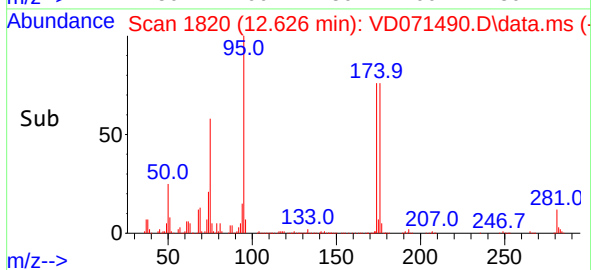
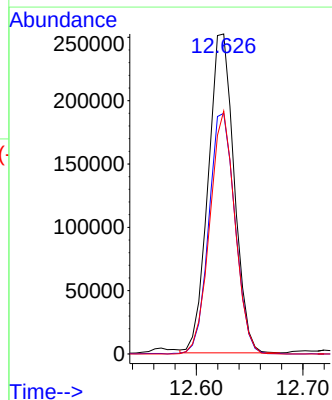
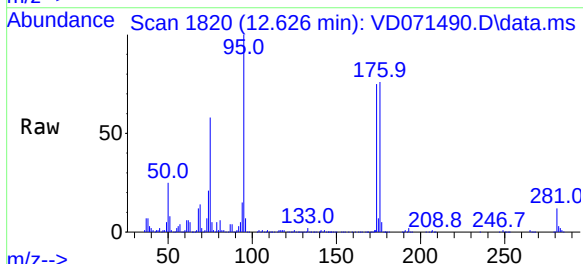
Instrument :
MSVOA_D
ClientSampleId :

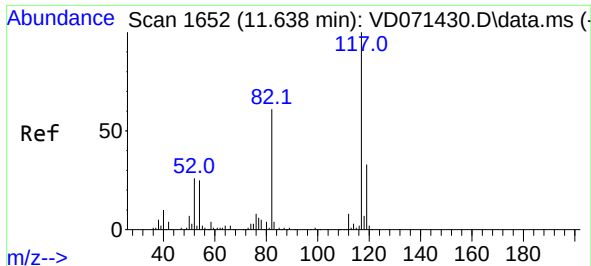
Tgt Ion: 43 Resp: 10211
Ion Ratio Lower Upper
43 100
58 2.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 47.535 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

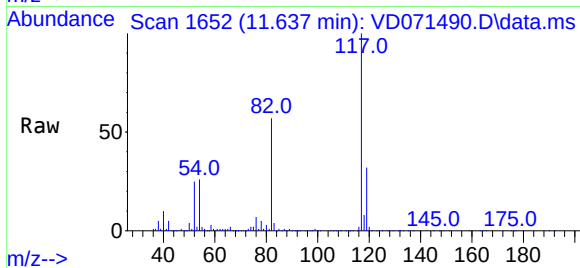
Tgt Ion: 95 Resp: 426884
Ion Ratio Lower Upper
95 100
174 76.1 0.0 159.4
176 73.6 0.0 154.0



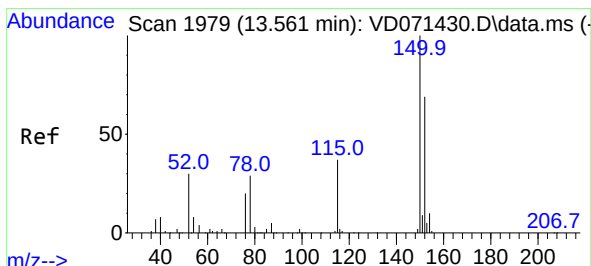
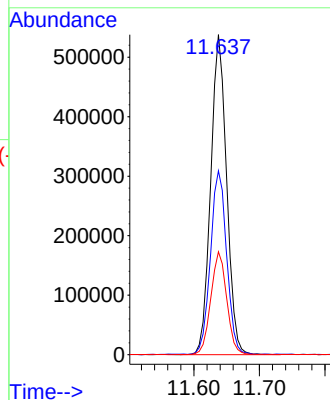
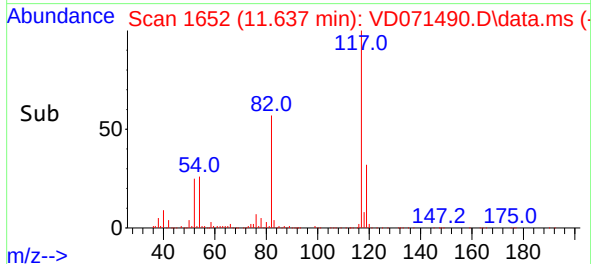


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

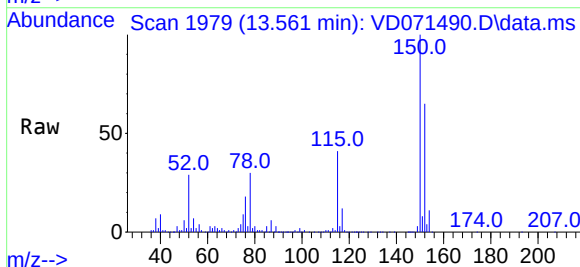
Instrument :
MSVOA_D
ClientSampleId :



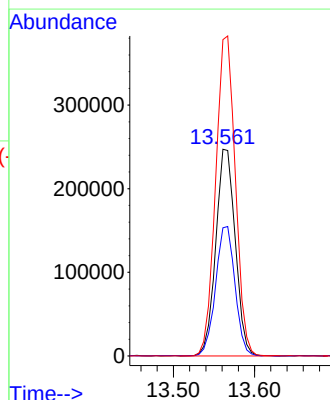
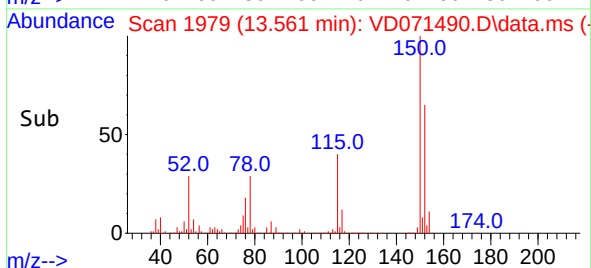
Tgt Ion:117 Resp: 907564
Ion Ratio Lower Upper
117 100
82 57.3 44.7 67.1
119 32.1 26.2 39.4

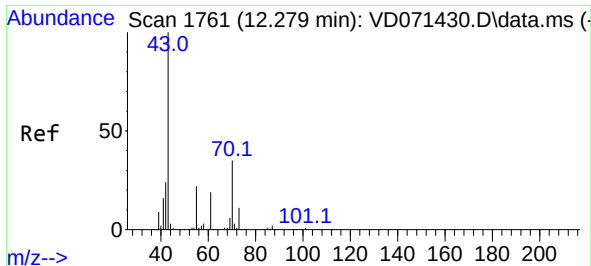


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34



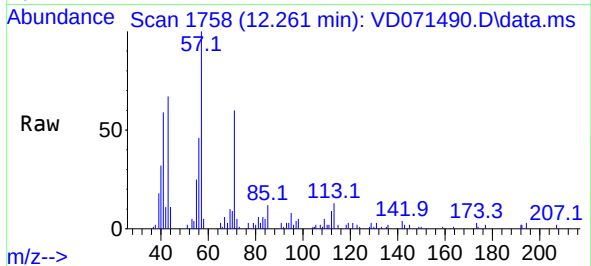
Tgt Ion:152 Resp: 413483
Ion Ratio Lower Upper
152 100
115 62.5 29.8 89.3
150 156.2 0.0 349.2





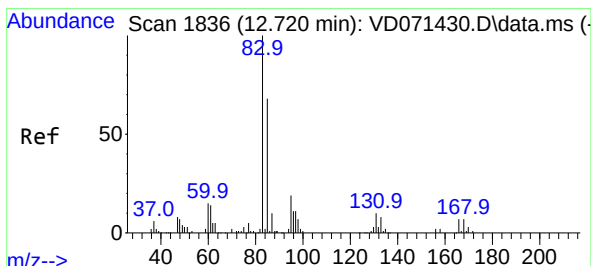
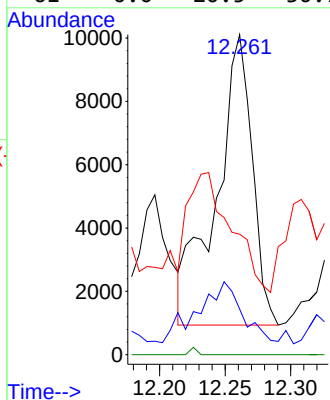
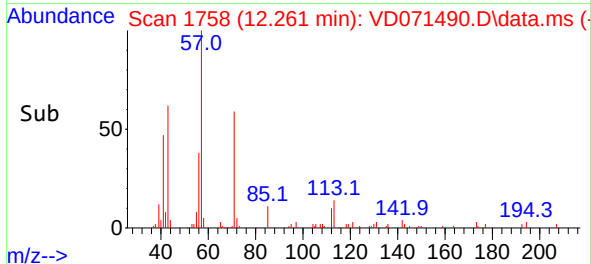
#74
N-amy1 acetate
Concen: 2.047 ug/l
RT: 12.261 min Scan# 1
Delta R.T. -0.018 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 17506

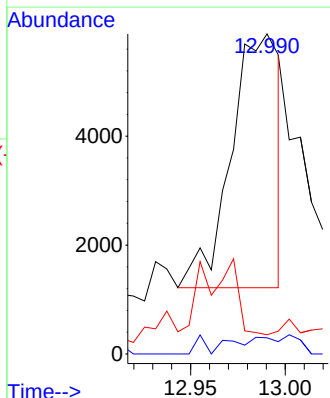
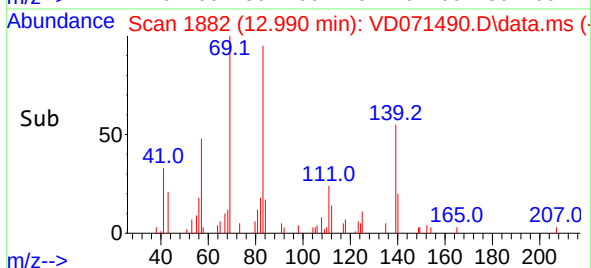
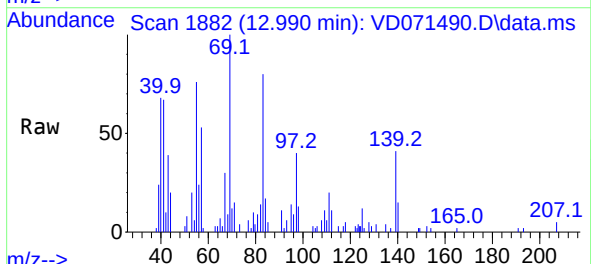
Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.6	55.0#
55	0.0	22.5	33.7#
61	0.0	20.5	30.7#

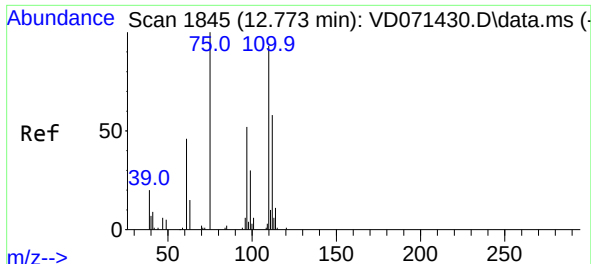


#75
1,1,2,2-Tetrachloroethane
Concen: 1.440 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.270 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

Tgt Ion: 83 Resp: 8300

Ion	Ratio	Lower	Upper
83	100		
131	6.3	4.9	14.7
85	44.5	32.0	96.2

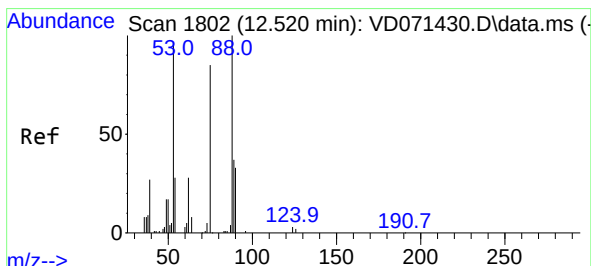
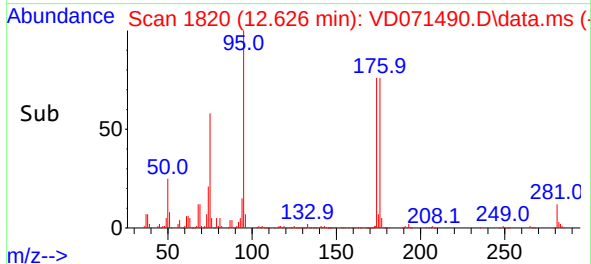
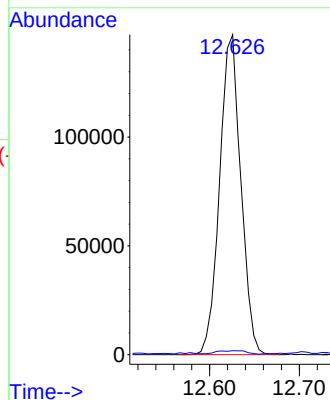
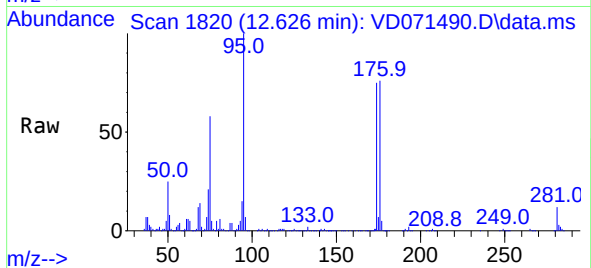




#76
1,2,3-Trichloropropane
Concen: 49.132 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 241382
Ion Ratio Lower Upper
75 100
77 1.5 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.824 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071490.D
Acq: 27 Dec 2021 17:34

Tgt Ion: 75 Resp: 241382
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.1 34.5 51.7#

