

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071444.D
 Acq On : 23 Dec 2021 15:49
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Dec 24 03:31:21 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)

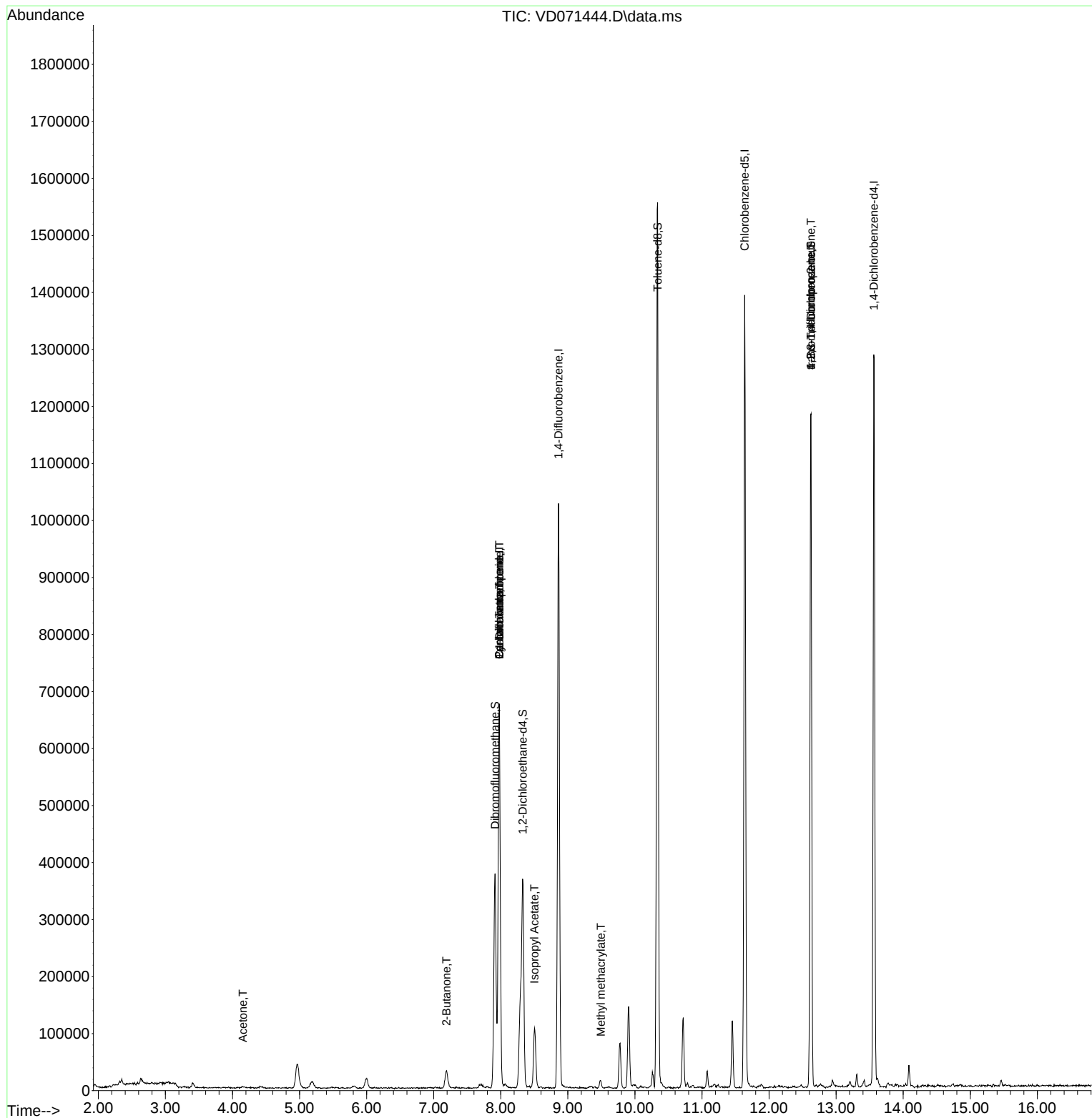
Internal Standards						
1) Pentafluorobenzene	7.979	168	461447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	822581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	723378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	317156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	276471	45.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.220%
35) Dibromofluoromethane	7.914	113	257668	46.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.220%
50) Toluene-d8	10.338	98	1025942	49.107	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.626	95	326667	44.002	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	11307	Below Cal	#	71
16) Acetone	4.156	43	2692	1.749	ug/l #	60
20) Methylene Chloride	4.967	84	29200	Below Cal		92
25) 2-Butanone	7.191	43	2111	1.148	ug/l #	45
31) Cyclohexane	7.979	56	13830	1.328	ug/l #	36
36) 1,1-Dichloropropene	7.979	75	41684	4.719	ug/l #	49
38) Carbon Tetrachloride	7.979	117	50671	5.815	ug/l #	16
43) Isopropyl Acetate	8.502	43	23683	2.927	ug/l #	47
48) Methyl methacrylate	9.491	41	4650	1.161	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	188455	50.009	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	188455	141.303	ug/l #	18

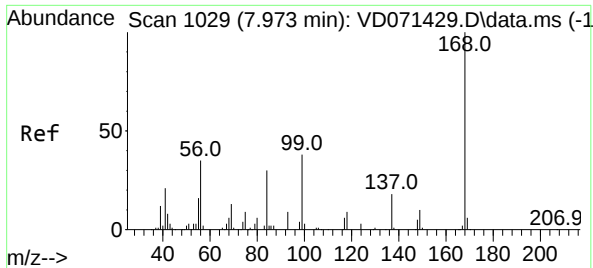
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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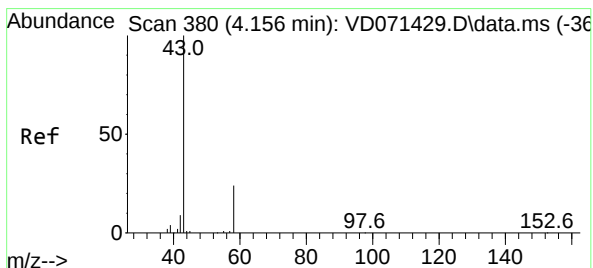
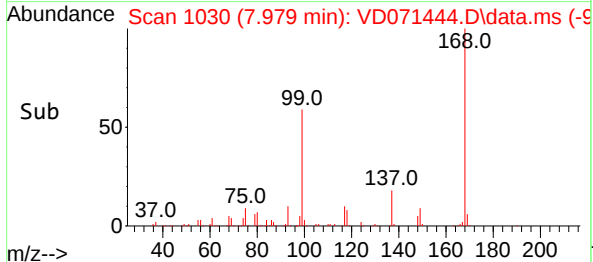
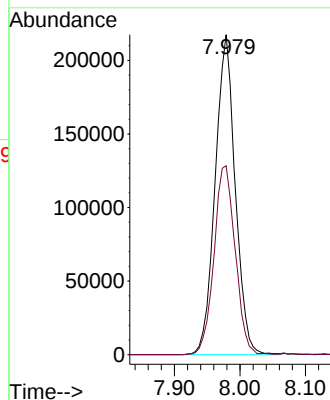
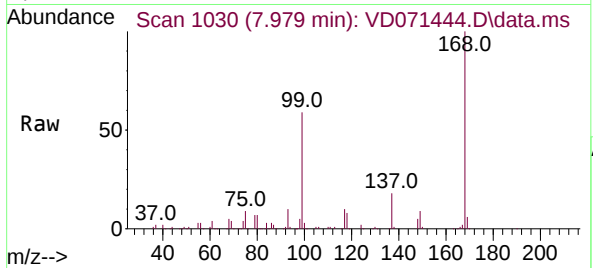




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD071444.D
Acq: 23 Dec 2021 15:49

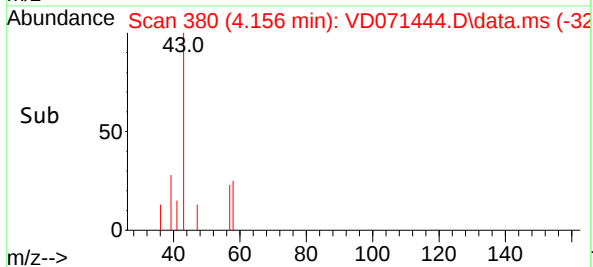
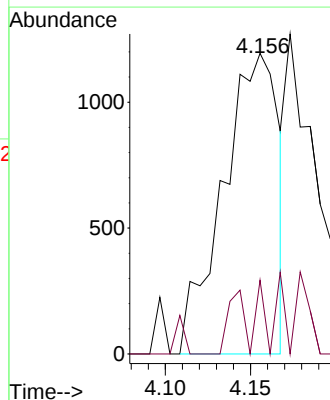
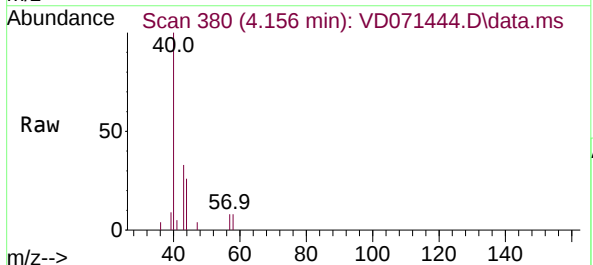
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

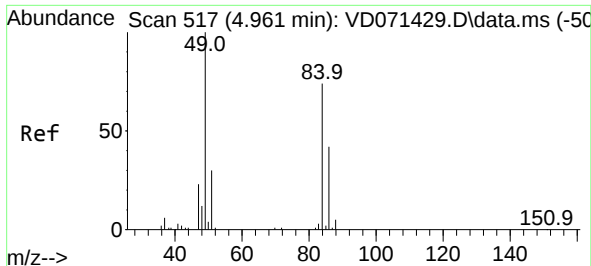
Tgt Ion:168 Resp: 461447
Ion Ratio Lower Upper
168 100
99 59.1 46.6 69.8



#16
Acetone
Concen: 1.749 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071444.D
Acq: 23 Dec 2021 15:49

Tgt Ion: 43 Resp: 2692
Ion Ratio Lower Upper
43 100
58 11.7 27.8 41.8#

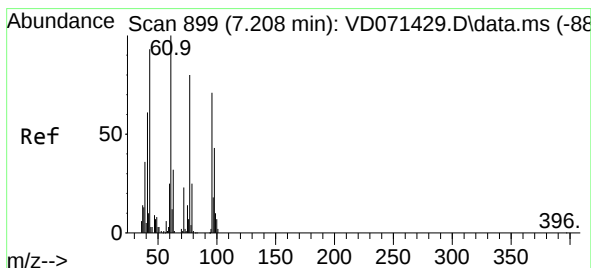
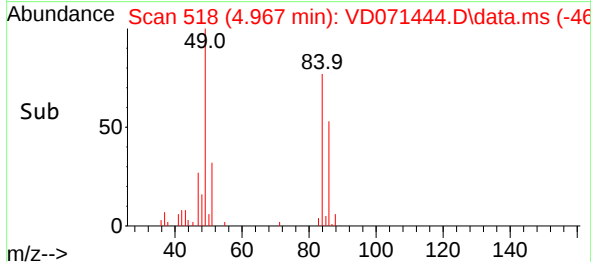
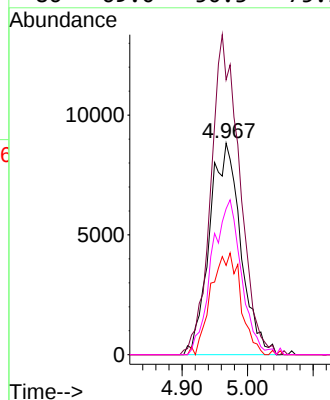
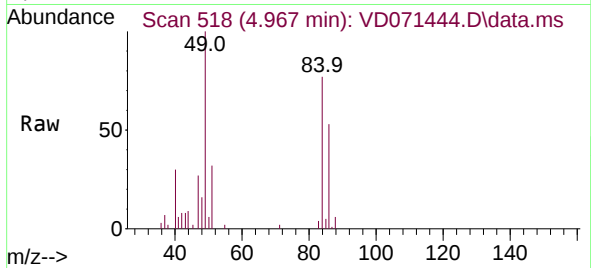




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD071444.D
Acq: 23 Dec 2021 15:49

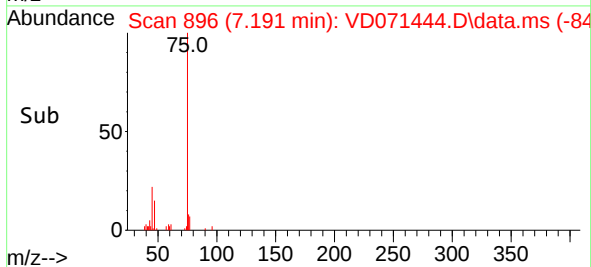
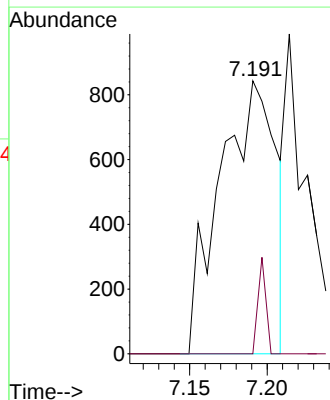
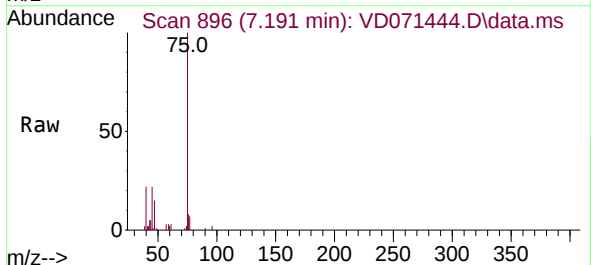
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

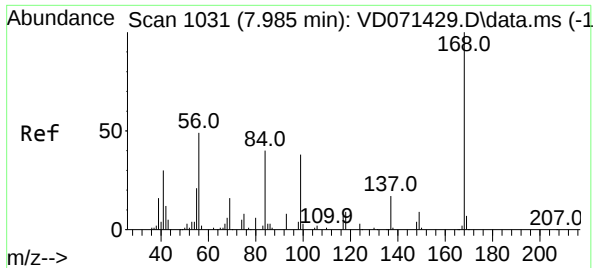
Tgt Ion:	84	Resp:	29200
Ion	Ratio	Lower	Upper
84	100		
49	130.0	95.8	143.6
51	42.2	30.9	46.3
86	69.0	50.3	75.5



#25
2-Butanone
Concen: 1.148 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.017 min
Lab File: VD071444.D
Acq: 23 Dec 2021 15:49

Tgt Ion:	43	Resp:	2111
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.8	35.6#

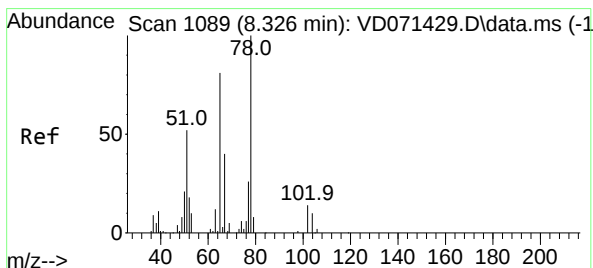
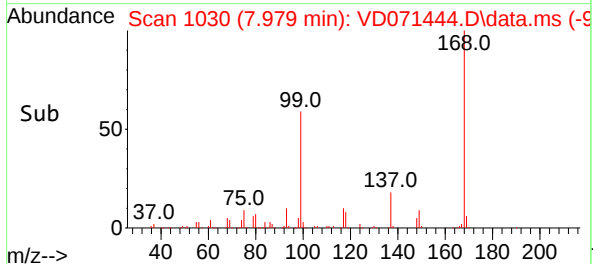
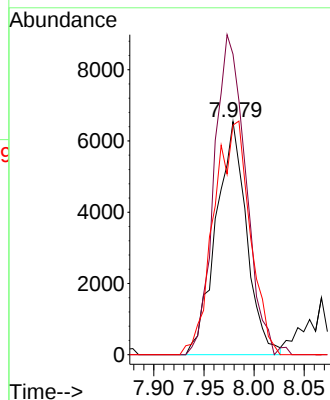
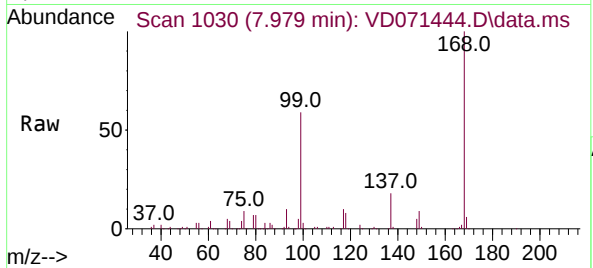




#31
Cyclohexane
Concen: 1.328 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071444.D
Acq: 23 Dec 2021 15:49

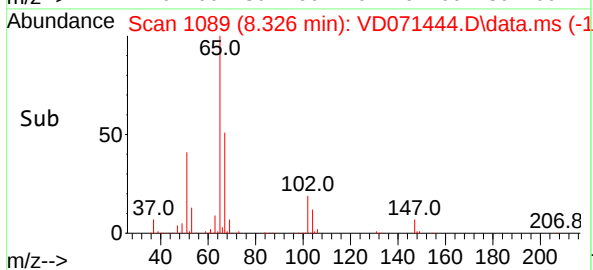
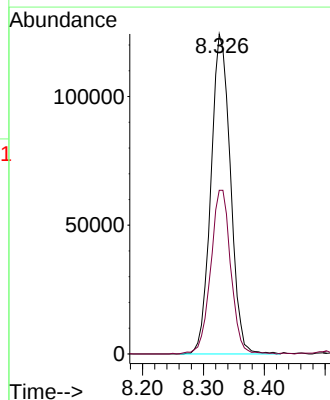
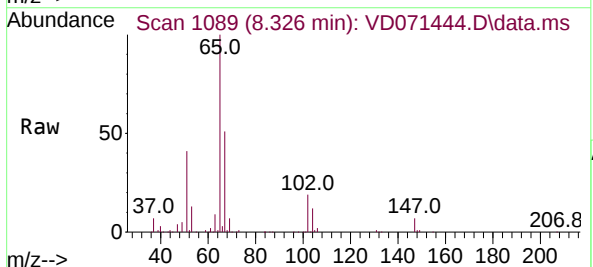
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

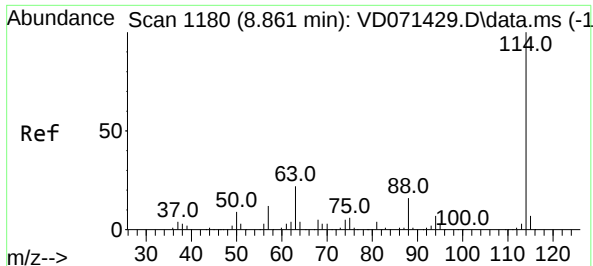
Tgt Ion: 56 Resp: 13830
Ion Ratio Lower Upper
56 100
69 128.9 25.9 38.9#
84 98.5 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 45.113 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071444.D
Acq: 23 Dec 2021 15:49

Tgt Ion: 65 Resp: 276471
Ion Ratio Lower Upper
65 100
67 52.6 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: VD071444.D

Acq: 23 Dec 2021 15:49

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

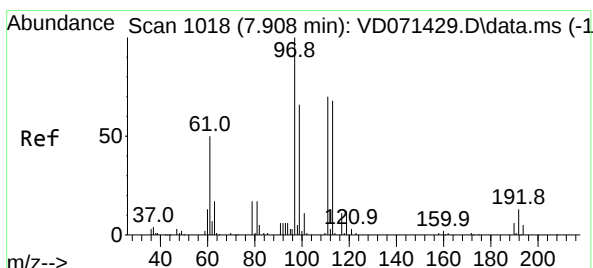
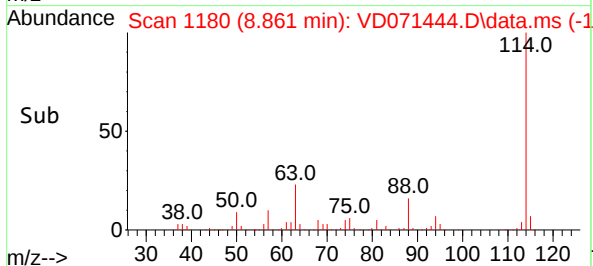
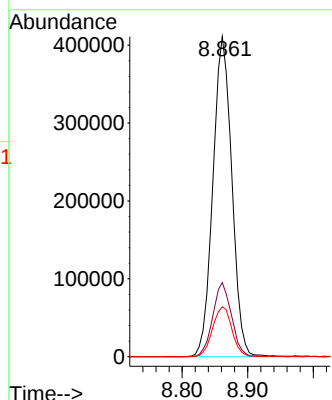
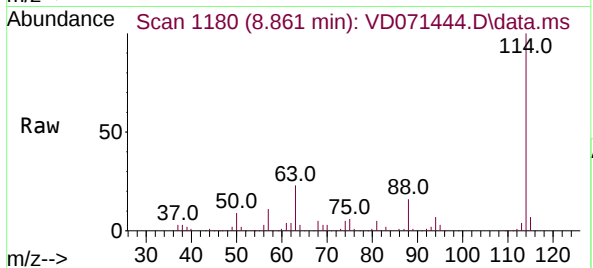
Tgt Ion:114 Resp: 822581

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 15.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.608 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071444.D

Acq: 23 Dec 2021 15:49

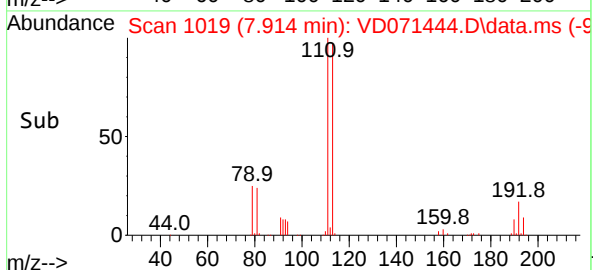
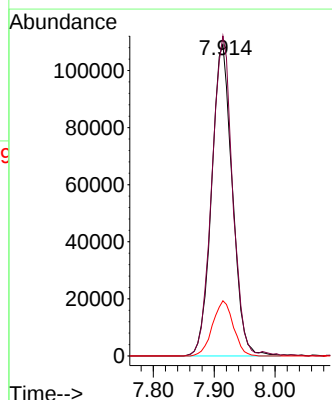
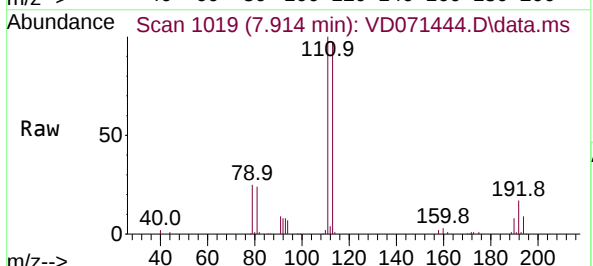
Tgt Ion:113 Resp: 257668

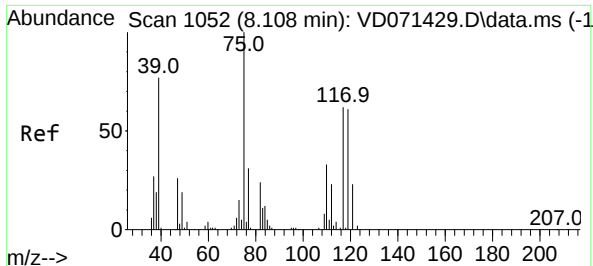
Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

192 17.8 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.719 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071444.D

Acq: 23 Dec 2021 15:49

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

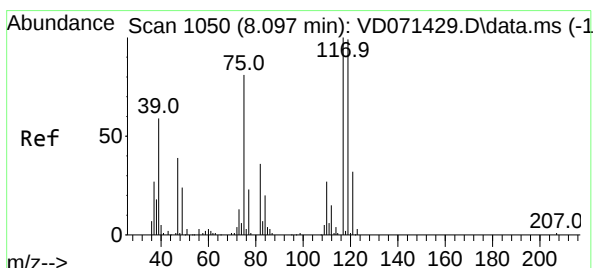
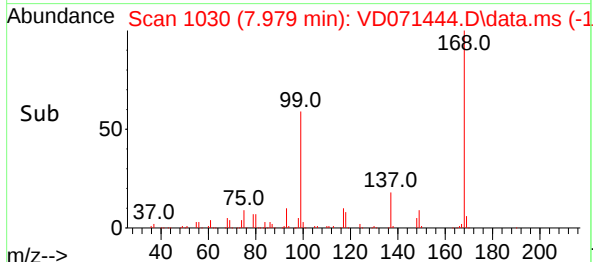
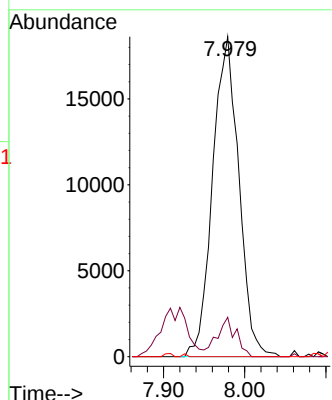
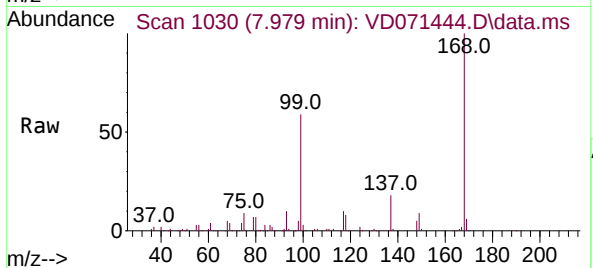
Tgt Ion: 75 Resp: 41684

Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.4#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.815 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071444.D

Acq: 23 Dec 2021 15:49

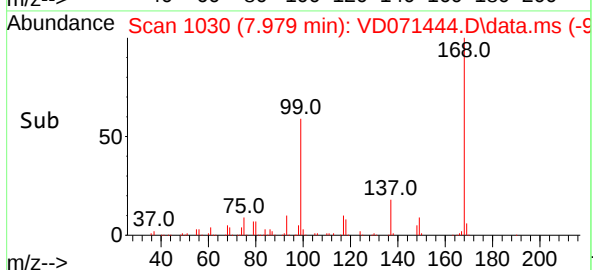
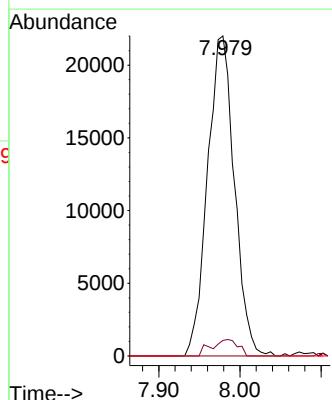
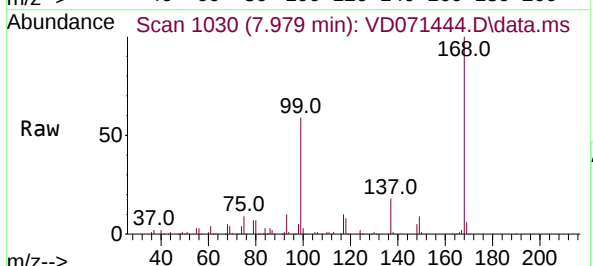
Tgt Ion: 117 Resp: 50671

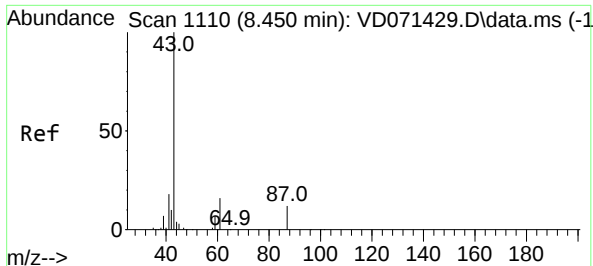
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 23.6 35.4#





#43

Isopropyl Acetate

Concen: 2.927 ug/l

RT: 8.502 min Scan# 1119

Delta R.T. 0.052 min

Lab File: VD071444.D

Acq: 23 Dec 2021 15:49

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

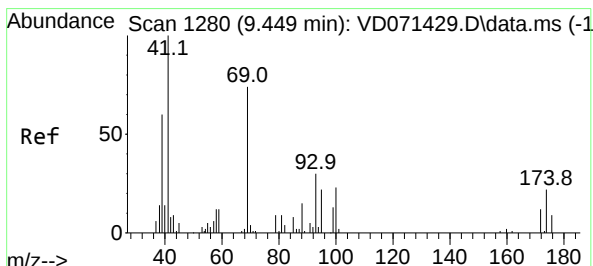
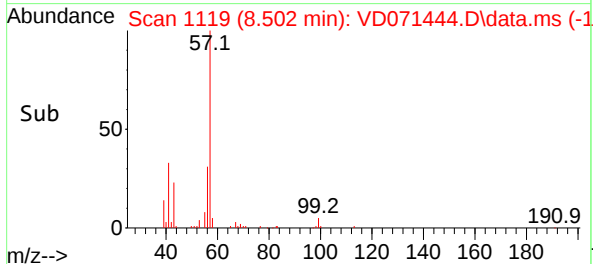
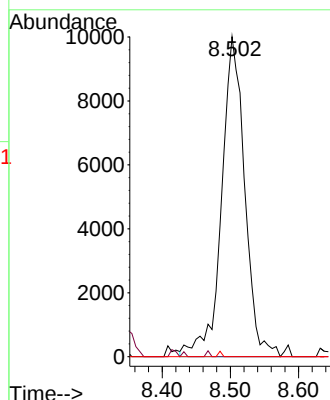
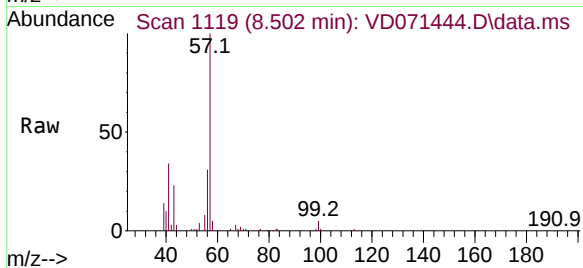
Tgt Ion: 43 Resp: 23683

Ion Ratio Lower Upper

43 100

61 0.0 28.2 42.4#

87 0.0 10.7 16.1#



#48

Methyl methacrylate

Concen: 1.161 ug/l

RT: 9.491 min Scan# 1287

Delta R.T. 0.042 min

Lab File: VD071444.D

Acq: 23 Dec 2021 15:49

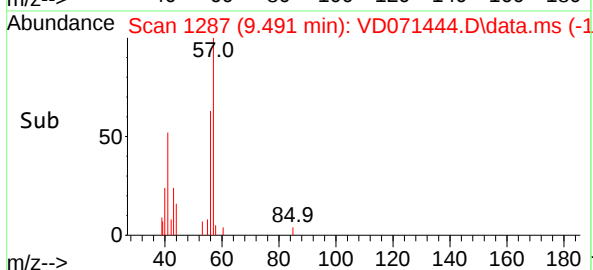
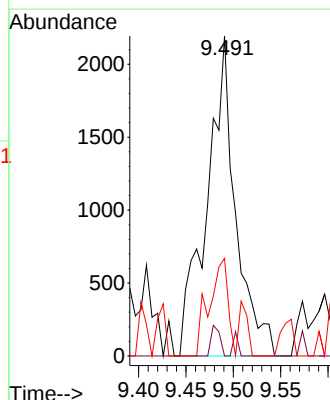
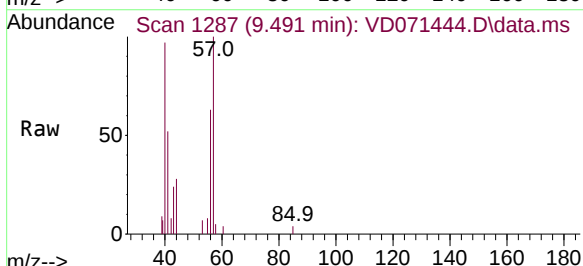
Tgt Ion: 41 Resp: 4650

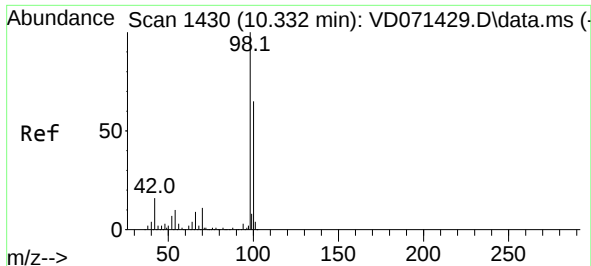
Ion Ratio Lower Upper

41 100

69 2.8 69.8 104.6#

39 19.8 35.6 53.4#

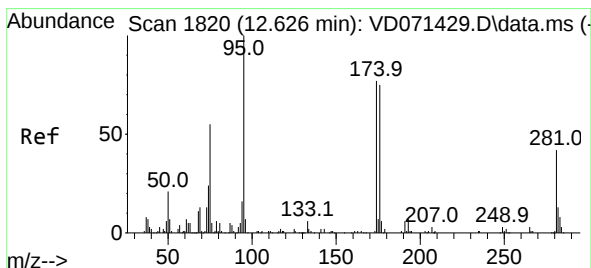
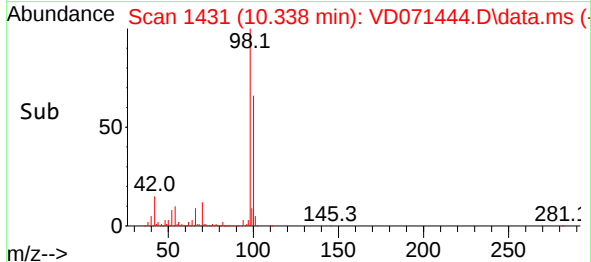
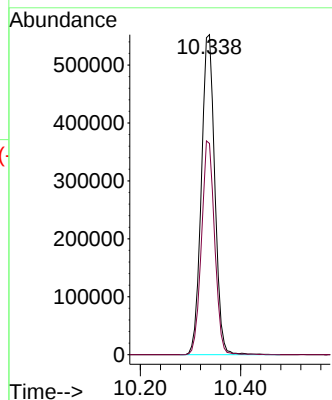
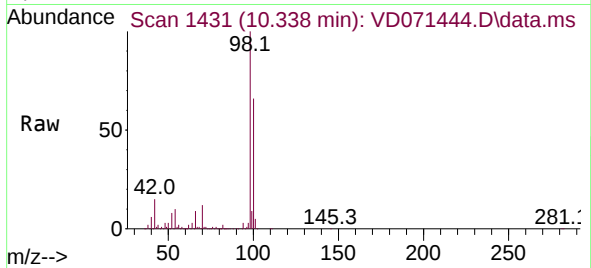




#50
Toluene-d8
Concen: 49.107 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071444.D
Acq: 23 Dec 2021 15:49

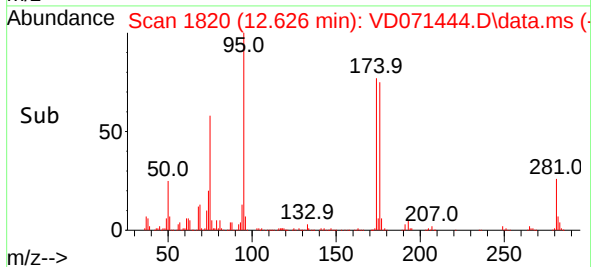
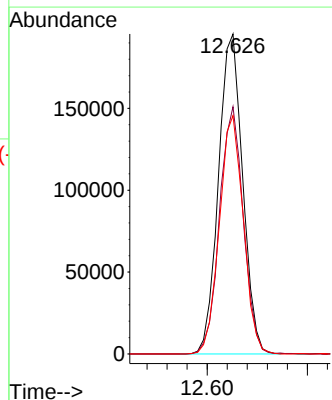
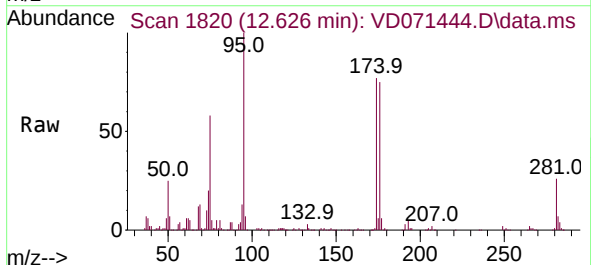
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MSVOA_D
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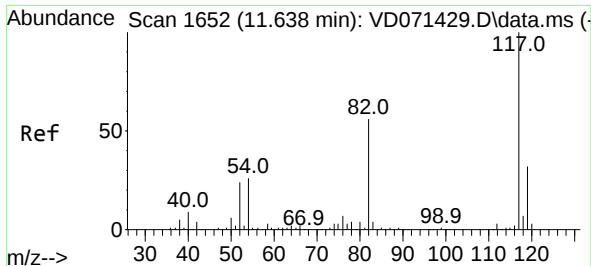
Tgt Ion: 98 Resp: 1025942
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.002 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071444.D
Acq: 23 Dec 2021 15:49

Tgt Ion: 95 Resp: 326667
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 73.8 0.0 154.0

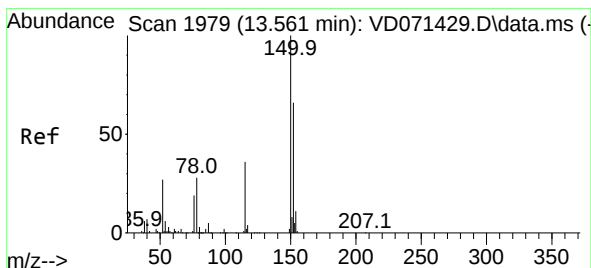
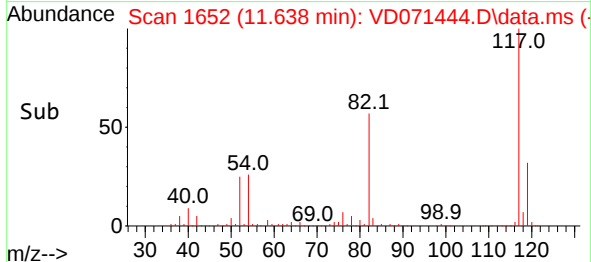
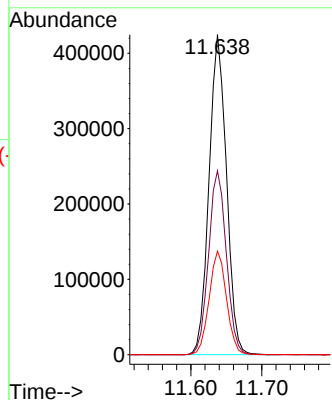
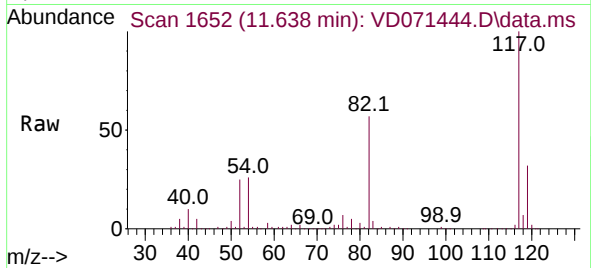




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071444.D
Acq: 23 Dec 2021 15:49

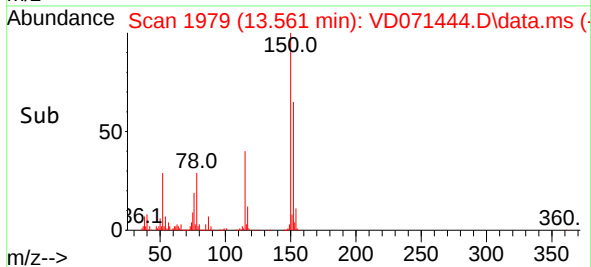
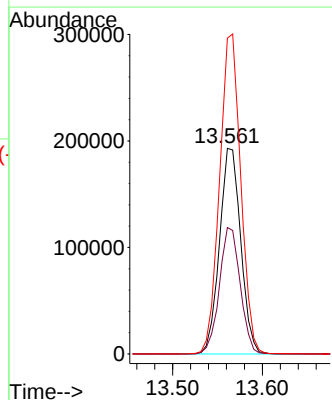
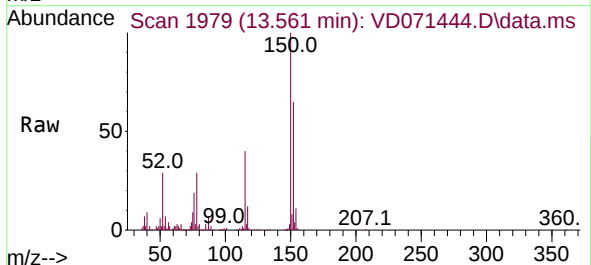
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

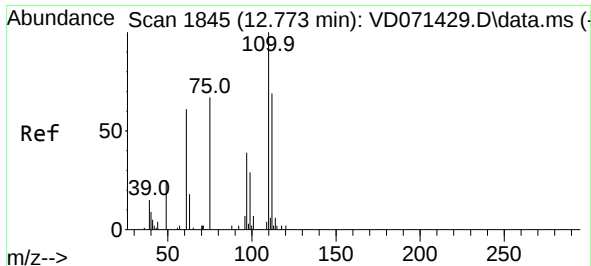
Tgt Ion:117 Resp: 723378
Ion Ratio Lower Upper
117 100
82 57.4 44.7 67.1
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD071444.D
Acq: 23 Dec 2021 15:49

Tgt Ion:152 Resp: 317156
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.3
150 155.3 0.0 349.2

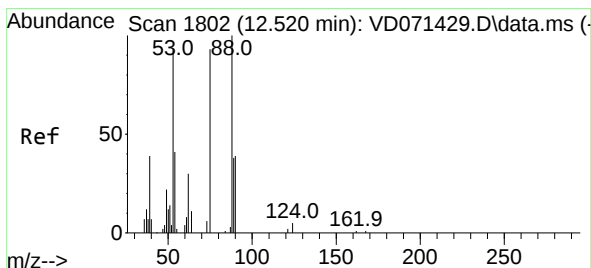
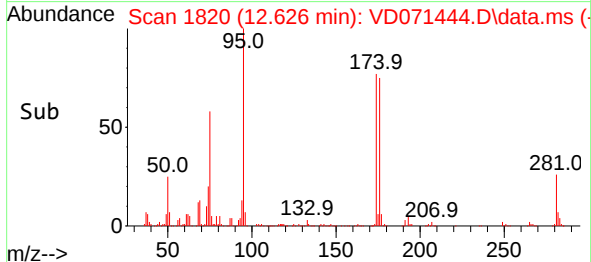
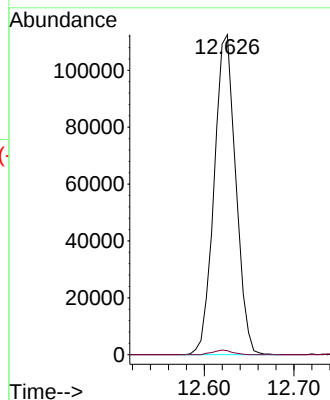
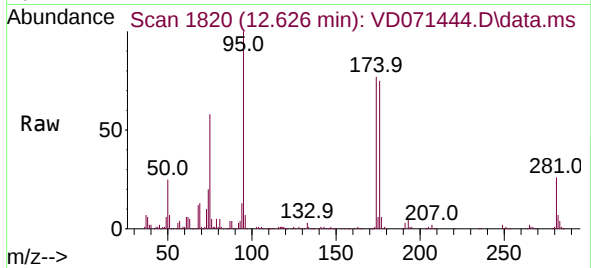




#76
1,2,3-Trichloropropane
Concen: 50.009 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071444.D
Acq: 23 Dec 2021 15:49

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 188455
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.303 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071444.D
Acq: 23 Dec 2021 15:49

Tgt Ion: 75 Resp: 188455
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.3 34.5 51.7#

