

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074225.D
 Acq On : 24 Aug 2022 16:06
 Operator : VA/SY
 Sample : N4272-02
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124055

Quant Time: Aug 24 16:35:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

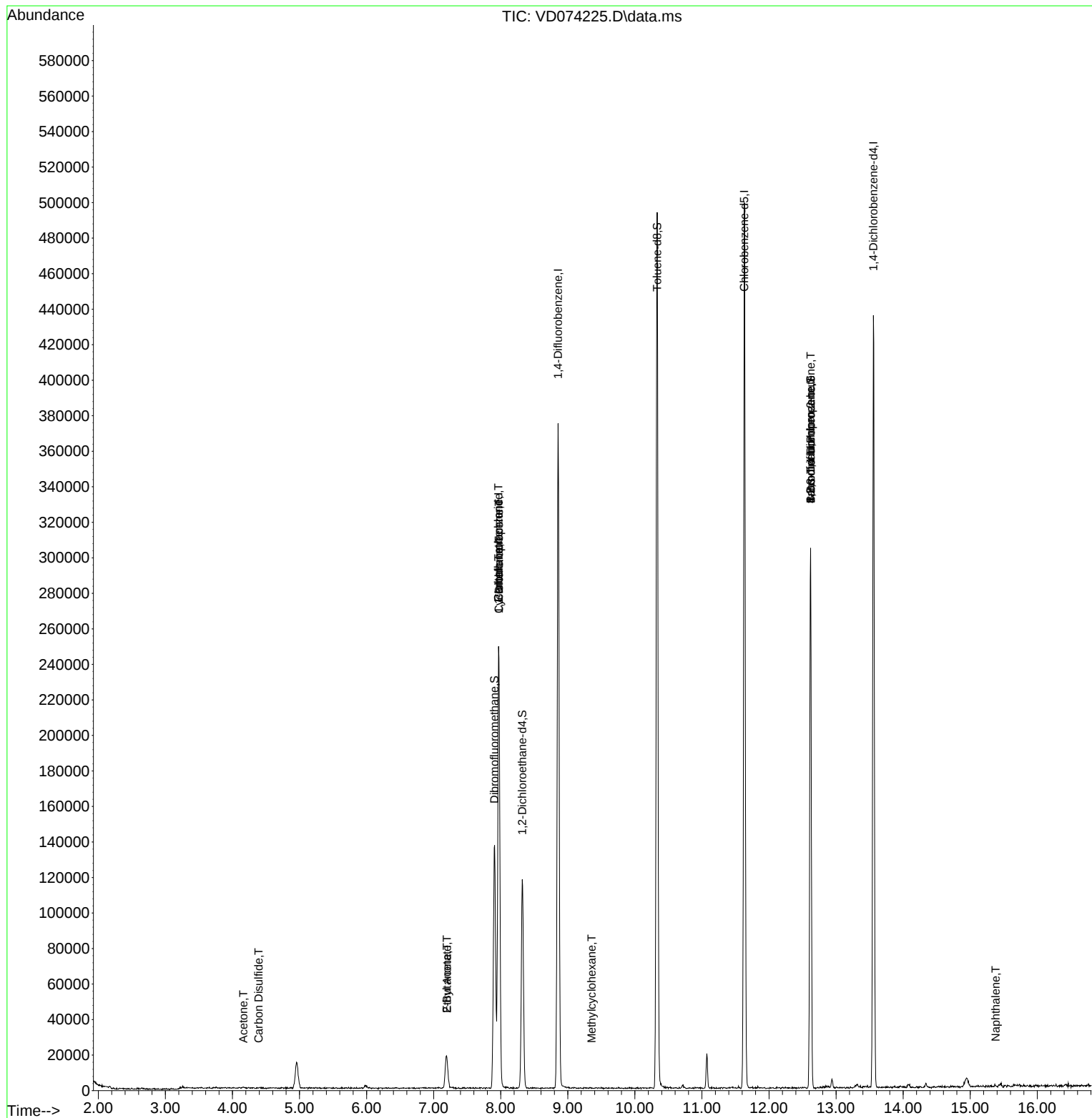
Internal Standards						
1) Pentafluorobenzene	7.967	168	179565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	315508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	281161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	117183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	96271	52.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.940%	
35) Dibromofluoromethane	7.903	113	99168	46.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.980%	
50) Toluene-d8	10.332	98	338387	49.821	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.640%	
62) 4-Bromofluorobenzene	12.620	95	104364	38.895	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	915	2.617	ug/l #	47
17) Carbon Disulfide	4.391	76	133	2.035	ug/l #	74
20) Methylene Chloride	4.962	84	11617	Below Cal	#	82
25) 2-Butanone	7.197	43	1270	2.347	ug/l #	52
31) Cyclohexane	7.973	56	4287	1.313	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	14802	4.641	ug/l #	51
37) Ethyl Acetate	7.197	43	1270	1.010	ug/l #	1
38) Carbon Tetrachloride	7.967	117	19280	5.627	ug/l #	18
39) Methylcyclohexane	9.355	83	89	2.236	ug/l #	17
71) Bromoform	12.620	173	1266	1.010	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	51814	45.284	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	51814	116.454	ug/l #	7
95) Naphthalene	15.379	128	511	3.536	ug/l #	70

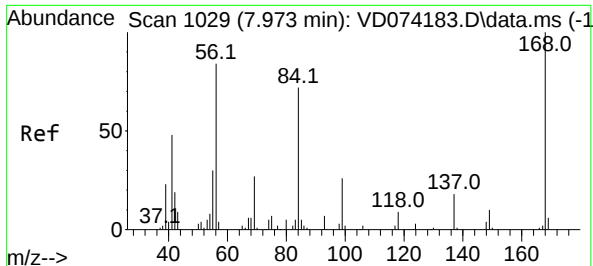
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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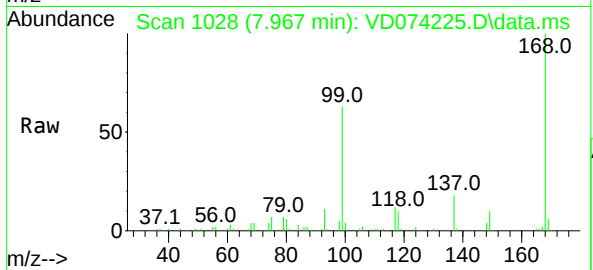
Quant Time: Aug 24 16:35:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 23 13:12:17 2022
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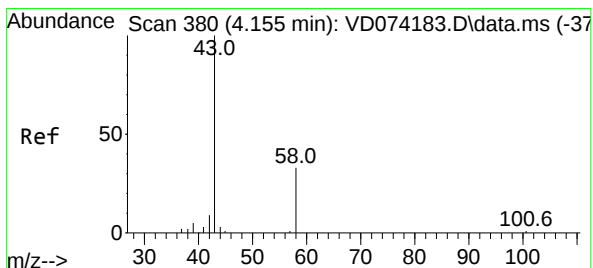
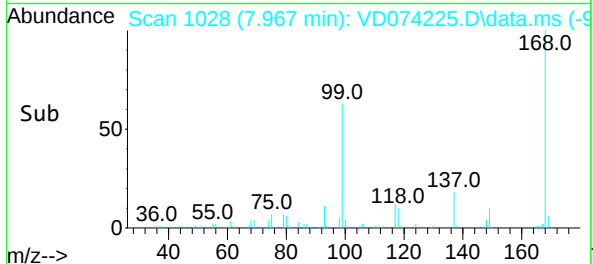
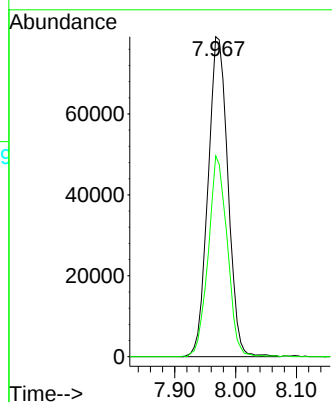


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06

Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

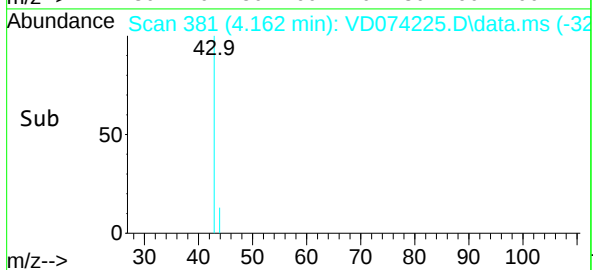
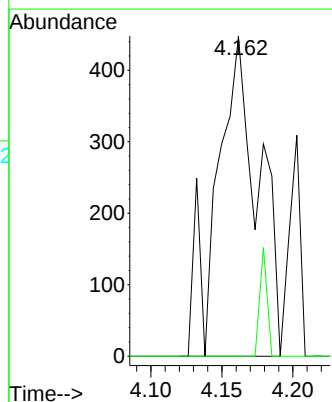
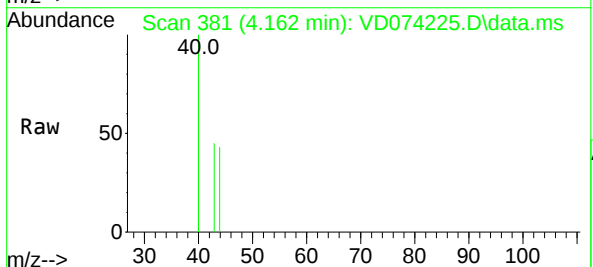


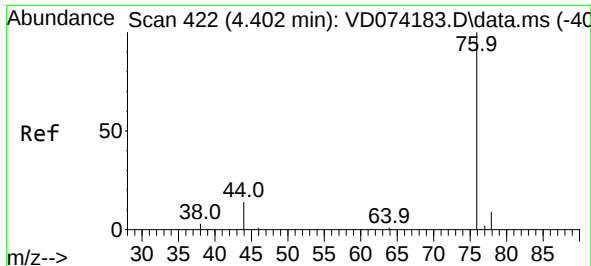
Tgt Ion:168 Resp: 179565
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#16
Acetone
Concen: 2.617 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06

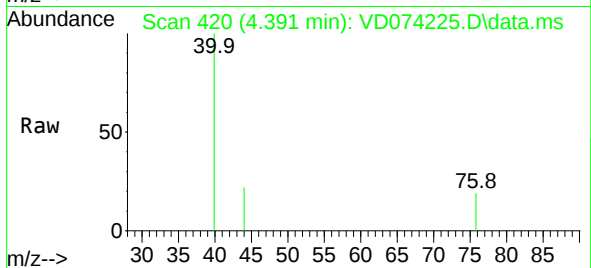
Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



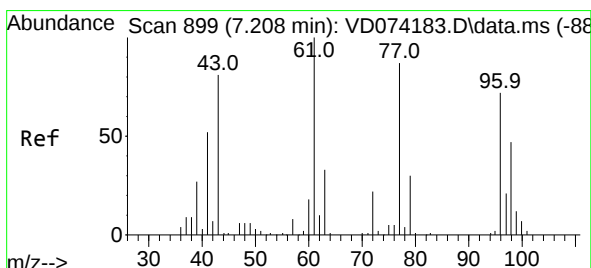
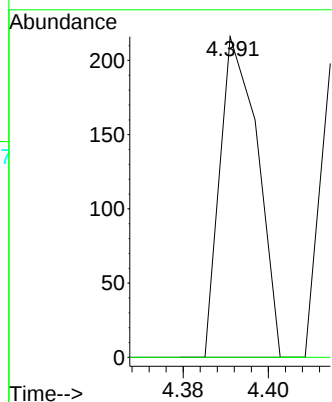
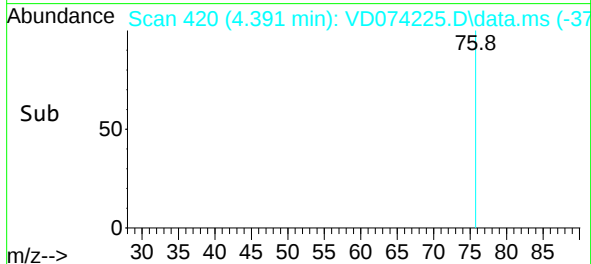


#17
Carbon Disulfide
Concen: 2.035 ug/l
RT: 4.391 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06

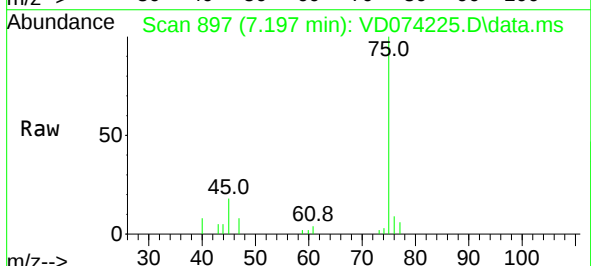
Instrument :
MSVOA_D
ClientSampleId :
PSC-124055



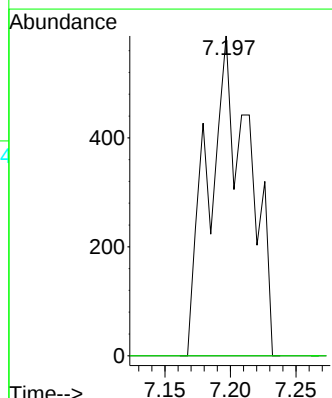
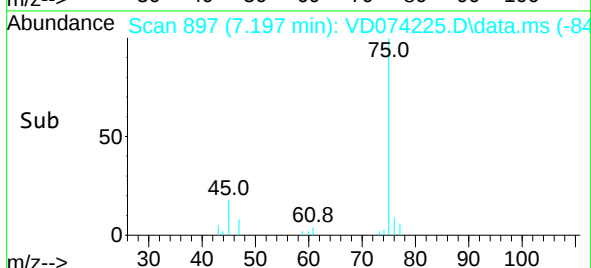
Tgt Ion: 76 Resp: 133
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

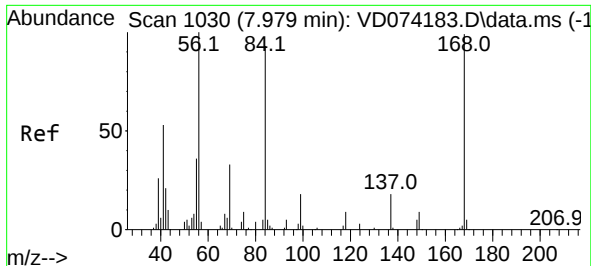


#25
2-Butanone
Concen: 2.347 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06



Tgt Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#

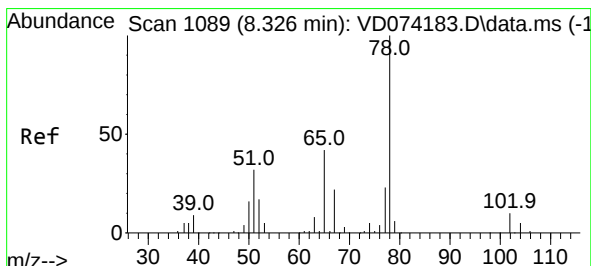
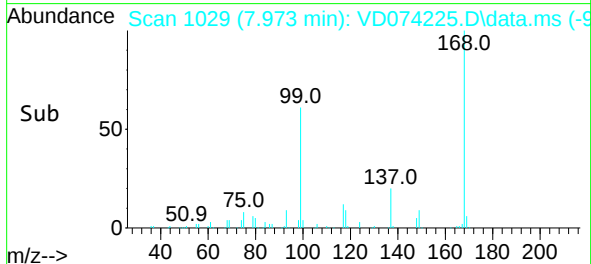
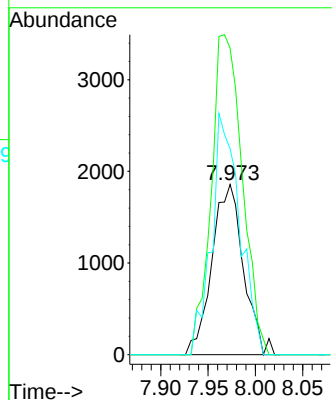
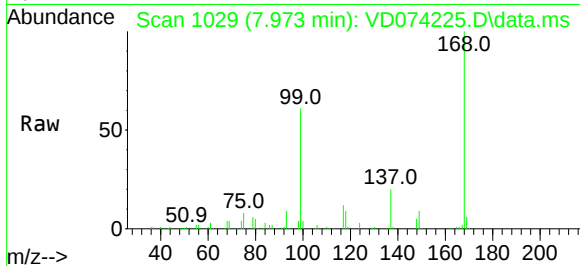




#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06

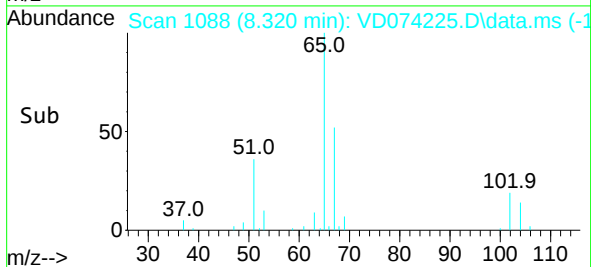
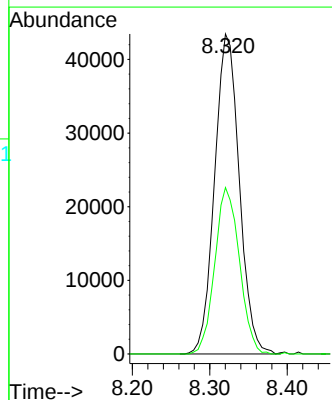
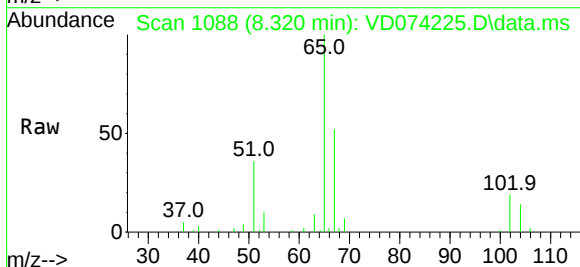
Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

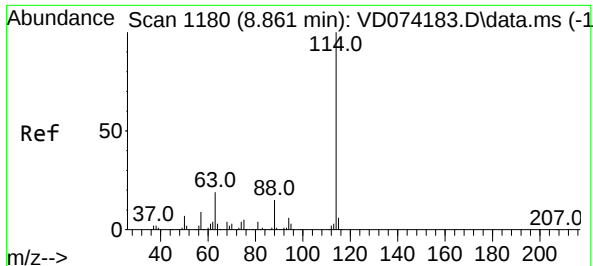
Tgt Ion: 56 Resp: 4287
Ion Ratio Lower Upper
56 100
69 180.0 25.4 38.2#
84 120.9 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 52.467 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06

Tgt Ion: 65 Resp: 96271
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074225.D

Acq: 24 Aug 2022 16:06

Instrument :

MSVOA_D

ClientSampleId :

PSC-124055

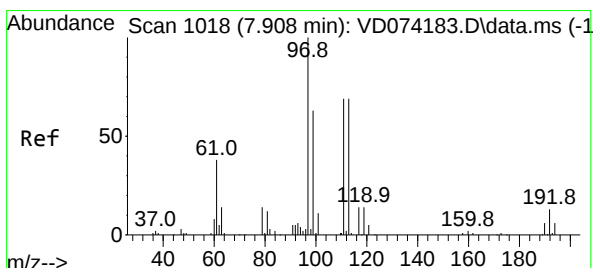
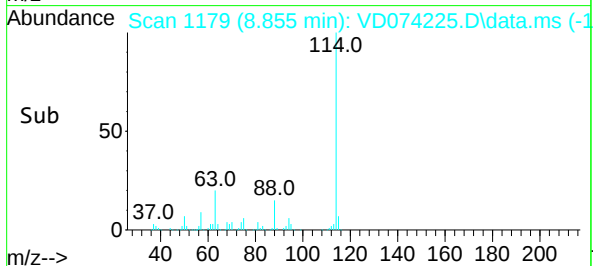
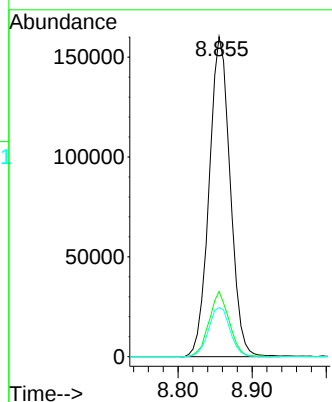
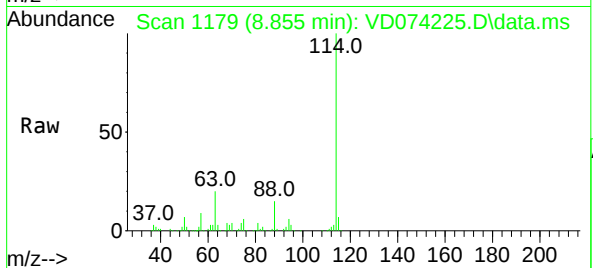
Tgt Ion:114 Resp: 315508

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.990 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD074225.D

Acq: 24 Aug 2022 16:06

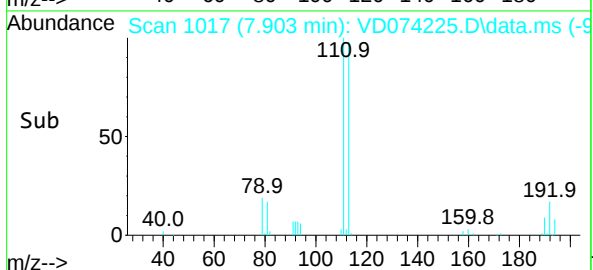
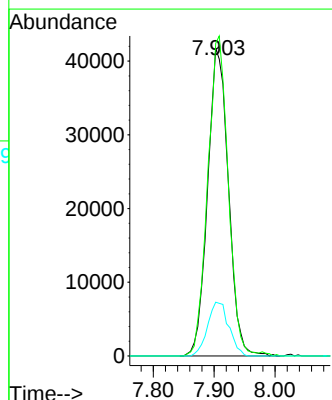
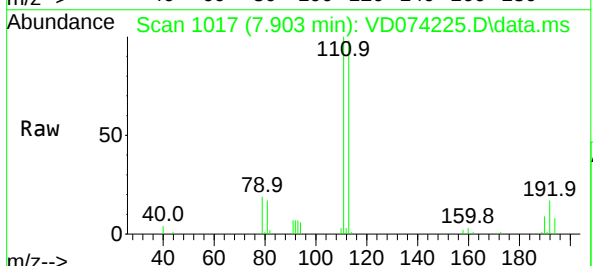
Tgt Ion:113 Resp: 99168

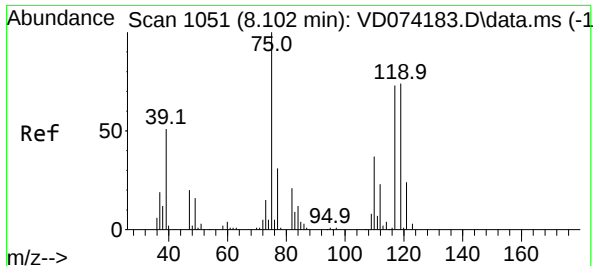
Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 17.8 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.641 ug/l

RT: 7.973 min Scan# 1

Delta R.T. -0.129 min

Lab File: VD074225.D

Acq: 24 Aug 2022 16:06

Instrument :

MSVOA_D

ClientSampleId :

PSC-124055

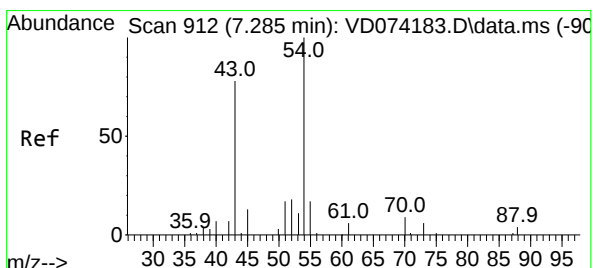
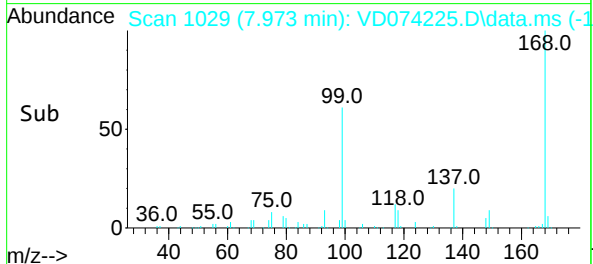
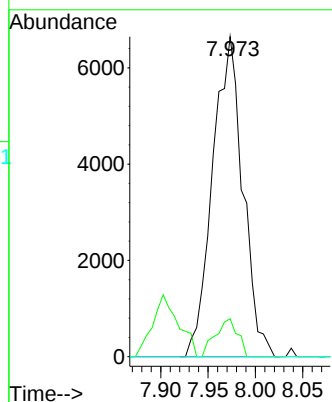
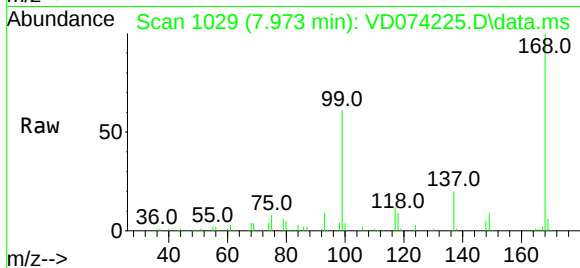
Tgt Ion: 75 Resp: 14802

Ion Ratio Lower Upper

75 100

110 8.7 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 1.010 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.088 min

Lab File: VD074225.D

Acq: 24 Aug 2022 16:06

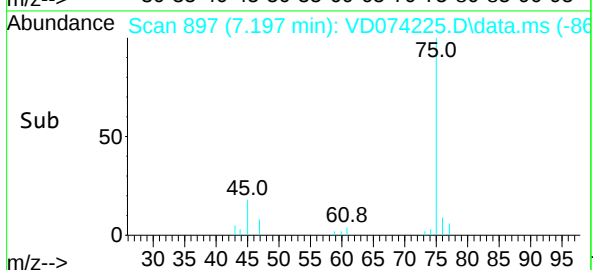
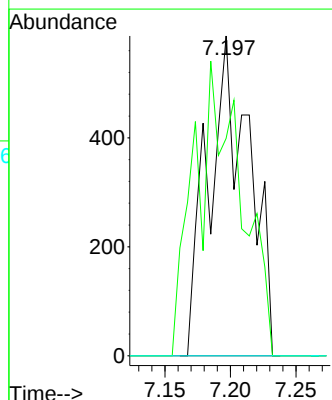
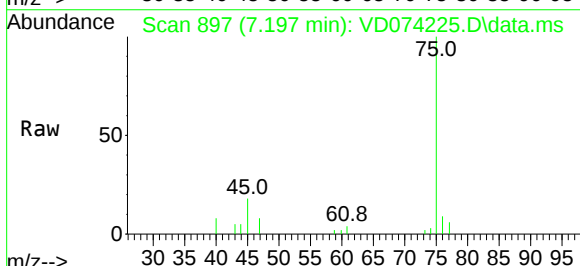
Tgt Ion: 43 Resp: 1270

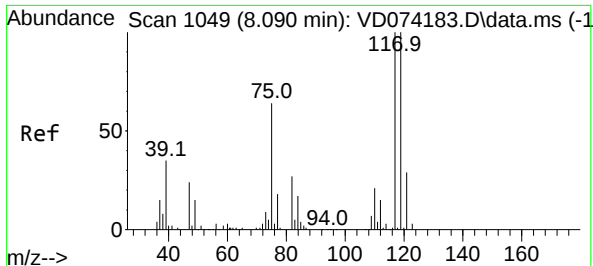
Ion Ratio Lower Upper

43 100

61 104.4 9.8 14.8#

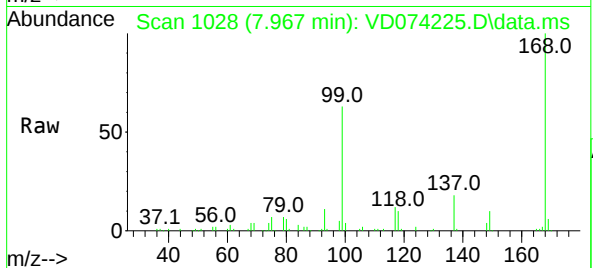
70 0.0 6.9 10.3#



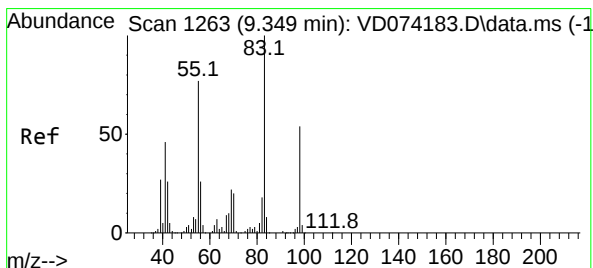
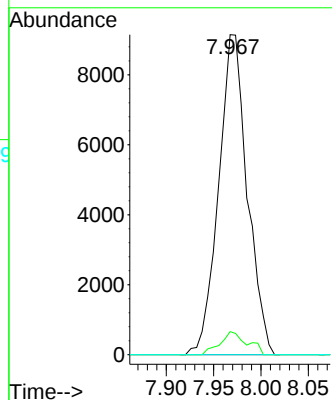
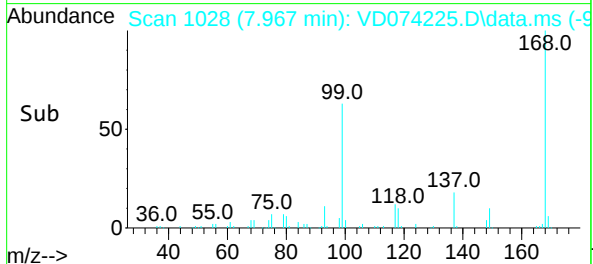


#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.123 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06

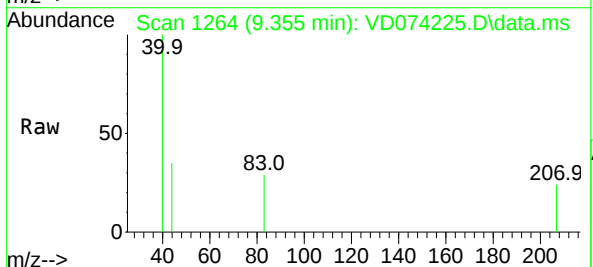
Instrument :
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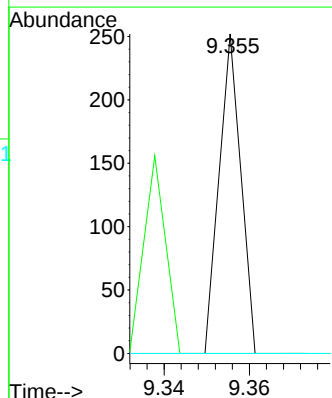
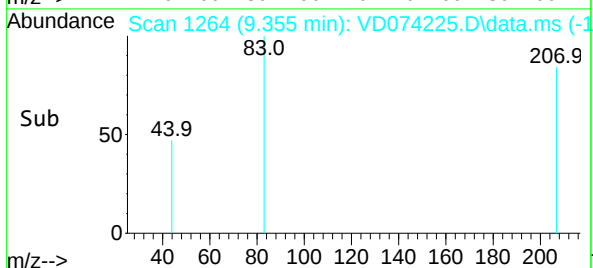
Tgt Ion:117 Resp: 19280
Ion Ratio Lower Upper
117 100
119 7.2 75.8 113.6#
121 0.0 24.5 36.7#

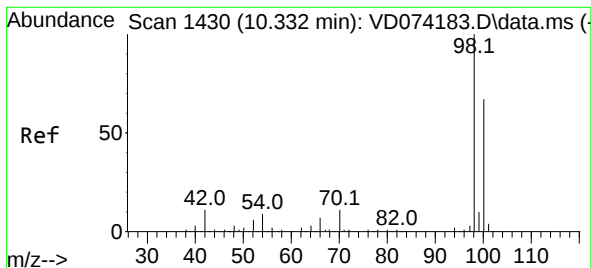


#39
Methylcyclohexane
Concen: 2.236 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06



Tgt Ion: 83 Resp: 89
Ion Ratio Lower Upper
83 100
55 0.0 63.2 94.8#
98 0.0 38.2 57.4#

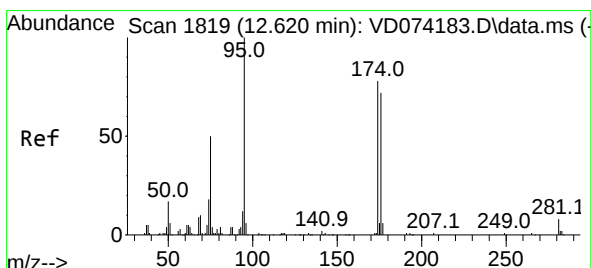
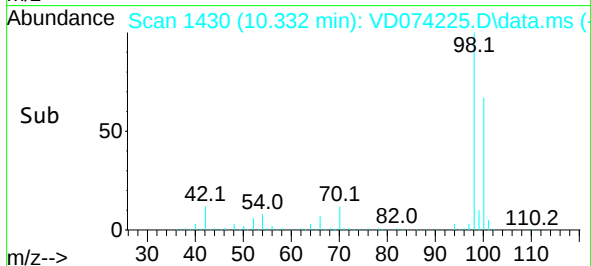
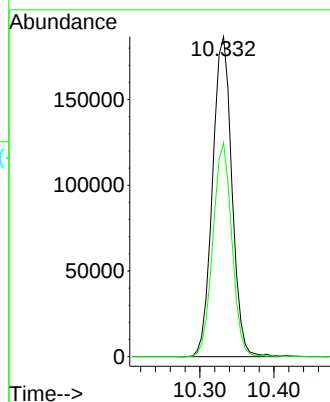
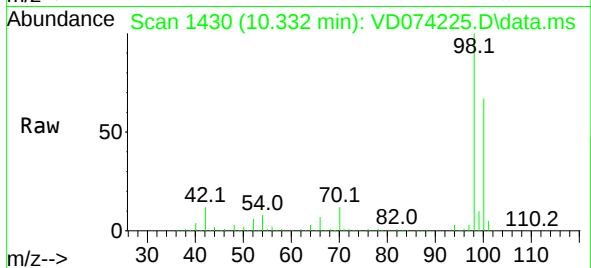




#50
Toluene-d8
Concen: 49.821 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06

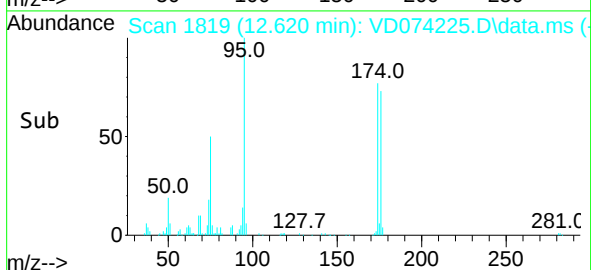
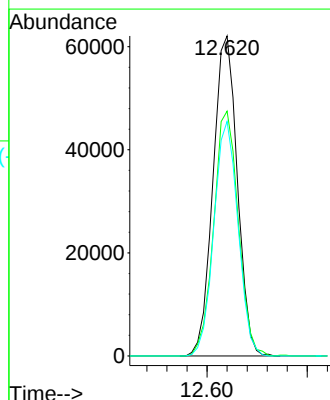
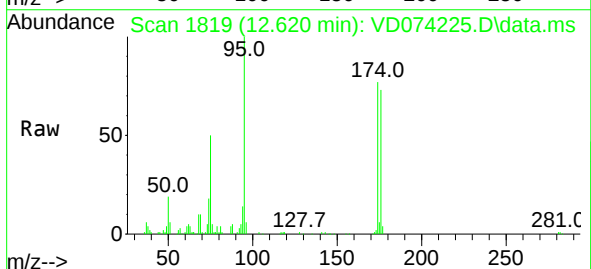
Instrument :
MSVOA_D
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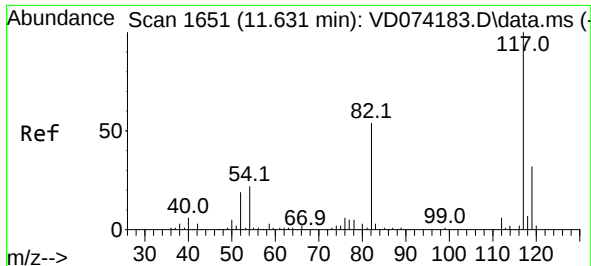
Tgt Ion: 98 Resp: 338387
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.895 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06

Tgt Ion: 95 Resp: 104364
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 72.6 0.0 145.4

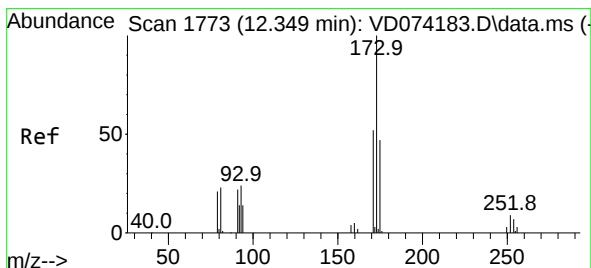
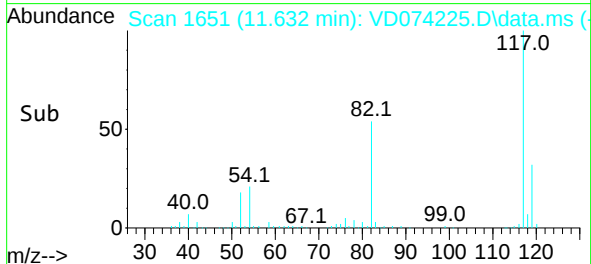
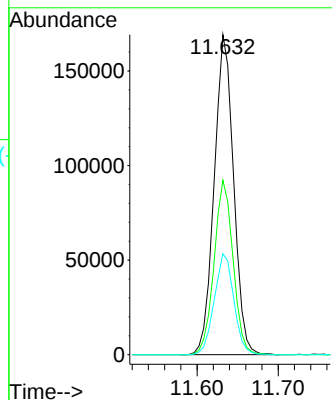
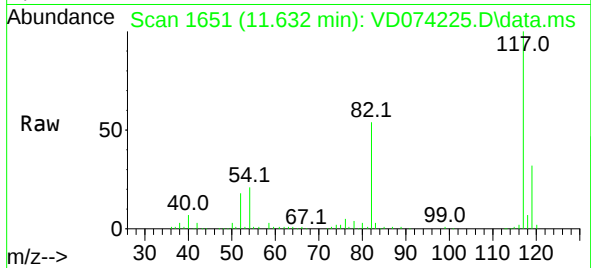




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1161
Delta R.T. 0.001 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06

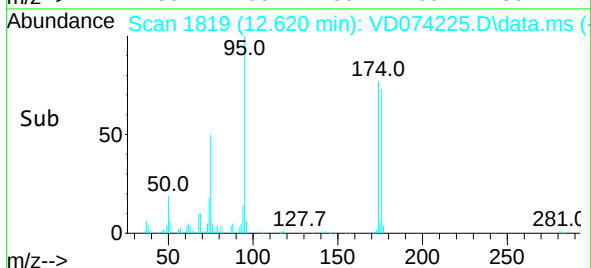
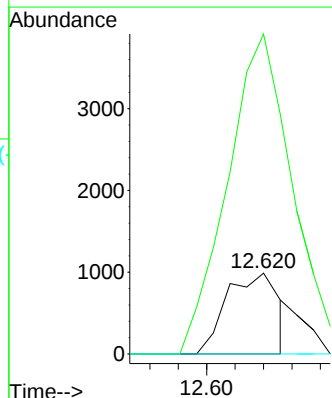
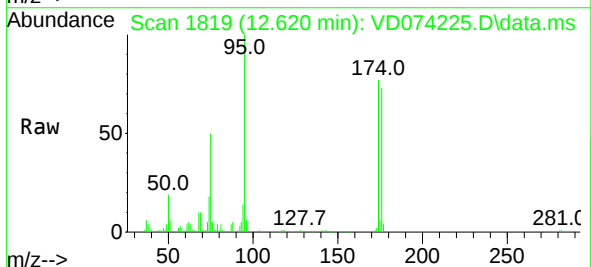
Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

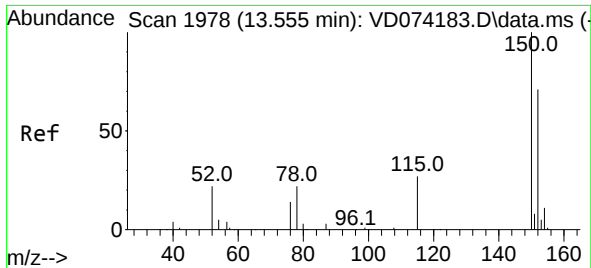
Tgt Ion:117 Resp: 281161
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 31.5 26.6 40.0



#71
Bromoform
Concen: 1.010 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06

Tgt Ion:173 Resp: 1266
Ion Ratio Lower Upper
173 100
175 401.4 23.9 71.8#
254 0.0 0.0 0.0

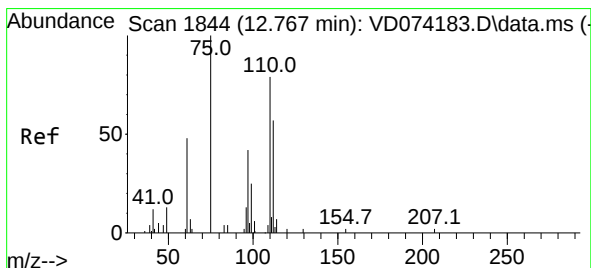
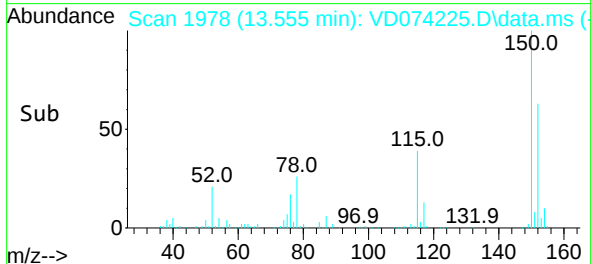
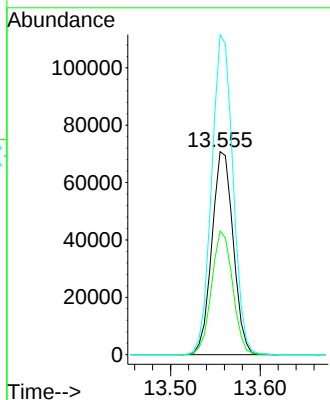
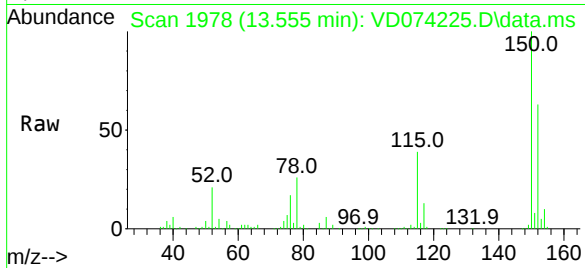




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. 0.000 min
 Lab File: VD074225.D
 Acq: 24 Aug 2022 16:06

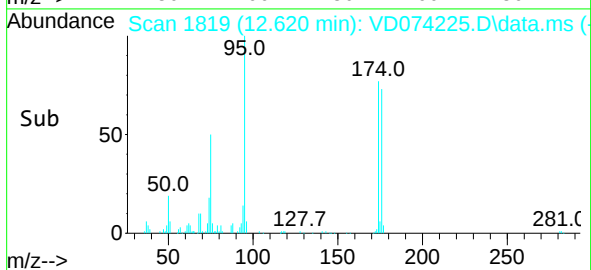
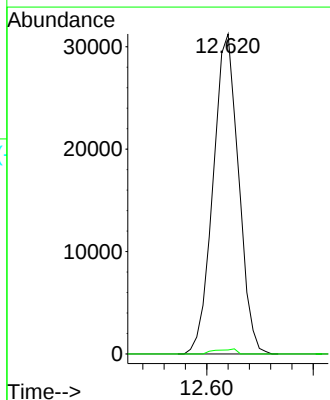
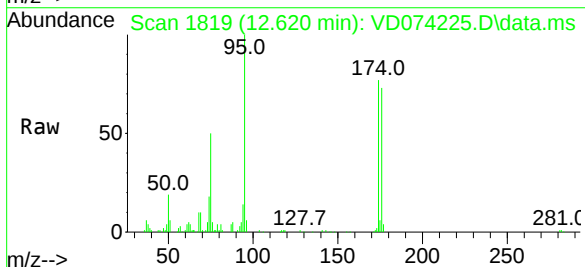
Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124055

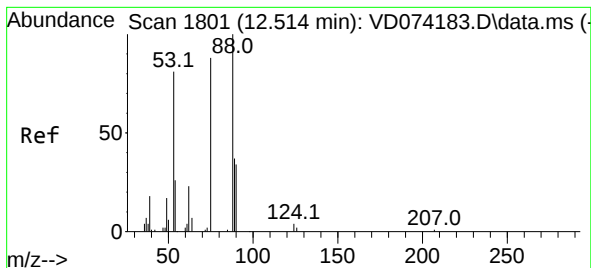
Tgt Ion:152 Resp: 117183
 Ion Ratio Lower Upper
 152 100
 115 60.2 31.3 93.8
 150 157.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 45.284 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD074225.D
 Acq: 24 Aug 2022 16:06

Tgt Ion: 75 Resp: 51814
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

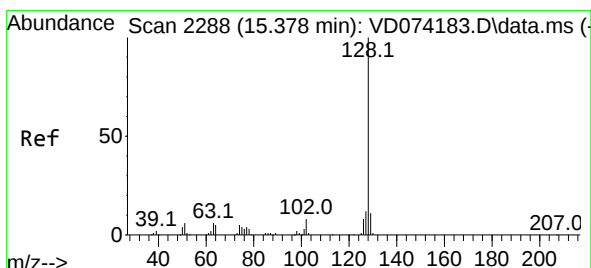
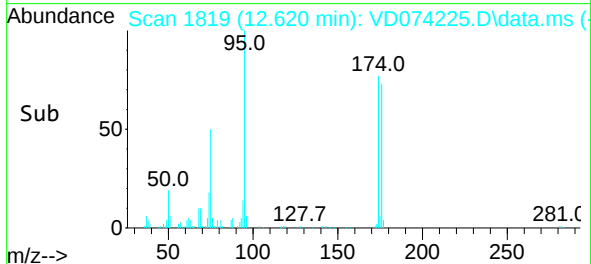
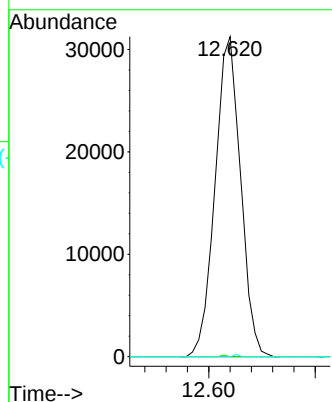
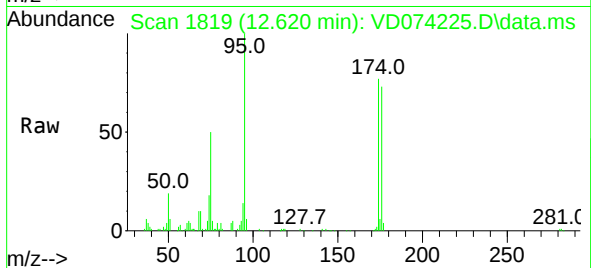




#81
trans-1,4-Dichloro-2-butene
Concen: 116.454 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06

Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

Tgt Ion: 75 Resp: 51814
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.536 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. 0.001 min
Lab File: VD074225.D
Acq: 24 Aug 2022 16:06

Tgt Ion: 128 Resp: 511
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

