

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071902.D
 Acq On : 04 Feb 2022 16:52
 Operator : VA/SY
 Sample : N1401-03
 Misc : 3.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124055

Quant Time: Feb 07 04:20:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

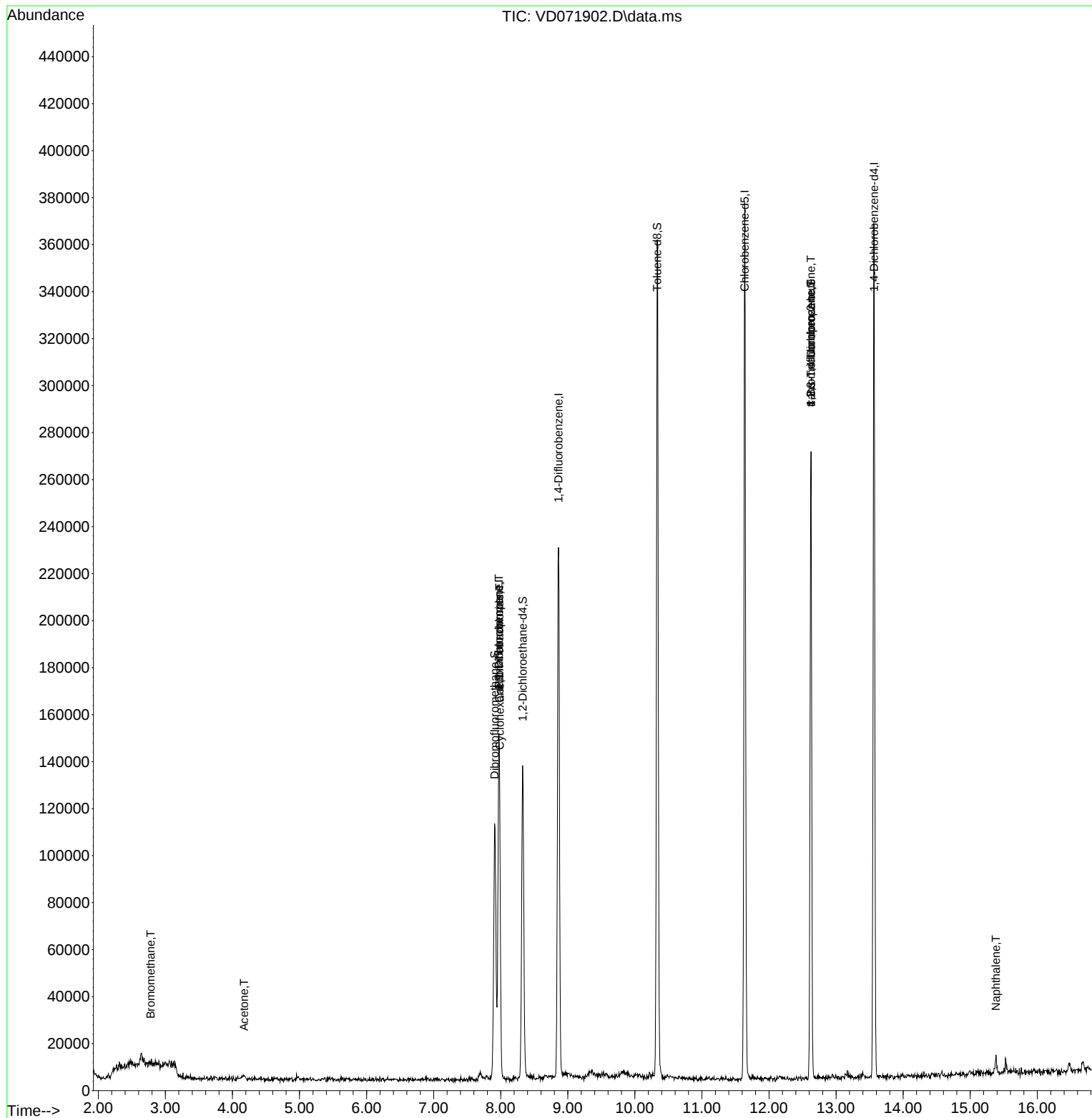
Internal Standards						
1) Pentafluorobenzene	7.973	168	103048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	181428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	191850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	88386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	104907	80.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.080%	
35) Dibromofluoromethane	7.909	113	75574	63.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.740%	
50) Toluene-d8	10.332	98	234684	52.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.380%	
62) 4-Bromofluorobenzene	12.626	95	83321	53.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1203	1.190	ug/l	93
11) Tert butyl alcohol	5.215	59	56	Below Cal	#	74
16) Acetone	4.173	43	3533	9.909	ug/l	95
20) Methylene Chloride	4.968	84	485	Below Cal	#	46
31) Cyclohexane	7.985	56	3263	1.312	ug/l #	14
36) 1,1-Dichloropropene	7.973	75	10049	4.909	ug/l #	52
38) Carbon Tetrachloride	7.979	117	11119	5.493	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	49087	52.698	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	49087	129.572	ug/l #	7
95) Naphthalene	15.385	128	5701	3.257	ug/l #	90

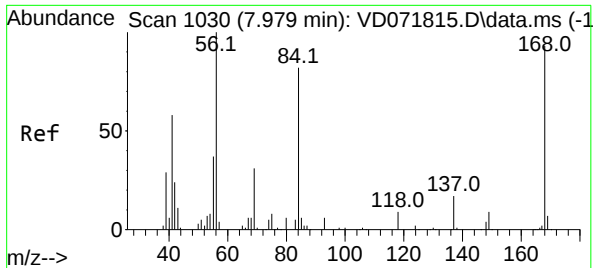
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071902.D
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ALS Vial : 1 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
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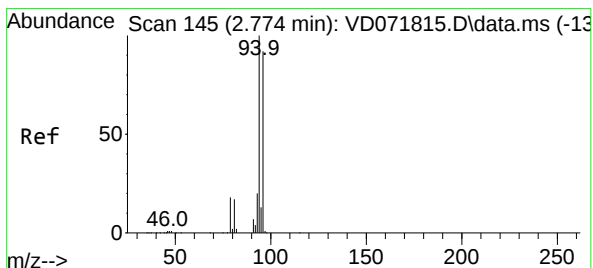
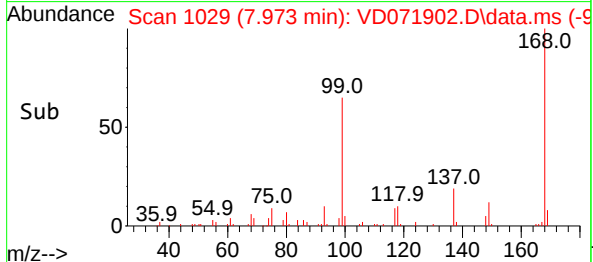
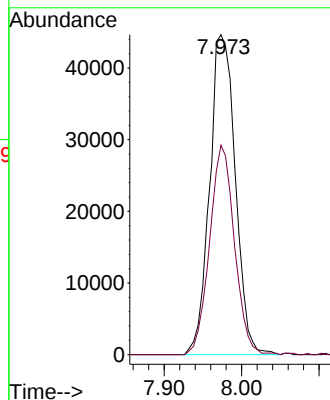
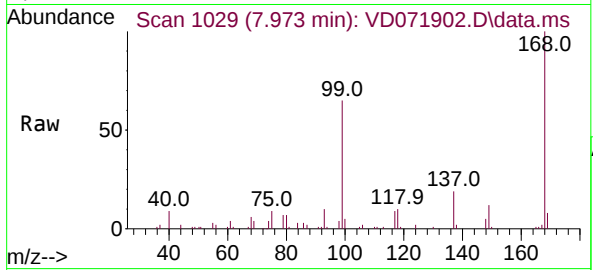




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

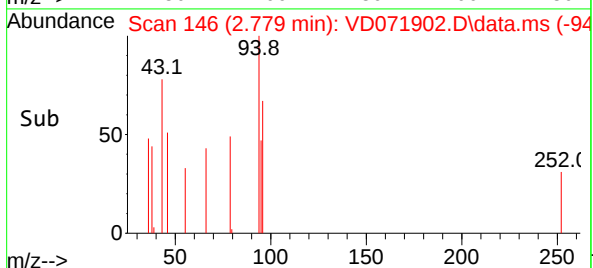
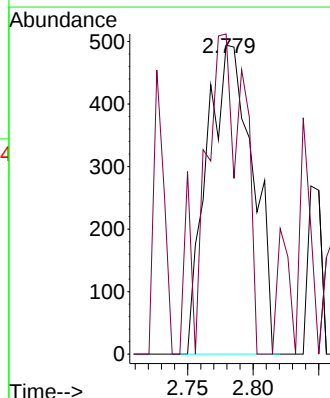
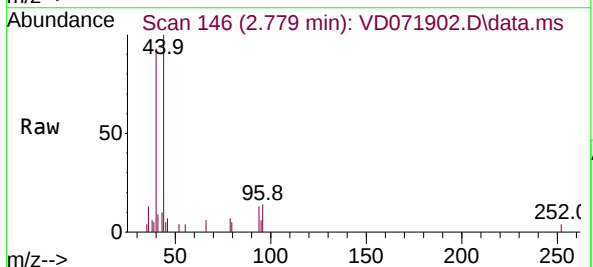
Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

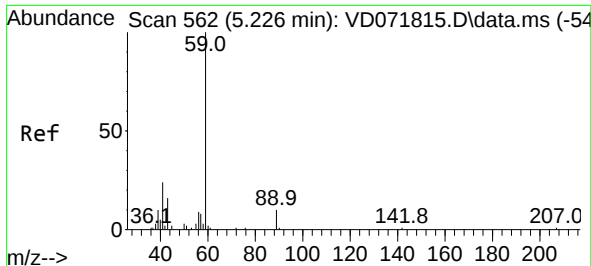
Tgt Ion:168 Resp: 103048
Ion Ratio Lower Upper
168 100
99 65.4 49.8 74.6



#5
Bromomethane
Concen: 1.190 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

Tgt Ion: 94 Resp: 1203
Ion Ratio Lower Upper
94 100
96 103.6 77.6 116.4

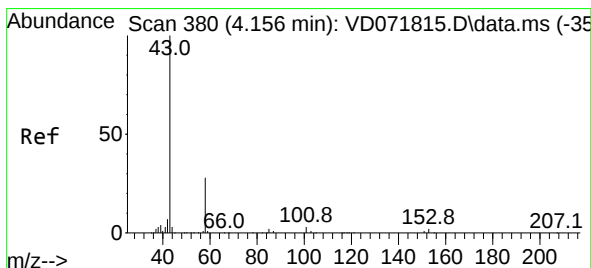
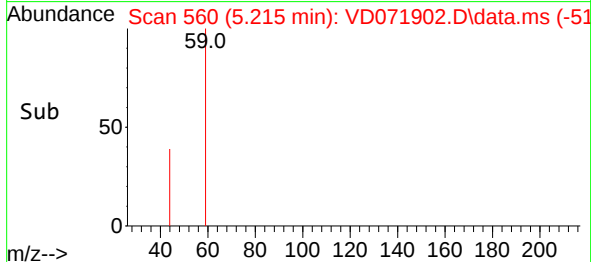
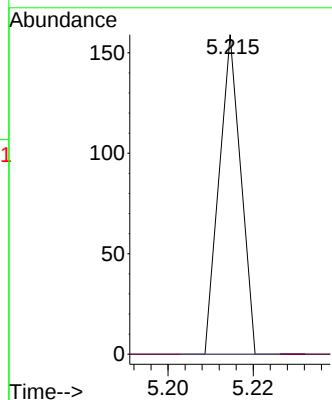
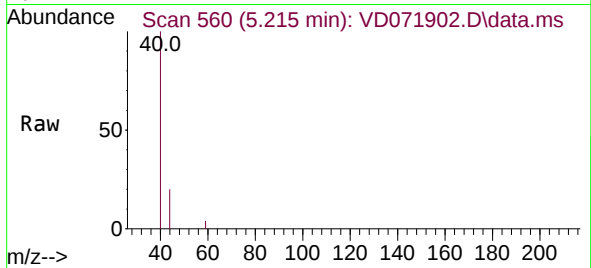




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 50
Delta R.T. -0.006 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

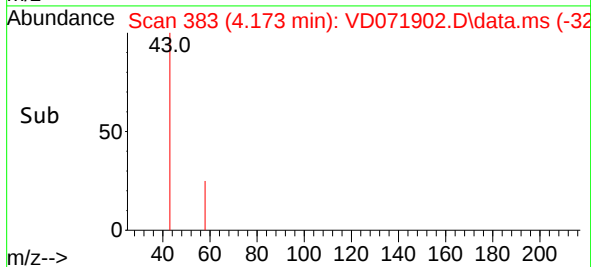
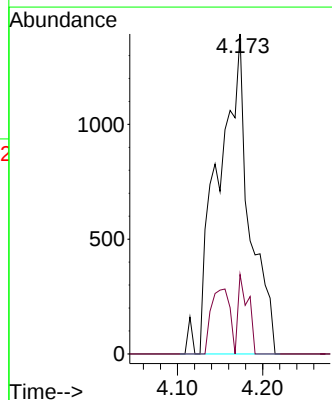
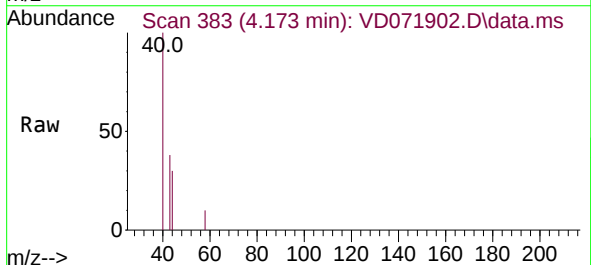
Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

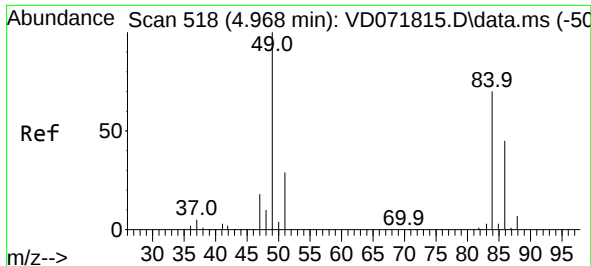
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 9.909 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

Tgt Ion: 43 Resp: 3533
Ion Ratio Lower Upper
43 100
58 24.8 22.1 33.1

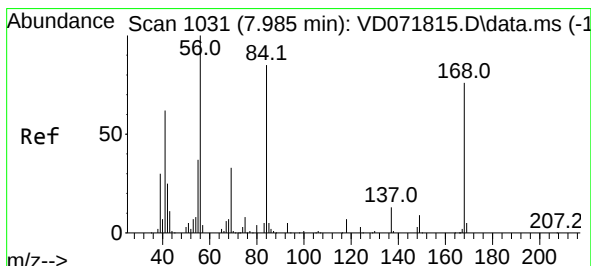
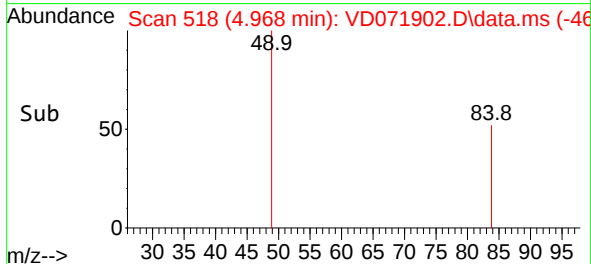
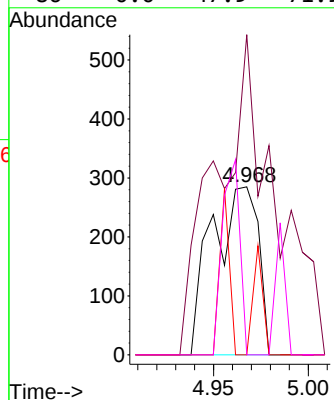
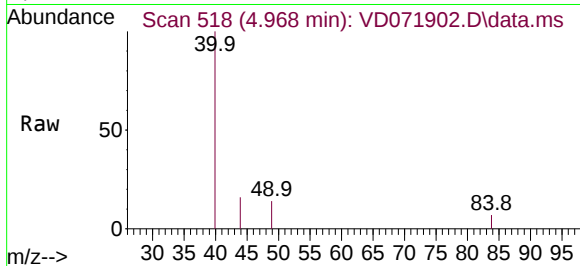




#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

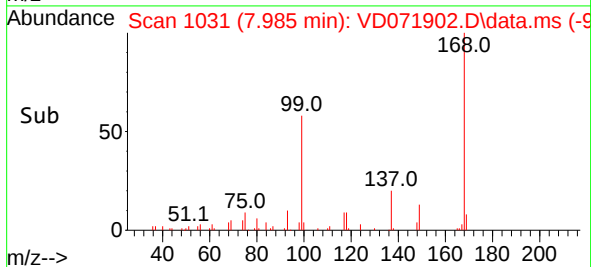
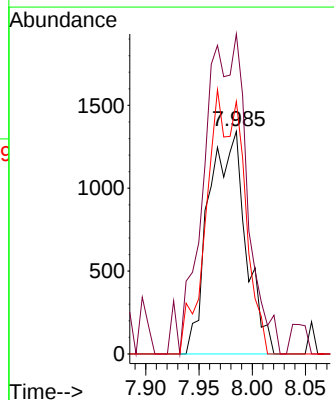
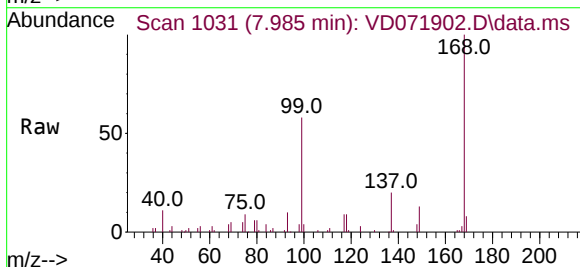
Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

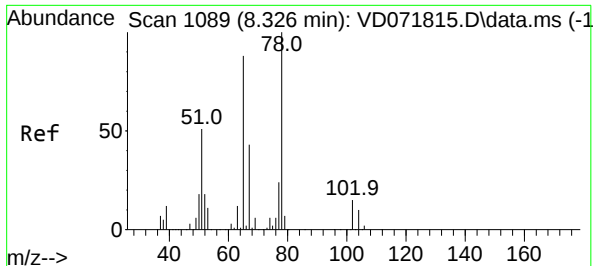
Tgt Ion:	84	Resp:	485
Ion	Ratio	Lower	Upper
84	100		
49	190.5	112.8	169.2#
51	0.0	32.6	48.8#
86	0.0	47.9	71.9#



#31
Cyclohexane
Concen: 1.312 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

Tgt Ion:	56	Resp:	3263
Ion	Ratio	Lower	Upper
56	100		
69	143.8	25.4	38.2#
84	113.5	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 80.544 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071902.D

Acq: 04 Feb 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

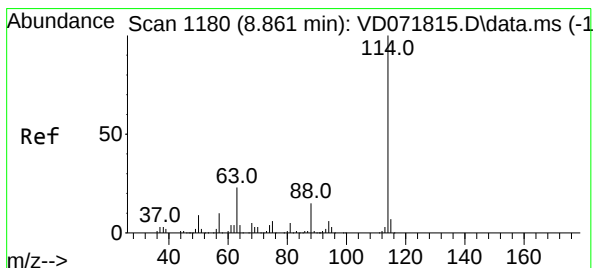
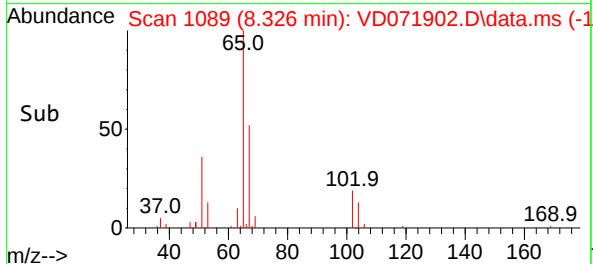
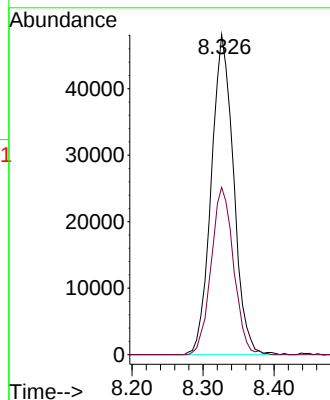
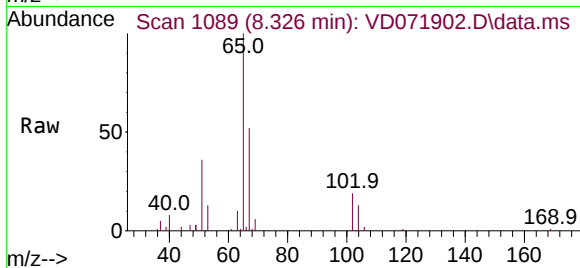
PSC-124055

Tgt Ion: 65 Resp: 104907

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071902.D

Acq: 04 Feb 2022 16:52

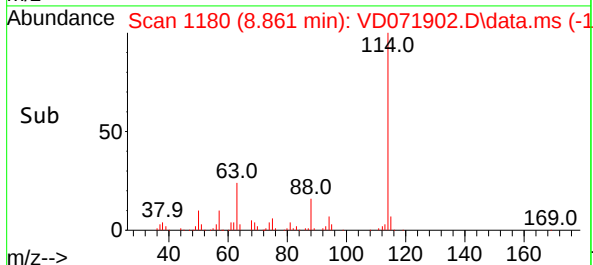
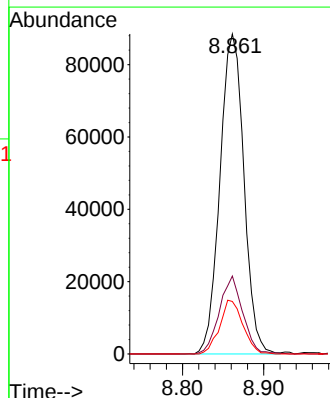
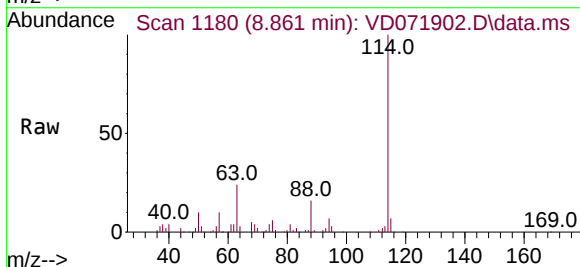
Tgt Ion: 114 Resp: 181428

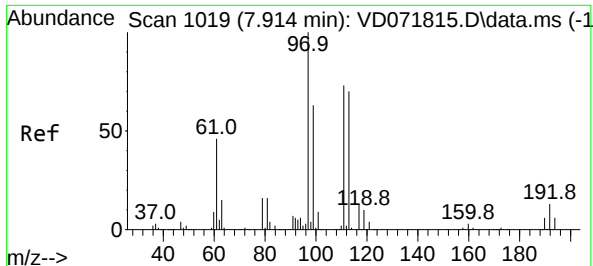
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.6

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 63.370 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071902.D

Acq: 04 Feb 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

PSC-124055

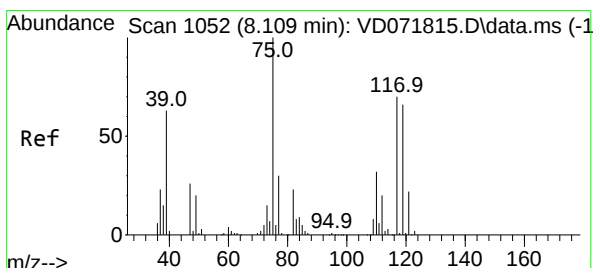
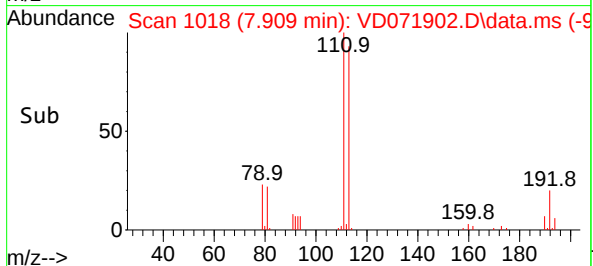
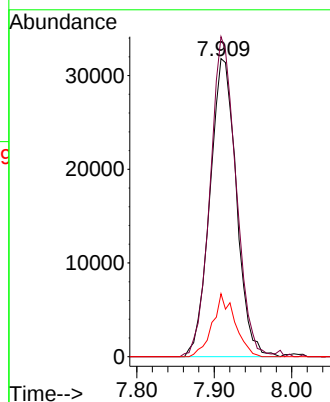
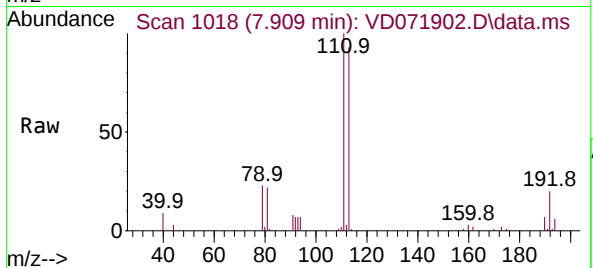
Tgt Ion:113 Resp: 75574

Ion Ratio Lower Upper

113 100

111 105.0 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.909 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071902.D

Acq: 04 Feb 2022 16:52

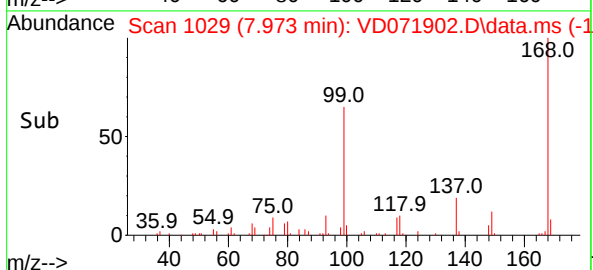
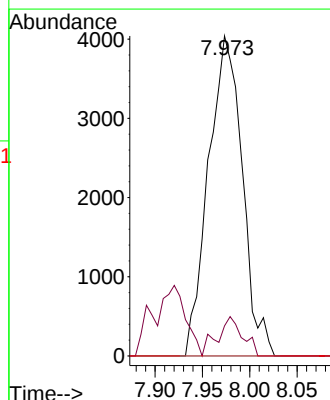
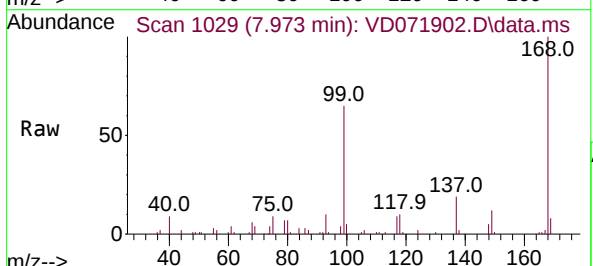
Tgt Ion: 75 Resp: 10049

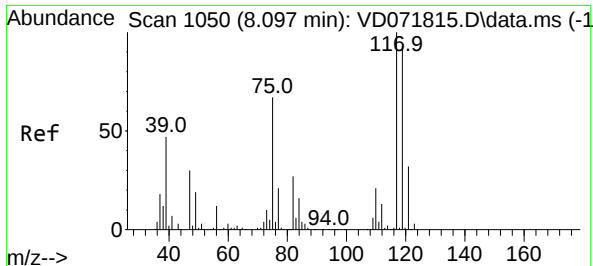
Ion Ratio Lower Upper

75 100

110 9.1 16.4 49.1#

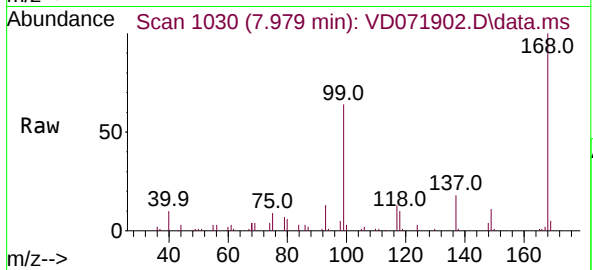
77 0.0 24.2 36.2#



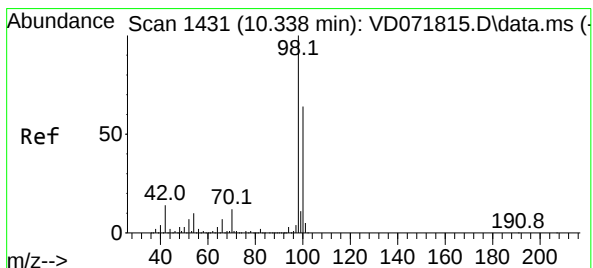
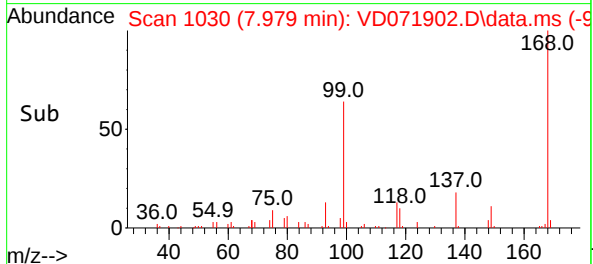
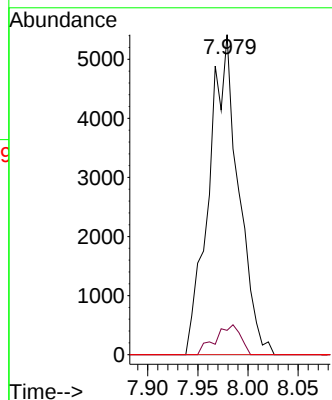


#38
Carbon Tetrachloride
Concen: 5.493 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

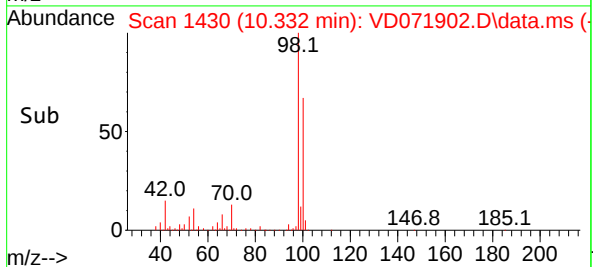
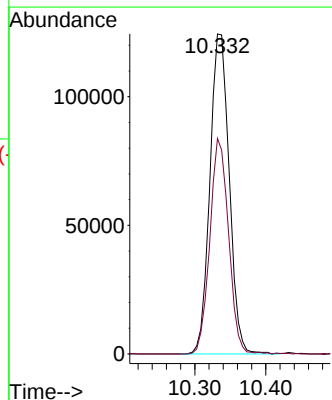
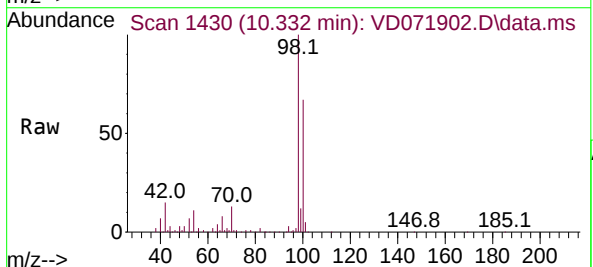


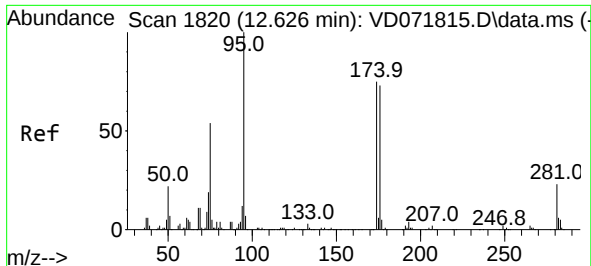
Tgt Ion:117 Resp: 11119
Ion Ratio Lower Upper
117 100
119 7.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.692 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

Tgt Ion: 98 Resp: 234684
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

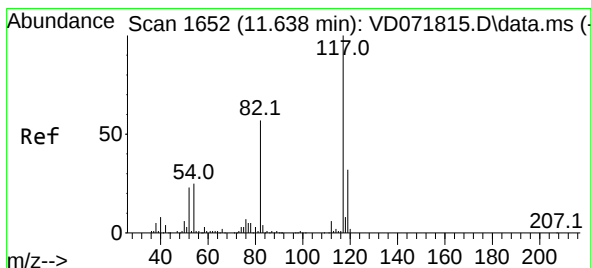
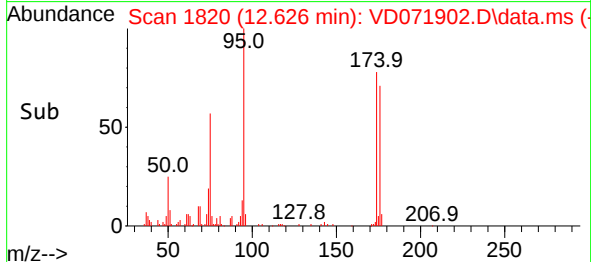
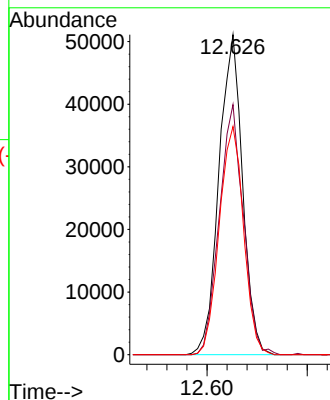
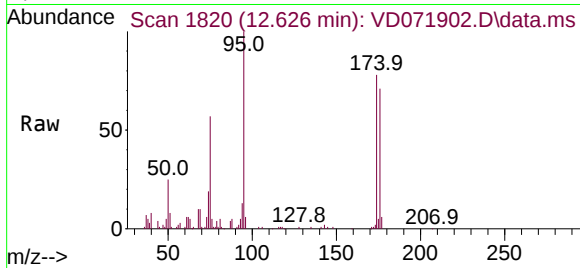




#62
4-Bromofluorobenzene
Concen: 53.570 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

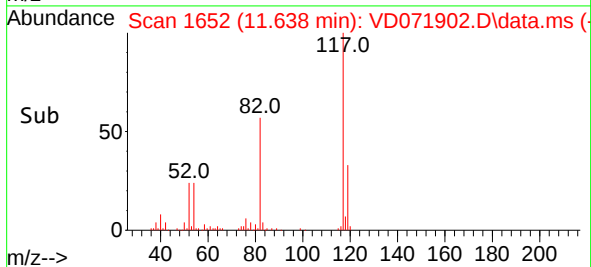
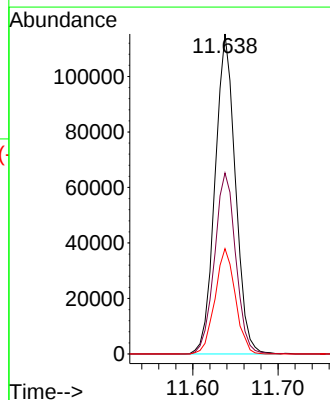
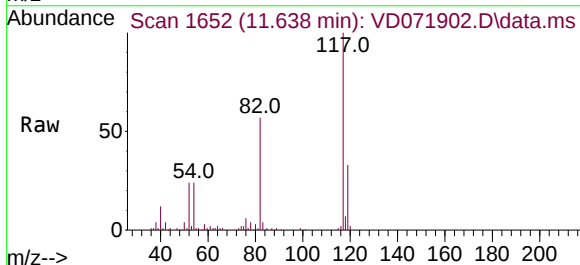
Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

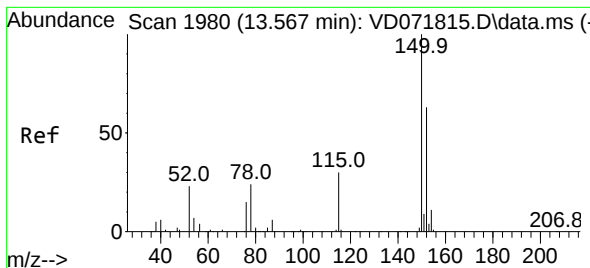
Tgt Ion: 95 Resp: 83321
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.8
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

Tgt Ion: 117 Resp: 191850
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.9 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.000 min

Lab File: VD071902.D

Acq: 04 Feb 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

PSC-124055

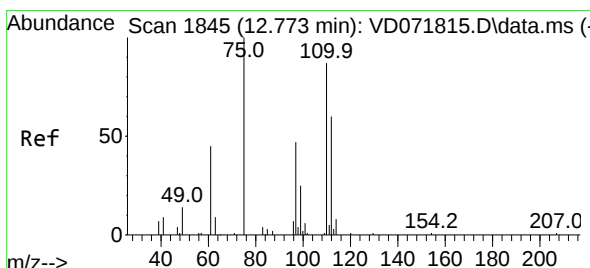
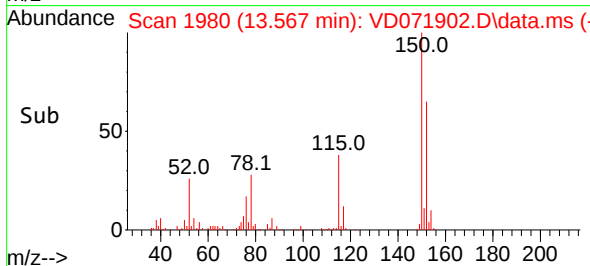
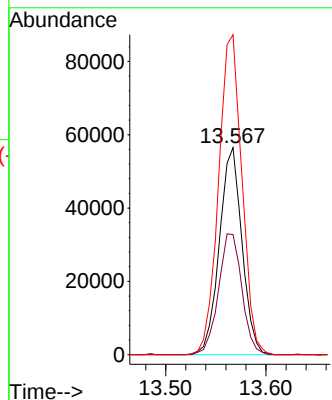
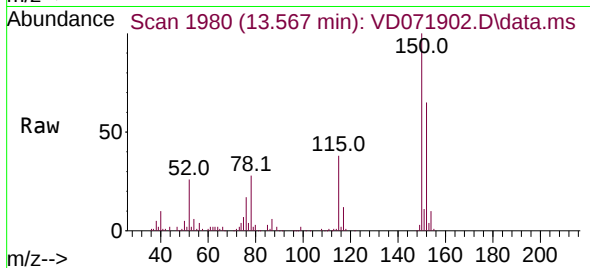
Tgt Ion:152 Resp: 88386

Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 159.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 52.698 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.147 min

Lab File: VD071902.D

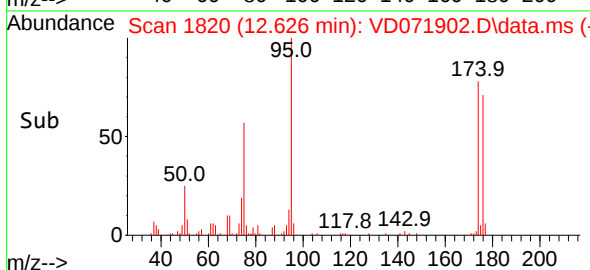
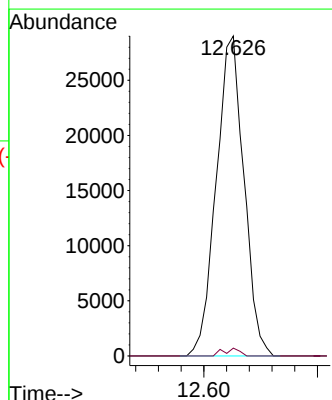
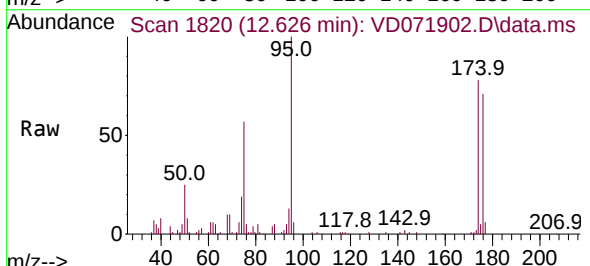
Acq: 04 Feb 2022 16:52

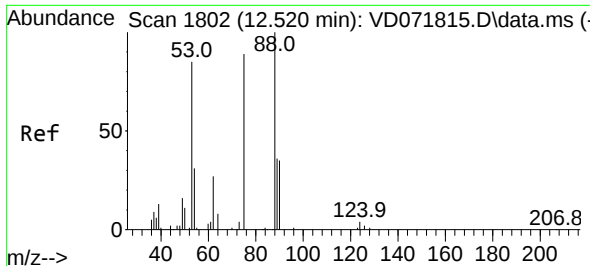
Tgt Ion: 75 Resp: 49087

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

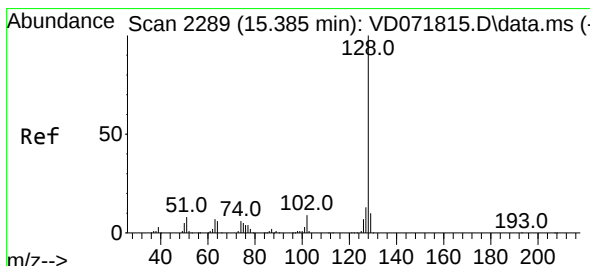
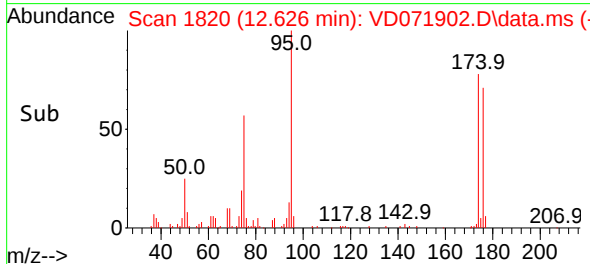
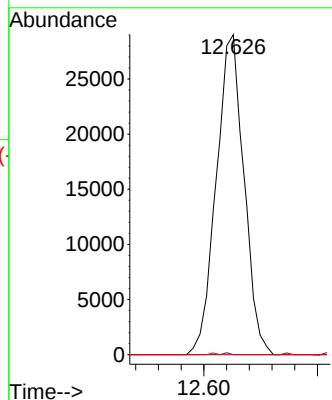
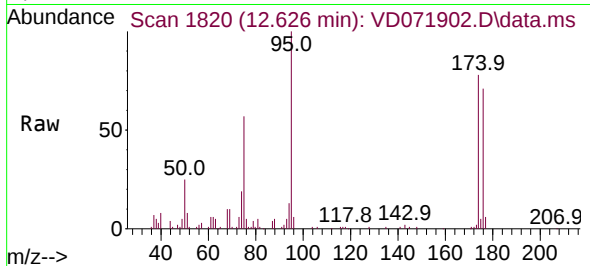




#81
trans-1,4-Dichloro-2-butene
Concen: 129.572 ug/l
RT: 12.626 min Scan# 1802
Delta R.T. 0.106 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

Tgt Ion: 75 Resp: 49087
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.257 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

Tgt Ion: 128 Resp: 5701
Ion Ratio Lower Upper
128 100
127 18.0 10.3 15.5#
129 13.2 8.4 12.6#

