

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073583.D
 Acq On : 15 Jun 2022 10:35
 Operator : VA/SY
 Sample : VD0615SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 06:02:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

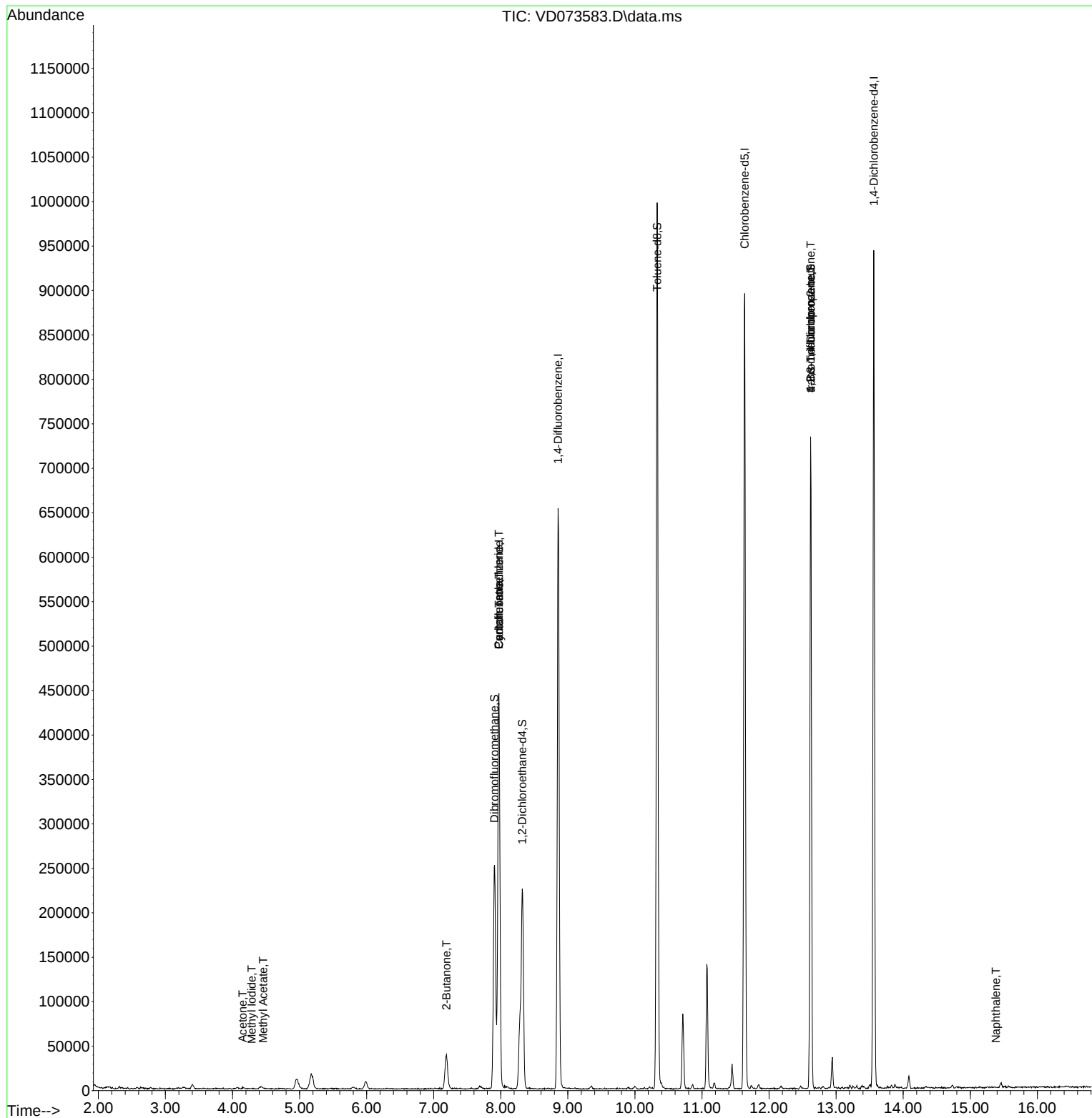
Internal Standards						
1) Pentafluorobenzene	7.973	168	325109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	565632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	535056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	176243	50.516	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.040%			
35) Dibromofluoromethane	7.902	113	182174	50.086	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.180%			
50) Toluene-d8	10.332	98	668851	48.637	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.280%			
62) 4-Bromofluorobenzene	12.620	95	227500	45.570	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.140%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.285	142	195	4.217	ug/l #	38
11) Tert butyl alcohol	5.185	59	15037	Below Cal	#	74
16) Acetone	4.150	43	2363	3.847	ug/l	93
18) Methyl Acetate	4.456	43	502	1.651	ug/l #	55
20) Methylene Chloride	4.956	84	8952	Below Cal	#	78
25) 2-Butanone	7.191	43	1125	1.245	ug/l #	52
31) Cyclohexane	7.973	56	8310	1.414	ug/l #	1
38) Carbon Tetrachloride	7.973	117	35049	6.133	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	113355	47.028	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	113355	110.383	ug/l #	7
95) Naphthalene	15.384	128	797	4.285	ug/l #	70

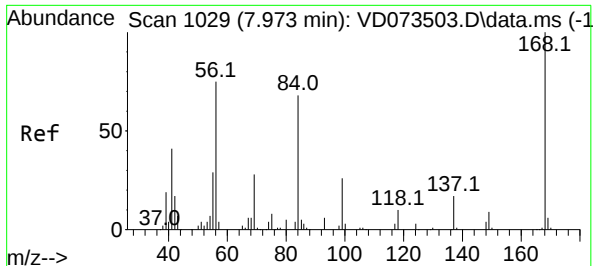
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
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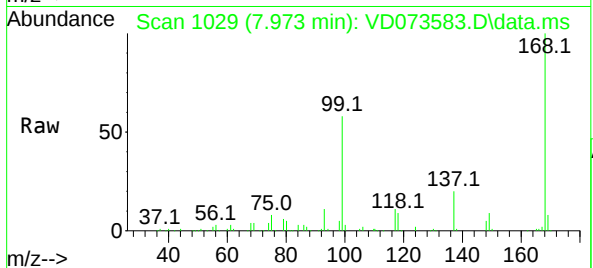
Quant Time: Jun 16 06:02:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration



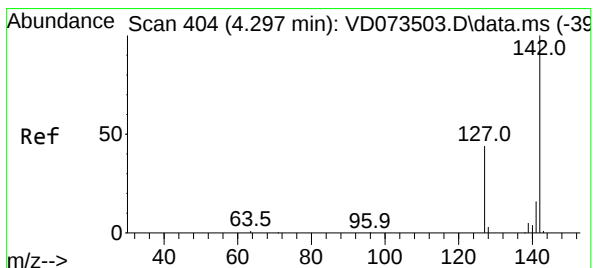
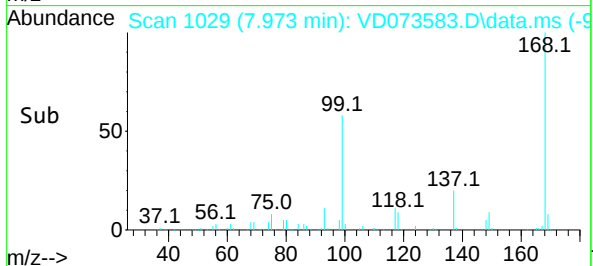
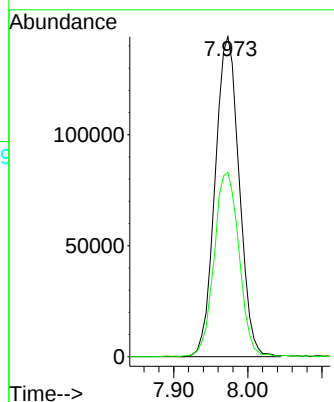


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073583.D
Acq: 15 Jun 2022 10:35

Instrument :
MSVOA_D
ClientSampleId :

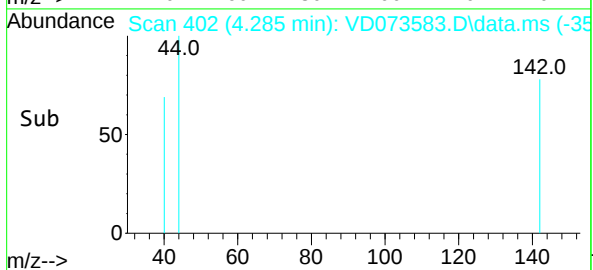
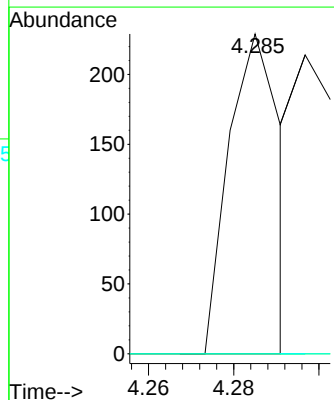
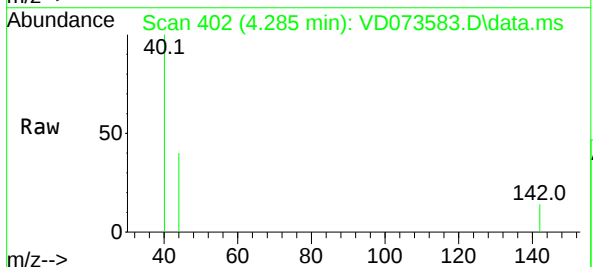


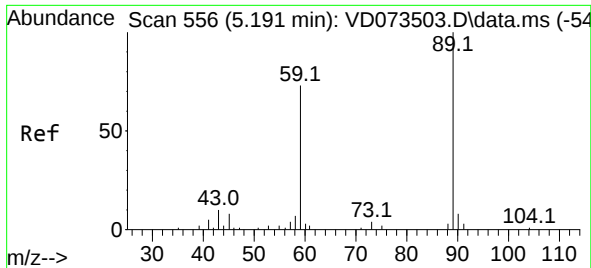
Tgt Ion:168 Resp: 325109
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#10
Methyl Iodide
Concen: 4.217 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD073583.D
Acq: 15 Jun 2022 10:35

Tgt Ion:142 Resp: 195
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

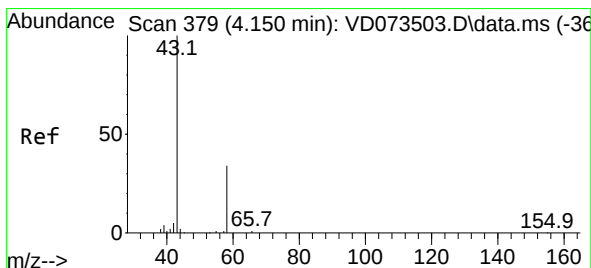
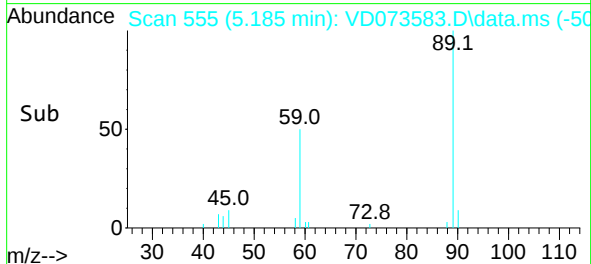
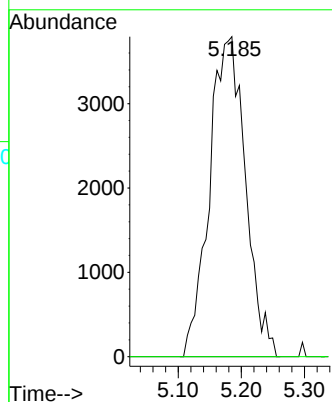
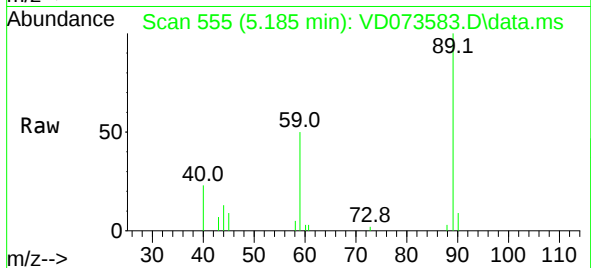




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073583.D
Acq: 15 Jun 2022 10:35

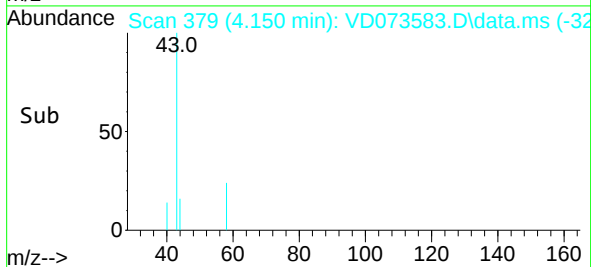
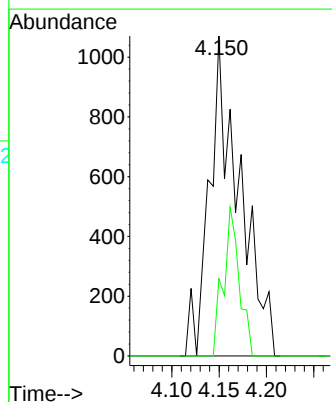
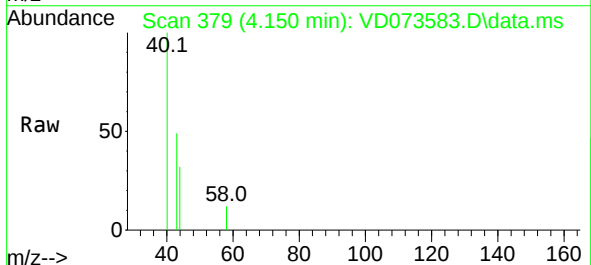
Instrument :
MSVOA_D
ClientSampleId :

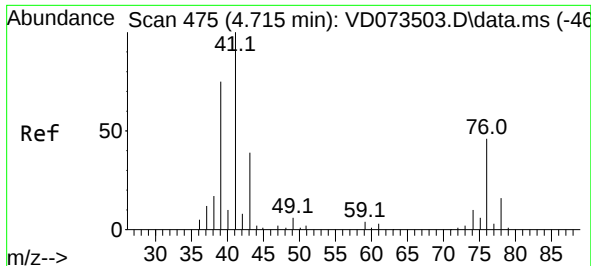
Tgt Ion: 59 Resp: 15037
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.847 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073583.D
Acq: 15 Jun 2022 10:35

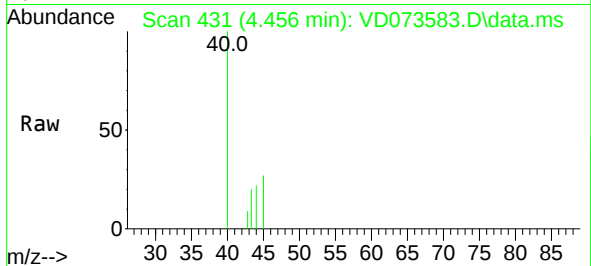
Tgt Ion: 43 Resp: 2363
Ion Ratio Lower Upper
43 100
58 24.1 22.1 33.1



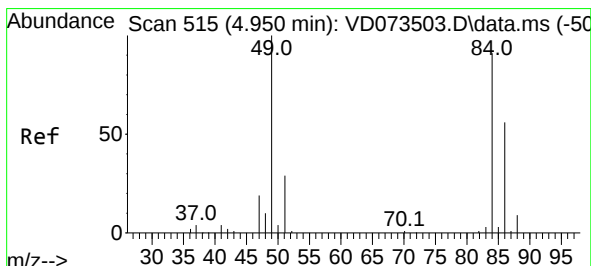
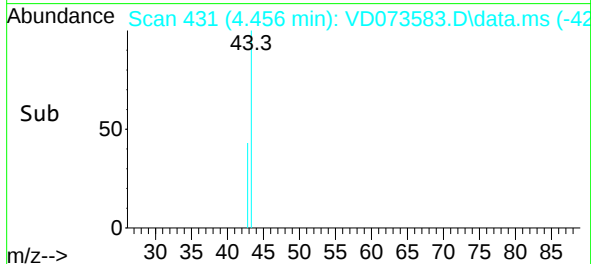
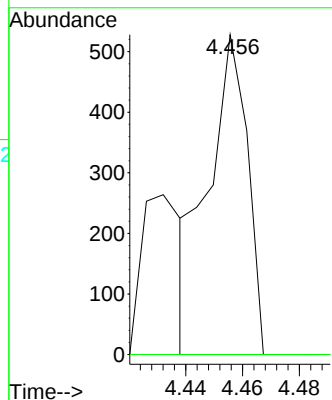


#18
Methyl Acetate
Concen: 1.651 ug/l
RT: 4.456 min Scan# 41
Delta R.T. -0.259 min
Lab File: VD073583.D
Acq: 15 Jun 2022 10:35

Instrument :
MSVOA_D
ClientSampleId :

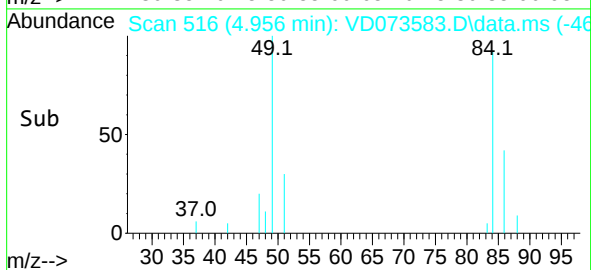
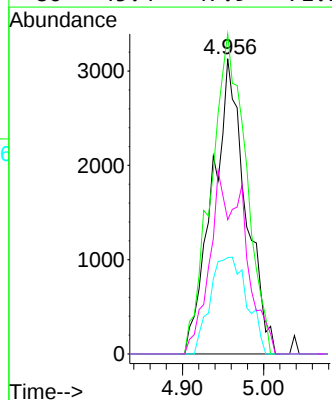
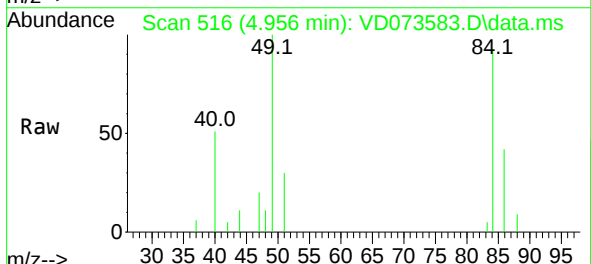


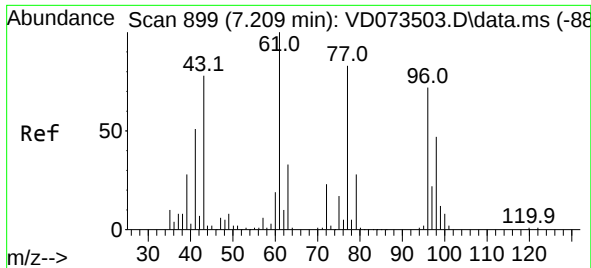
Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073583.D
Acq: 15 Jun 2022 10:35

Tgt Ion: 84 Resp: 8952
Ion Ratio Lower Upper
84 100
49 108.4 112.8 169.2#
51 32.6 32.6 48.8
86 45.4 47.9 71.9#

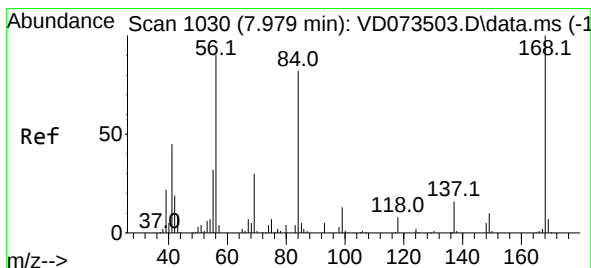
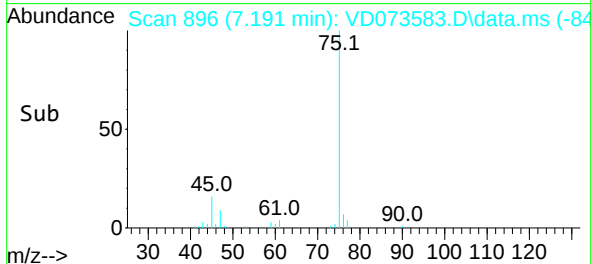
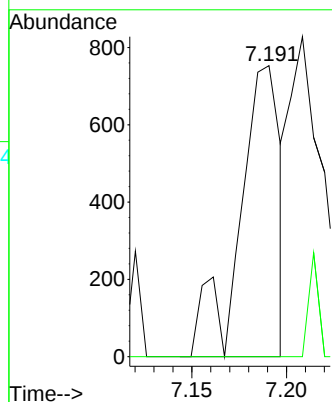
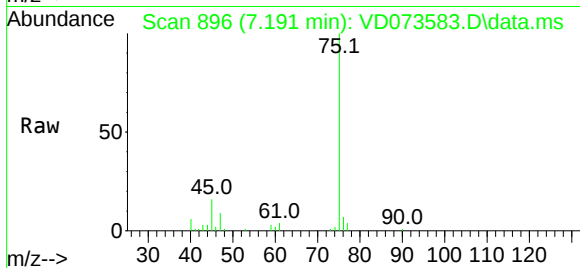




#25
2-Butanone
Concen: 1.245 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.018 min
Lab File: VD073583.D
Acq: 15 Jun 2022 10:35

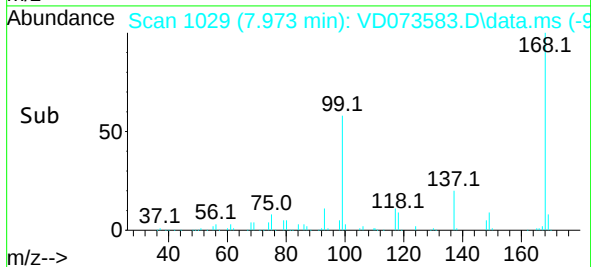
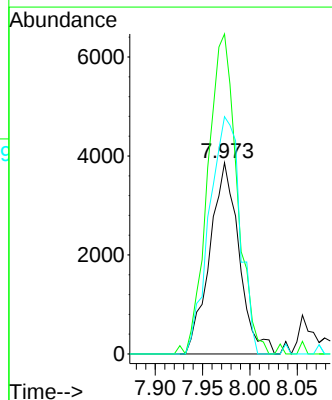
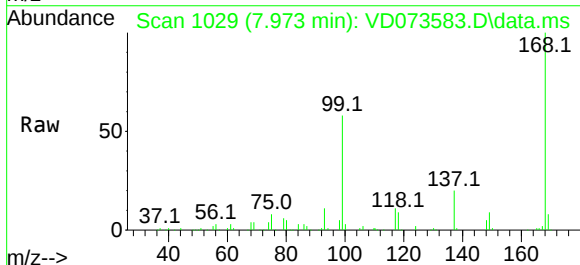
Instrument :
MSVOA_D
ClientSampleId :

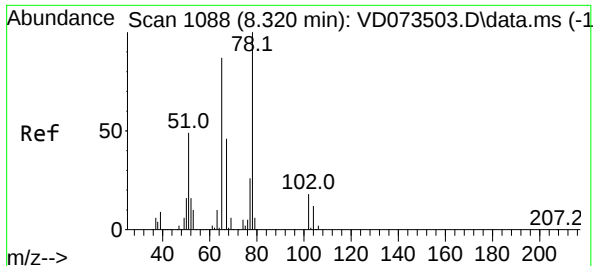
Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073583.D
Acq: 15 Jun 2022 10:35

Tgt Ion: 56 Resp: 8310
Ion Ratio Lower Upper
56 100
69 163.1 25.4 38.2#
84 124.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 50.516 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073583.D

Acq: 15 Jun 2022 10:35

Instrument :

MSVOA_D

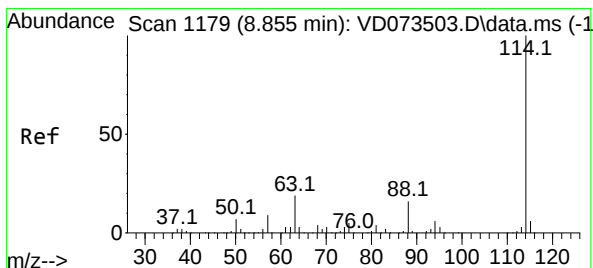
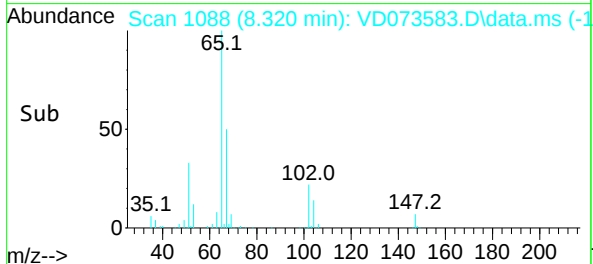
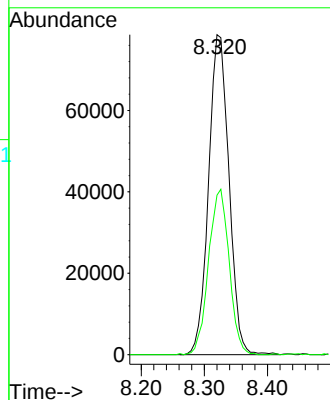
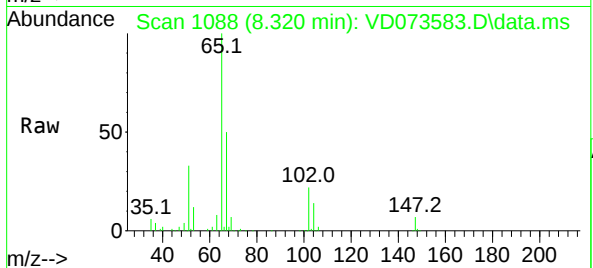
ClientSampleId :

Tgt Ion: 65 Resp: 176243

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073583.D

Acq: 15 Jun 2022 10:35

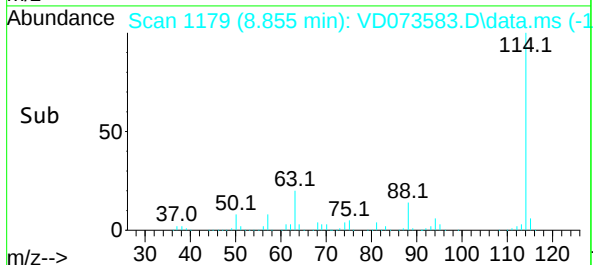
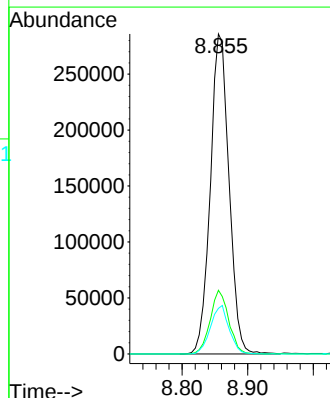
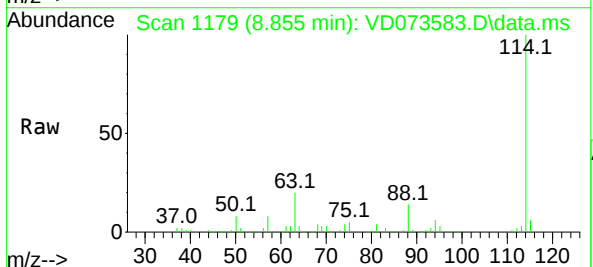
Tgt Ion: 114 Resp: 565632

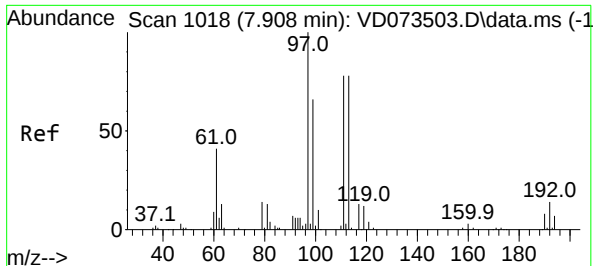
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 14.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.086 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

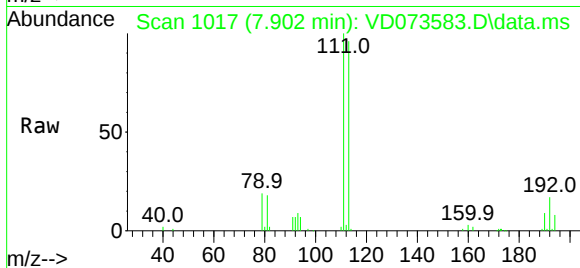
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Acq: 15 Jun 2022 10:35

Instrument :

MSVOA_D

ClientSampleId :



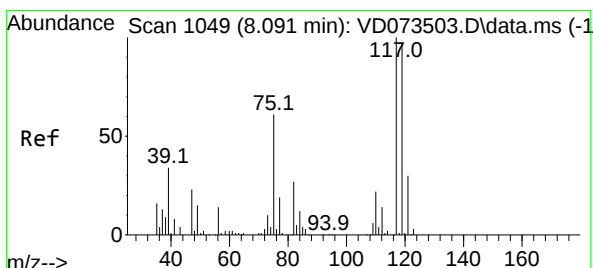
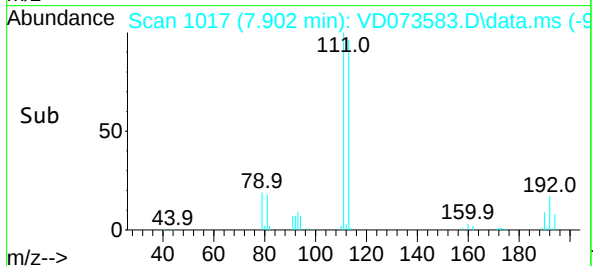
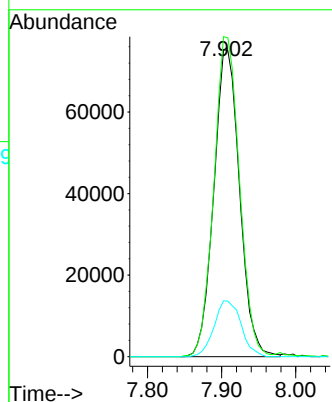
Tgt Ion:113 Resp: 182174

Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 19.0 14.6 21.8



#38

Carbon Tetrachloride

Concen: 6.133 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073583.D

Acq: 15 Jun 2022 10:35

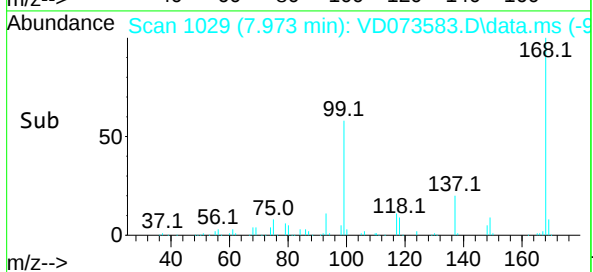
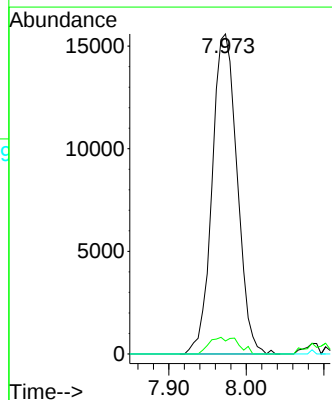
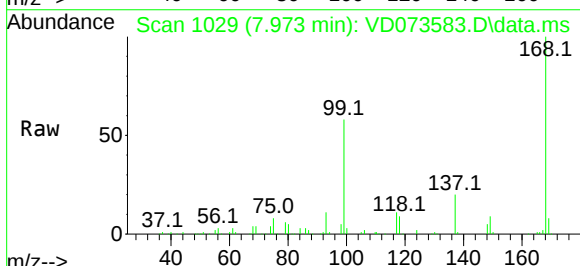
Tgt Ion:117 Resp: 35049

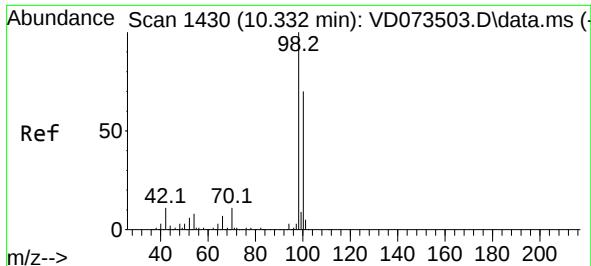
Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.6#

121 0.0 24.5 36.7#

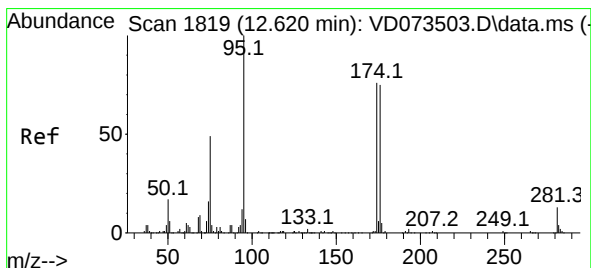
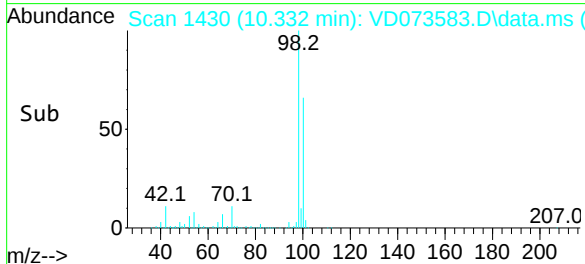
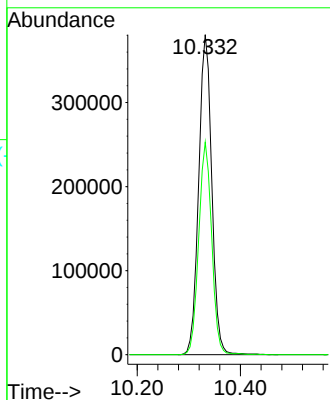
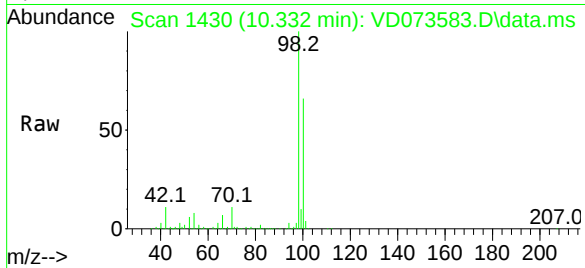




#50
Toluene-d8
Concen: 48.637 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073583.D
Acq: 15 Jun 2022 10:35

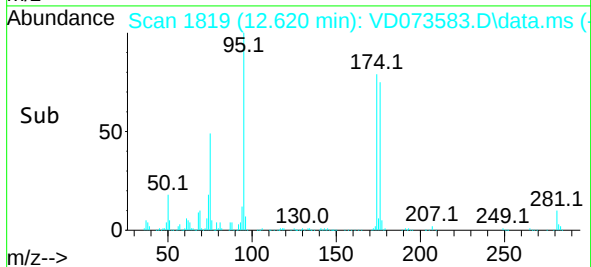
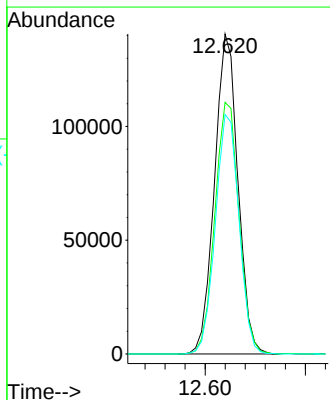
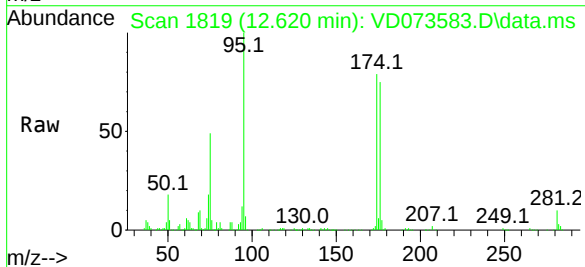
Instrument :
MSVOA_D
ClientSampleId :

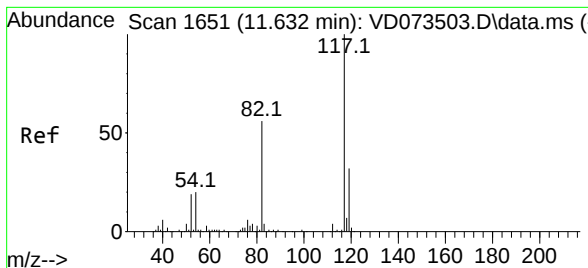
Tgt Ion: 98 Resp: 668851
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.570 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073583.D
Acq: 15 Jun 2022 10:35

Tgt Ion: 95 Resp: 227500
Ion Ratio Lower Upper
95 100
174 81.1 0.0 152.8
176 75.6 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.006 min

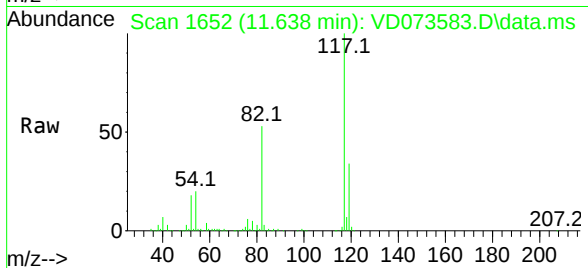
Lab File: VD073583.D

Acq: 15 Jun 2022 10:35

Instrument :

MSVOA_D

ClientSampleId :



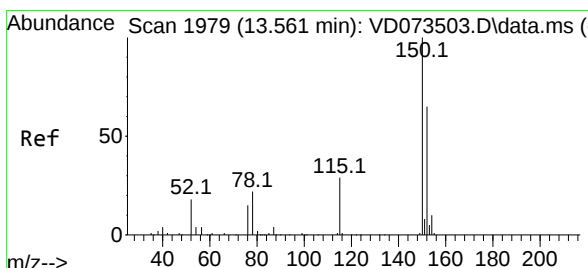
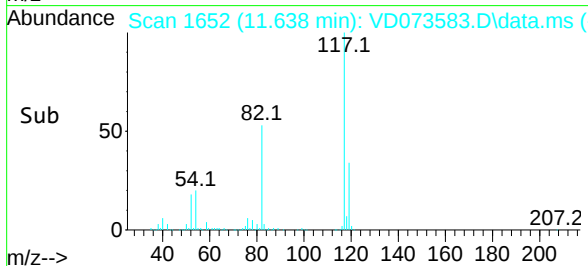
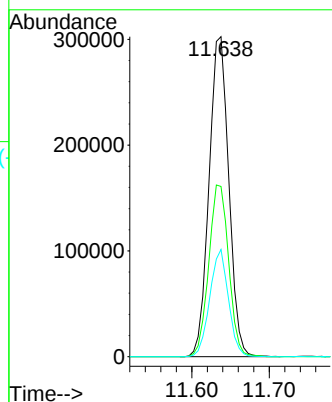
Tgt Ion:117 Resp: 535056

Ion Ratio Lower Upper

117 100

82 53.2 45.3 67.9

119 33.5 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073583.D

Acq: 15 Jun 2022 10:35

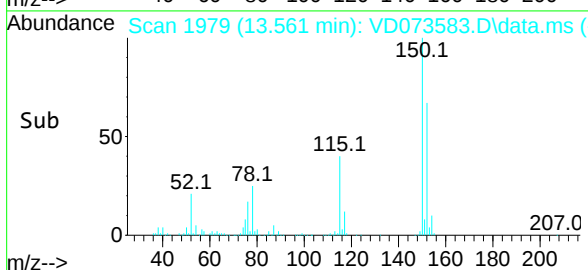
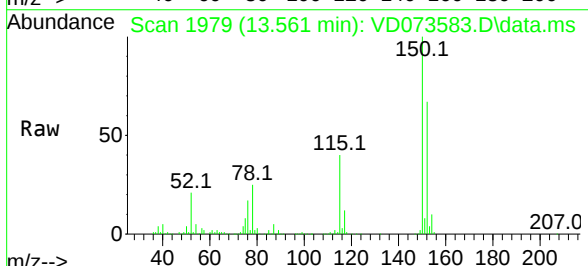
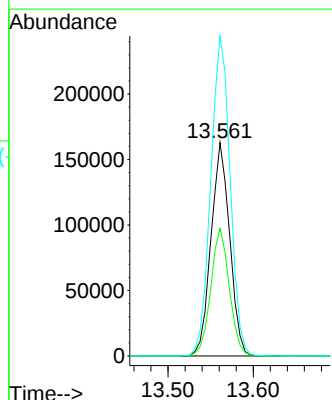
Tgt Ion:152 Resp: 248117

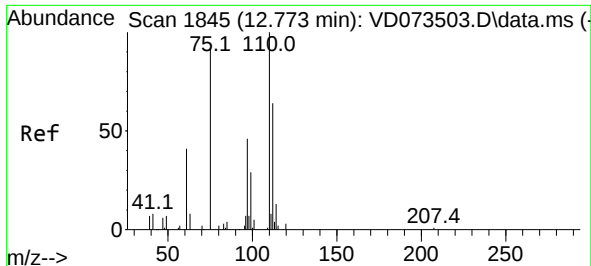
Ion Ratio Lower Upper

152 100

115 59.2 31.3 93.8

150 155.5 0.0 348.6

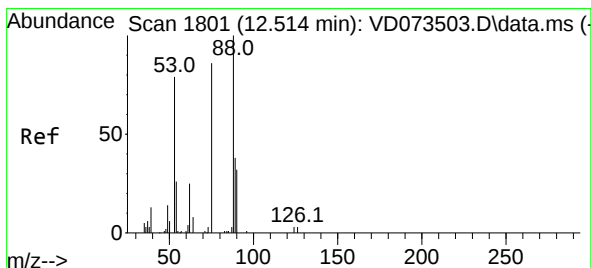
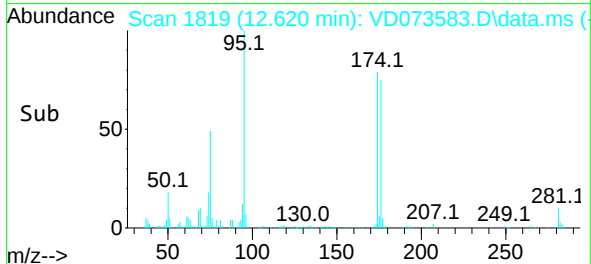
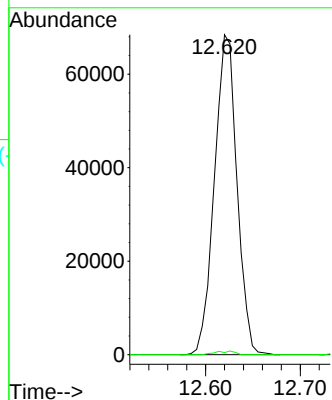
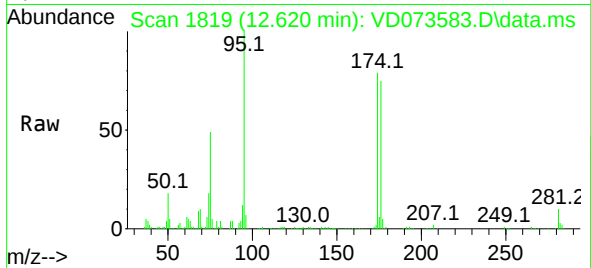




#76
1,2,3-Trichloropropane
Concen: 47.028 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073583.D
Acq: 15 Jun 2022 10:35

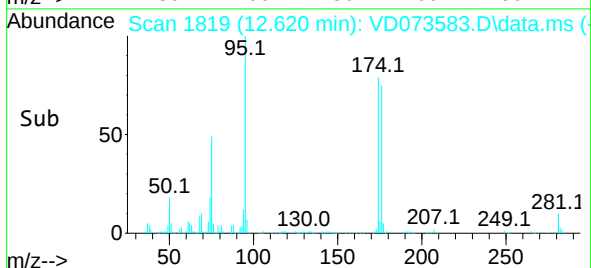
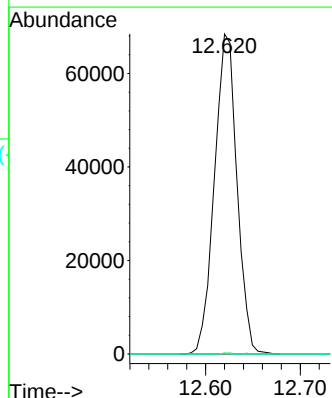
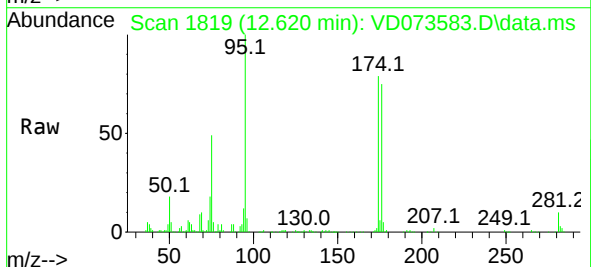
Instrument :
MSVOA_D
ClientSampleId :

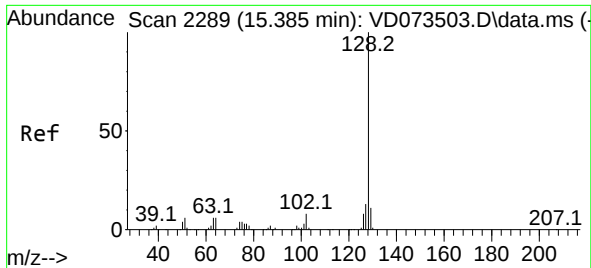
Tgt Ion: 75 Resp: 113355
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.383 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073583.D
Acq: 15 Jun 2022 10:35

Tgt Ion: 75 Resp: 113355
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#





#95

Naphthalene

Concen: 4.285 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.001 min

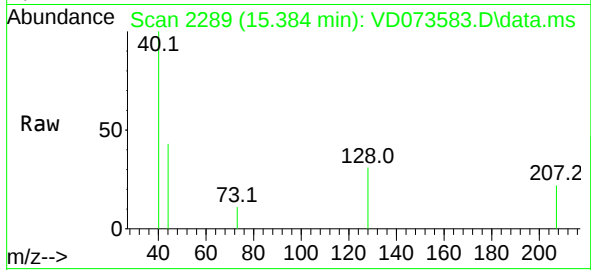
Lab File: VD073583.D

Acq: 15 Jun 2022 10:35

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	128	Resp:	797
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

