

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074197.D
 Acq On : 23 Aug 2022 22:08
 Operator : VA/SY
 Sample : VY0823SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBL02

Quant Time: Aug 24 06:21:55 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

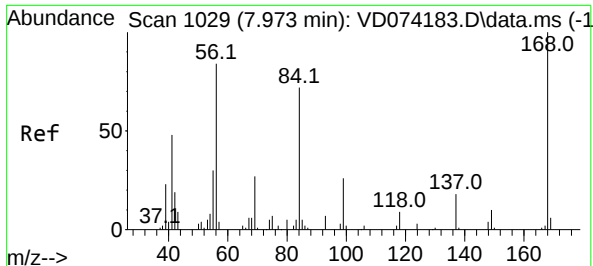
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	140307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	238194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	235857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	74400	51.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.780%	
35) Dibromofluoromethane	7.908	113	82098	51.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.060%	
50) Toluene-d8	10.332	98	229080	44.675	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.340%	
62) 4-Bromofluorobenzene	12.620	95	96181	47.480	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.960%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	5717	4.856	ug/l	90
11) Tert butyl alcohol	5.173	59	317	3.551	ug/l #	74
16) Acetone	4.162	43	1477	5.407	ug/l #	85
17) Carbon Disulfide	4.397	76	670	2.157	ug/l #	74
18) Methyl Acetate	4.932	43	369	Below Cal	#	55
20) Methylene Chloride	4.962	84	23208	8.509	ug/l #	83
23) Vinyl Acetate	6.297	43	124	10.120	ug/l #	75
25) 2-Butanone	7.185	43	1268	2.999	ug/l #	52
26) 2,2-Dichloropropane	7.191	77	2977	1.127	ug/l #	54
31) Cyclohexane	7.961	56	3454	1.353	ug/l #	13
36) 1,1-Dichloropropene	7.979	75	11224	4.661	ug/l #	50
38) Carbon Tetrachloride	7.973	117	15047	5.817	ug/l #	16
39) Methylcyclohexane	9.344	83	639	2.416	ug/l #	63
76) 1,2,3-Trichloropropane	12.620	75	49061	46.363	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	49061	119.229	ug/l #	7
95) Naphthalene	15.379	128	851	3.623	ug/l #	70

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

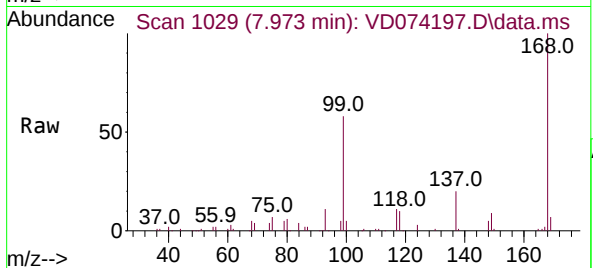
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Quant Title : SW846 8260
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Response via : Initial Calibration



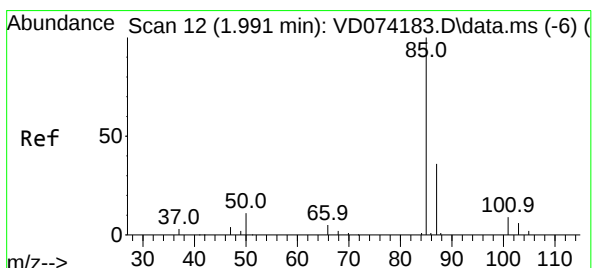
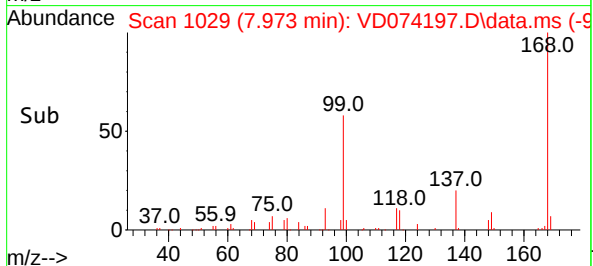
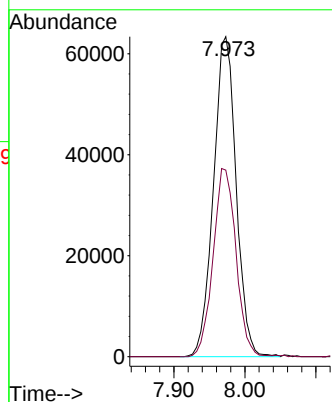


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL02

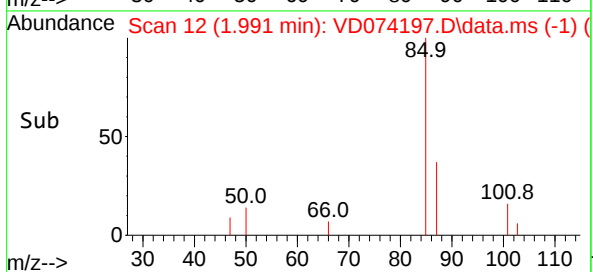
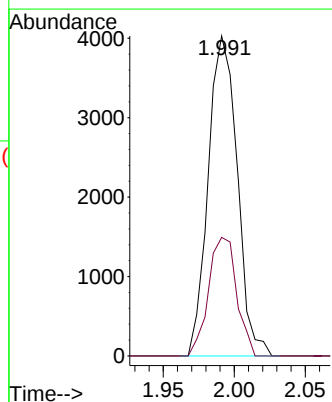
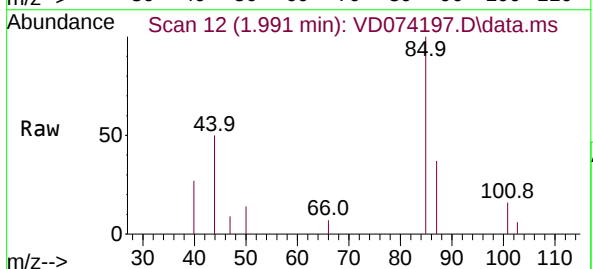


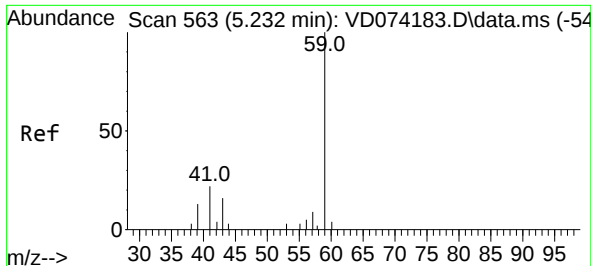
Tgt Ion:168 Resp: 140307
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 4.856 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

Tgt Ion: 85 Resp: 5717
Ion Ratio Lower Upper
85 100
87 37.0 15.7 47.0

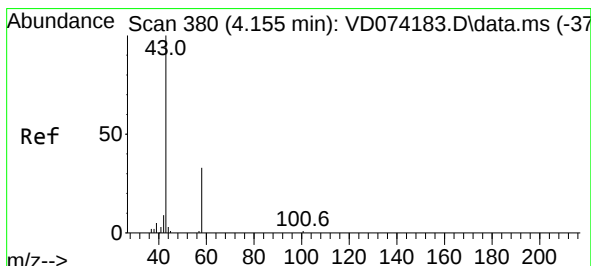
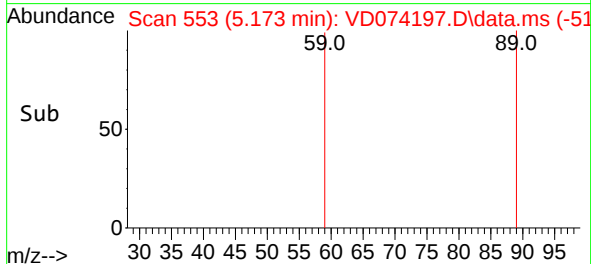
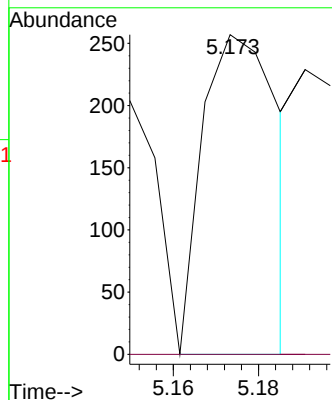
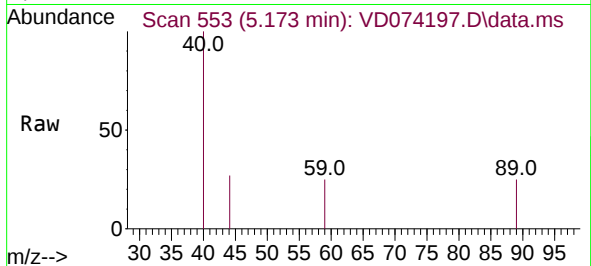




#11
Tert butyl alcohol
Concen: 3.551 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.059 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

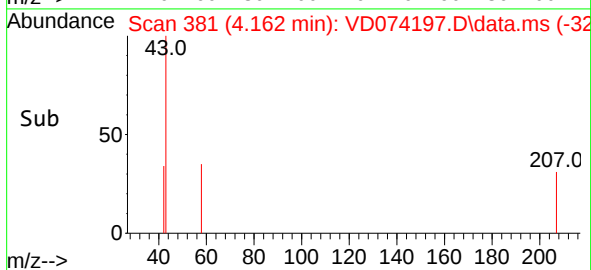
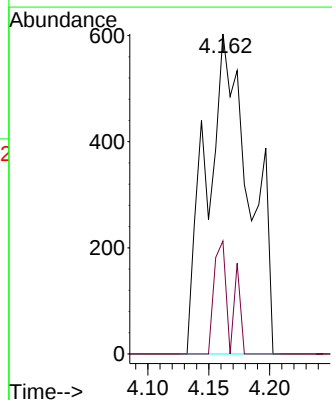
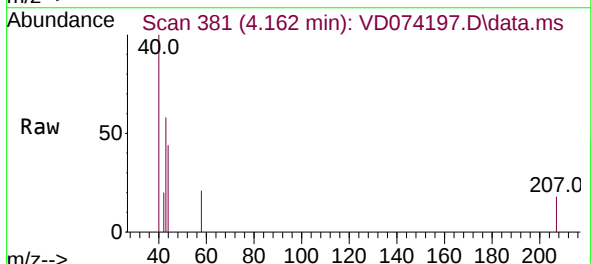
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL02

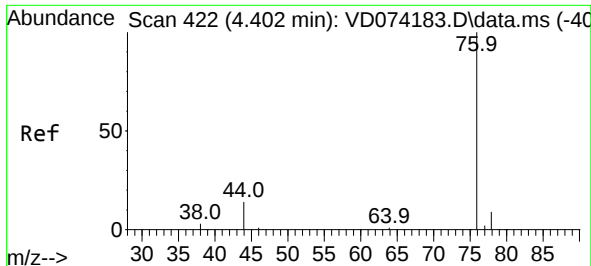
Tgt Ion: 59 Resp: 317
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 5.407 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

Tgt Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
58 35.3 22.1 33.1#

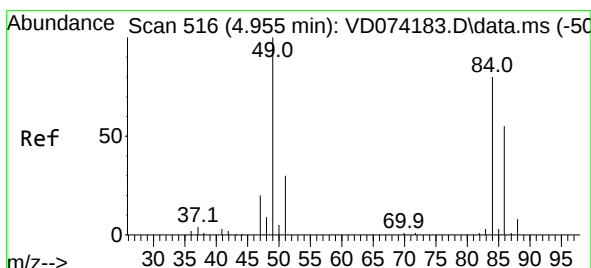
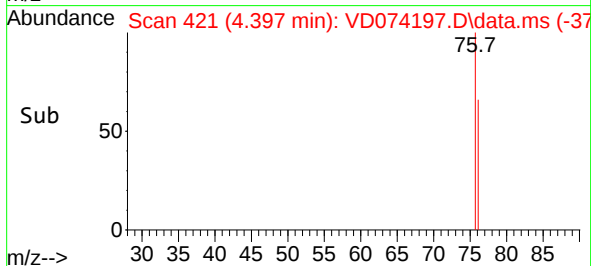
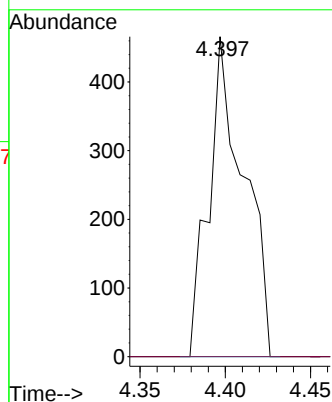
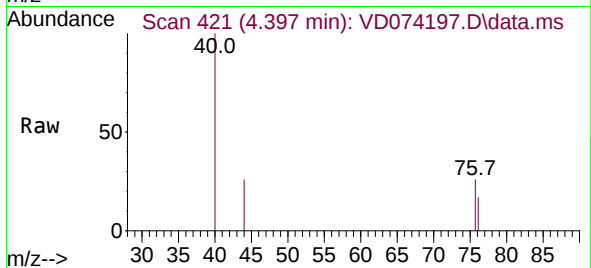




#17
Carbon Disulfide
Concen: 2.157 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

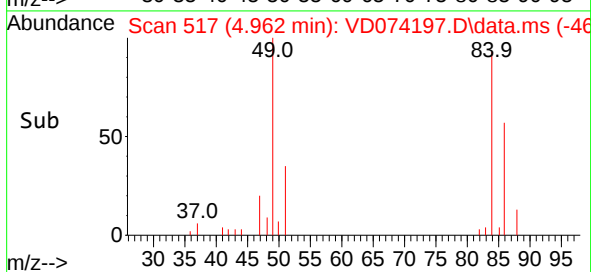
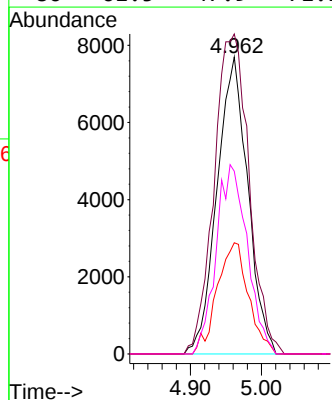
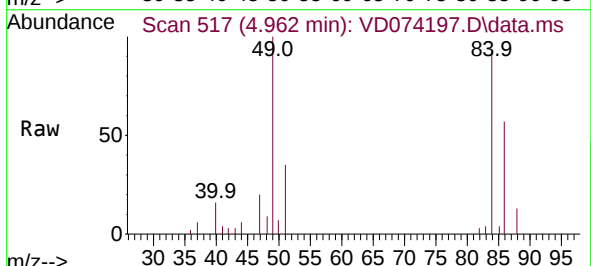
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL02

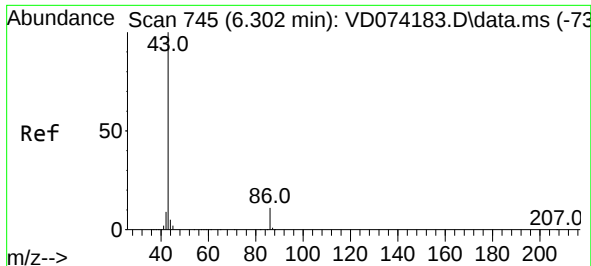
Tgt Ion: 76 Resp: 670
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 8.509 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.007 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

Tgt Ion: 84 Resp: 23208
Ion Ratio Lower Upper
84 100
49 107.7 112.8 169.2#
51 37.4 32.6 48.8
86 61.5 47.9 71.9

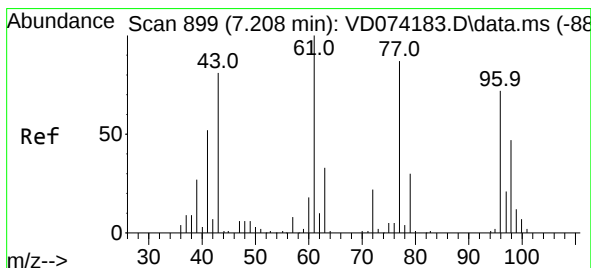
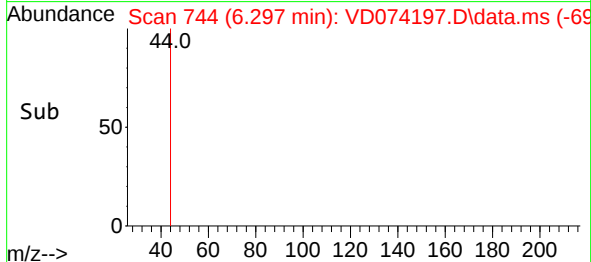
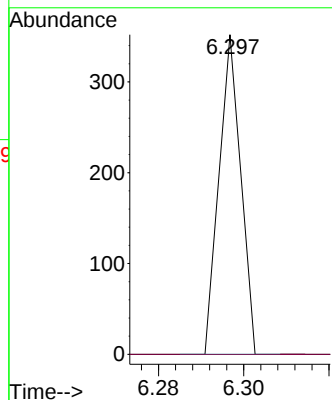
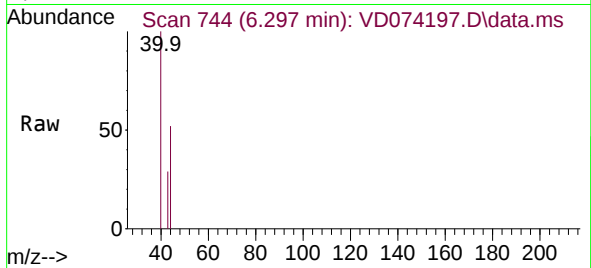




#23
 Vinyl Acetate
 Concen: 10.120 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.005 min
 Lab File: VD074197.D
 Acq: 23 Aug 2022 22:08

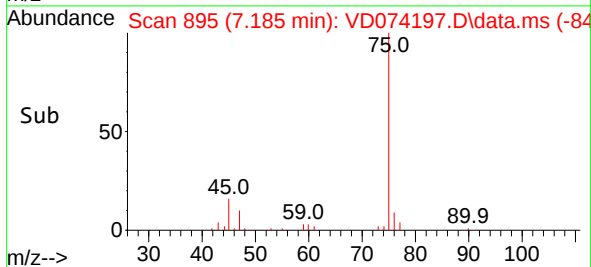
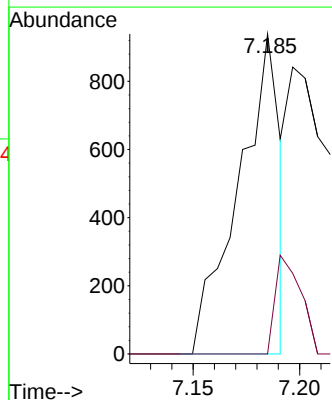
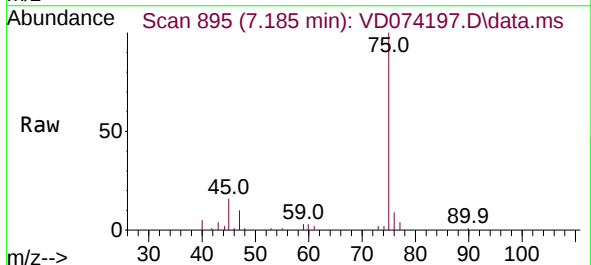
Instrument :
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 ClientSampleId :
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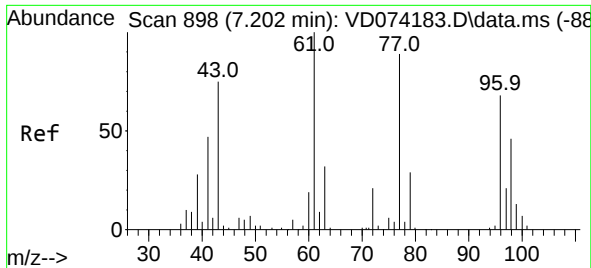
Tgt Ion: 43 Resp: 124
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 2.999 ug/l
 RT: 7.185 min Scan# 895
 Delta R.T. -0.023 min
 Lab File: VD074197.D
 Acq: 23 Aug 2022 22:08

Tgt Ion: 43 Resp: 1268
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.6 27.8#

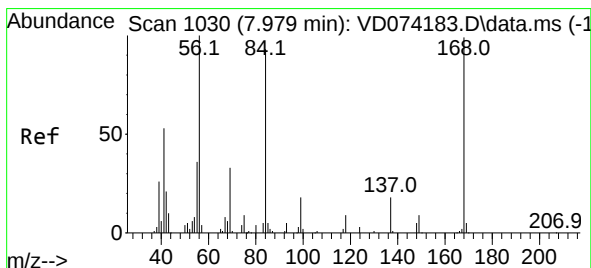
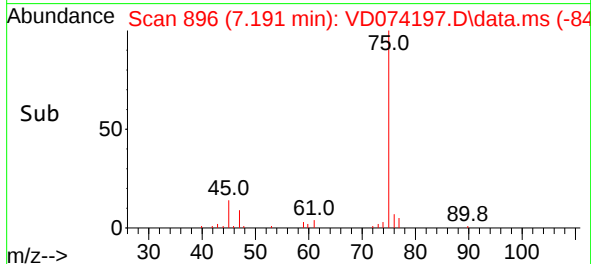
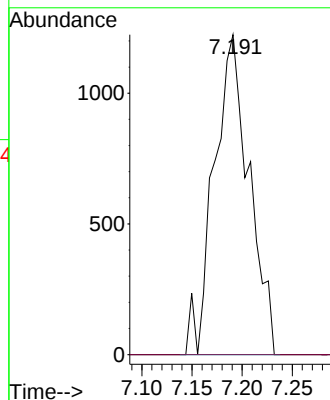
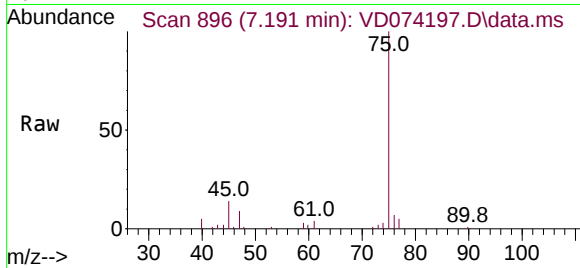




#26
2,2-Dichloropropane
Concen: 1.127 ug/l
RT: 7.191 min Scan# 898
Delta R.T. -0.011 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

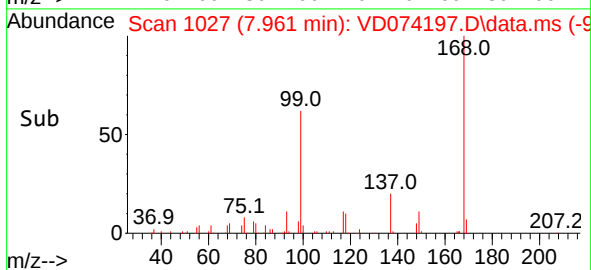
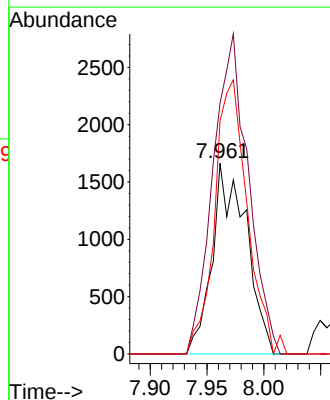
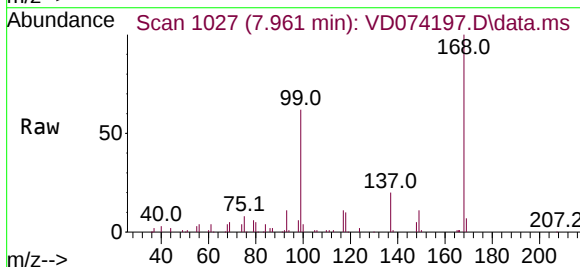
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL02

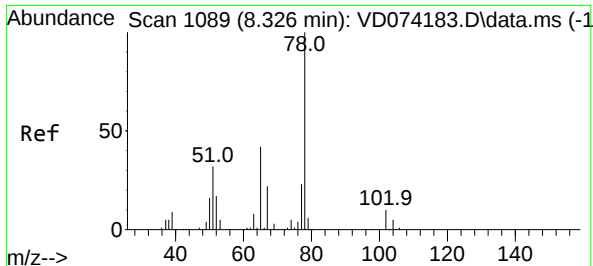
Tgt Ion: 77 Resp: 2977
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



#31
Cyclohexane
Concen: 1.353 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.018 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

Tgt Ion: 56 Resp: 3454
Ion Ratio Lower Upper
56 100
69 131.5 25.4 38.2#
84 122.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.893 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074197.D

Acq: 23 Aug 2022 22:08

Instrument :

MSVOA_D

ClientSampleId :

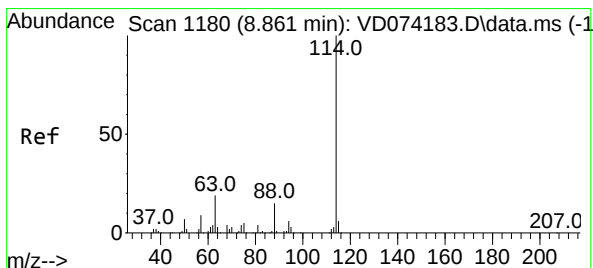
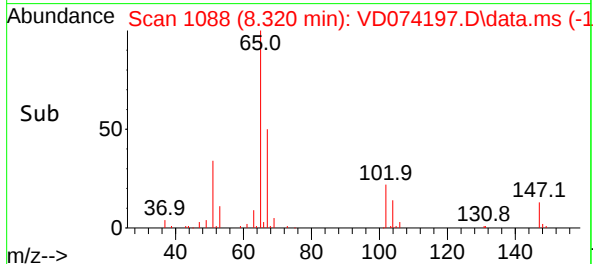
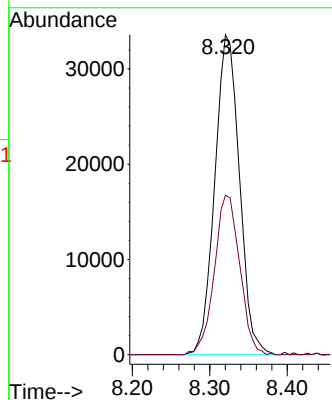
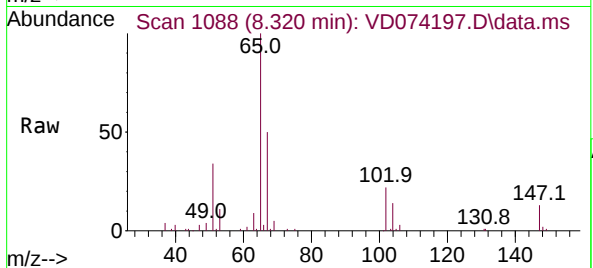
VD0823SBL02

Tgt Ion: 65 Resp: 74400

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074197.D

Acq: 23 Aug 2022 22:08

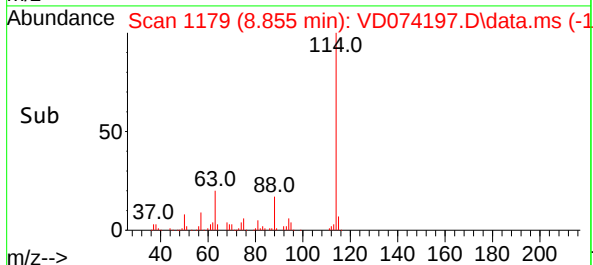
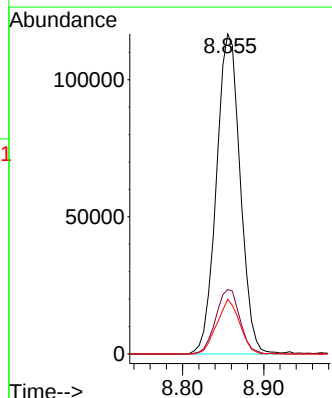
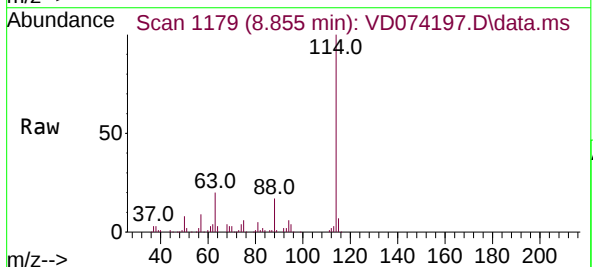
Tgt Ion: 114 Resp: 238194

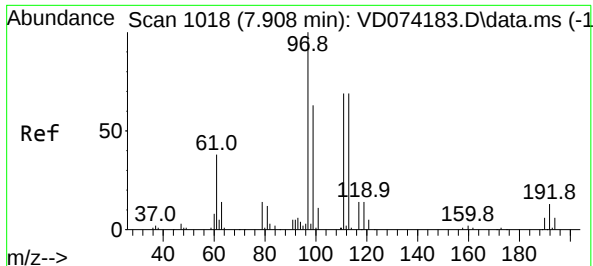
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.529 ug/l

RT: 7.908 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD074197.D

Acq: 23 Aug 2022 22:08

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBL02

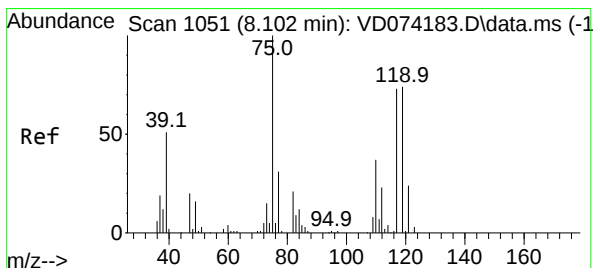
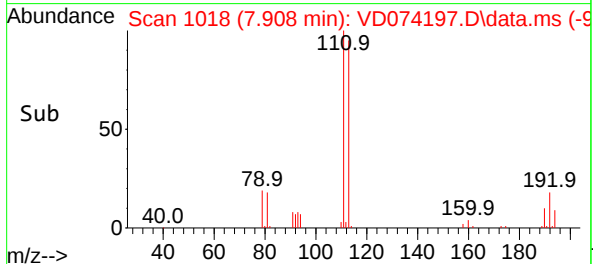
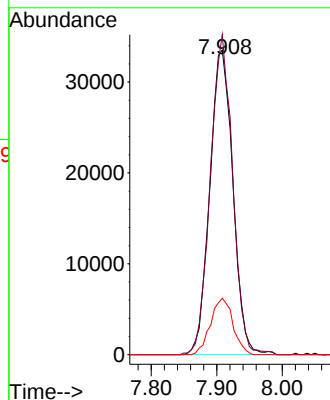
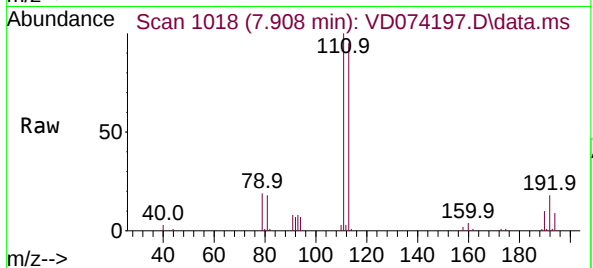
Tgt Ion:113 Resp: 82098

Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.661 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.123 min

Lab File: VD074197.D

Acq: 23 Aug 2022 22:08

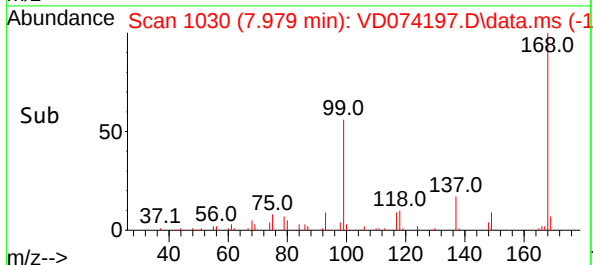
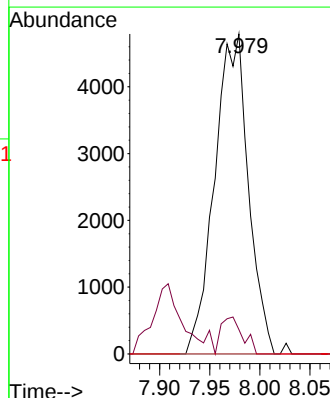
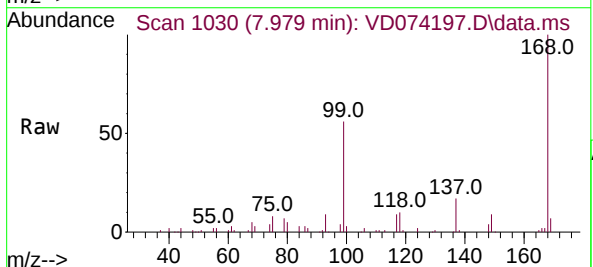
Tgt Ion: 75 Resp: 11224

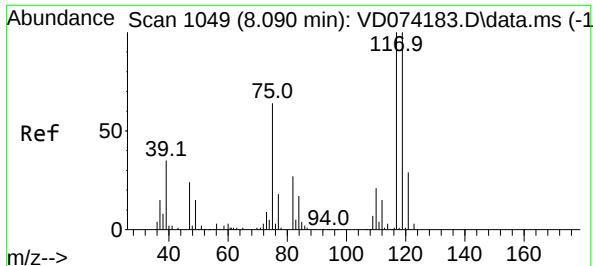
Ion Ratio Lower Upper

75 100

110 7.4 16.4 49.1#

77 0.0 24.2 36.2#

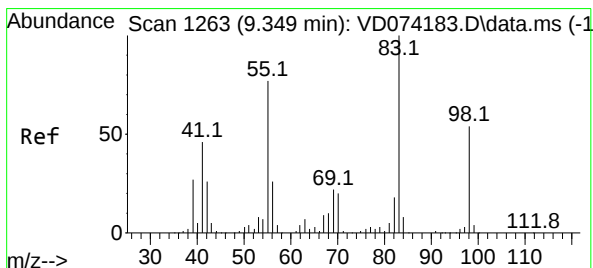
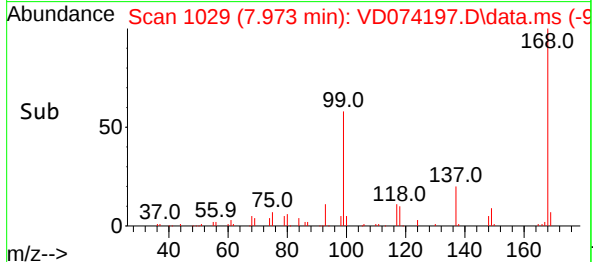
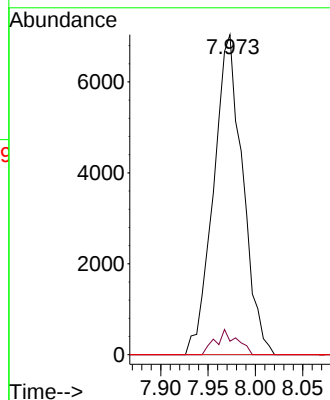
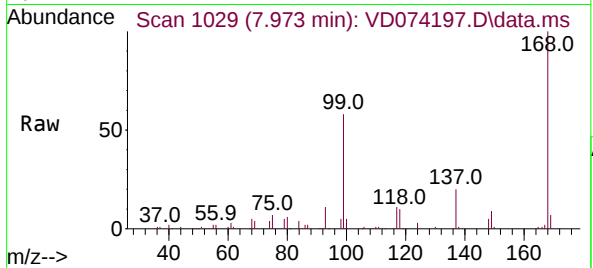




#38
Carbon Tetrachloride
Concen: 5.817 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.117 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

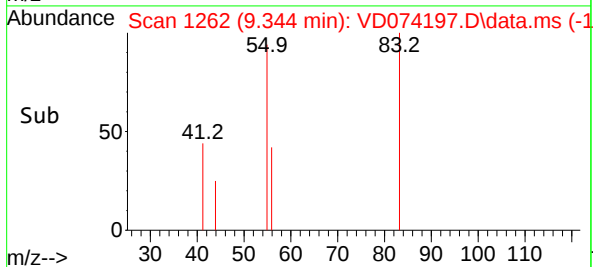
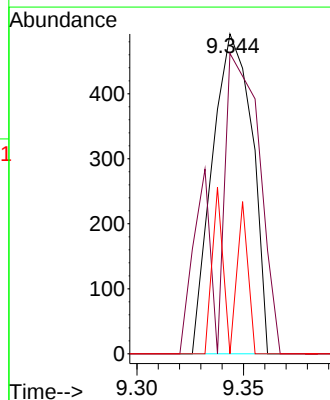
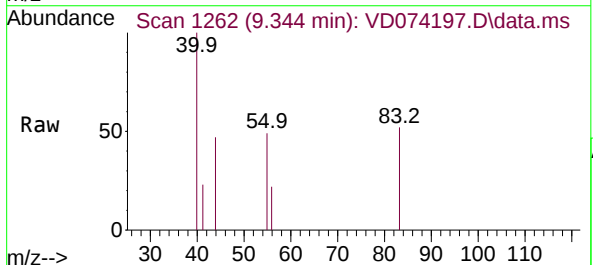
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL02

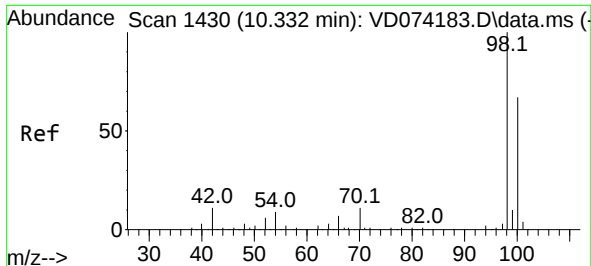
Tgt Ion:117 Resp: 15047
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 2.416 ug/l
RT: 9.344 min Scan# 1262
Delta R.T. -0.005 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

Tgt Ion: 83 Resp: 639
Ion Ratio Lower Upper
83 100
55 93.9 63.2 94.8
98 0.0 38.2 57.4#

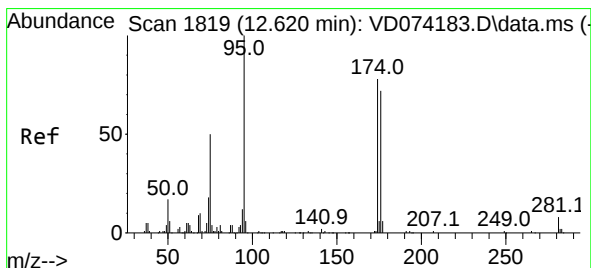
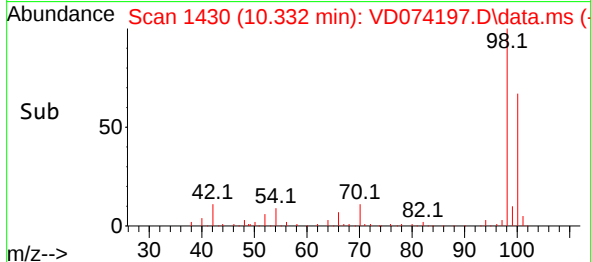
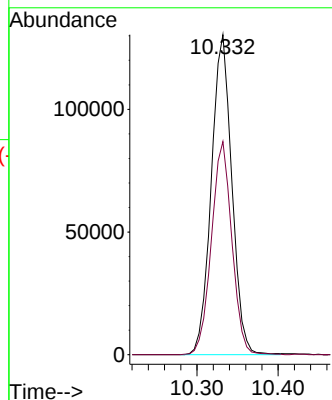
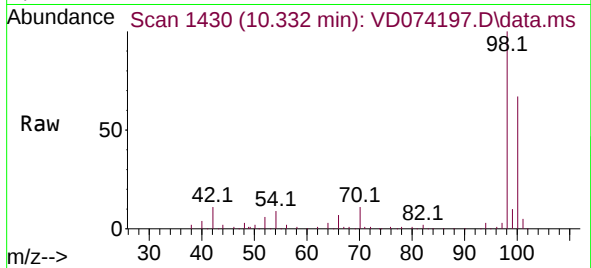




#50
Toluene-d8
Concen: 44.675 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

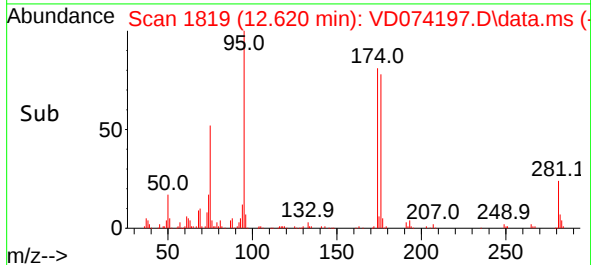
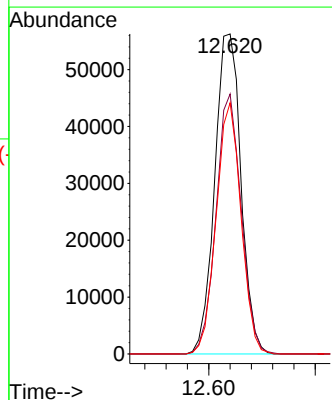
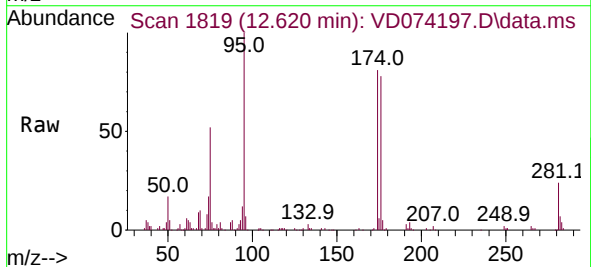
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL02

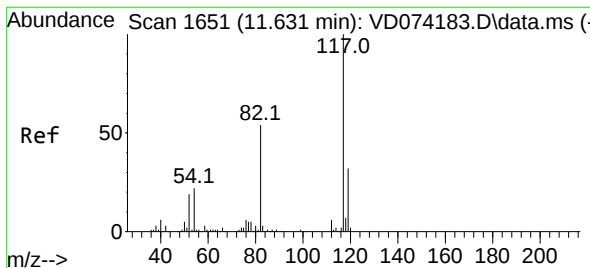
Tgt Ion: 98 Resp: 229080
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.480 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

Tgt Ion: 95 Resp: 96181
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 74.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD074197.D

Acq: 23 Aug 2022 22:08

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBL02

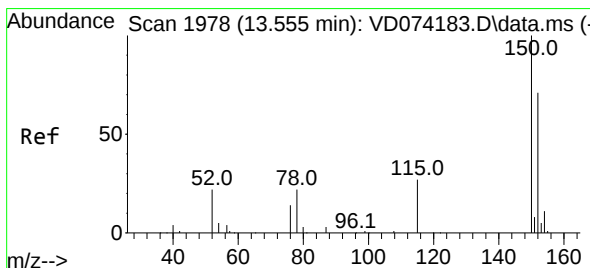
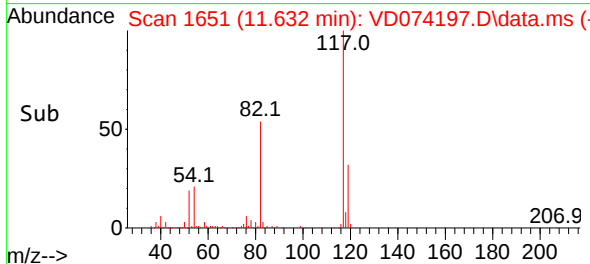
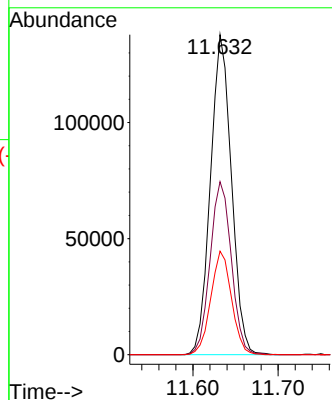
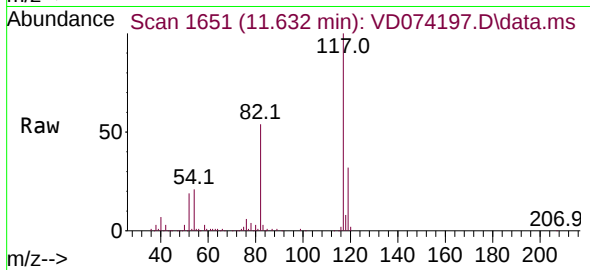
Tgt Ion:117 Resp: 235857

Ion Ratio Lower Upper

117 100

82 54.0 45.3 67.9

119 32.3 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.006 min

Lab File: VD074197.D

Acq: 23 Aug 2022 22:08

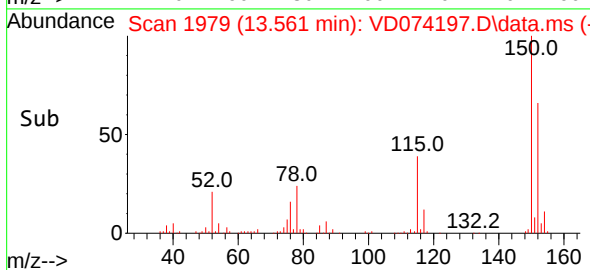
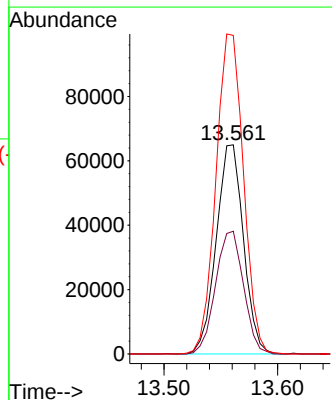
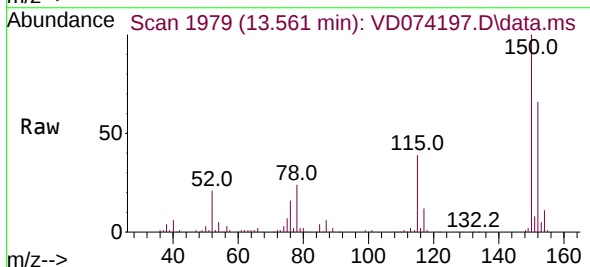
Tgt Ion:152 Resp: 108374

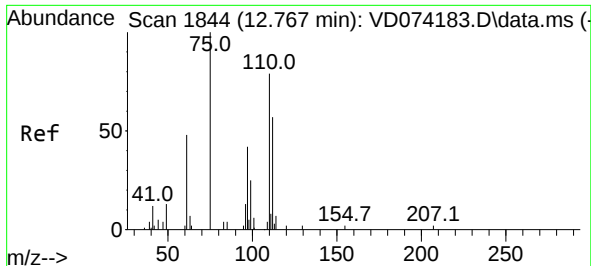
Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 154.9 0.0 348.6

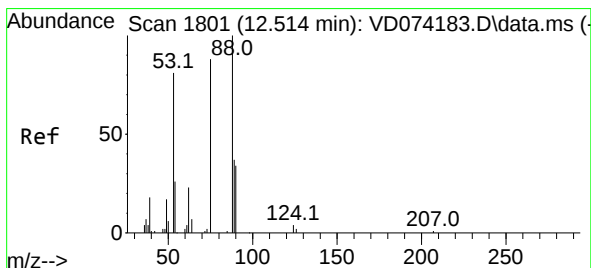
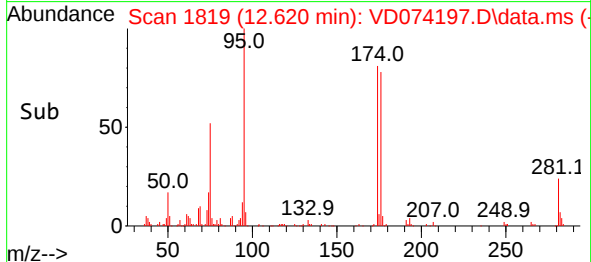
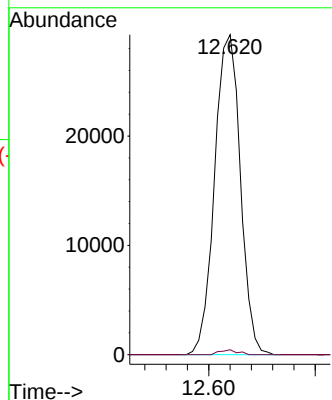
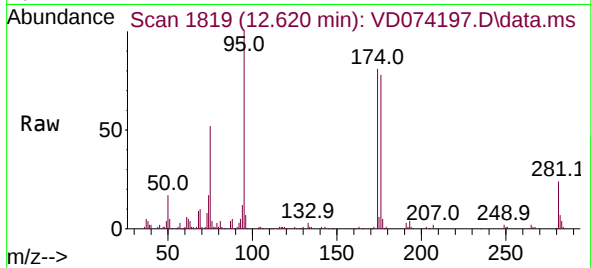




#76
1,2,3-Trichloropropane
Concen: 46.363 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

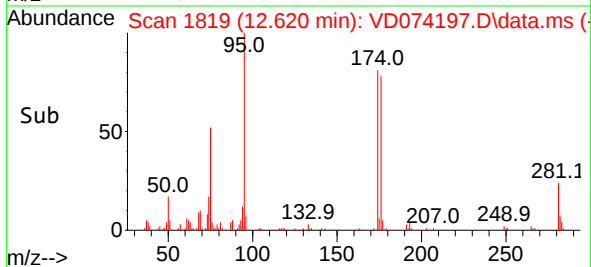
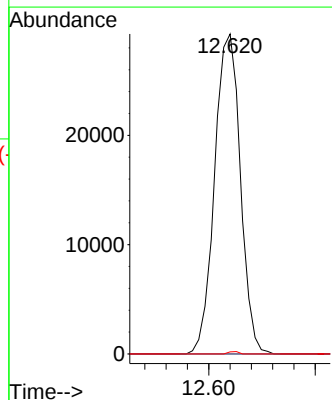
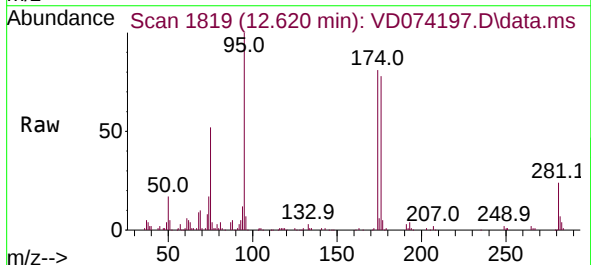
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL02

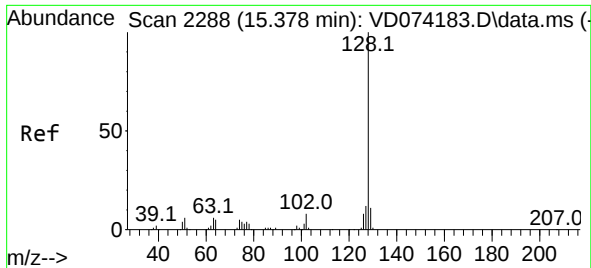
Tgt Ion: 75 Resp: 49061
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.229 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

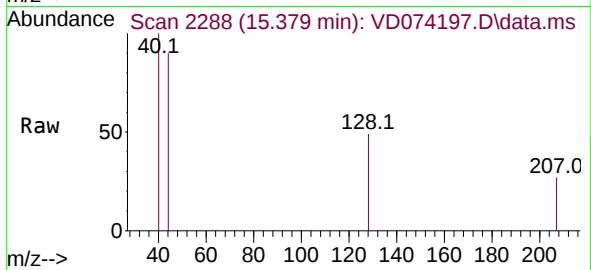
Tgt Ion: 75 Resp: 49061
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.3 33.9 50.9#





#95
Naphthalene
Concen: 3.623 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL02



Tgt Ion:128 Resp: 851
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

