

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073591.D
 Acq On : 15 Jun 2022 15:05
 Operator : VA/SY
 Sample : N3329-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 06:03:35 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)

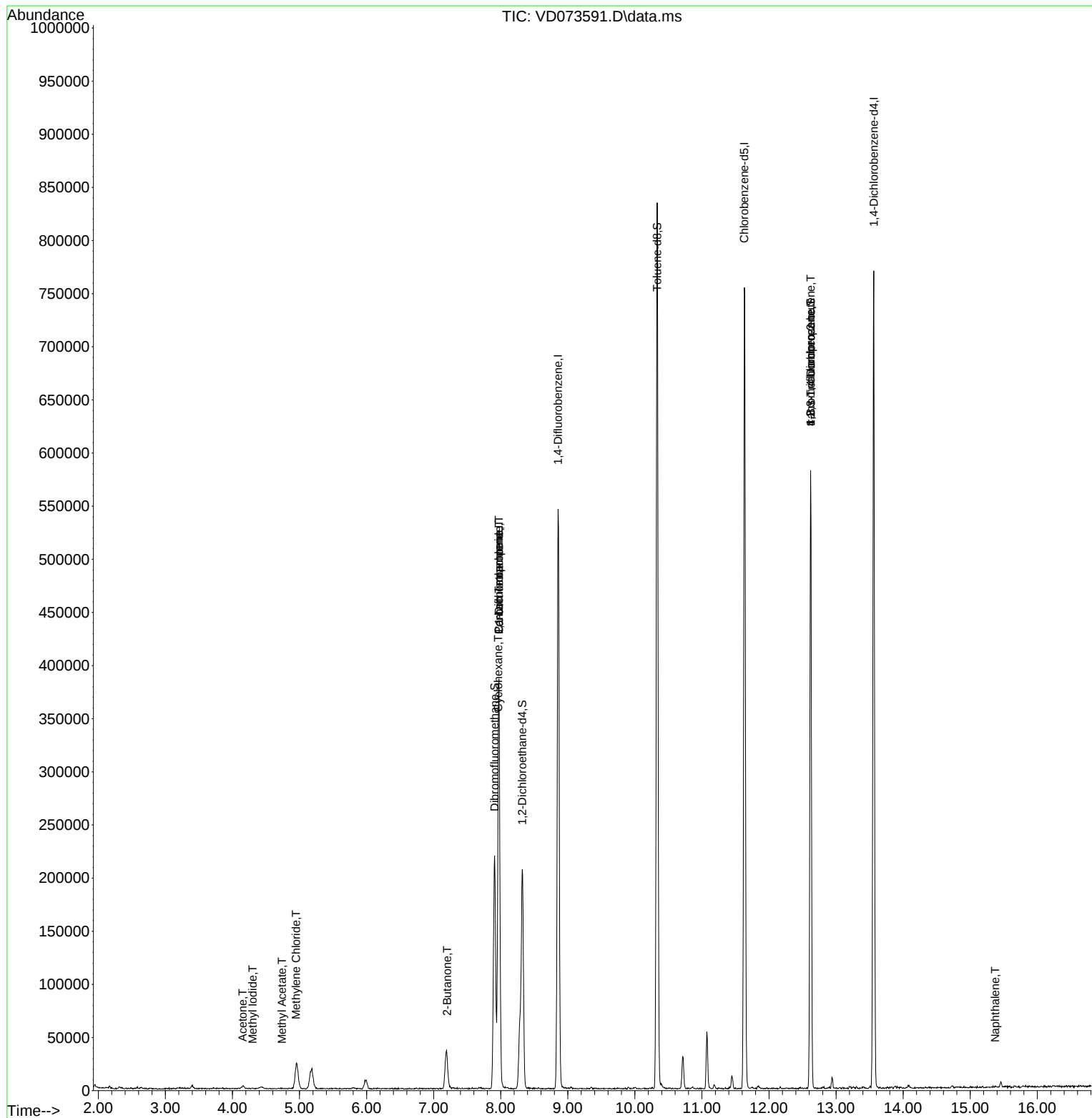
Internal Standards						
1) Pentafluorobenzene	7.973	168	276470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	477587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	453073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	210677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	163318	55.047	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.100%
35) Dibromofluoromethane	7.908	113	157245	51.202	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.400%
50) Toluene-d8	10.332	98	564646	48.629	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.620	95	192887	45.760	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.520%
Target Compounds						
						Qvalue
10) Methyl Iodide	4.303	142	372	4.273	ug/l #	87
11) Tert butyl alcohol	5.173	59	17259	Below Cal	#	74
16) Acetone	4.150	43	4744	9.081	ug/l	93
18) Methyl Acetate	4.738	43	60	1.409	ug/l #	55
20) Methylene Chloride	4.950	84	19664	2.932	ug/l #	74
25) 2-Butanone	7.203	43	2201	2.863	ug/l #	52
31) Cyclohexane	7.961	56	6166	1.234	ug/l #	7
36) 1,1-Dichloropropene	7.973	75	21799	4.726	ug/l #	52
38) Carbon Tetrachloride	7.973	117	29039	6.018	ug/l #	15
76) 1,2,3-Trichloropropane	12.620	75	95221	46.525	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	95221	109.203	ug/l #	7
95) Naphthalene	15.373	128	169	4.224	ug/l #	70

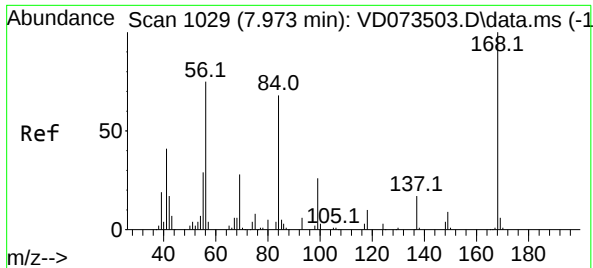
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 16 06:03:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
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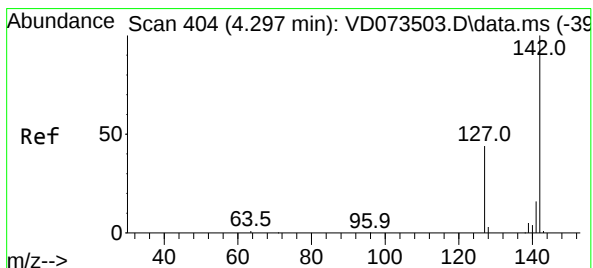
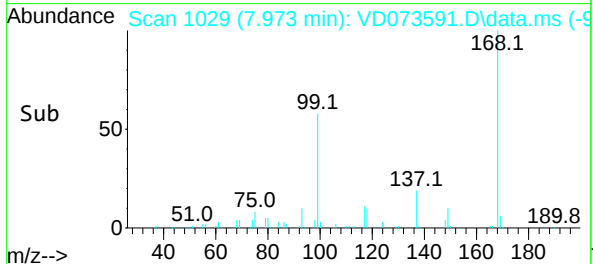
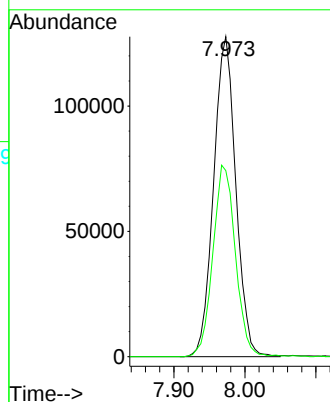
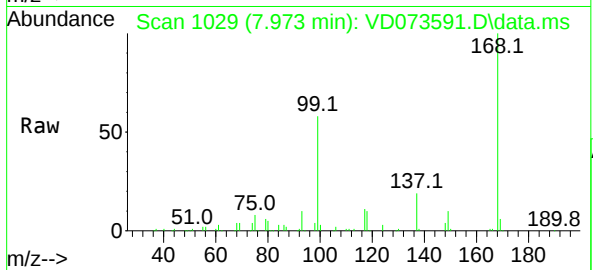




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073591.D
Acq: 15 Jun 2022 15:05

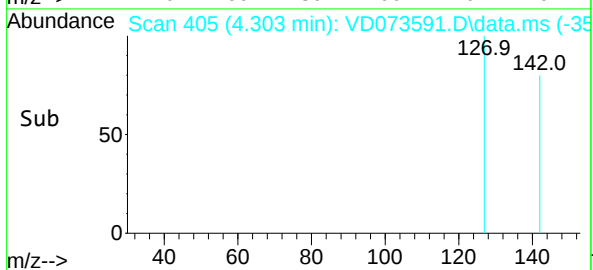
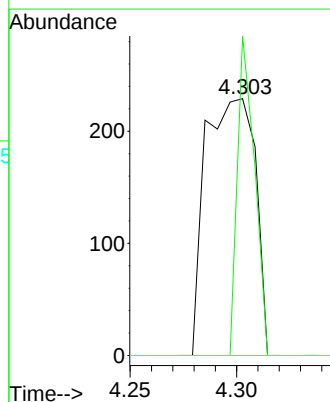
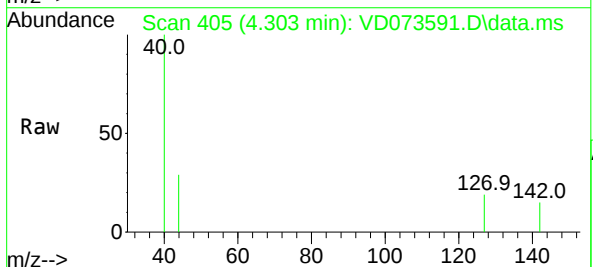
Instrument :
MSVOA_D
ClientSampleId :

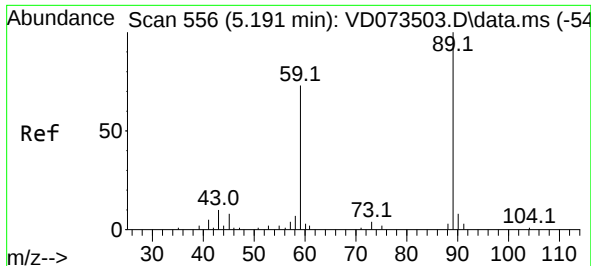
Tgt Ion:168 Resp: 276470
Ion Ratio Lower Upper
168 100
99 58.2 49.8 74.6



#10
Methyl Iodide
Concen: 4.273 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073591.D
Acq: 15 Jun 2022 15:05

Tgt Ion:142 Resp: 372
Ion Ratio Lower Upper
142 100
127 43.0 37.3 55.9
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.173 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD073591.D

Acq: 15 Jun 2022 15:05

Instrument :

MSVOA_D

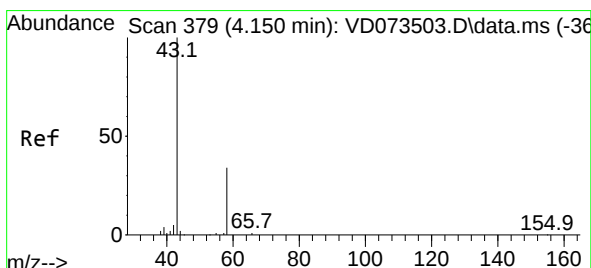
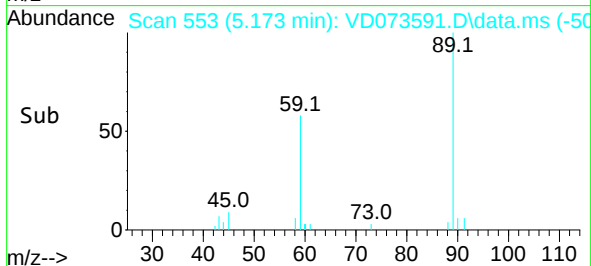
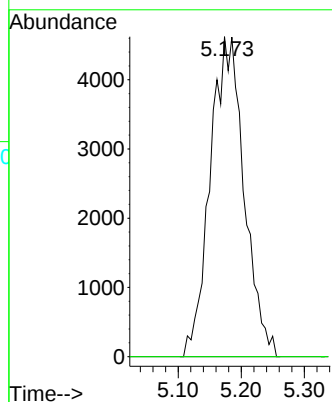
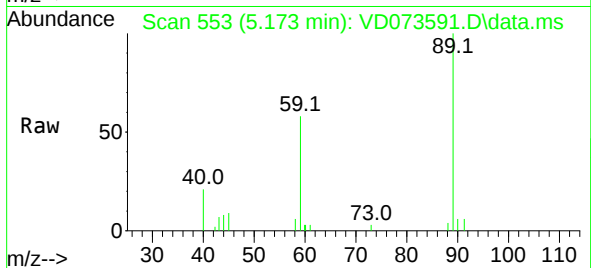
ClientSampleId :

Tgt Ion: 59 Resp: 17259

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 9.081 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.000 min

Lab File: VD073591.D

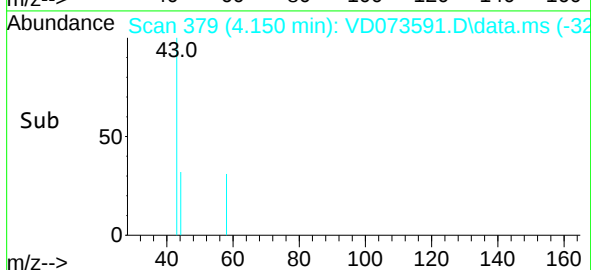
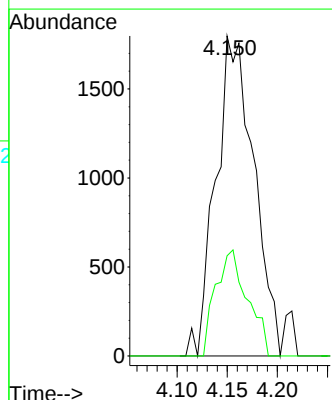
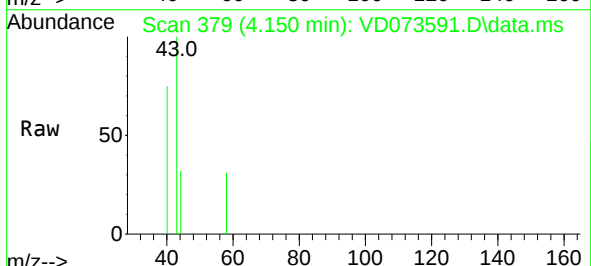
Acq: 15 Jun 2022 15:05

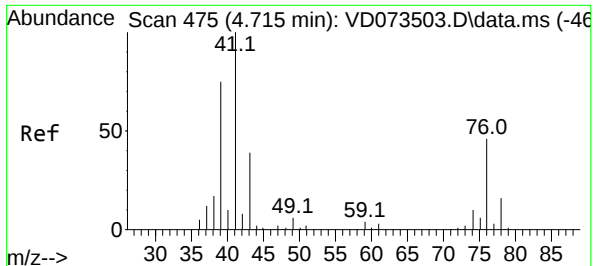
Tgt Ion: 43 Resp: 4744

Ion Ratio Lower Upper

43 100

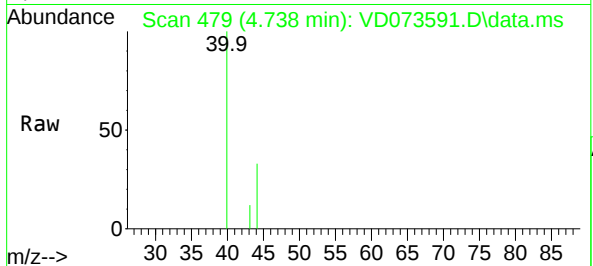
58 31.3 22.1 33.1



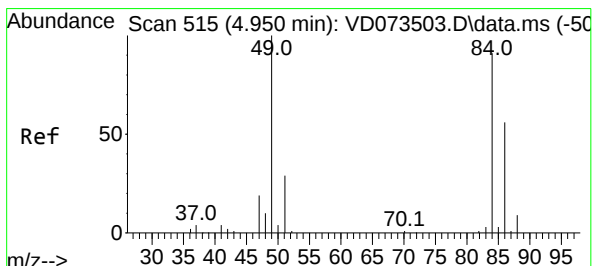
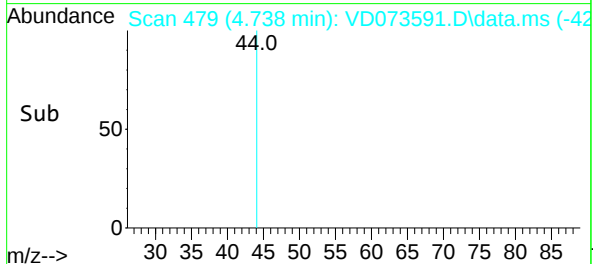
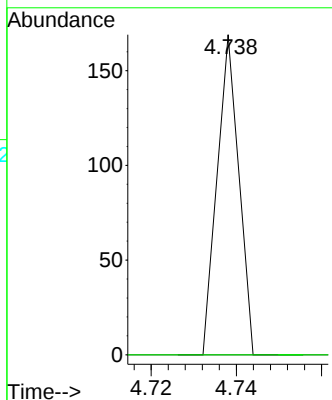


#18
Methyl Acetate
Concen: 1.409 ug/l
RT: 4.738 min Scan# 41
Delta R.T. 0.023 min
Lab File: VD073591.D
Acq: 15 Jun 2022 15:05

Instrument :
MSVOA_D
ClientSampleId :

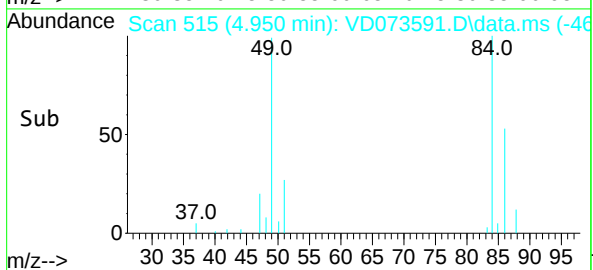
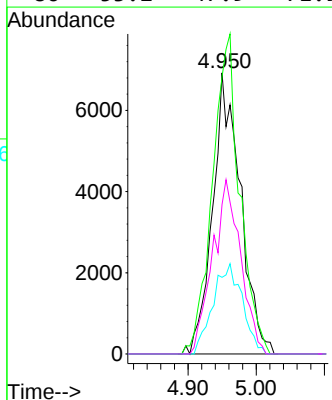
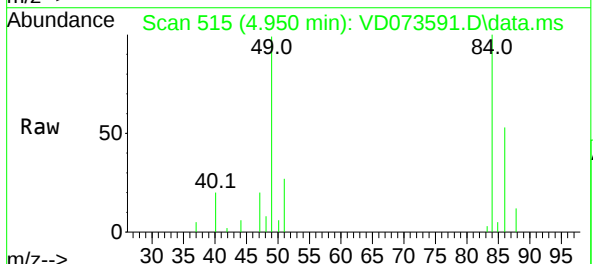


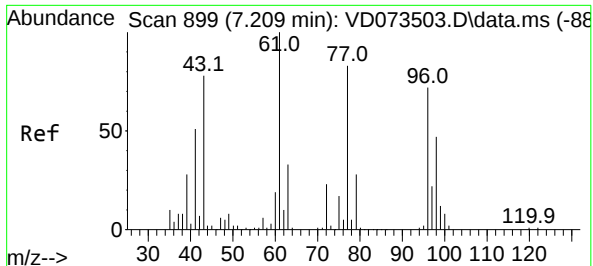
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 2.932 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD073591.D
Acq: 15 Jun 2022 15:05

Tgt Ion: 84 Resp: 19664
Ion Ratio Lower Upper
84 100
49 98.5 112.8 169.2#
51 27.3 32.6 48.8#
86 53.2 47.9 71.9

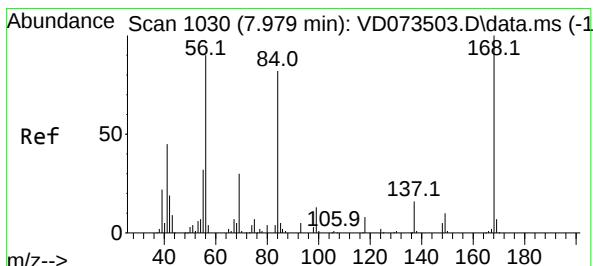
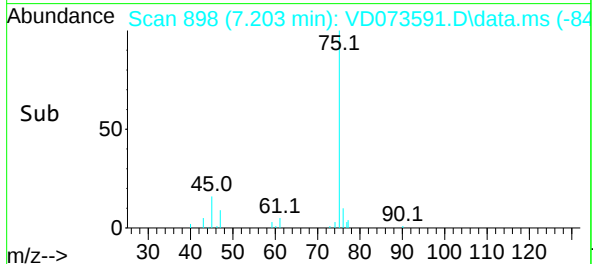
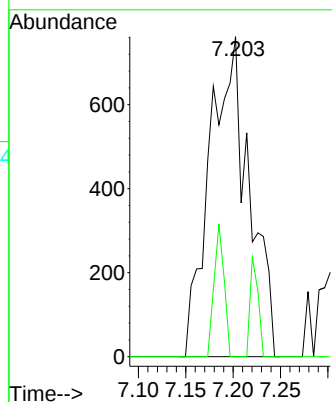
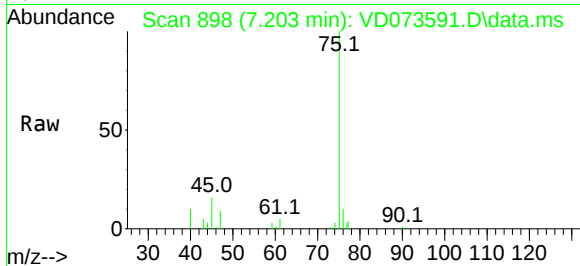




#25
2-Butanone
Concen: 2.863 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073591.D
Acq: 15 Jun 2022 15:05

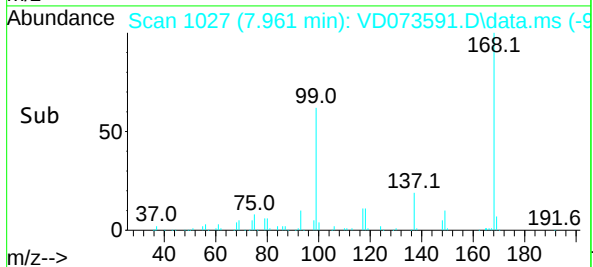
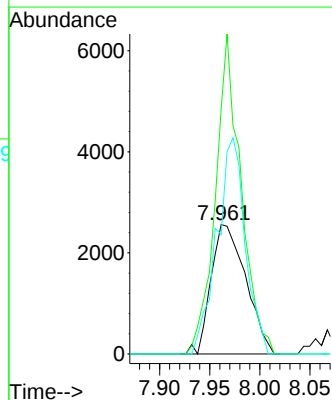
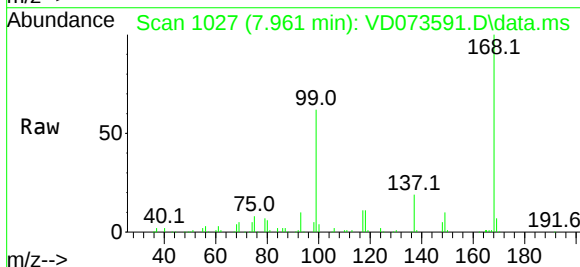
Instrument :
MSVOA_D
ClientSampleId :

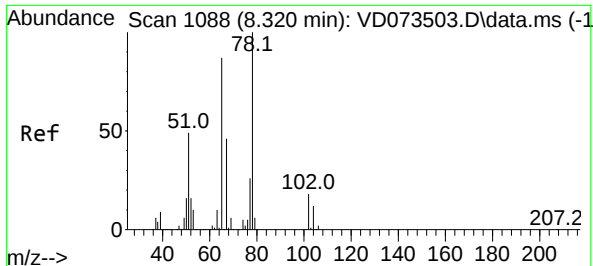
Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.234 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.018 min
Lab File: VD073591.D
Acq: 15 Jun 2022 15:05

Tgt Ion: 56 Resp: 6166
Ion Ratio Lower Upper
56 100
69 189.4 25.4 38.2#
84 92.3 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 55.047 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073591.D

Acq: 15 Jun 2022 15:05

Instrument :

MSVOA_D

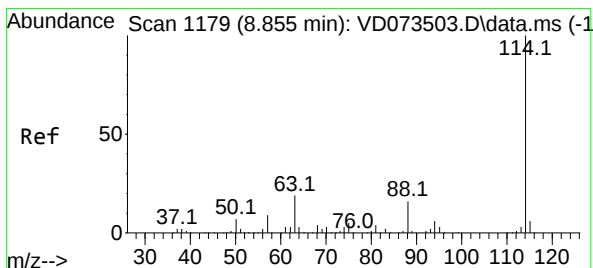
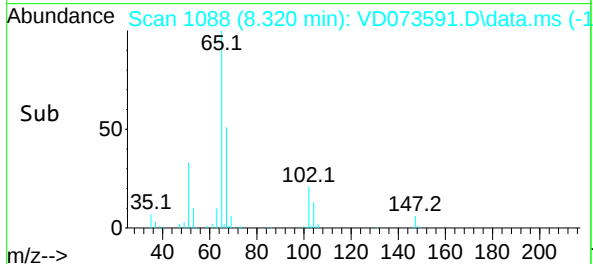
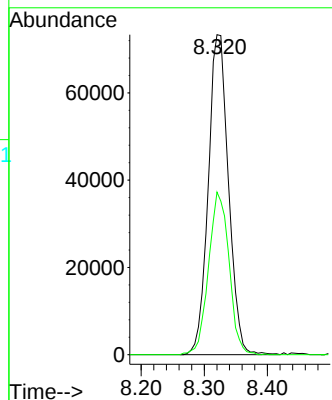
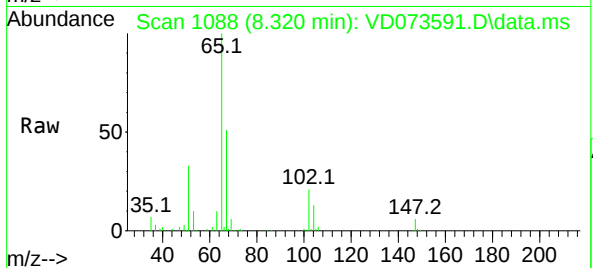
ClientSampleId :

Tgt Ion: 65 Resp: 163318

Ion Ratio Lower Upper

65 100

67 51.3 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: VD073591.D

Acq: 15 Jun 2022 15:05

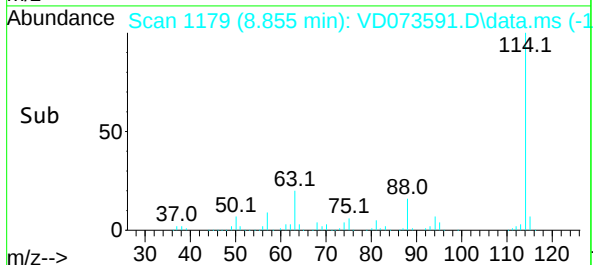
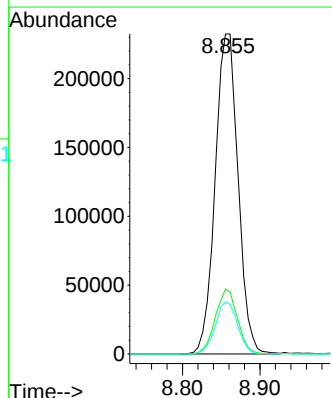
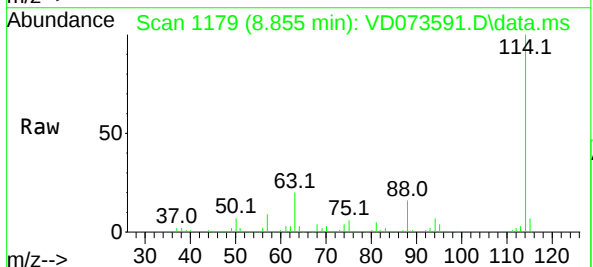
Tgt Ion: 114 Resp: 477587

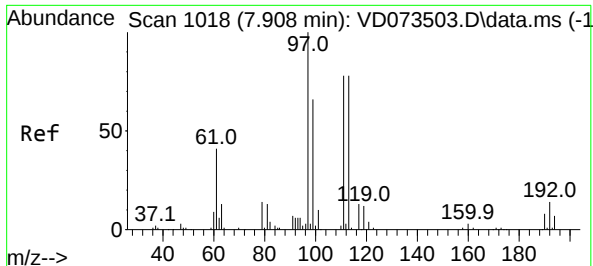
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.202 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

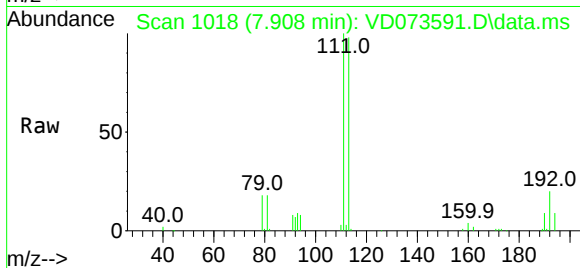
Lab File: VD073591.D

Acq: 15 Jun 2022 15:05

Instrument :

MSVOA_D

ClientSampleId :



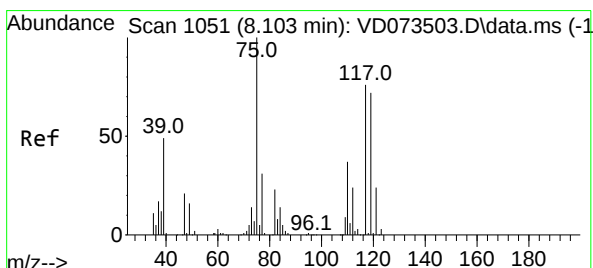
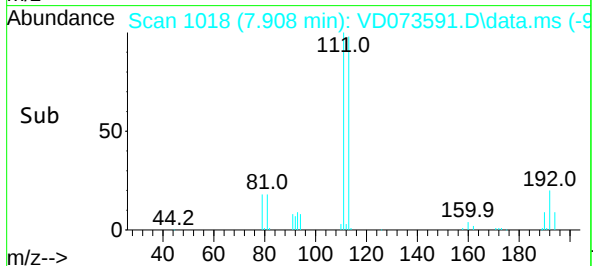
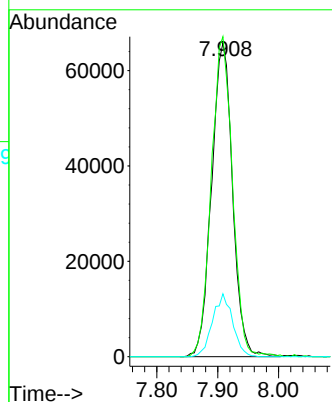
Tgt Ion:113 Resp: 157245

Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 19.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.726 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD073591.D

Acq: 15 Jun 2022 15:05

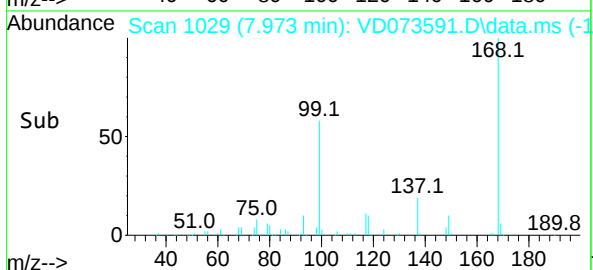
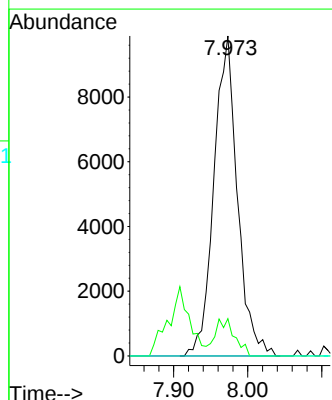
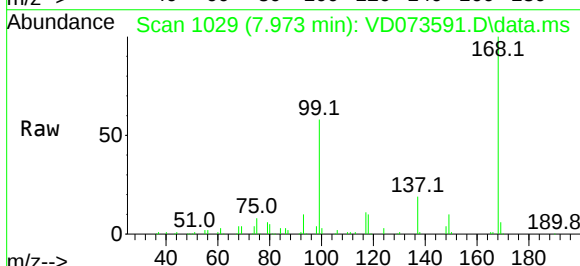
Tgt Ion: 75 Resp: 21799

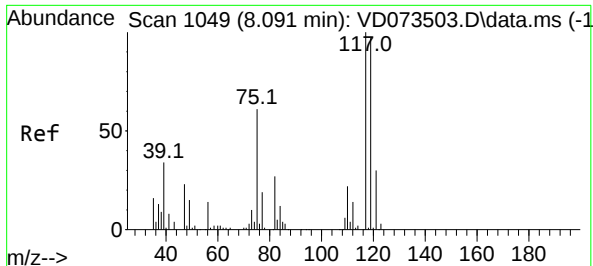
Ion Ratio Lower Upper

75 100

110 9.6 16.4 49.1#

77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 6.018 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

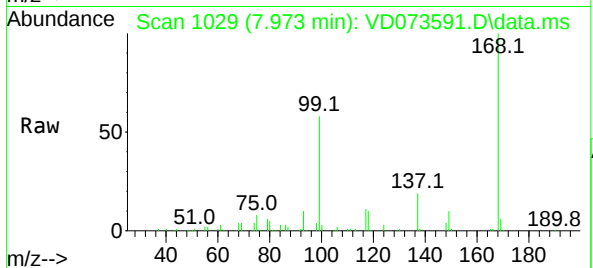
Lab File: VD073591.D

Acq: 15 Jun 2022 15:05

Instrument :

MSVOA_D

ClientSampleId :



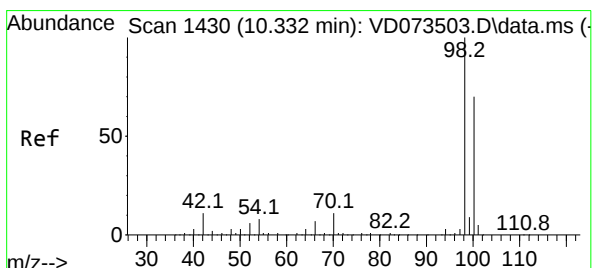
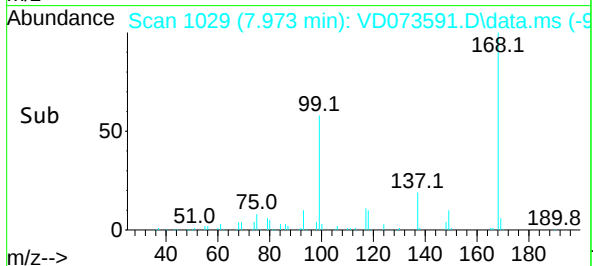
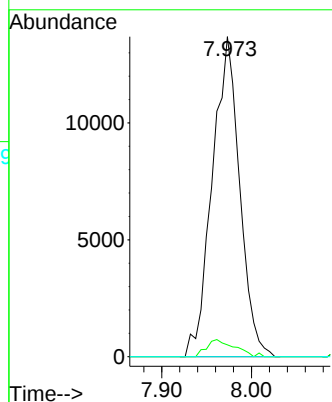
Tgt Ion:117 Resp: 29039

Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.6#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 48.629 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073591.D

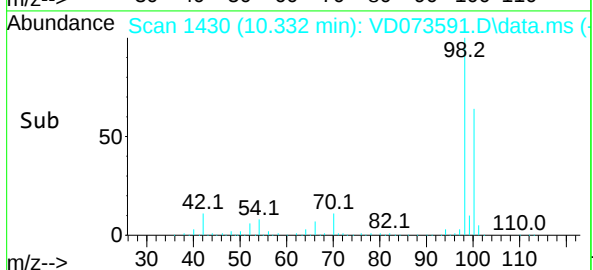
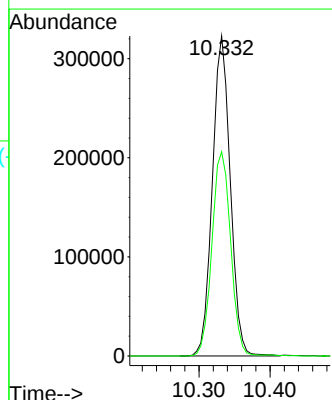
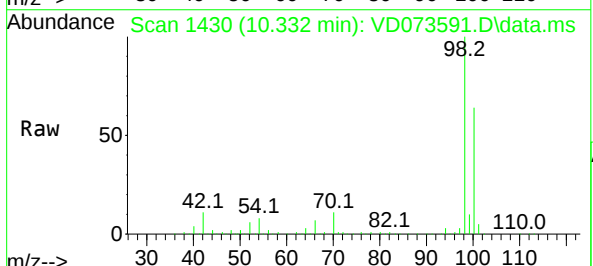
Acq: 15 Jun 2022 15:05

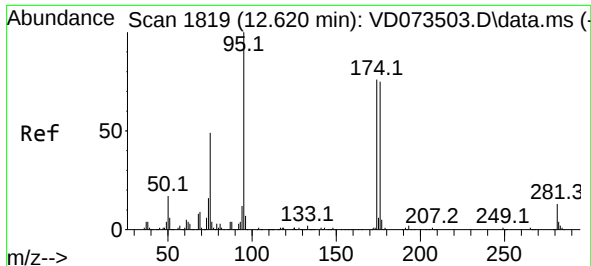
Tgt Ion: 98 Resp: 564646

Ion Ratio Lower Upper

98 100

100 66.8 52.4 78.6

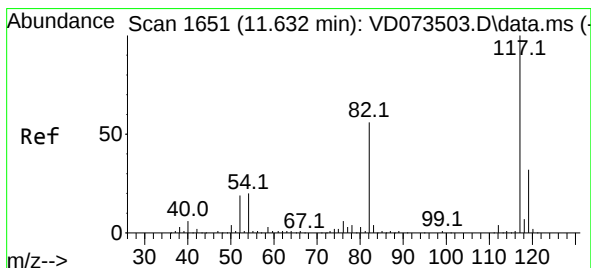
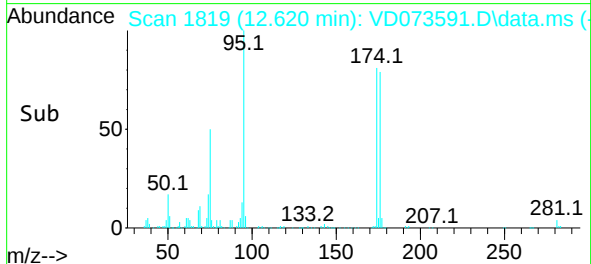
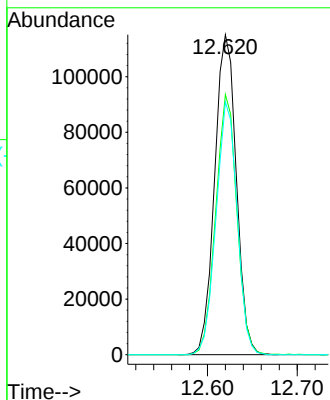
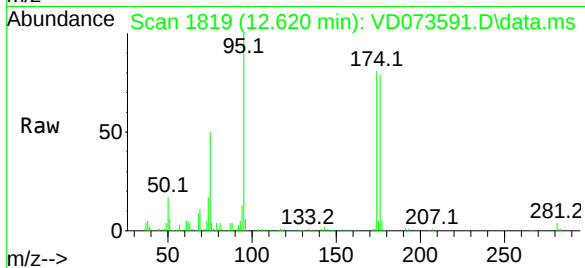




#62
4-Bromofluorobenzene
Concen: 45.760 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073591.D
Acq: 15 Jun 2022 15:05

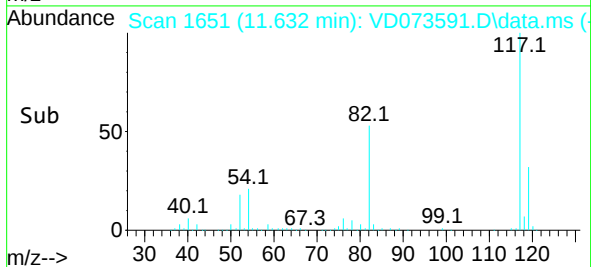
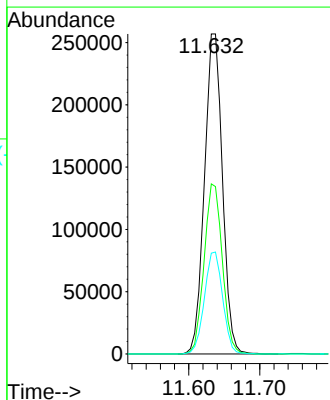
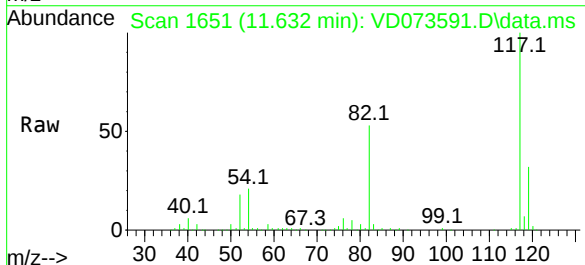
Instrument :
MSVOA_D
ClientSampleId :

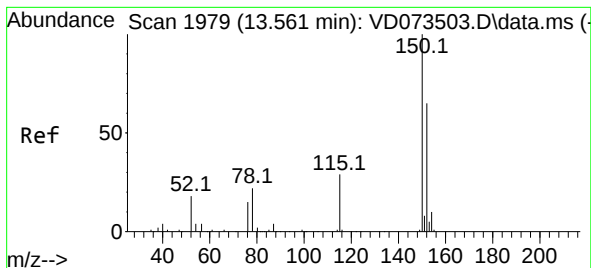
Tgt Ion: 95 Resp: 192887
Ion Ratio Lower Upper
95 100
174 79.3 0.0 152.8
176 76.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073591.D
Acq: 15 Jun 2022 15:05

Tgt Ion: 117 Resp: 453073
Ion Ratio Lower Upper
117 100
82 53.2 45.3 67.9
119 31.5 26.6 40.0

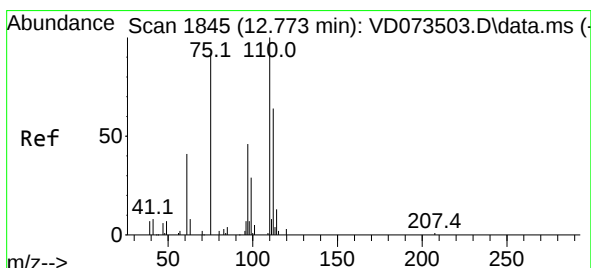
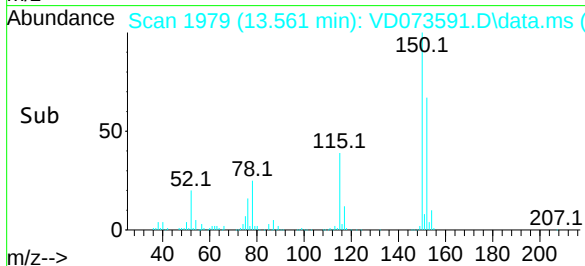
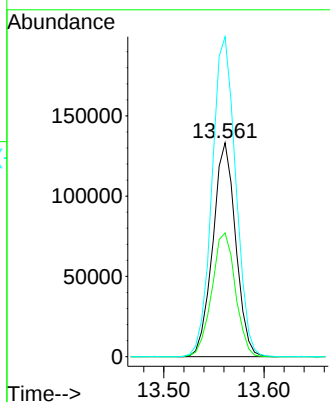
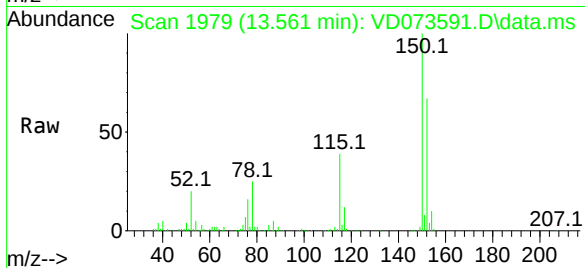




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073591.D
 Acq: 15 Jun 2022 15:05

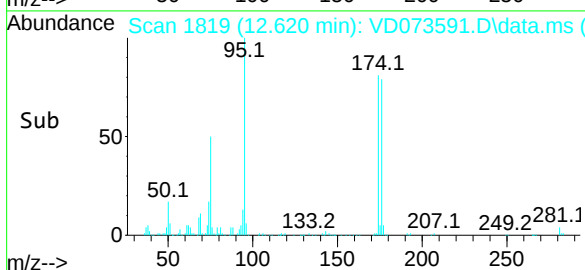
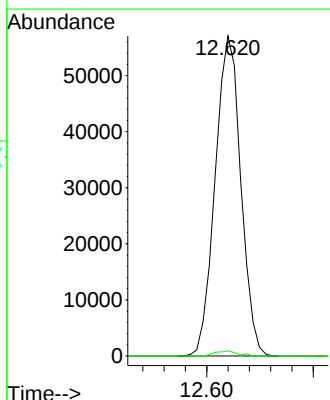
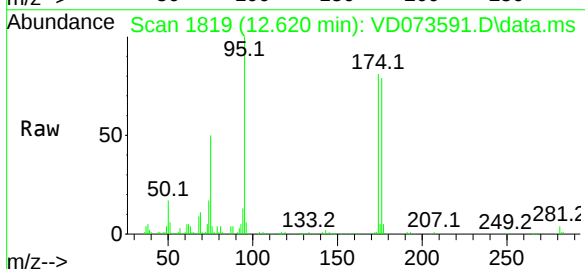
Instrument :
 MSVOA_D
 ClientSampleId :

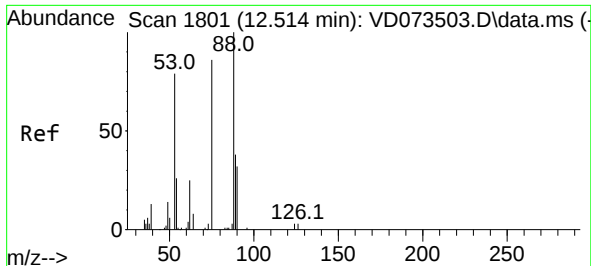
Tgt Ion:152 Resp: 210677
 Ion Ratio Lower Upper
 152 100
 115 59.7 31.3 93.8
 150 155.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 46.525 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073591.D
 Acq: 15 Jun 2022 15:05

Tgt Ion: 75 Resp: 95221
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

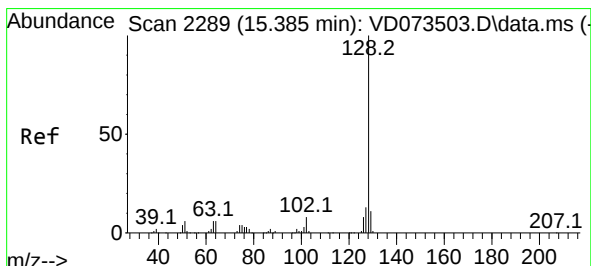
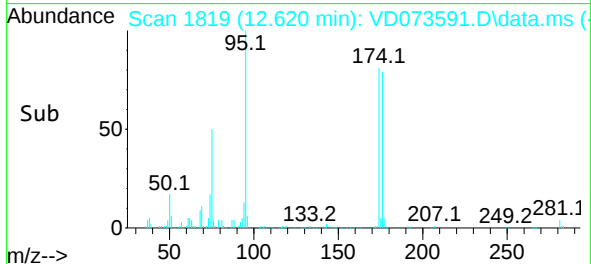
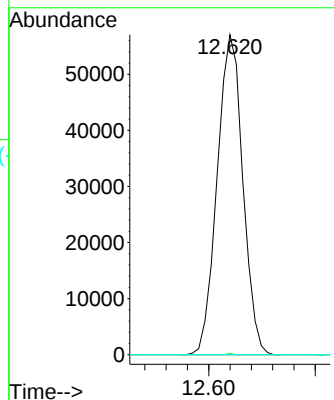
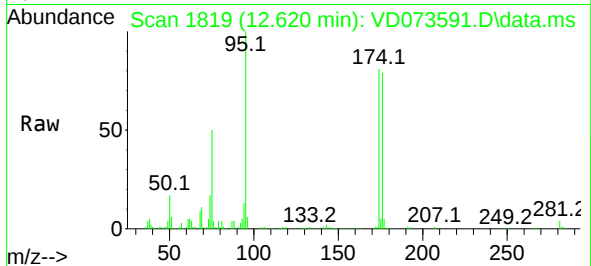




#81
trans-1,4-Dichloro-2-butene
Concen: 109.203 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073591.D
Acq: 15 Jun 2022 15:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 95221
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 4.224 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD073591.D
Acq: 15 Jun 2022 15:05

Tgt Ion: 128 Resp: 169
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

