

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073529.D
 Acq On : 10 Jun 2022 15:34
 Operator : VA/SY
 Sample : N3267-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-2-060822

Quant Time: Jun 10 23:06:13 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)

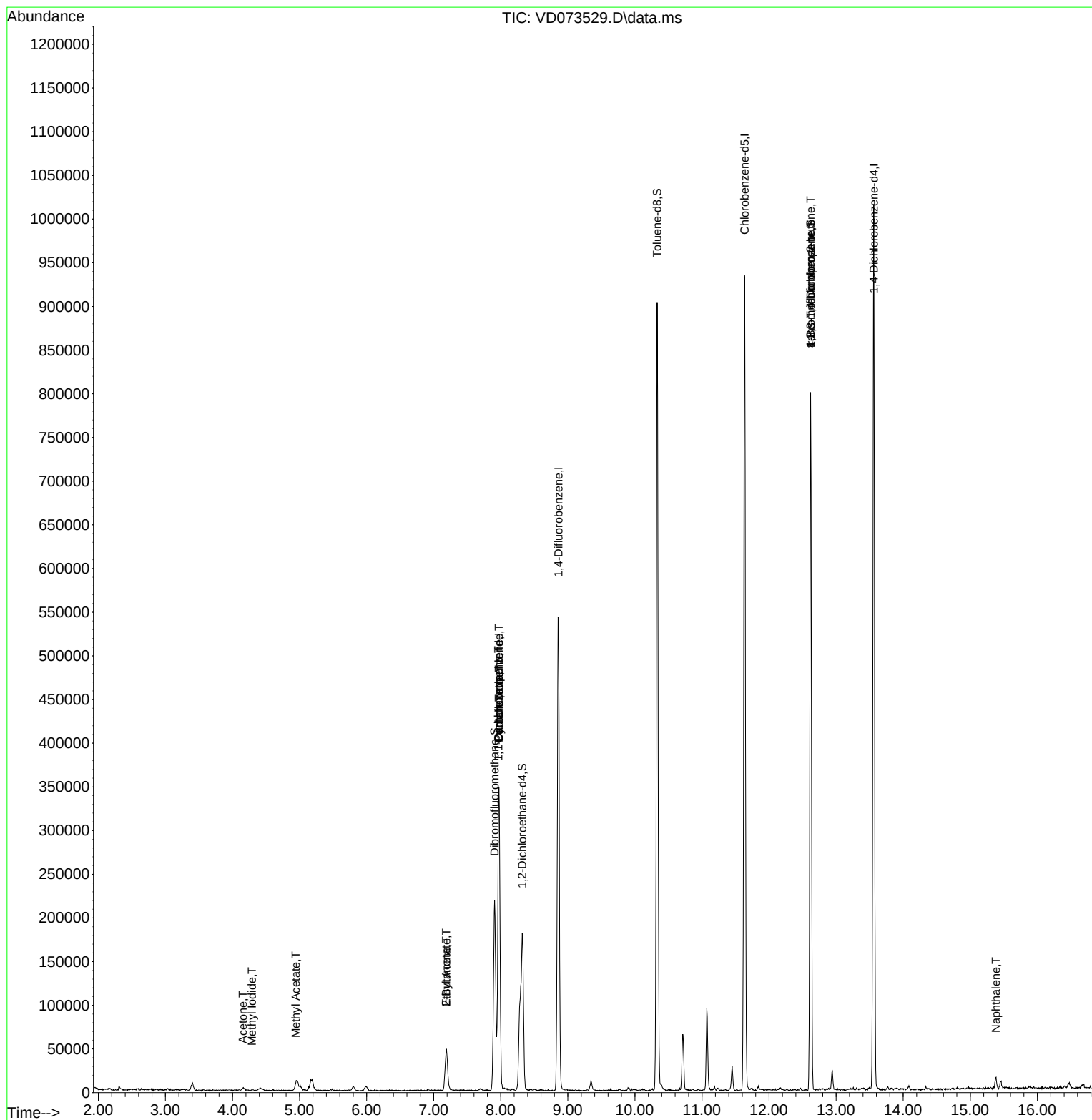
Internal Standards						
1) Pentafluorobenzene	7.973	168	261079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	487212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	558073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	134927	48.158	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.320%		
35) Dibromofluoromethane	7.908	113	156491	49.950	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.900%		
50) Toluene-d8	10.332	98	607014	51.245	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.480%		
62) 4-Bromofluorobenzene	12.620	95	254707	59.232	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	118.460%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	547	4.329	ug/l #	89
11) Tert butyl alcohol	5.167	59	12371	Below Cal	#	74
16) Acetone	4.155	43	6183	12.534	ug/l #	82
18) Methyl Acetate	4.944	43	1051	2.104	ug/l #	55
20) Methylene Chloride	4.967	84	9141	Below Cal	#	78
25) 2-Butanone	7.185	43	2391	3.294	ug/l	94
31) Cyclohexane	7.973	56	6117	1.296	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	19566	4.158	ug/l #	52
37) Ethyl Acetate	7.185	43	2391	1.258	ug/l #	1
38) Carbon Tetrachloride	7.973	117	27293	5.545	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	128588	49.316	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	128588	115.754	ug/l #	7
95) Naphthalene	15.384	128	11511	5.291	ug/l #	92

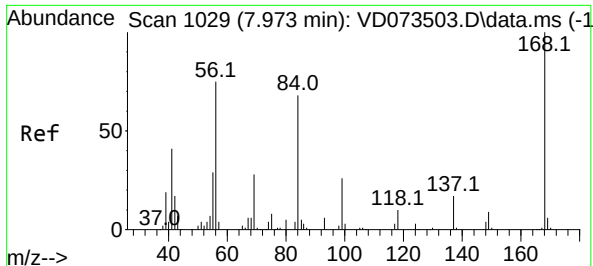
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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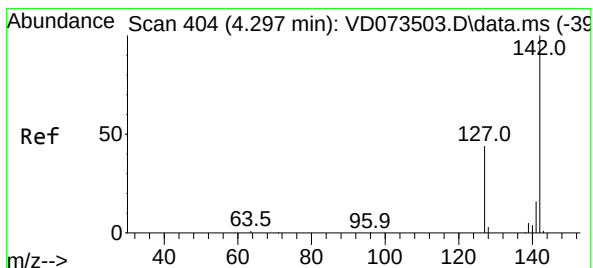
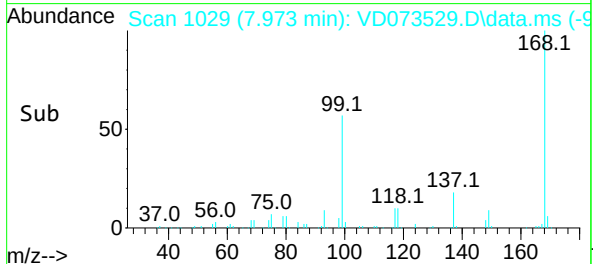
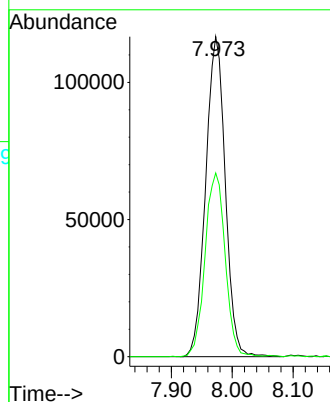
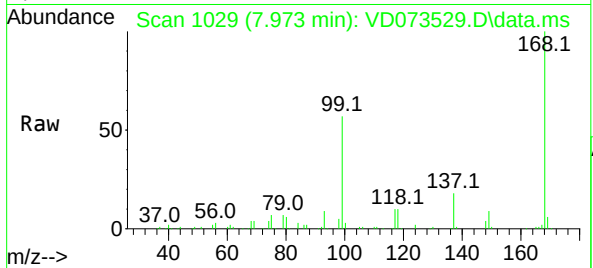




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073529.D
Acq: 10 Jun 2022 15:34

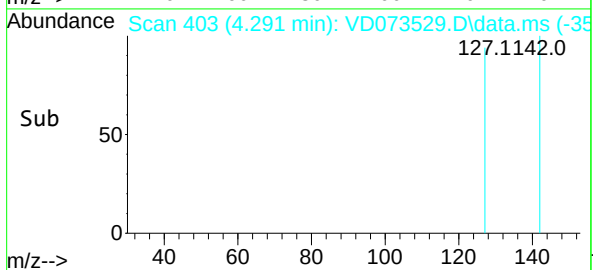
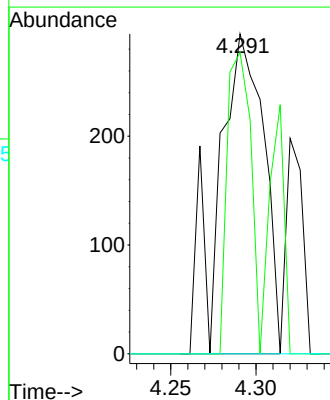
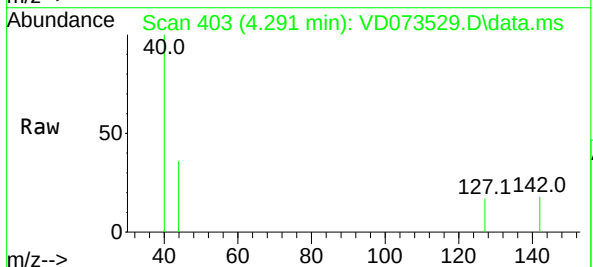
Instrument :
MSVOA_D
ClientSampleId :
OR-2-060822

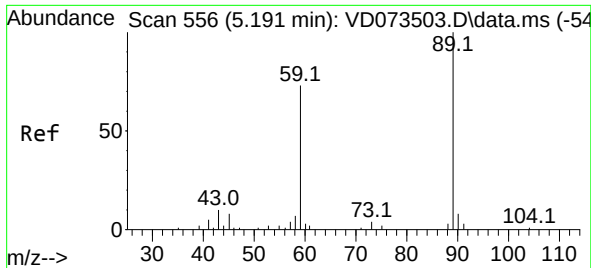
Tgt Ion:168 Resp: 261079
Ion Ratio Lower Upper
168 100
99 57.4 49.8 74.6



#10
Methyl Iodide
Concen: 4.329 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073529.D
Acq: 10 Jun 2022 15:34

Tgt Ion:142 Resp: 547
Ion Ratio Lower Upper
142 100
127 48.4 37.3 55.9
141 0.0 11.7 17.5#

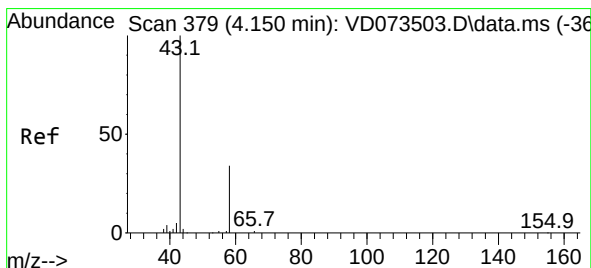
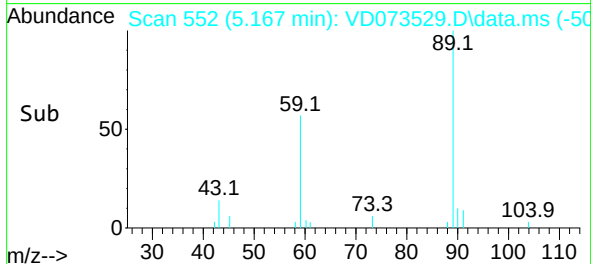
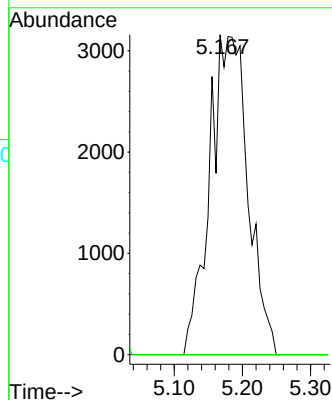
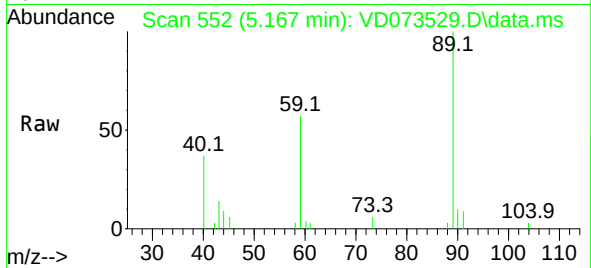




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.167 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD073529.D
Acq: 10 Jun 2022 15:34

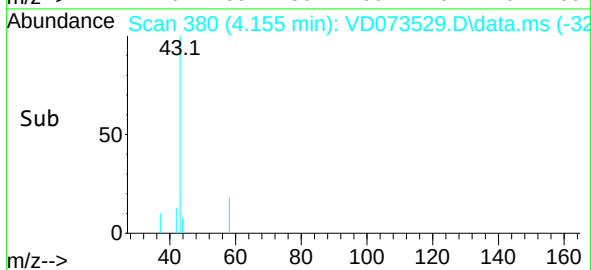
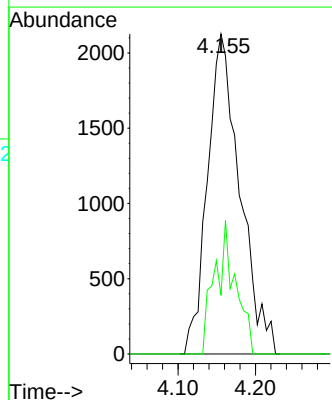
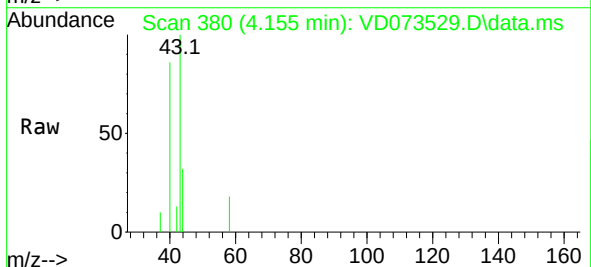
Instrument :
MSVOA_D
ClientSampleId :
OR-2-060822

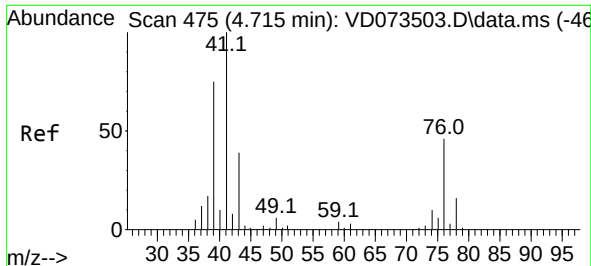
Tgt Ion: 59 Resp: 12371
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 12.534 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.005 min
Lab File: VD073529.D
Acq: 10 Jun 2022 15:34

Tgt Ion: 43 Resp: 6183
Ion Ratio Lower Upper
43 100
58 18.3 22.1 33.1#





#18

Methyl Acetate

Concen: 2.104 ug/l

RT: 4.944 min Scan# 514

Delta R.T. 0.229 min

Lab File: VD073529.D

Acq: 10 Jun 2022 15:34

Instrument :

MSVOA_D

ClientSampleId :

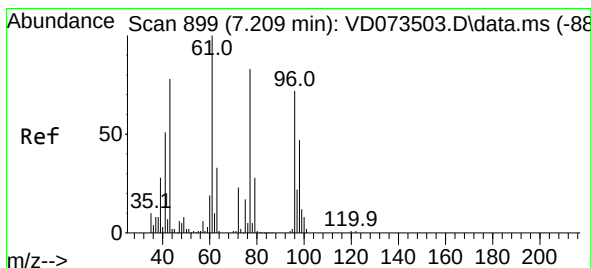
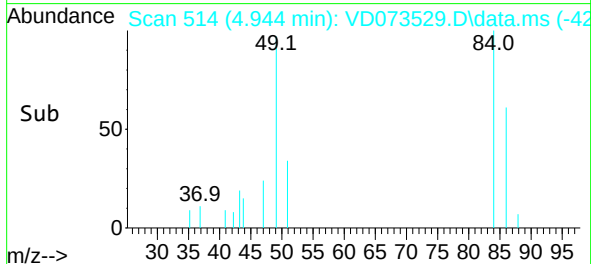
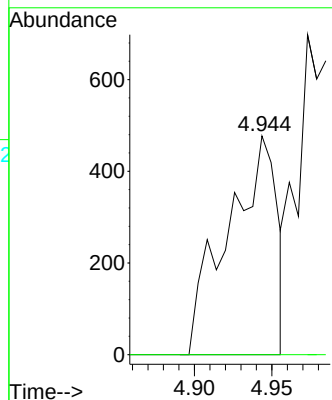
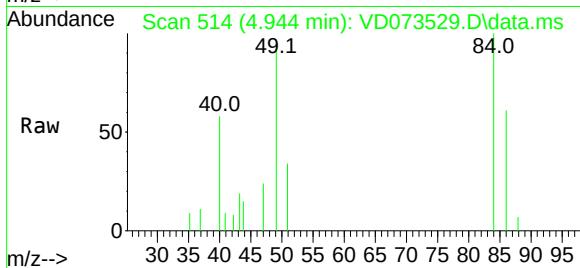
OR-2-060822

Tgt Ion: 43 Resp: 1051

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



#25

2-Butanone

Concen: 3.294 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.024 min

Lab File: VD073529.D

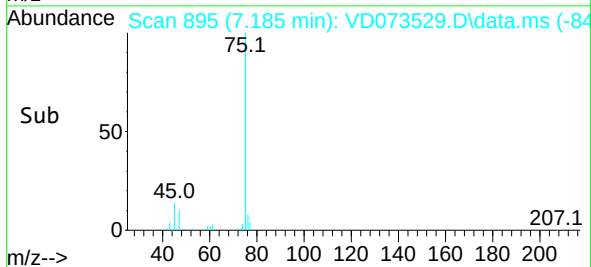
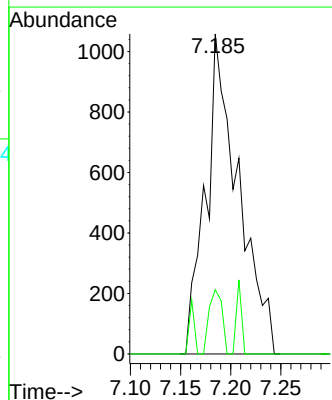
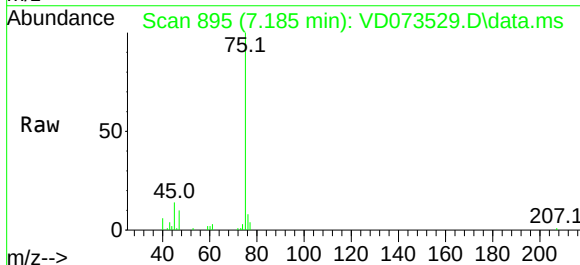
Acq: 10 Jun 2022 15:34

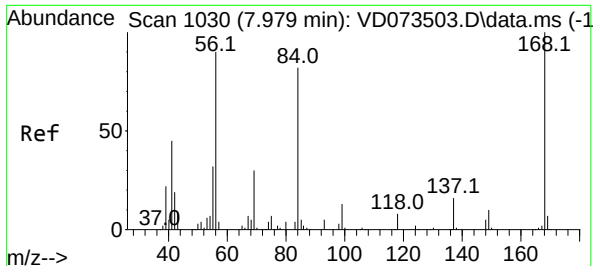
Tgt Ion: 43 Resp: 2391

Ion Ratio Lower Upper

43 100

72 20.0 18.6 27.8





#31

Cyclohexane

Concen: 1.296 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073529.D

Acq: 10 Jun 2022 15:34

Instrument :

MSVOA_D

ClientSampleId :

OR-2-060822

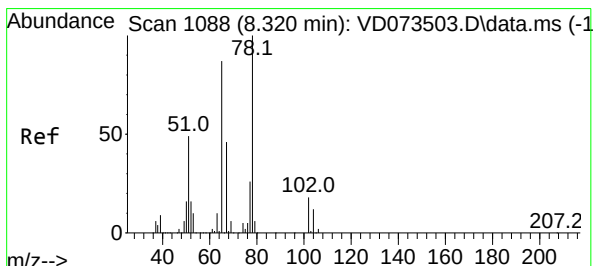
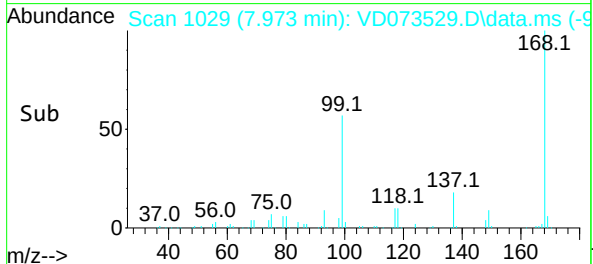
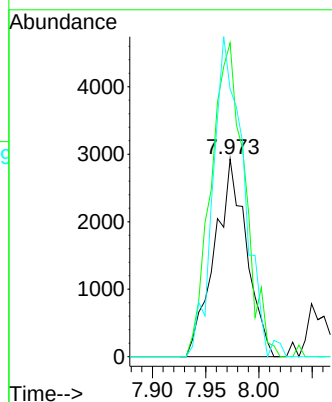
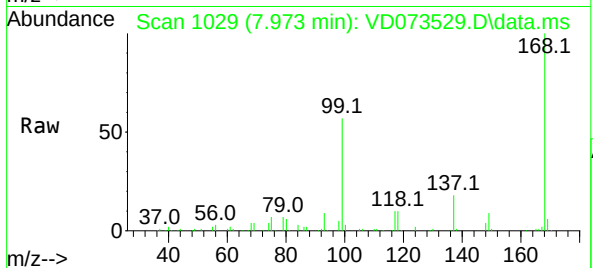
Tgt Ion: 56 Resp: 6117

Ion Ratio Lower Upper

56 100

69 158.8 25.4 38.2#

84 135.4 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 48.158 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD073529.D

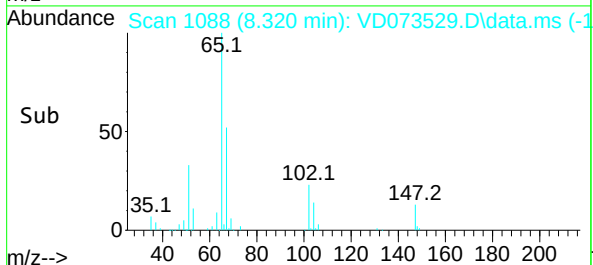
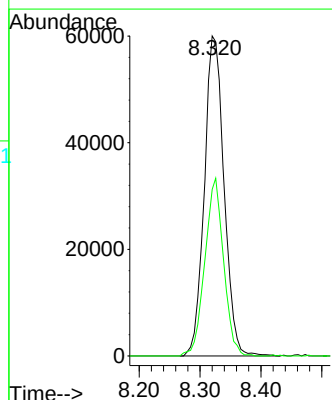
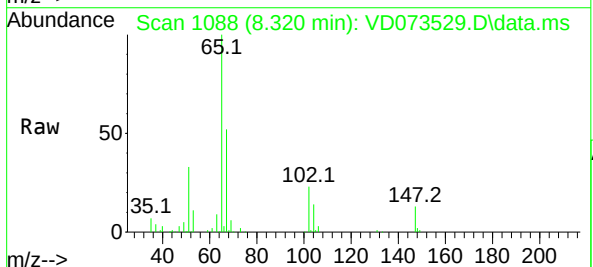
Acq: 10 Jun 2022 15:34

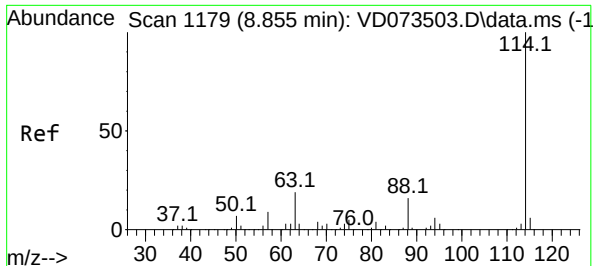
Tgt Ion: 65 Resp: 134927

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073529.D

Acq: 10 Jun 2022 15:34

Instrument :

MSVOA_D

ClientSampleId :

OR-2-060822

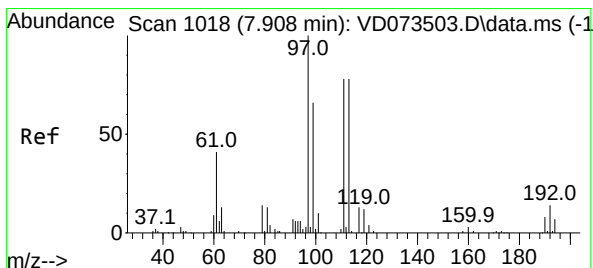
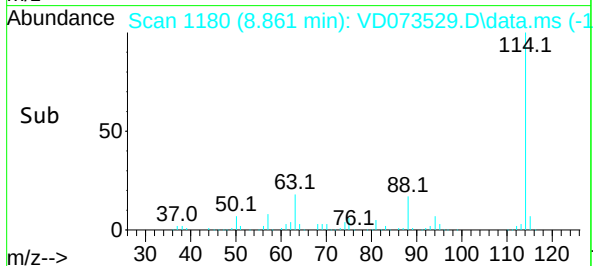
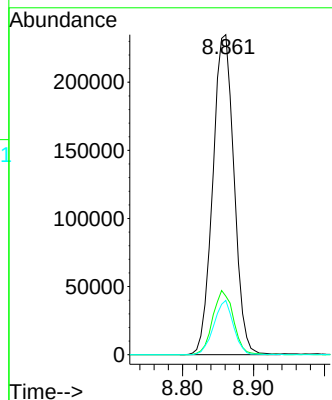
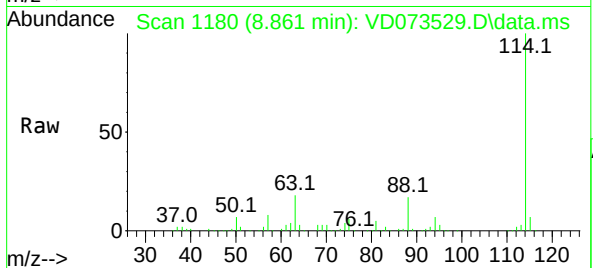
Tgt Ion:114 Resp: 487212

Ion Ratio Lower Upper

114 100

63 18.3 0.0 46.6

88 17.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.950 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073529.D

Acq: 10 Jun 2022 15:34

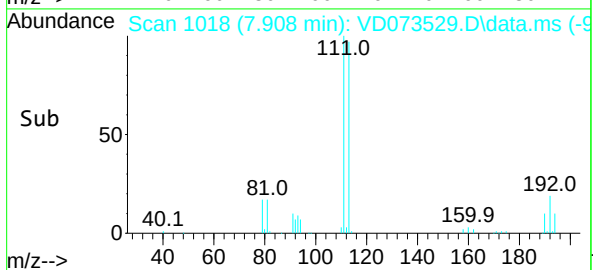
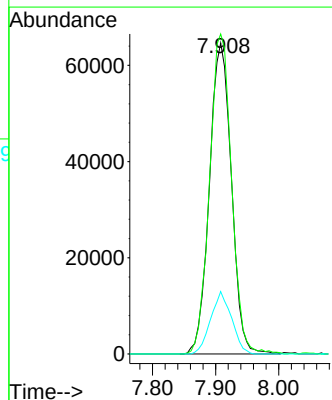
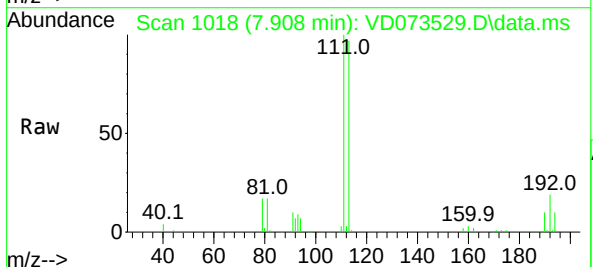
Tgt Ion:113 Resp: 156491

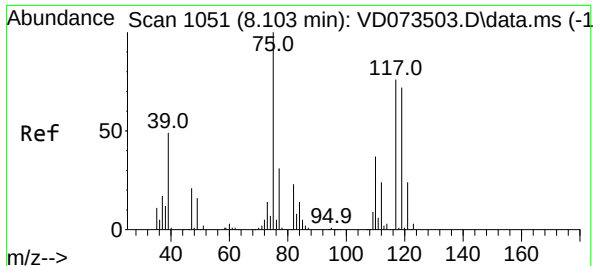
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 19.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.158 ug/l

RT: 7.967 min Scan# 1

Delta R.T. -0.136 min

Lab File: VD073529.D

Acq: 10 Jun 2022 15:34

Instrument :

MSVOA_D

ClientSampleId :

OR-2-060822

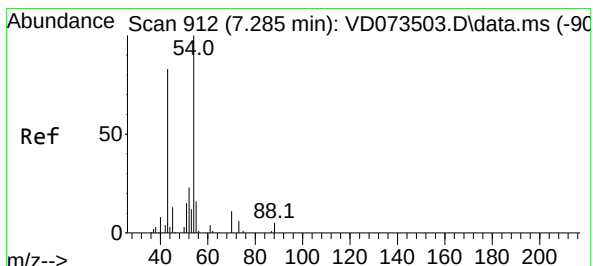
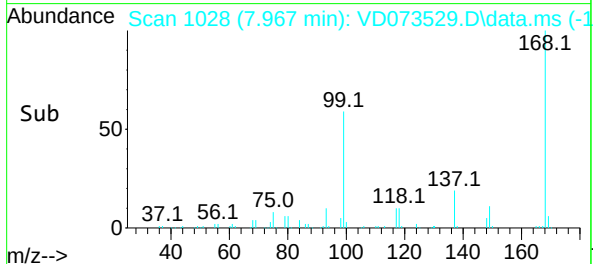
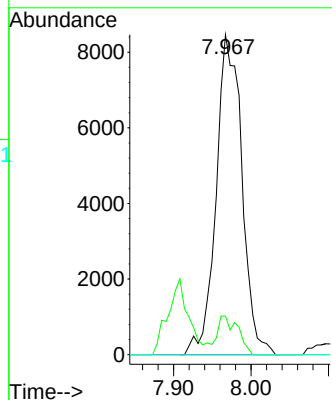
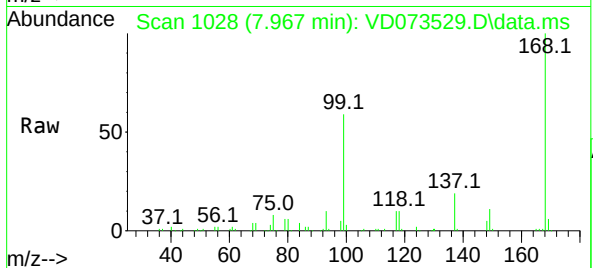
Tgt Ion: 75 Resp: 19566

Ion Ratio Lower Upper

75 100

110 9.4 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 1.258 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.100 min

Lab File: VD073529.D

Acq: 10 Jun 2022 15:34

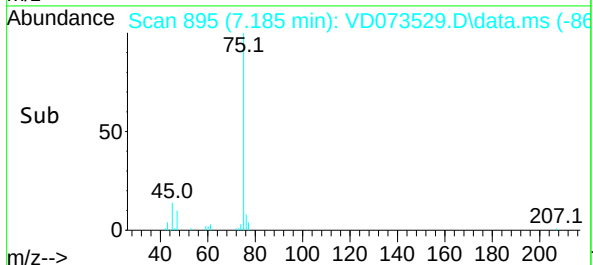
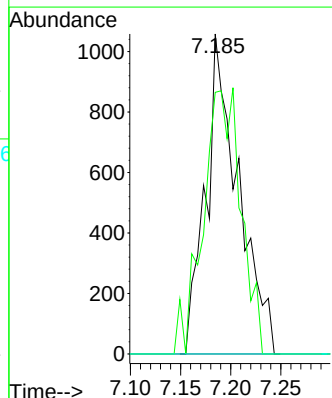
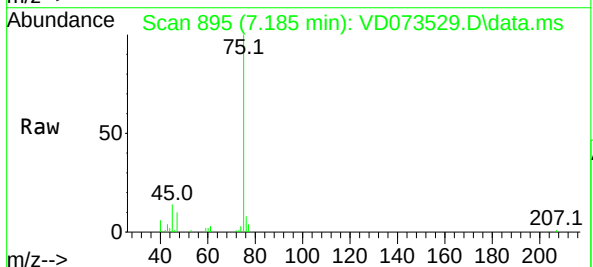
Tgt Ion: 43 Resp: 2391

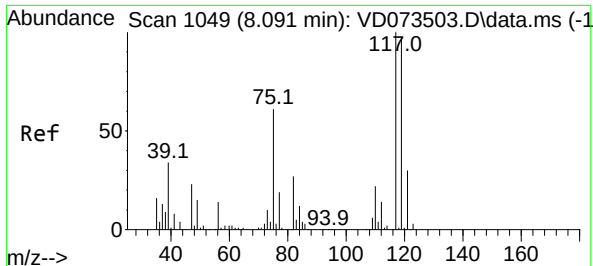
Ion Ratio Lower Upper

43 100

61 96.3 9.8 14.8#

70 0.0 6.9 10.3#





#38

Carbon Tetrachloride

Concen: 5.545 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073529.D

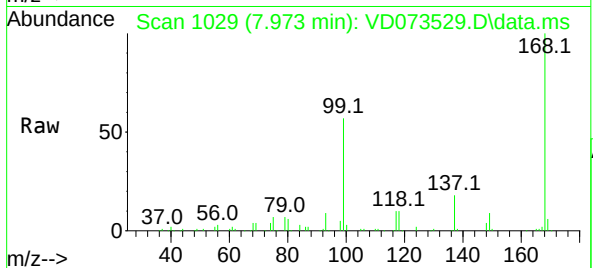
Acq: 10 Jun 2022 15:34

Instrument :

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OR-2-060822



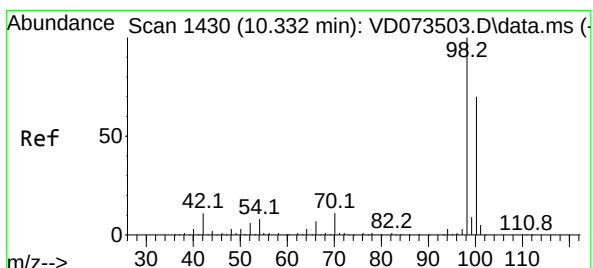
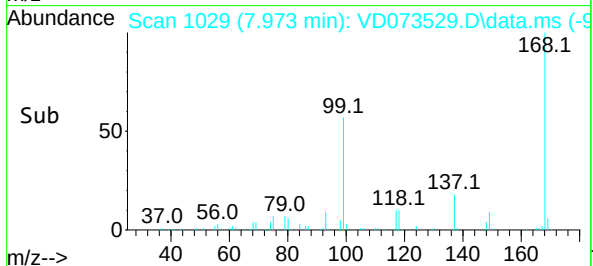
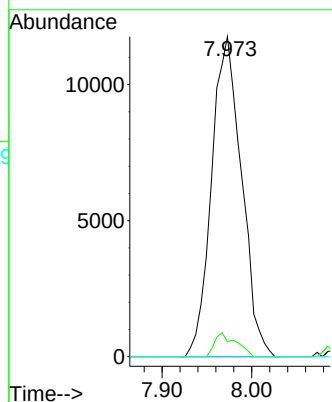
Tgt Ion:117 Resp: 27293

Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.6#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 51.245 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073529.D

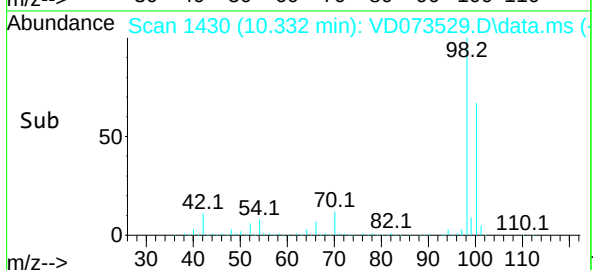
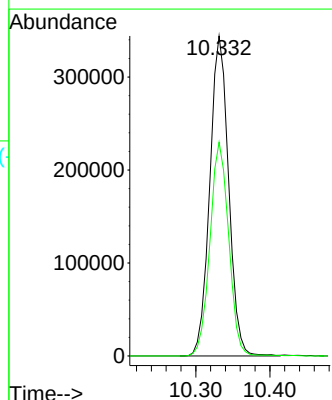
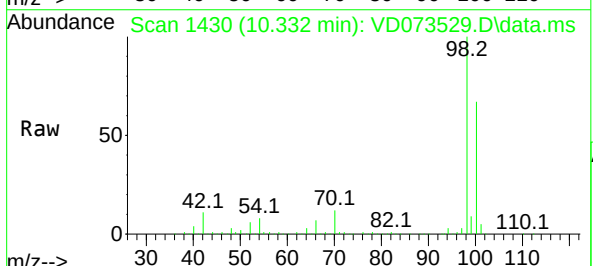
Acq: 10 Jun 2022 15:34

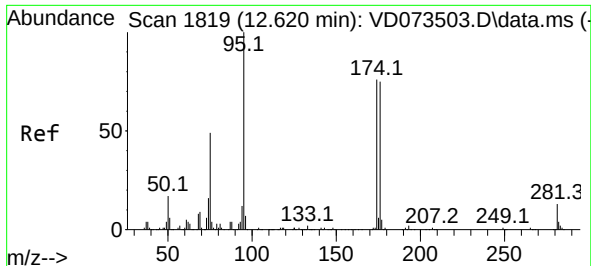
Tgt Ion: 98 Resp: 607014

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6

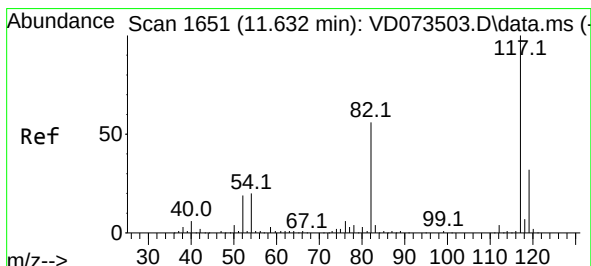
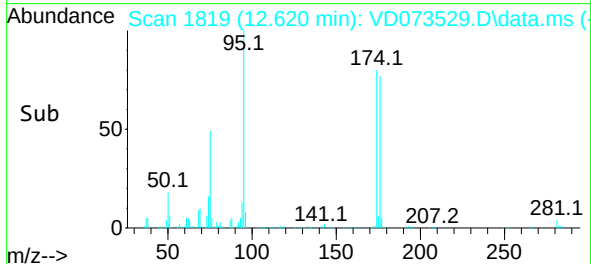
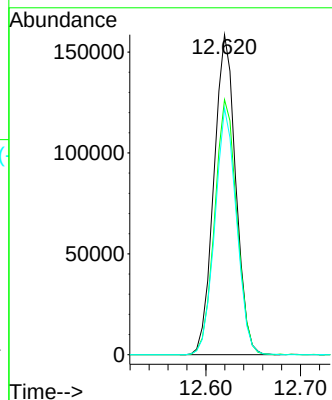
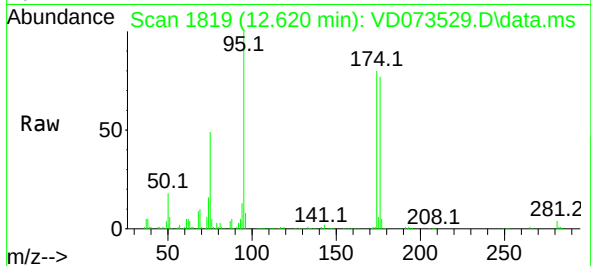




#62
4-Bromofluorobenzene
Concen: 59.232 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073529.D
Acq: 10 Jun 2022 15:34

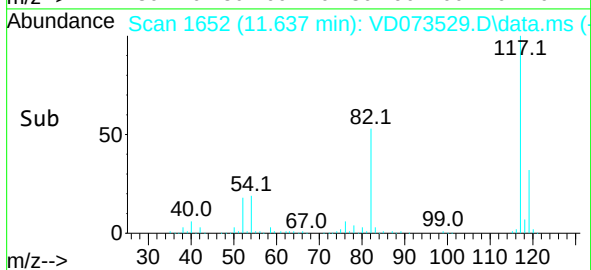
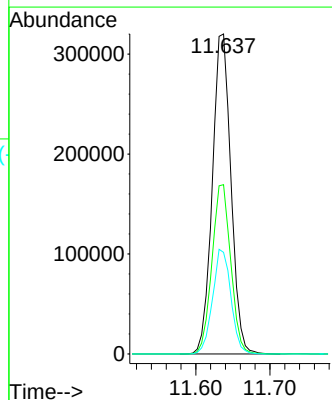
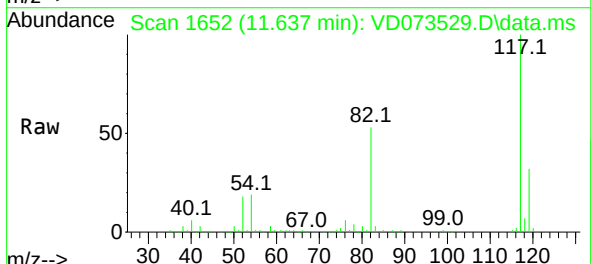
Instrument :
MSVOA_D
ClientSampleId :
OR-2-060822

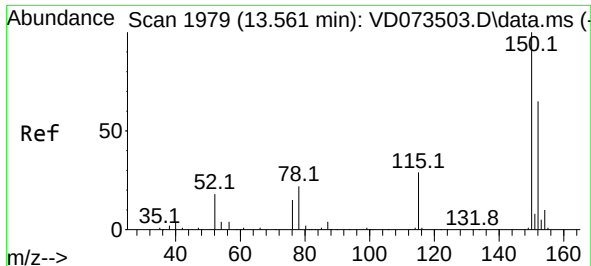
Tgt Ion: 95 Resp: 254707
Ion Ratio Lower Upper
95 100
174 80.5 0.0 152.8
176 76.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. 0.005 min
Lab File: VD073529.D
Acq: 10 Jun 2022 15:34

Tgt Ion: 117 Resp: 558073
Ion Ratio Lower Upper
117 100
82 52.9 45.3 67.9
119 31.8 26.6 40.0

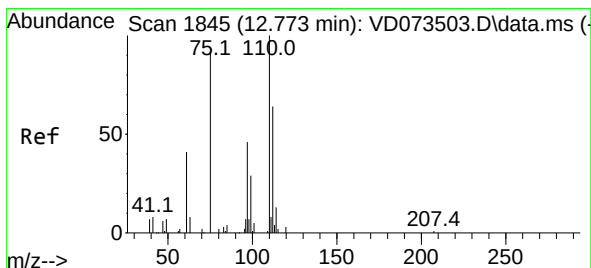
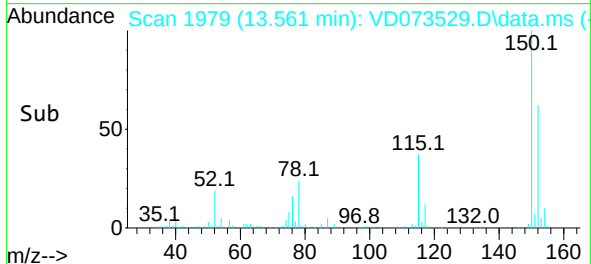
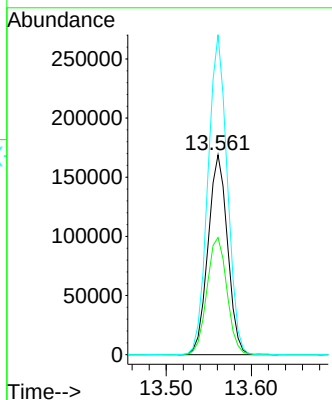
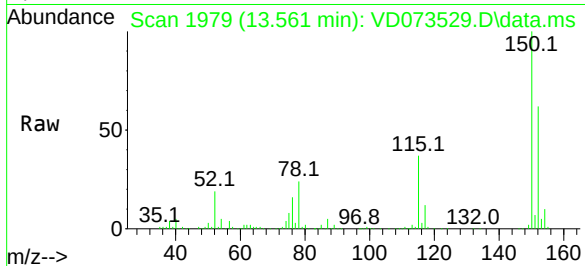




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VD073529.D
 Acq: 10 Jun 2022 15:34

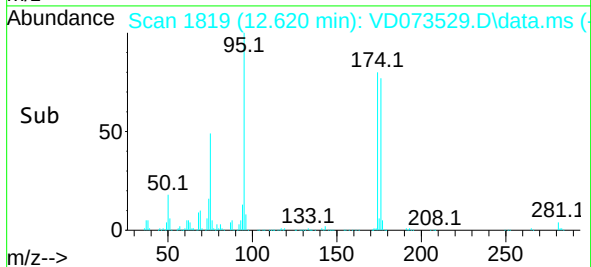
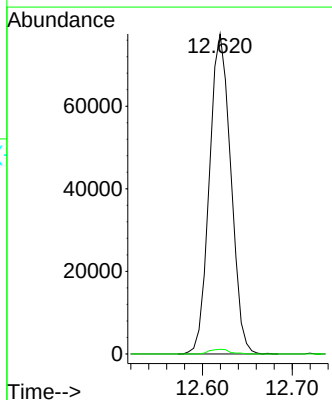
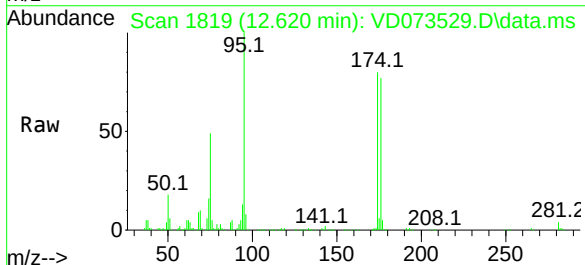
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-2-060822

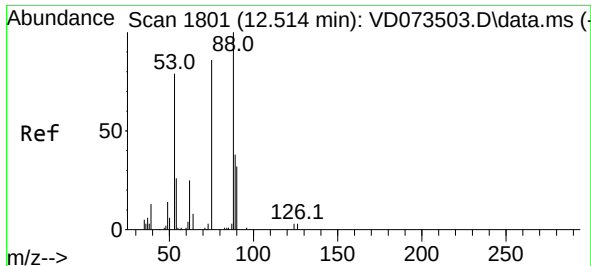
Tgt Ion:152 Resp: 268401
 Ion Ratio Lower Upper
 152 100
 115 60.1 31.3 93.8
 150 158.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.316 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073529.D
 Acq: 10 Jun 2022 15:34

Tgt Ion: 75 Resp: 128588
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

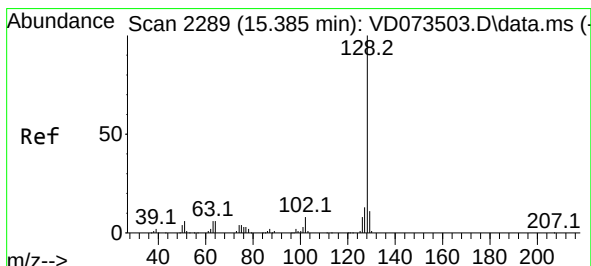
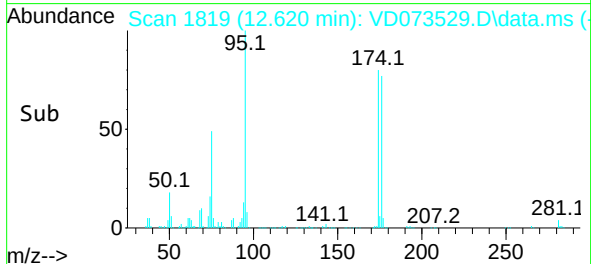
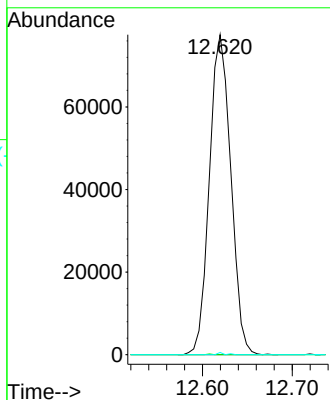
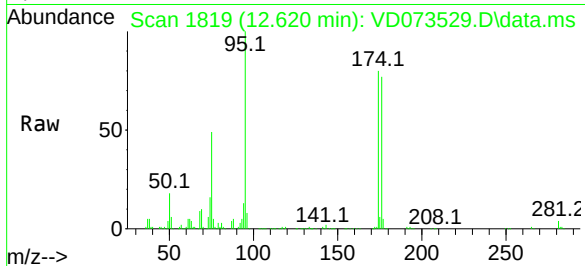




#81
trans-1,4-Dichloro-2-butene
Concen: 115.754 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073529.D
Acq: 10 Jun 2022 15:34

Instrument :
MSVOA_D
ClientSampleId :
OR-2-060822

Tgt Ion: 75 Resp: 128588
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 5.291 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD073529.D
Acq: 10 Jun 2022 15:34

Tgt Ion: 128 Resp: 11511
Ion Ratio Lower Upper
128 100
127 16.4 10.3 15.5#
129 13.0 8.4 12.6#

