

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073545.D
 Acq On : 13 Jun 2022 14:44
 Operator : VA/SY
 Sample : N3295-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-060922

Quant Time: Jun 14 01:28:19 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)

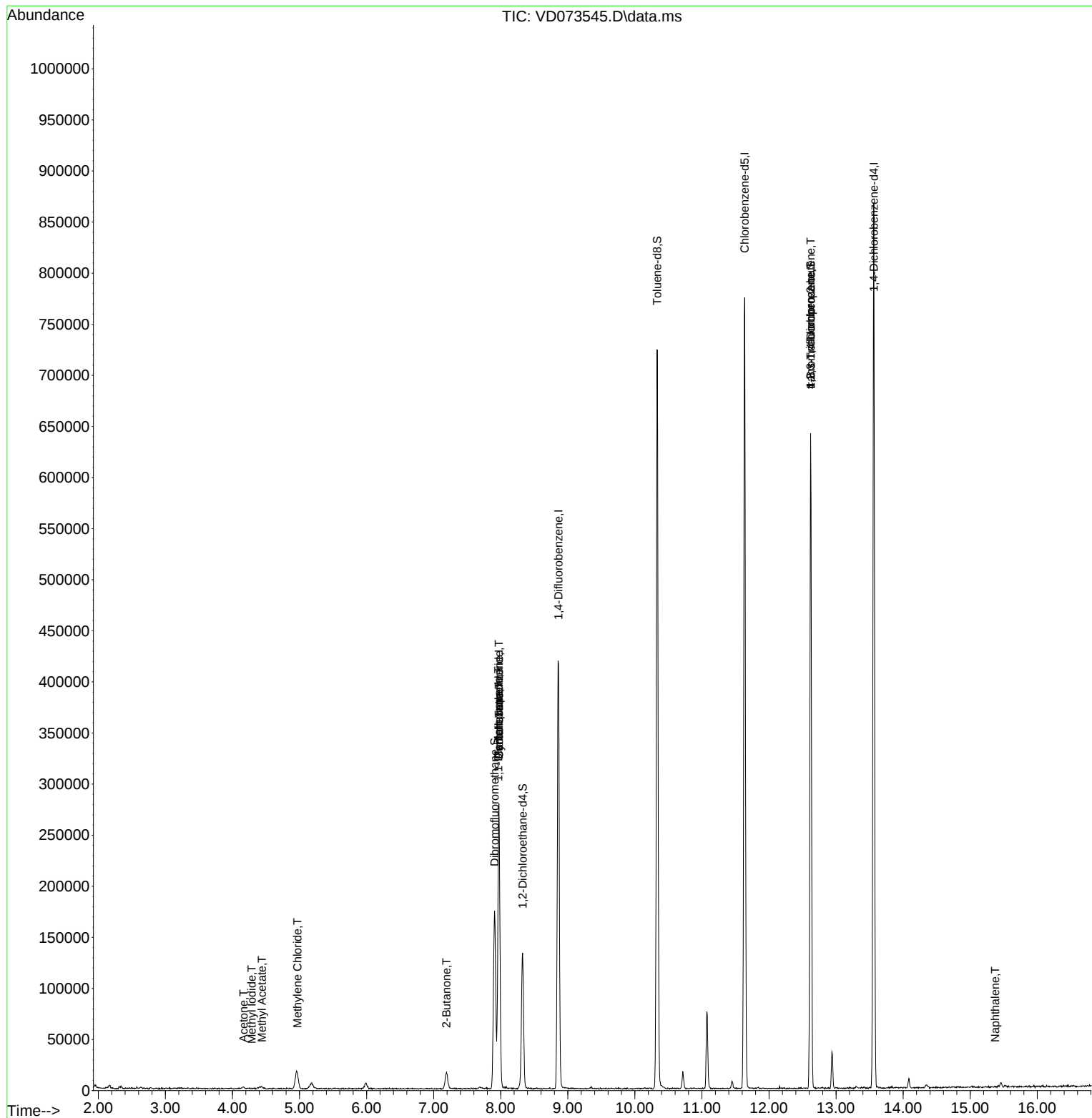
Internal Standards						
1) Pentafluorobenzene	7.973	168	199258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	367442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	447534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	109067	51.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.020%	
35) Dibromofluoromethane	7.909	113	128937	54.570	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.140%	
50) Toluene-d8	10.332	98	479787	53.707	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.420%	
62) 4-Bromofluorobenzene	12.620	95	206536	63.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 127.380%	
Target Compounds						Qvalue
10) Methyl Iodide	4.285	142	338	4.299	ug/l #	38
11) Tert butyl alcohol	5.179	59	5630	Below Cal	#	74
16) Acetone	4.168	43	2609	6.930	ug/l	89
18) Methyl Acetate	4.438	43	722	2.031	ug/l #	55
20) Methylene Chloride	4.968	84	14714	3.177	ug/l #	74
25) 2-Butanone	7.191	43	591	1.067	ug/l #	52
31) Cyclohexane	7.973	56	4525	1.256	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	15697	4.423	ug/l #	50
38) Carbon Tetrachloride	7.973	117	21454	5.779	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	103878	46.830	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	103878	109.918	ug/l #	7
95) Naphthalene	15.373	128	257	4.232	ug/l #	70

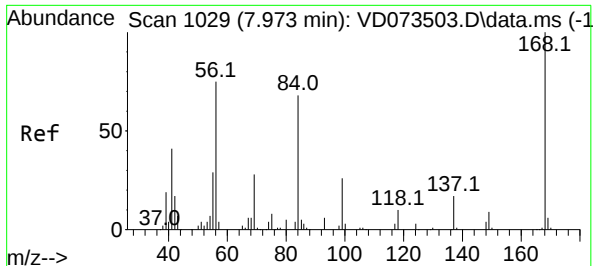
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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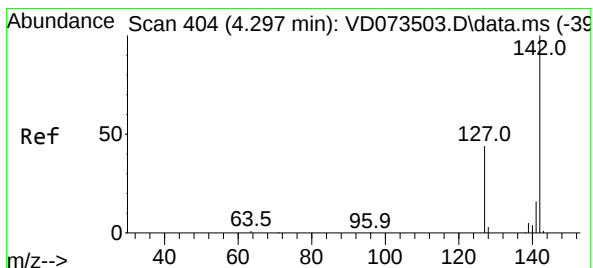
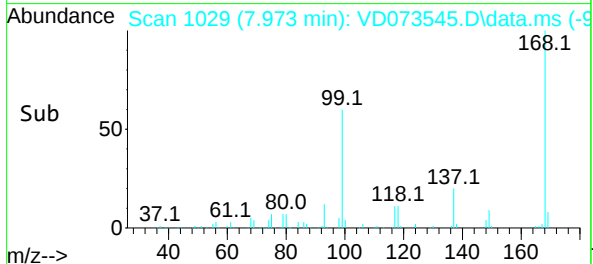
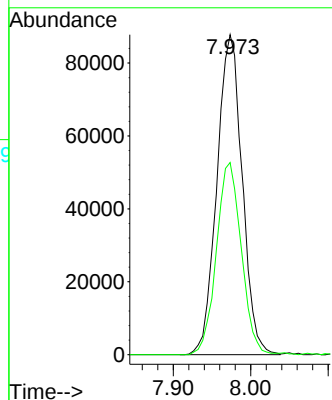
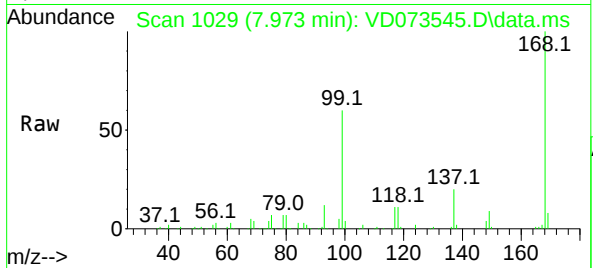




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

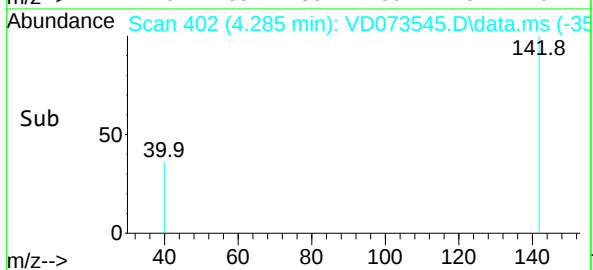
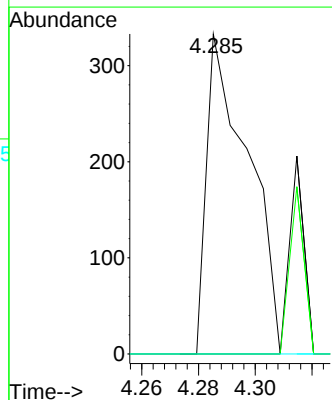
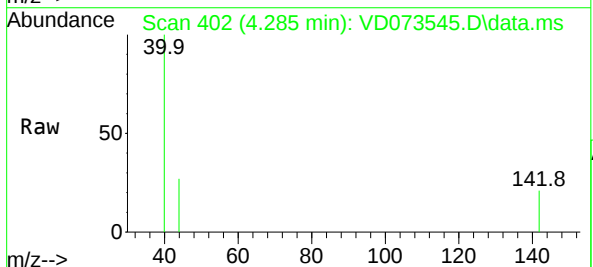
Instrument :
MSVOA_D
ClientSampleId :
OR-03-060922

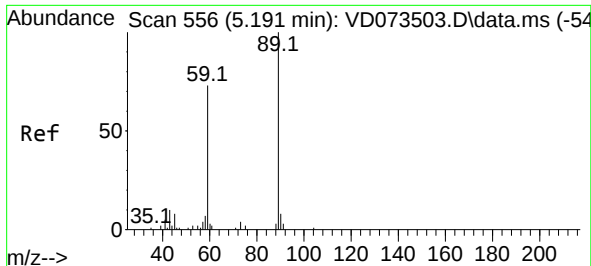
Tgt Ion:168 Resp: 199258
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#10
Methyl Iodide
Concen: 4.299 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Tgt Ion:142 Resp: 338
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: 5.179 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD073545.D

Acq: 13 Jun 2022 14:44

Instrument :

MSVOA_D

ClientSampleId :

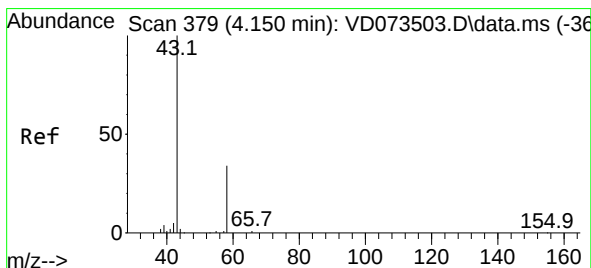
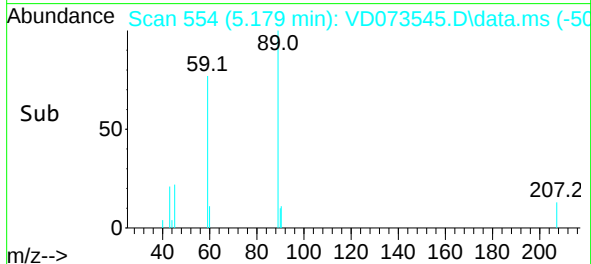
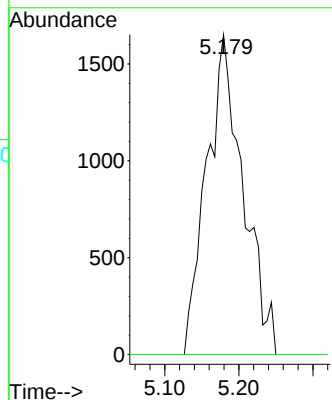
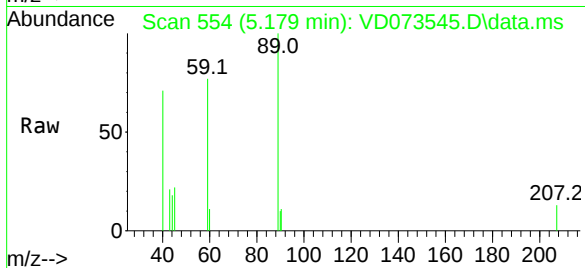
OR-03-060922

Tgt Ion: 59 Resp: 5630

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 6.930 ug/l

RT: 4.168 min Scan# 382

Delta R.T. 0.018 min

Lab File: VD073545.D

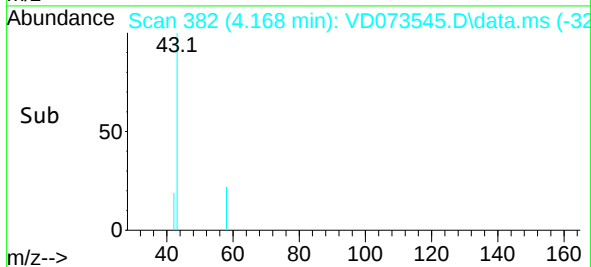
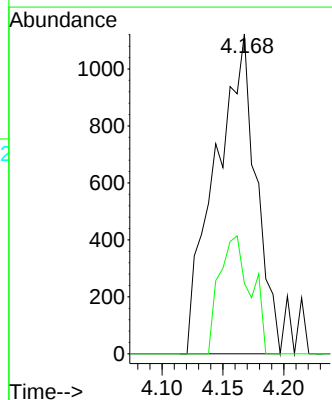
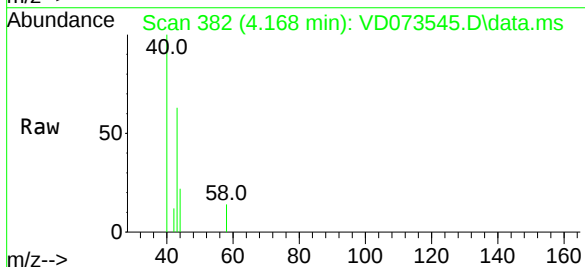
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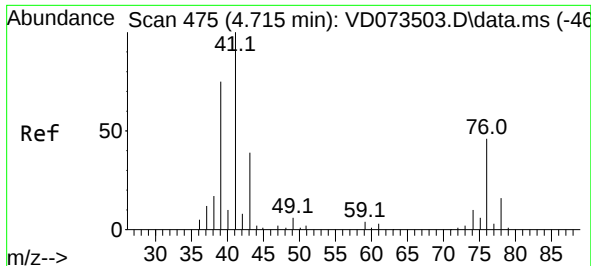
Tgt Ion: 43 Resp: 2609

Ion Ratio Lower Upper

43 100

58 22.1 22.1 33.1

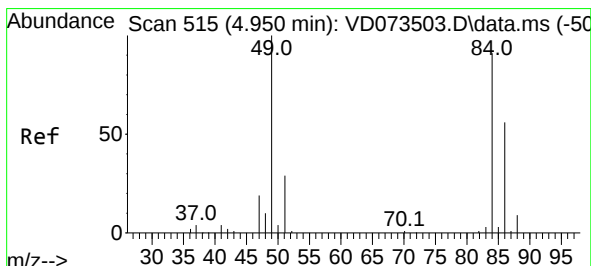
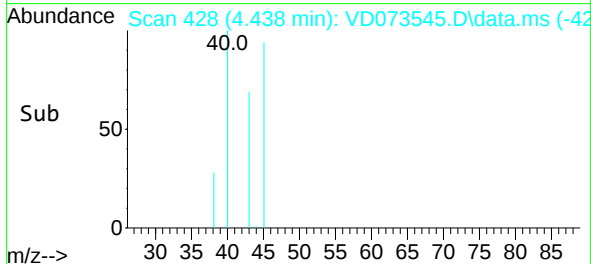
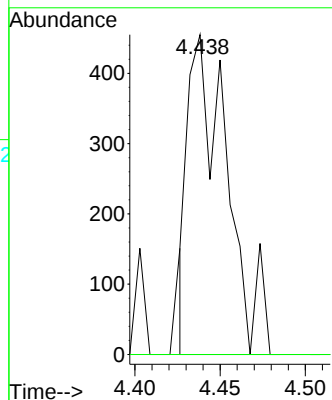
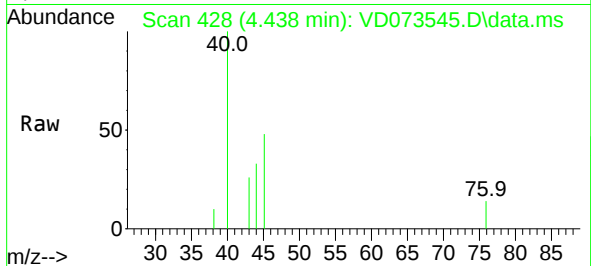




#18
Methyl Acetate
Concen: 2.031 ug/l
RT: 4.438 min Scan# 41
Delta R.T. -0.277 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

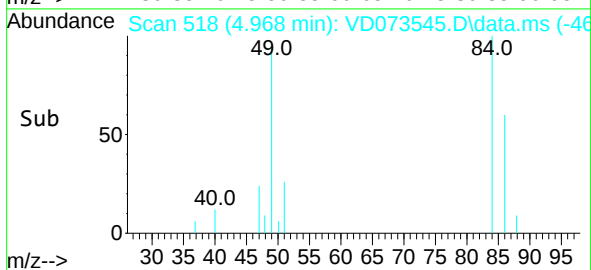
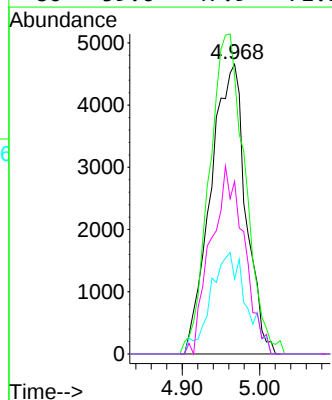
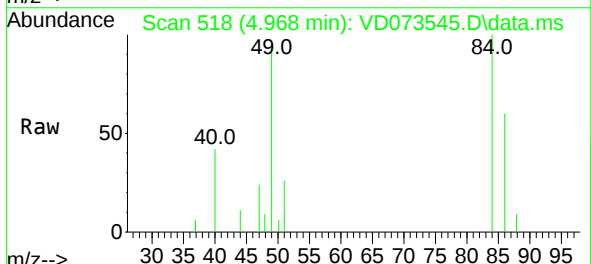
Instrument :
MSVOA_D
ClientSampleId :
OR-03-060922

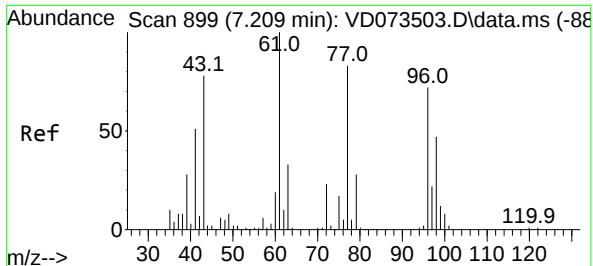
Tgt Ion: 43 Resp: 722
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 3.177 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.018 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Tgt Ion: 84 Resp: 14714
Ion Ratio Lower Upper
84 100
49 96.0 112.8 169.2#
51 25.9 32.6 48.8#
86 59.6 47.9 71.9

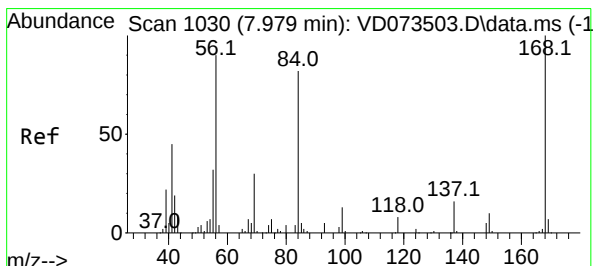
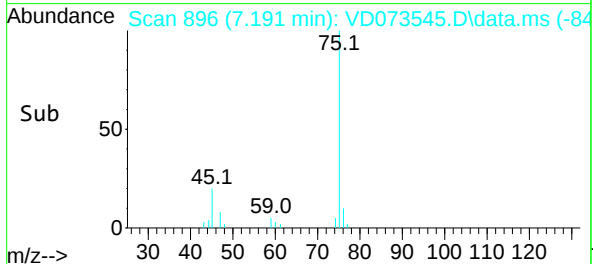
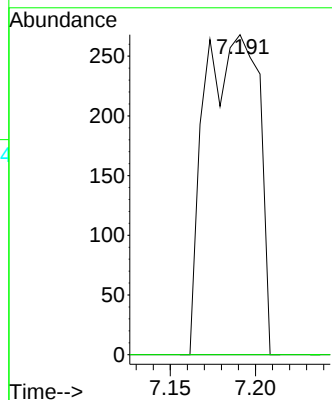
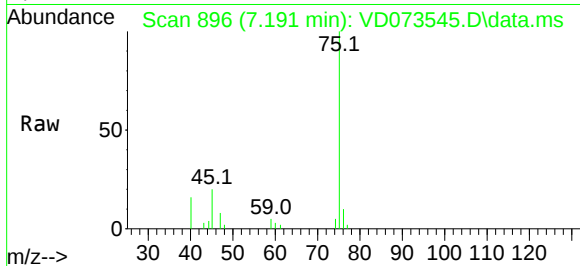




#25
2-Butanone
Concen: 1.067 ug/l
RT: 7.191 min Scan# 899
Delta R.T. -0.018 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

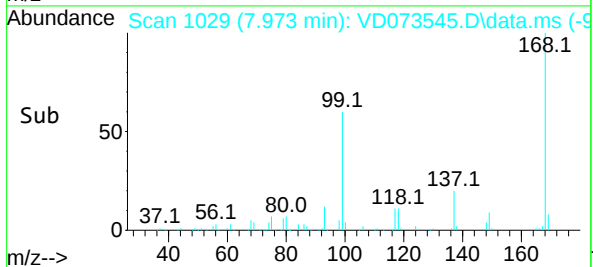
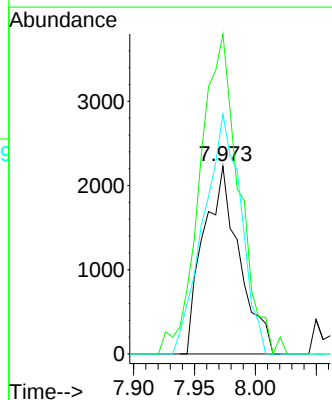
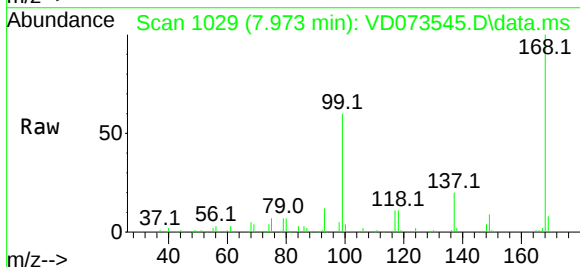
Instrument :
MSVOA_D
ClientSampleId :
OR-03-060922

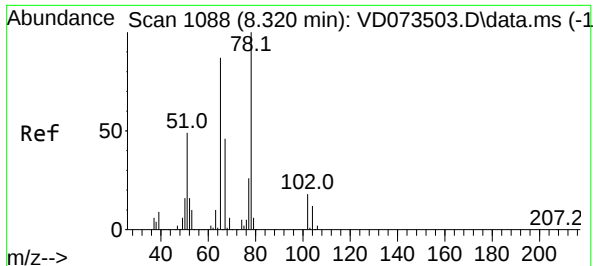
Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Tgt Ion: 56 Resp: 4525
Ion Ratio Lower Upper
56 100
69 161.4 25.4 38.2#
84 127.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.006 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD073545.D

Acq: 13 Jun 2022 14:44

Instrument :

MSVOA_D

ClientSampleId :

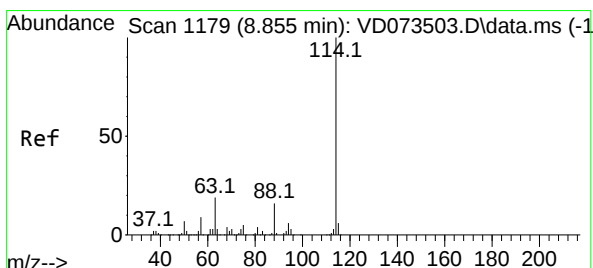
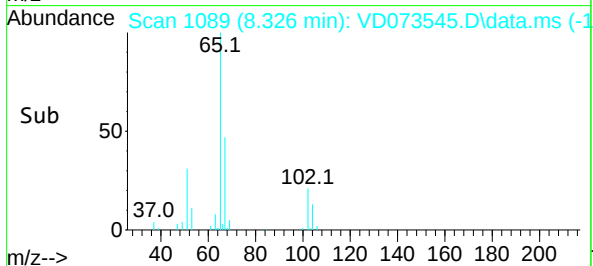
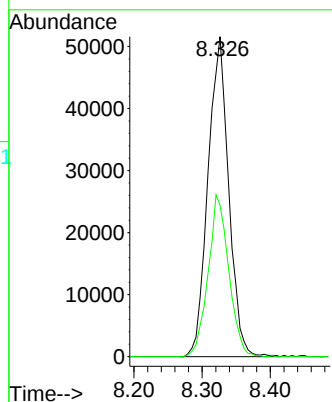
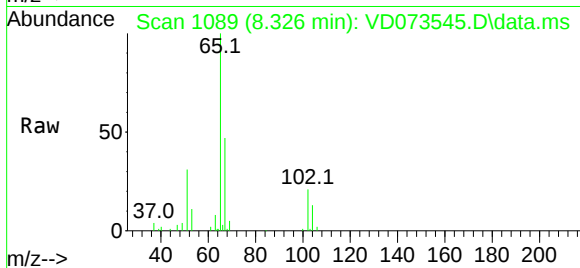
OR-03-060922

Tgt Ion: 65 Resp: 109067

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073545.D

Acq: 13 Jun 2022 14:44

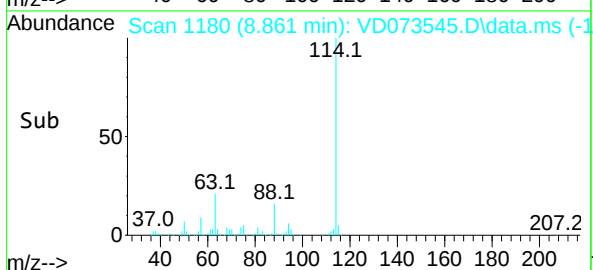
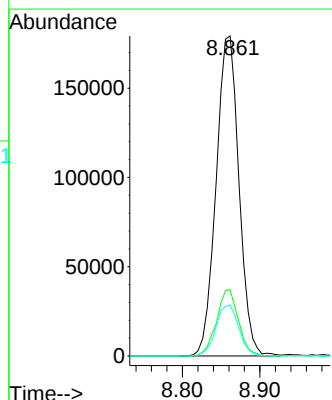
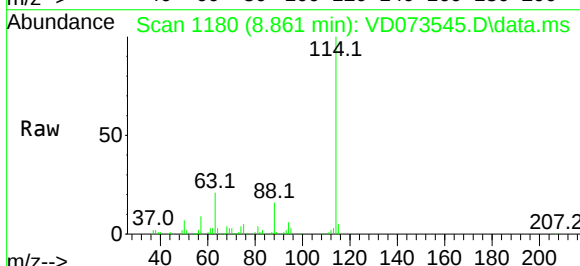
Tgt Ion: 114 Resp: 367442

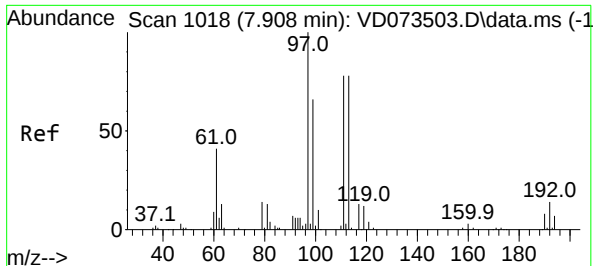
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

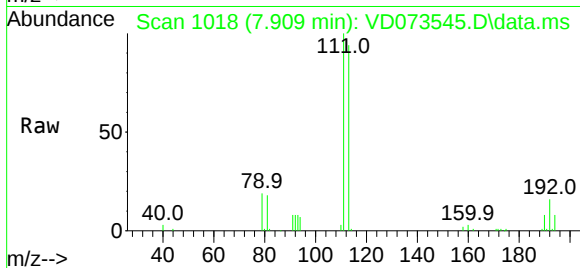
88 15.9 0.0 33.2



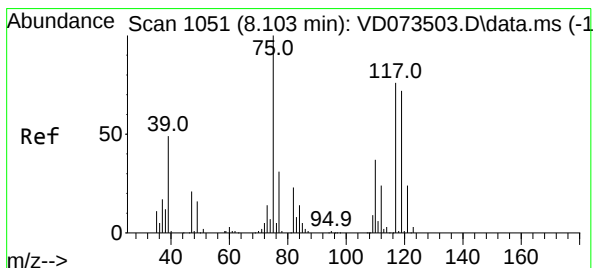
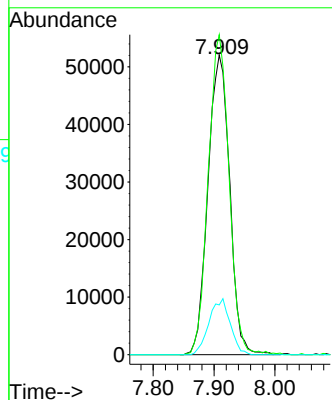
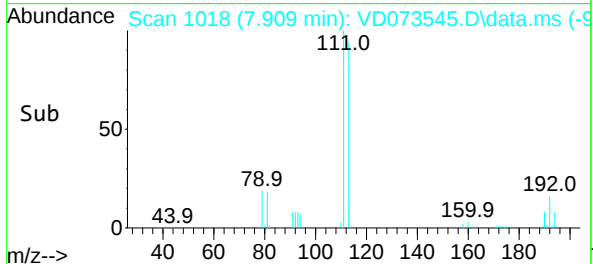


#35
Dibromofluoromethane
Concen: 54.570 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.001 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Instrument :
MSVOA_D
ClientSampleId :
OR-03-060922

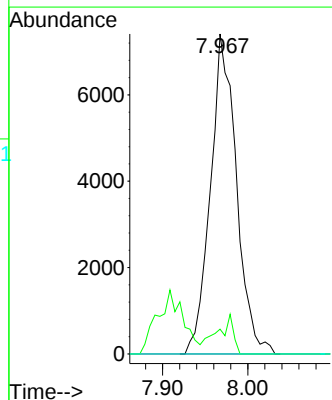
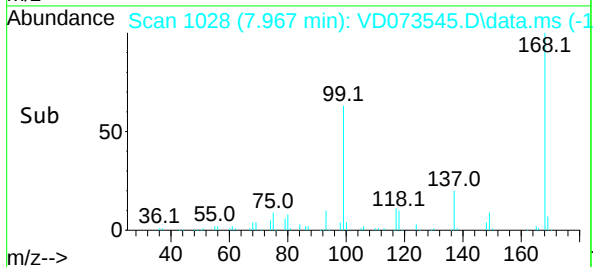
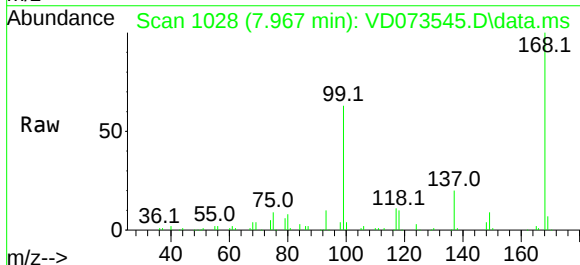


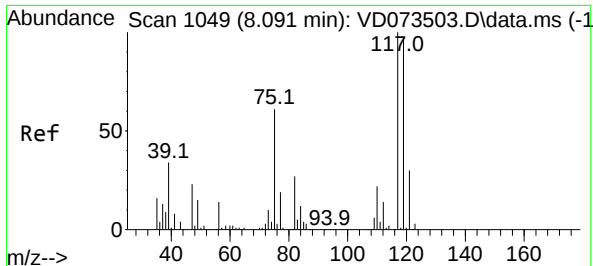
Tgt Ion:113 Resp: 128937
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 18.3 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.423 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.136 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

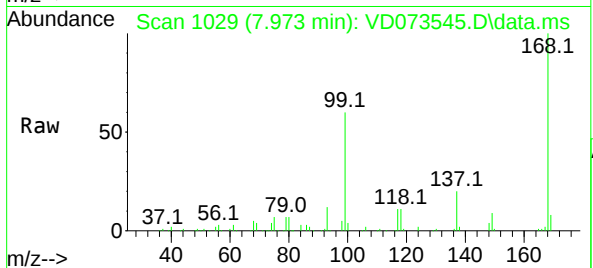
Tgt Ion: 75 Resp: 15697
Ion Ratio Lower Upper
75 100
110 7.9 16.4 49.1#
77 0.0 24.2 36.2#



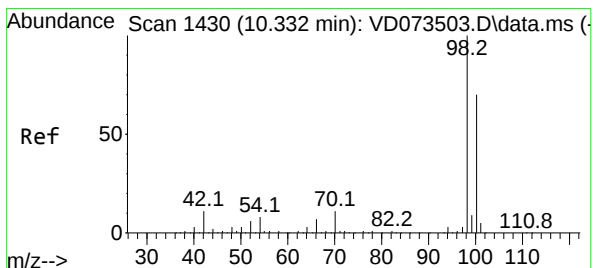
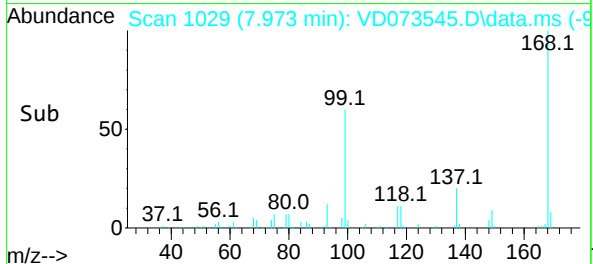
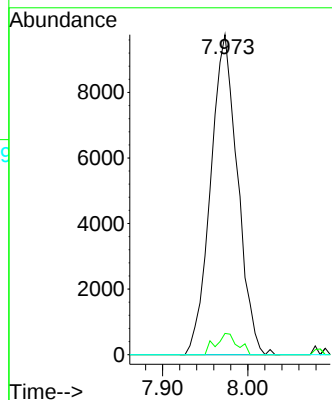


#38
Carbon Tetrachloride
Concen: 5.779 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Instrument :
MSVOA_D
ClientSampleId :
OR-03-060922

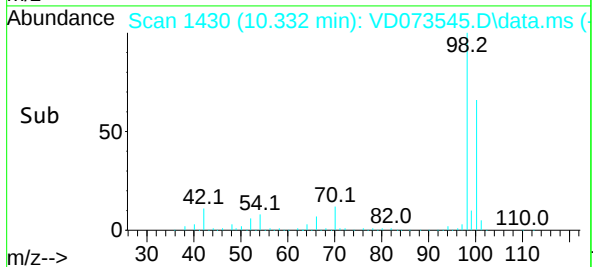
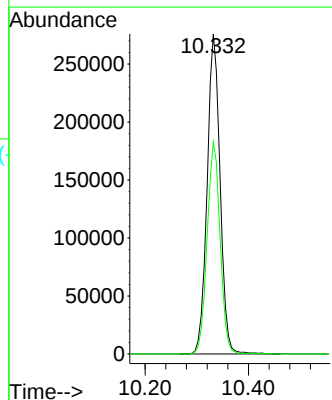
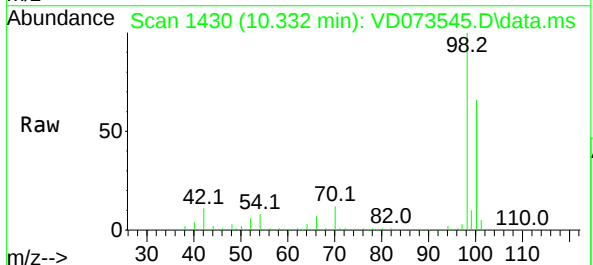


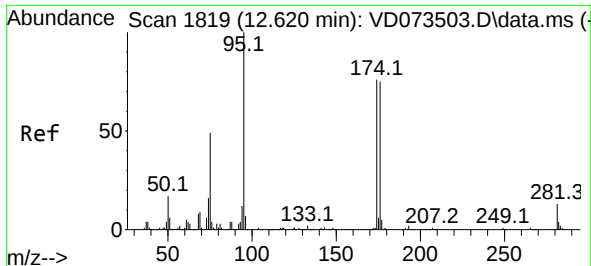
Tgt Ion:117 Resp: 21454
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.707 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Tgt Ion: 98 Resp: 479787
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

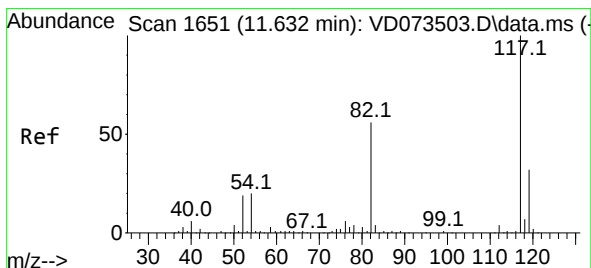
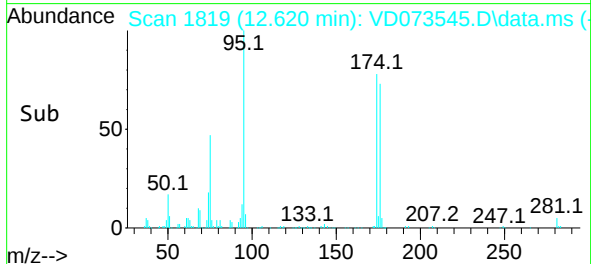
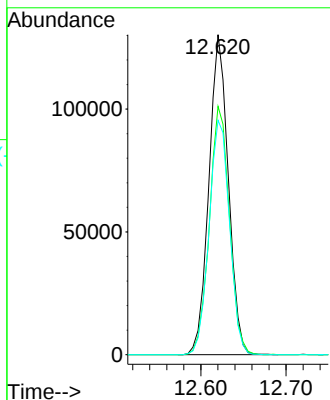
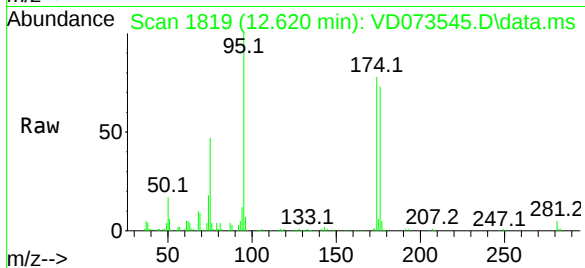




#62
4-Bromofluorobenzene
Concen: 63.685 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

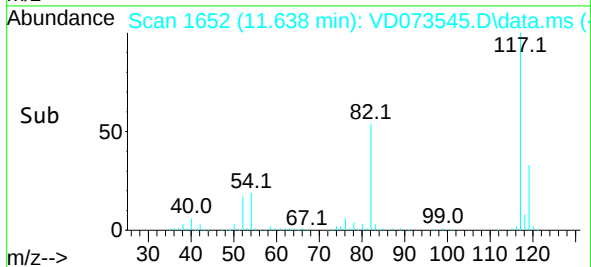
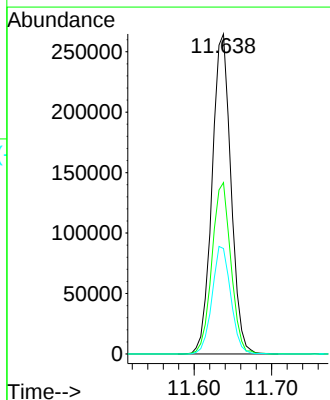
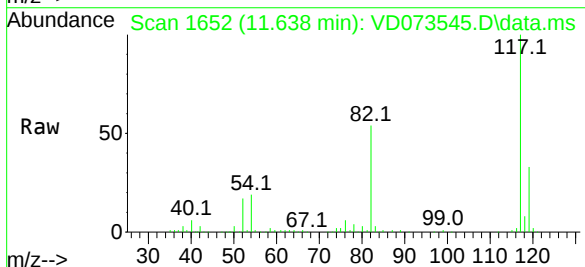
Instrument :
MSVOA_D
ClientSampleId :
OR-03-060922

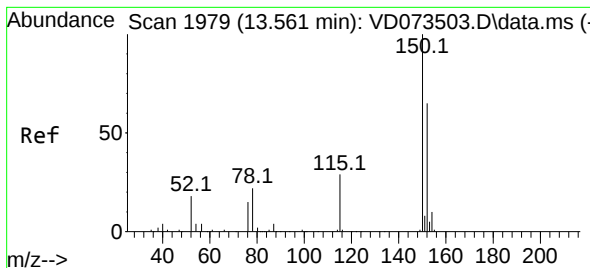
Tgt Ion: 95 Resp: 206536
Ion Ratio Lower Upper
95 100
174 80.0 0.0 152.8
176 77.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Tgt Ion: 117 Resp: 447534
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 33.0 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: VD073545.D

Acq: 13 Jun 2022 14:44

Instrument :

MSVOA_D

ClientSampleId :

OR-03-060922

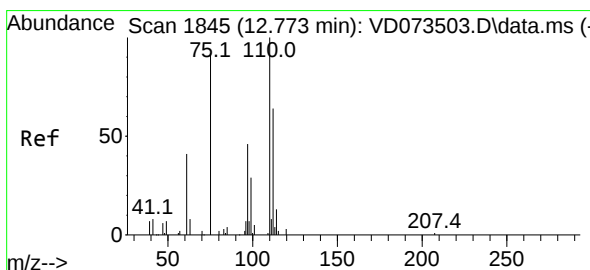
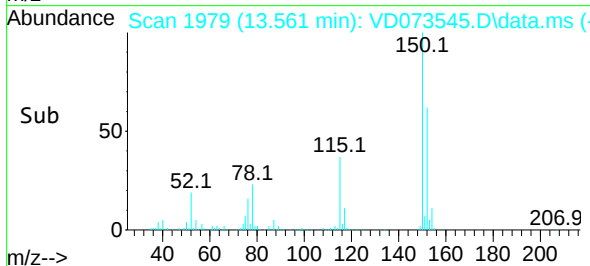
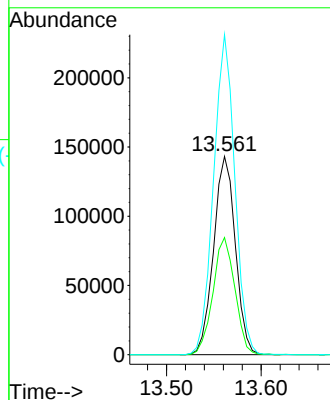
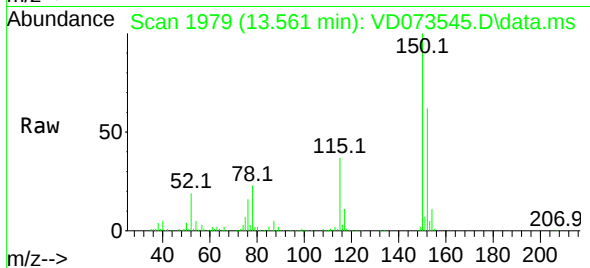
Tgt Ion:152 Resp: 228335

Ion Ratio Lower Upper

152 100

115 59.7 31.3 93.8

150 158.0 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 46.830 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.153 min

Lab File: VD073545.D

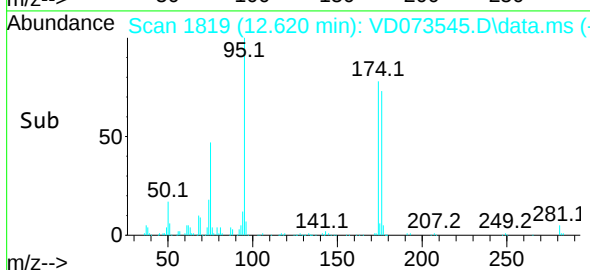
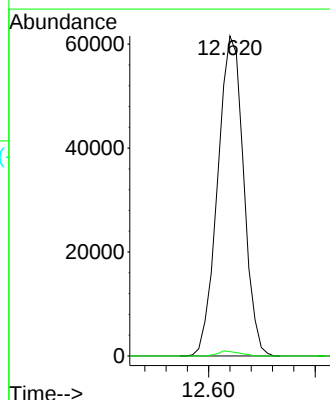
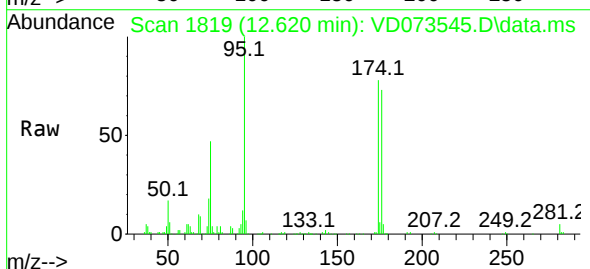
Acq: 13 Jun 2022 14:44

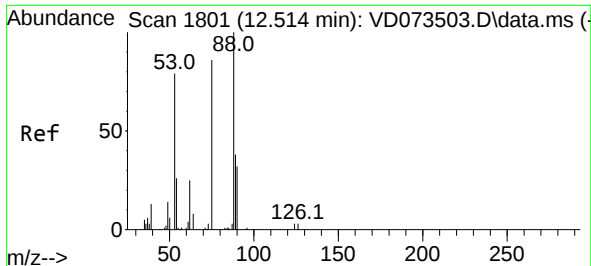
Tgt Ion: 75 Resp: 103878

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

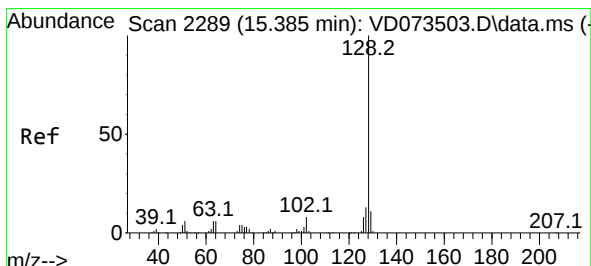
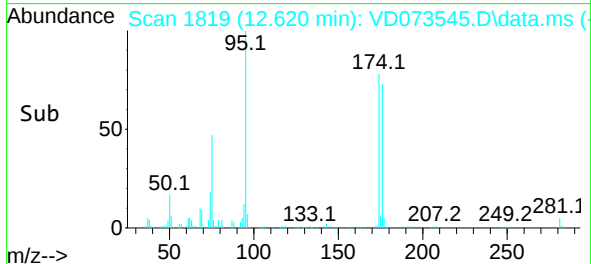
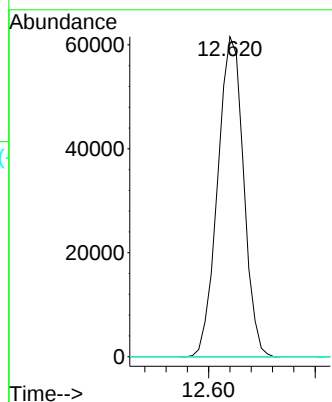
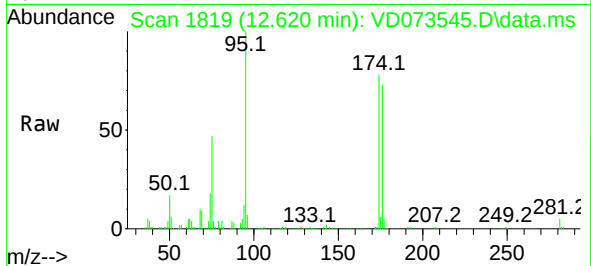




#81
trans-1,4-Dichloro-2-butene
Concen: 109.918 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Instrument :
MSVOA_D
ClientSampleId :
OR-03-060922

Tgt Ion: 75 Resp: 103878
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 4.232 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD073545.D
Acq: 13 Jun 2022 14:44

Tgt Ion: 128 Resp: 257
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

