

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073538.D
 Acq On : 13 Jun 2022 11:06
 Operator : VA/SY
 Sample : VD0613SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBL01

Quant Time: Jun 13 15:30:05 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)

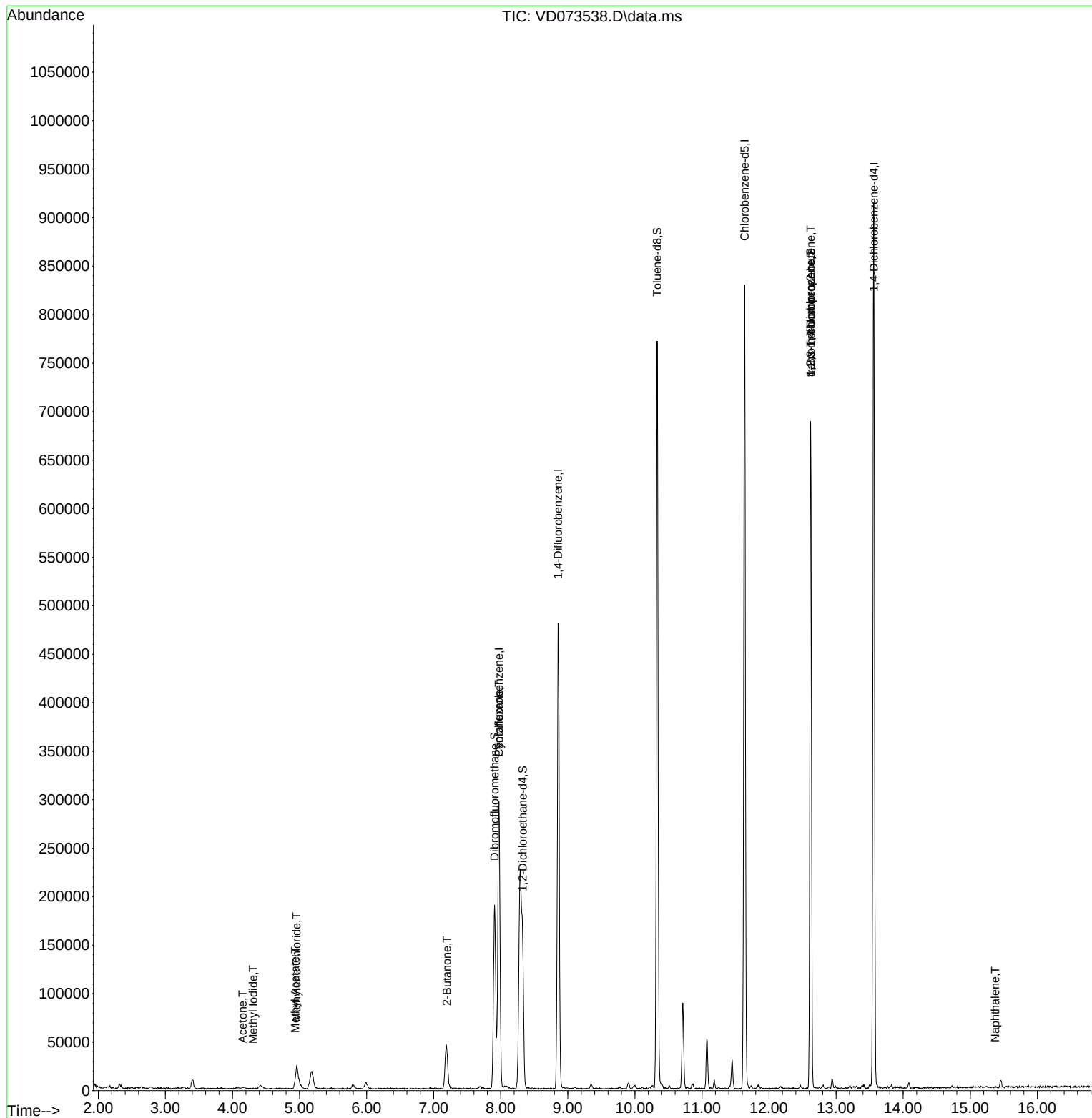
Internal Standards						
1) Pentafluorobenzene	7.973	168	219416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	412876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	492662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	121209	51.477	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.960%		
35) Dibromofluoromethane	7.908	113	137257	51.698	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 103.400%		
50) Toluene-d8	10.332	98	512787	51.084	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 102.160%		
62) 4-Bromofluorobenzene	12.620	95	223240	61.261	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 122.520%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	694	4.408	ug/l #	79
11) Tert butyl alcohol	5.185	59	15802	Below Cal	#	75
16) Acetone	4.150	43	1709	4.122	ug/l #	79
18) Methyl Acetate	4.938	43	521	1.803	ug/l #	55
20) Methylene Chloride	4.956	84	16917	3.472	ug/l	90
25) 2-Butanone	7.197	43	2523	4.136	ug/l	94
31) Cyclohexane	7.973	56	5936	1.497	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	110780	46.396	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	110780	108.898	ug/l #	7
95) Naphthalene	15.373	128	1050	4.312	ug/l #	70

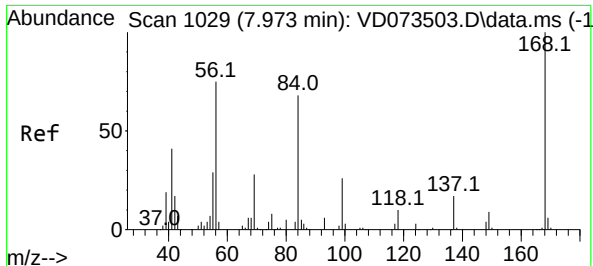
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
Data File : VD073538.D
Acq On : 13 Jun 2022 11:06
Operator : VA/SY
Sample : VD0613SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0613SBL01

Quant Time: Jun 13 15:30:05 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

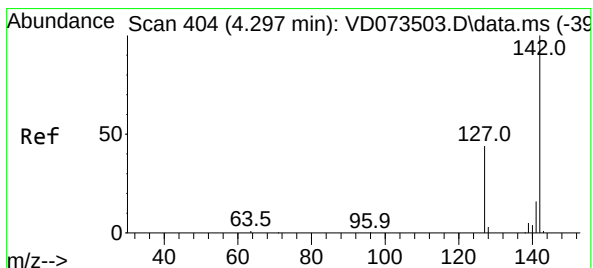
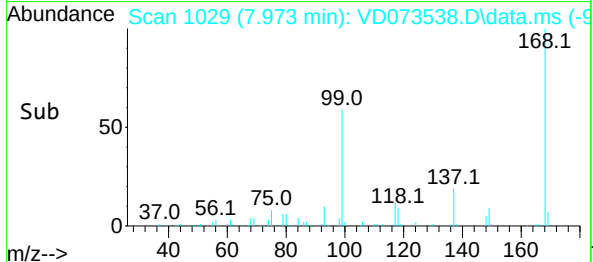
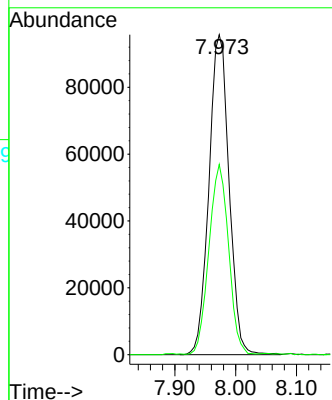
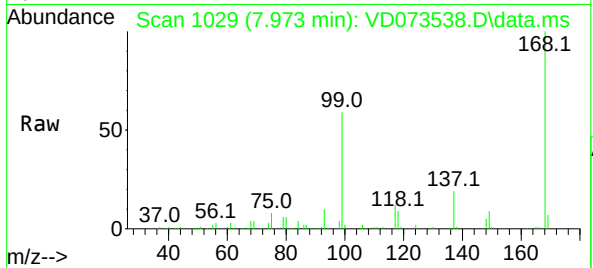




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

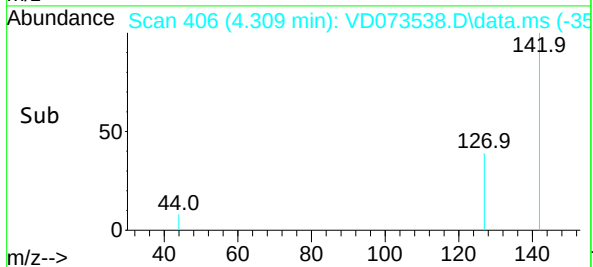
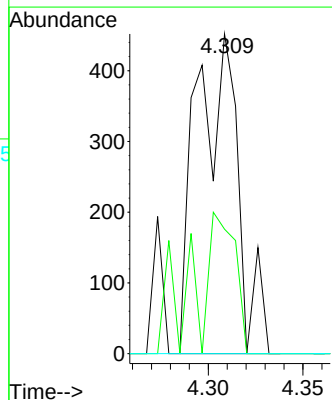
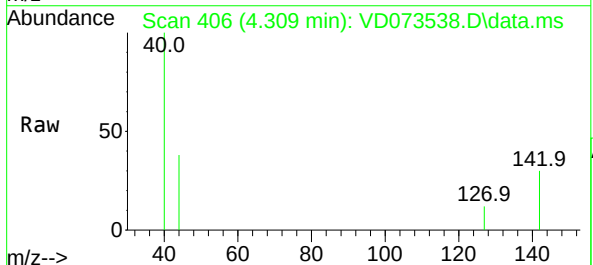
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBL01

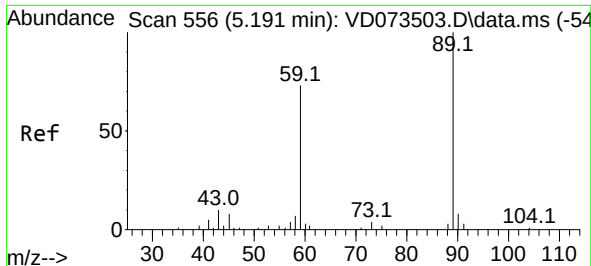
Tgt Ion:168 Resp: 219416
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#10
Methyl Iodide
Concen: 4.408 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

Tgt Ion:142 Resp: 694
Ion Ratio Lower Upper
142 100
127 35.9 37.3 55.9#
141 0.0 11.7 17.5#

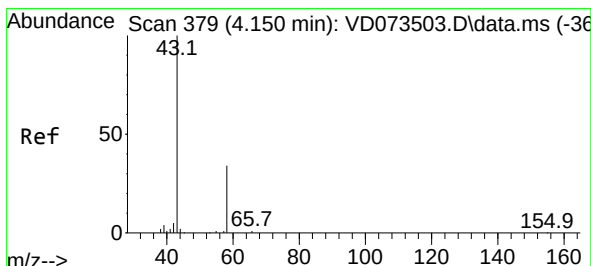
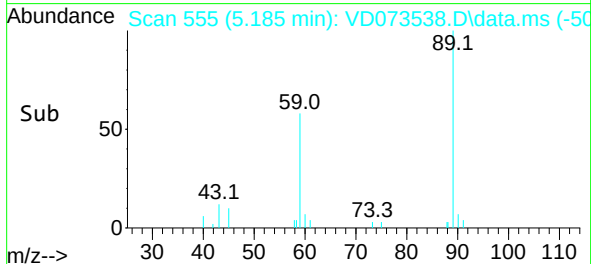
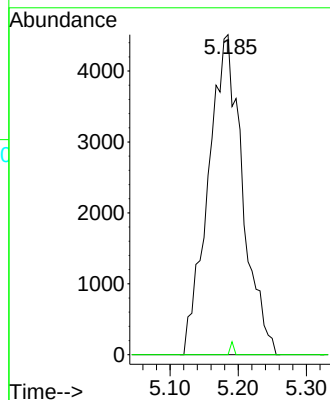
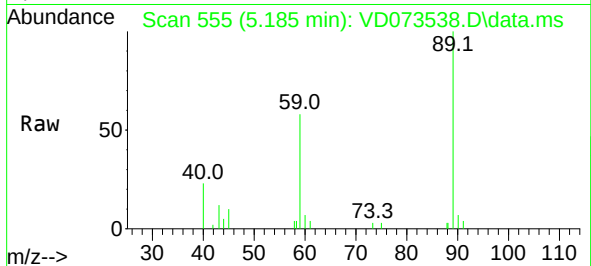




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 511
Delta R.T. -0.006 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

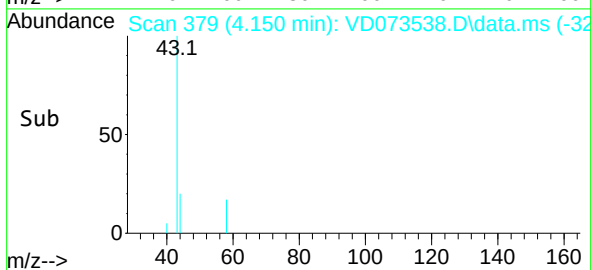
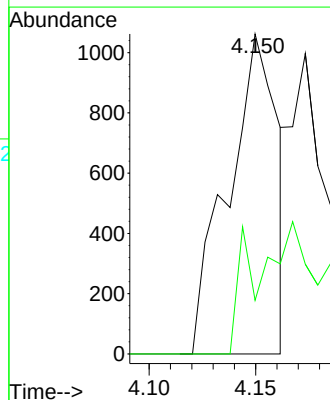
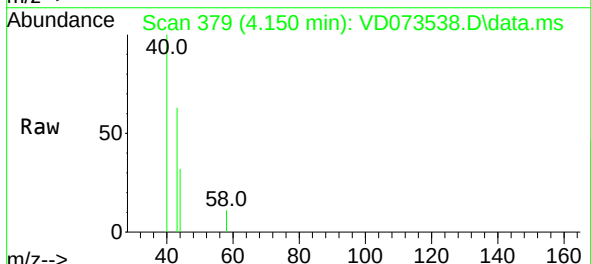
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBL01

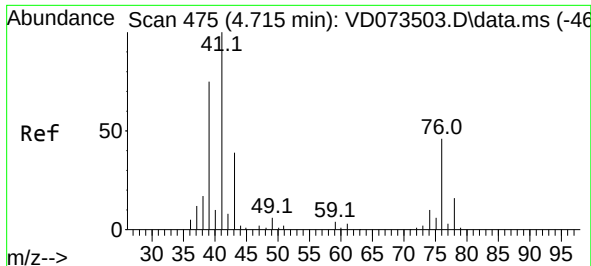
Tgt Ion: 59 Resp: 15802
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.6#



#16
Acetone
Concen: 4.122 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
58 16.8 22.1 33.1#

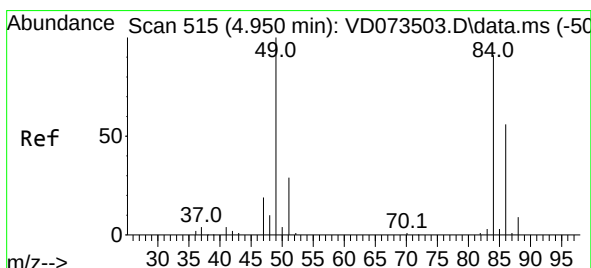
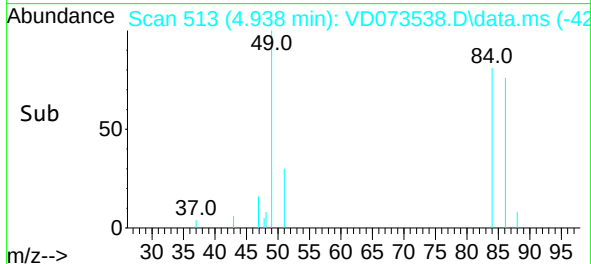
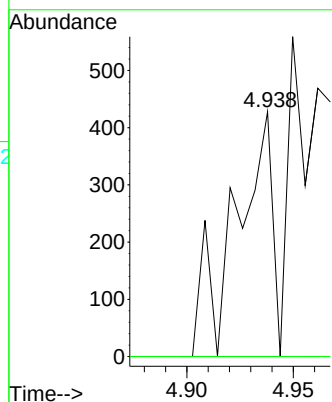
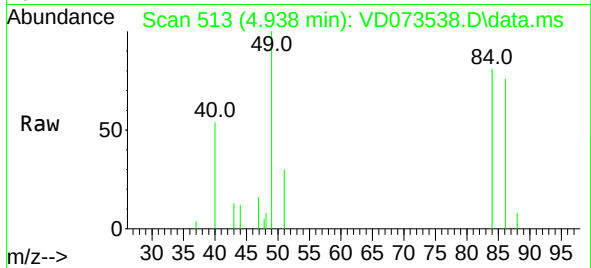




#18
Methyl Acetate
Concen: 1.803 ug/l
RT: 4.938 min Scan# 513
Delta R.T. 0.223 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

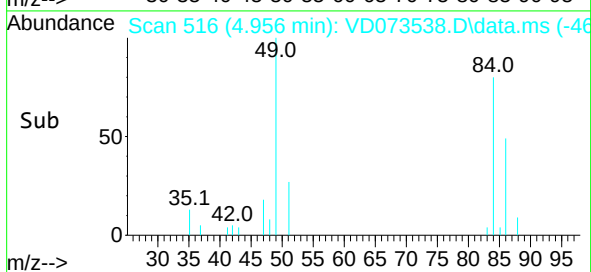
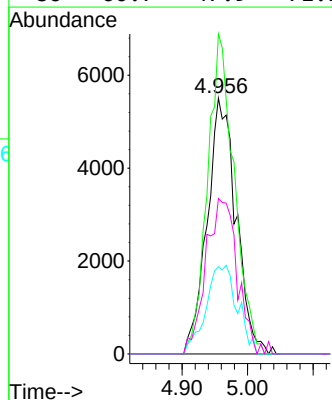
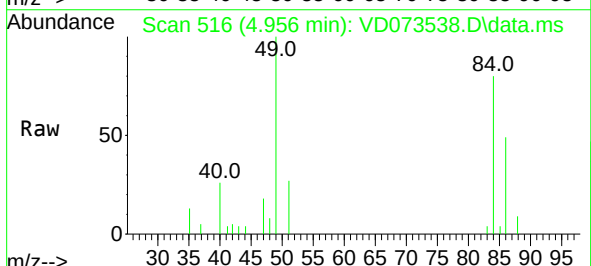
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBL01

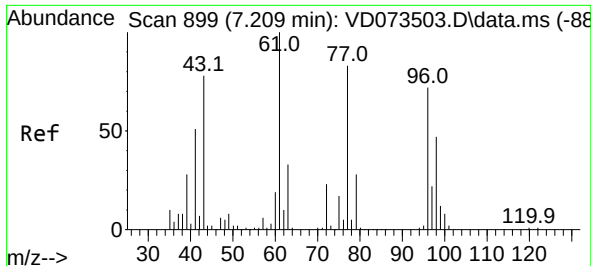
Tgt Ion: 43 Resp: 521
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 3.472 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

Tgt Ion: 84 Resp: 16917
Ion Ratio Lower Upper
84 100
49 125.0 112.8 169.2
51 34.1 32.6 48.8
86 60.7 47.9 71.9

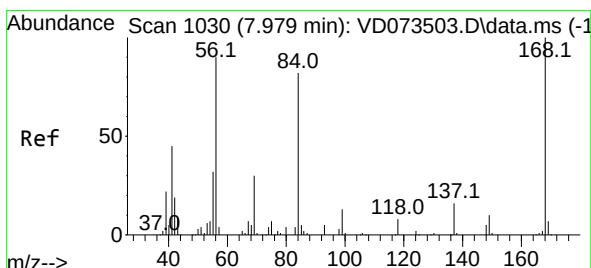
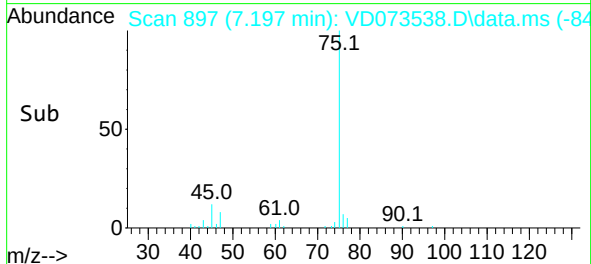
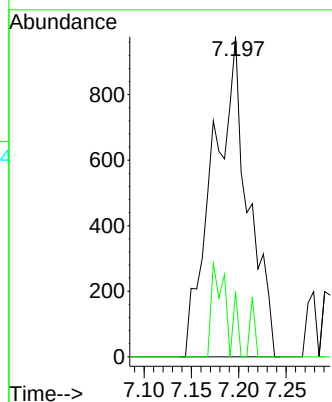
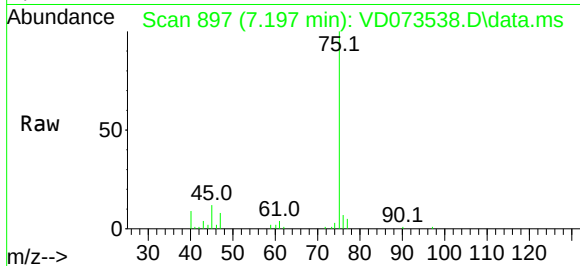




#25
2-Butanone
Concen: 4.136 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

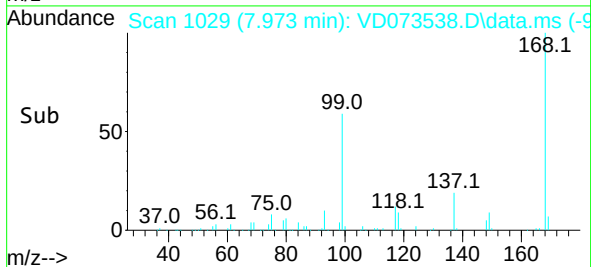
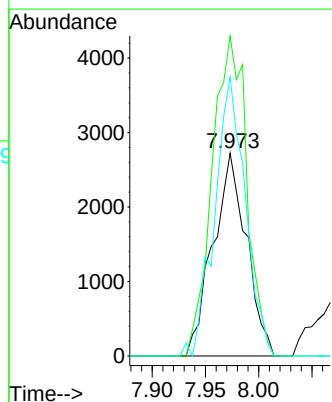
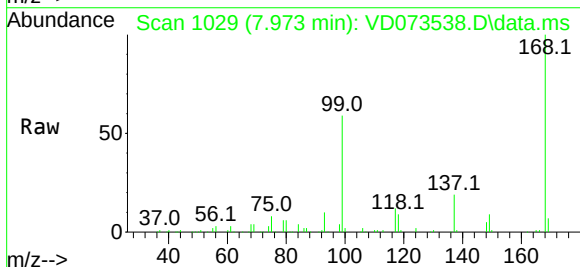
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBL01

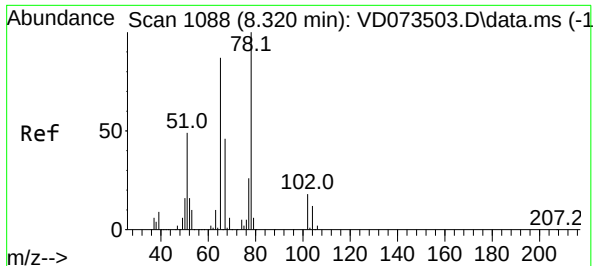
Tgt Ion: 43 Resp: 2523
Ion Ratio Lower Upper
43 100
72 20.4 18.6 27.8



#31
Cyclohexane
Concen: 1.497 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

Tgt Ion: 56 Resp: 5936
Ion Ratio Lower Upper
56 100
69 157.8 25.4 38.2#
84 137.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.477 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073538.D

Acq: 13 Jun 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

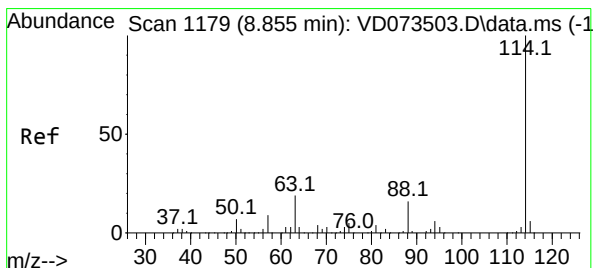
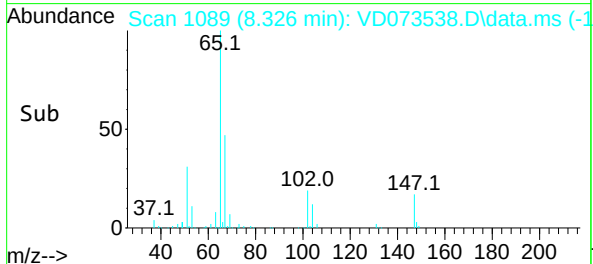
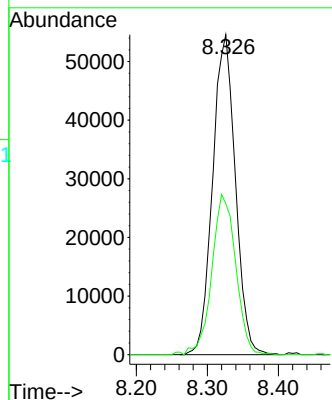
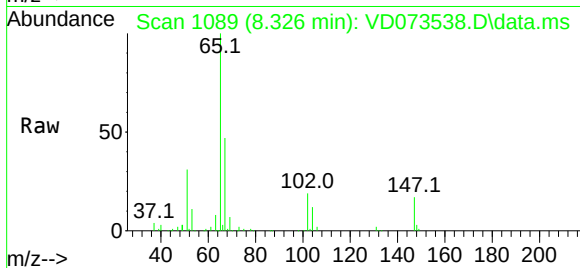
VD0613SBL01

Tgt Ion: 65 Resp: 121209

Ion Ratio Lower Upper

65 100

67 52.8 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: VD073538.D

Acq: 13 Jun 2022 11:06

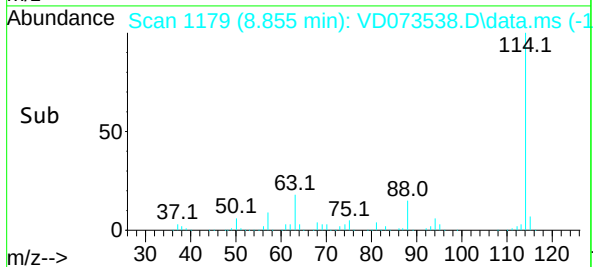
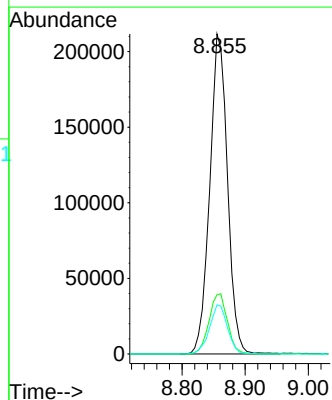
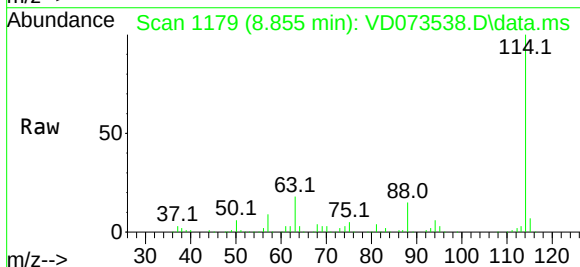
Tgt Ion: 114 Resp: 412876

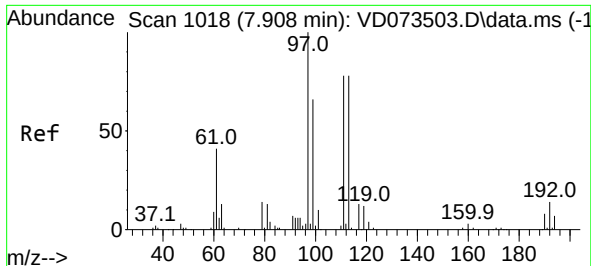
Ion Ratio Lower Upper

114 100

63 18.5 0.0 46.6

88 15.4 0.0 33.2

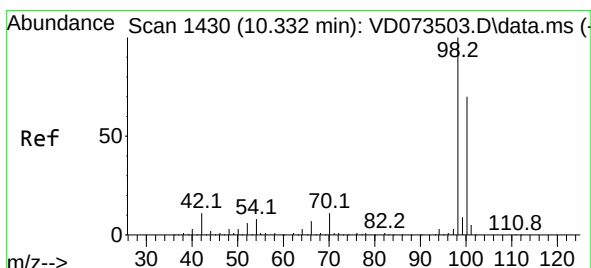
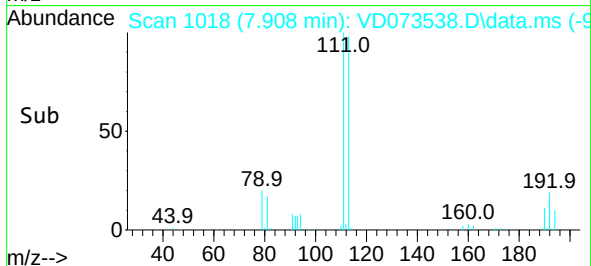
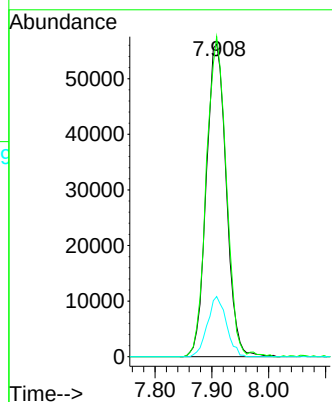
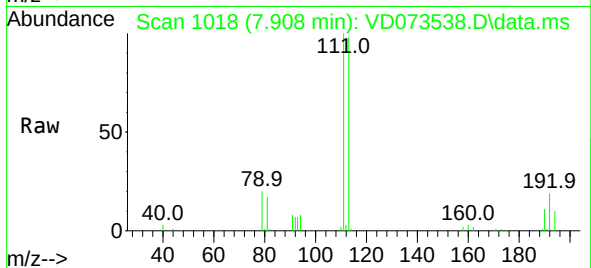




#35
Dibromofluoromethane
Concen: 51.698 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

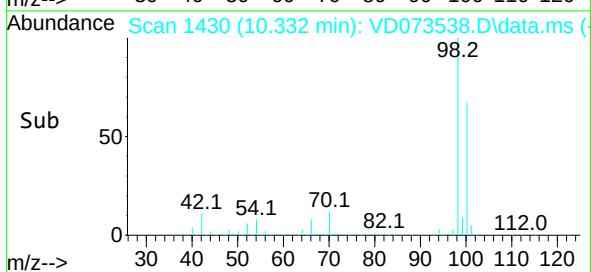
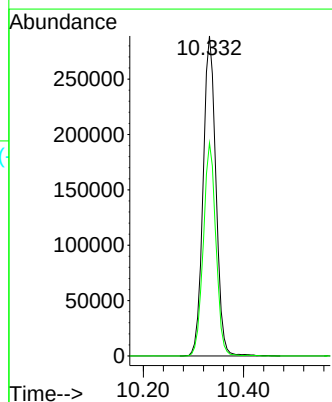
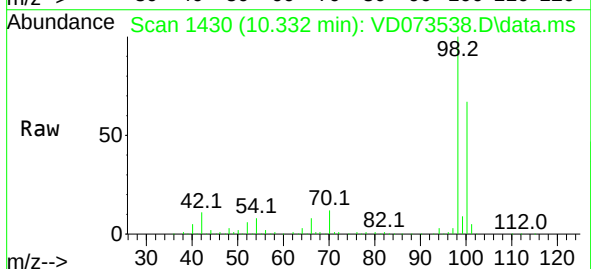
Instrument :
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VD0613SBL01

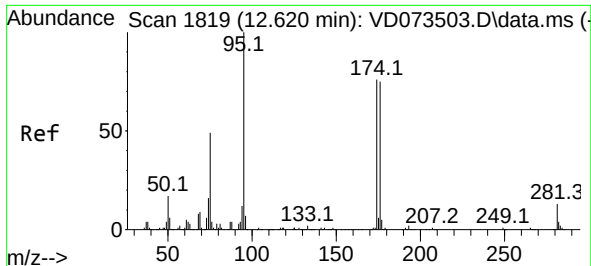
Tgt Ion:113 Resp: 137257
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 18.2 14.6 21.8



#50
Toluene-d8
Concen: 51.084 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

Tgt Ion: 98 Resp: 512787
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

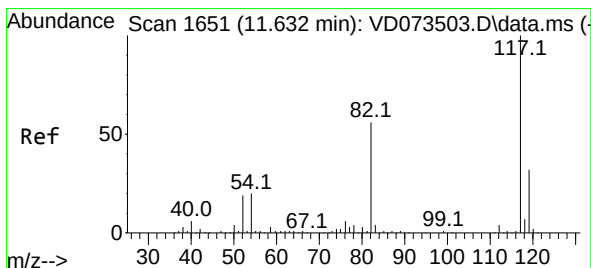
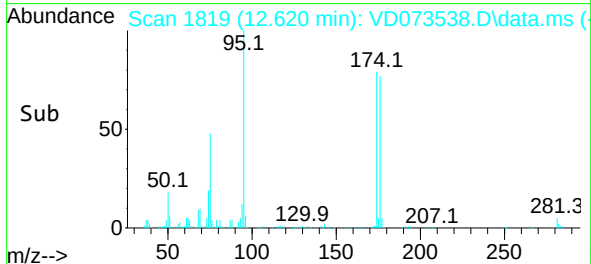
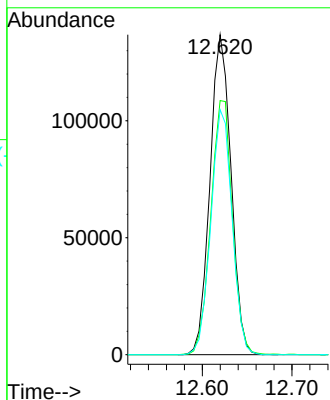
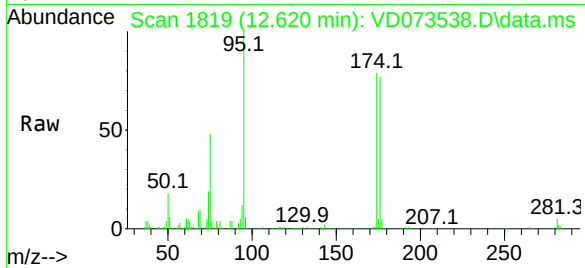




#62
4-Bromofluorobenzene
Concen: 61.261 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

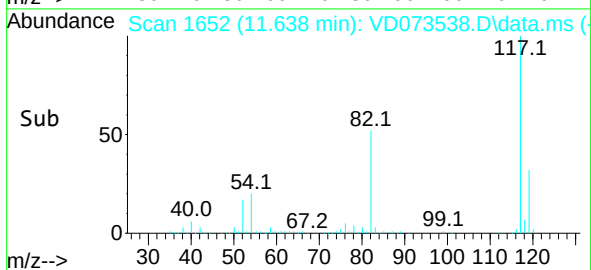
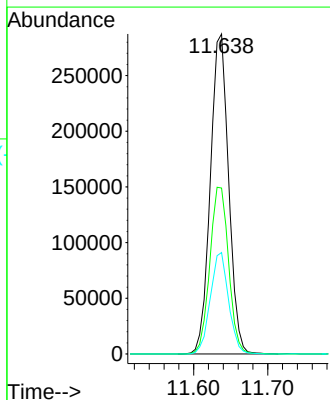
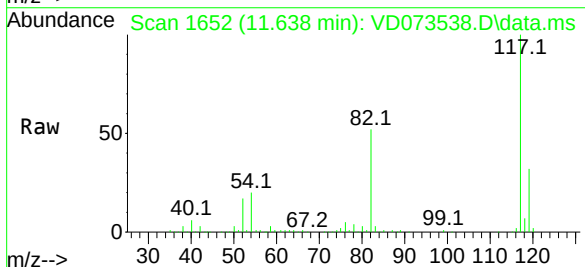
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBL01

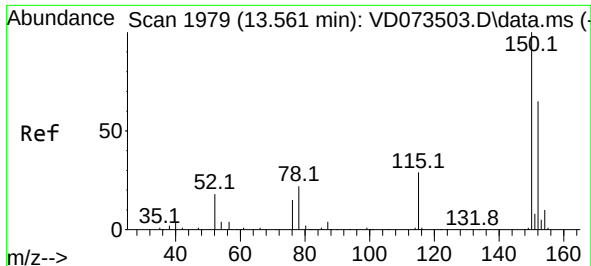
Tgt Ion: 95 Resp: 223240
Ion Ratio Lower Upper
95 100
174 81.5 0.0 152.8
176 77.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

Tgt Ion: 117 Resp: 492662
Ion Ratio Lower Upper
117 100
82 51.8 45.3 67.9
119 31.7 26.6 40.0

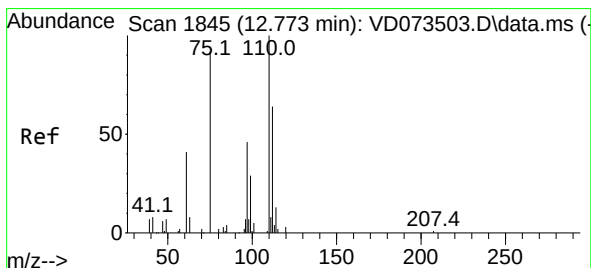
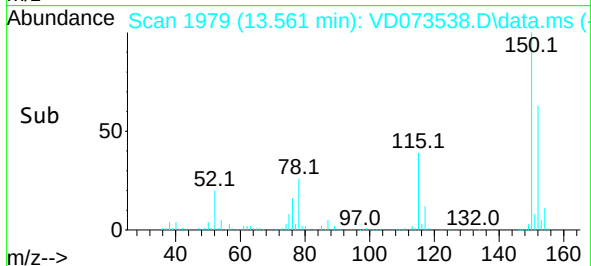
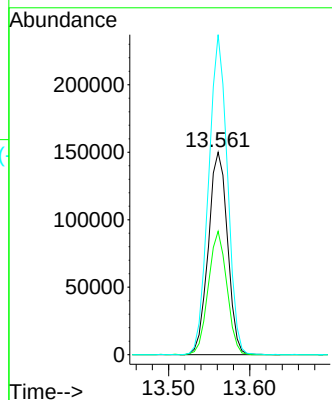
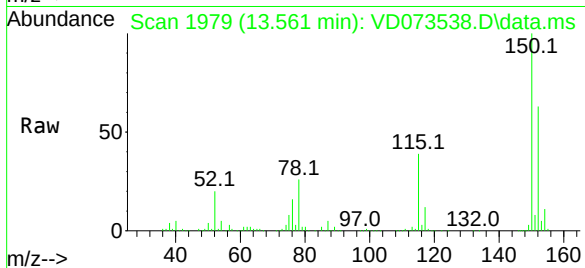




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VD073538.D
 Acq: 13 Jun 2022 11:06

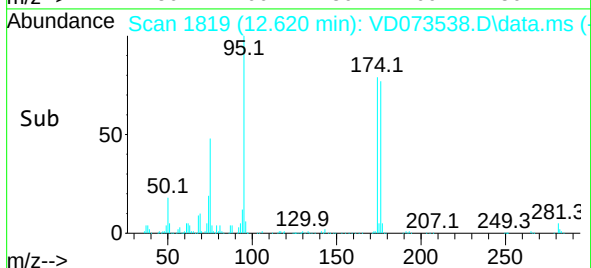
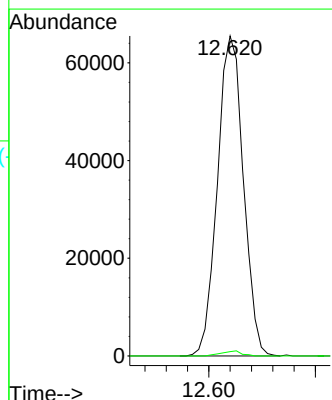
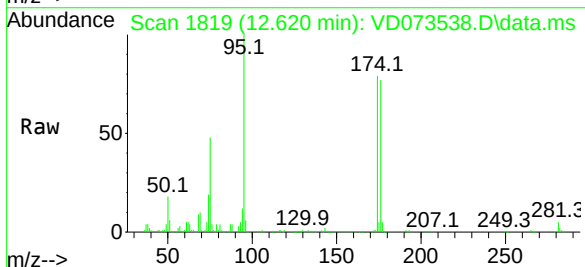
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBL01

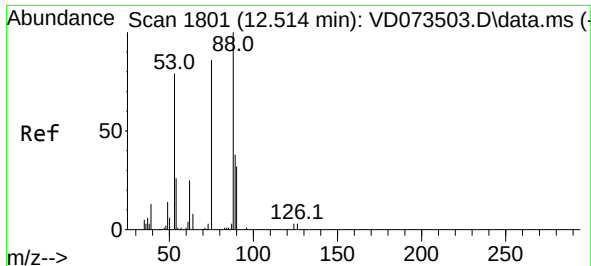
Tgt Ion:152 Resp: 245787
 Ion Ratio Lower Upper
 152 100
 115 58.8 31.3 93.8
 150 154.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 46.396 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073538.D
 Acq: 13 Jun 2022 11:06

Tgt Ion: 75 Resp: 110780
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

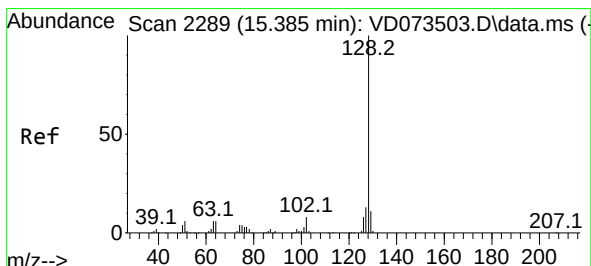
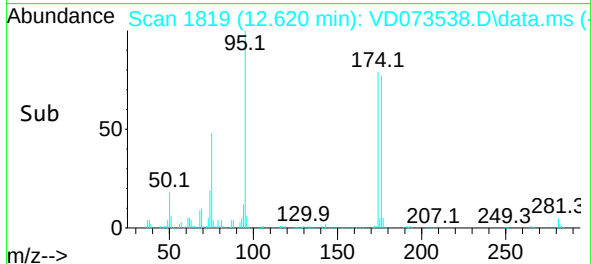
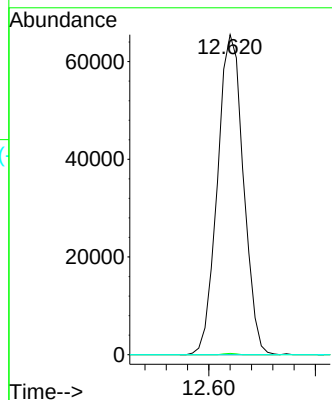
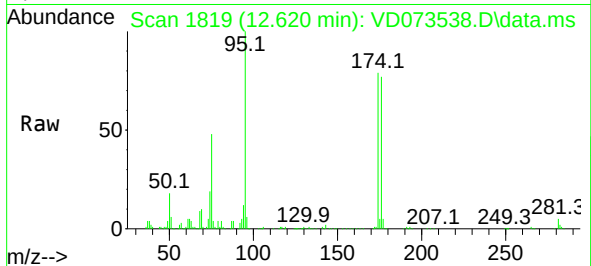




#81
trans-1,4-Dichloro-2-butene
Concen: 108.898 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VD0613SBL01

Tgt Ion: 75 Resp: 110780
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 4.312 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

Tgt Ion:128 Resp: 1050
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

