

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073522.D
 Acq On : 10 Jun 2022 12:11
 Operator : VA/SY
 Sample : VD0610SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0610SBL01

Quant Time: Jun 10 23:04:55 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)

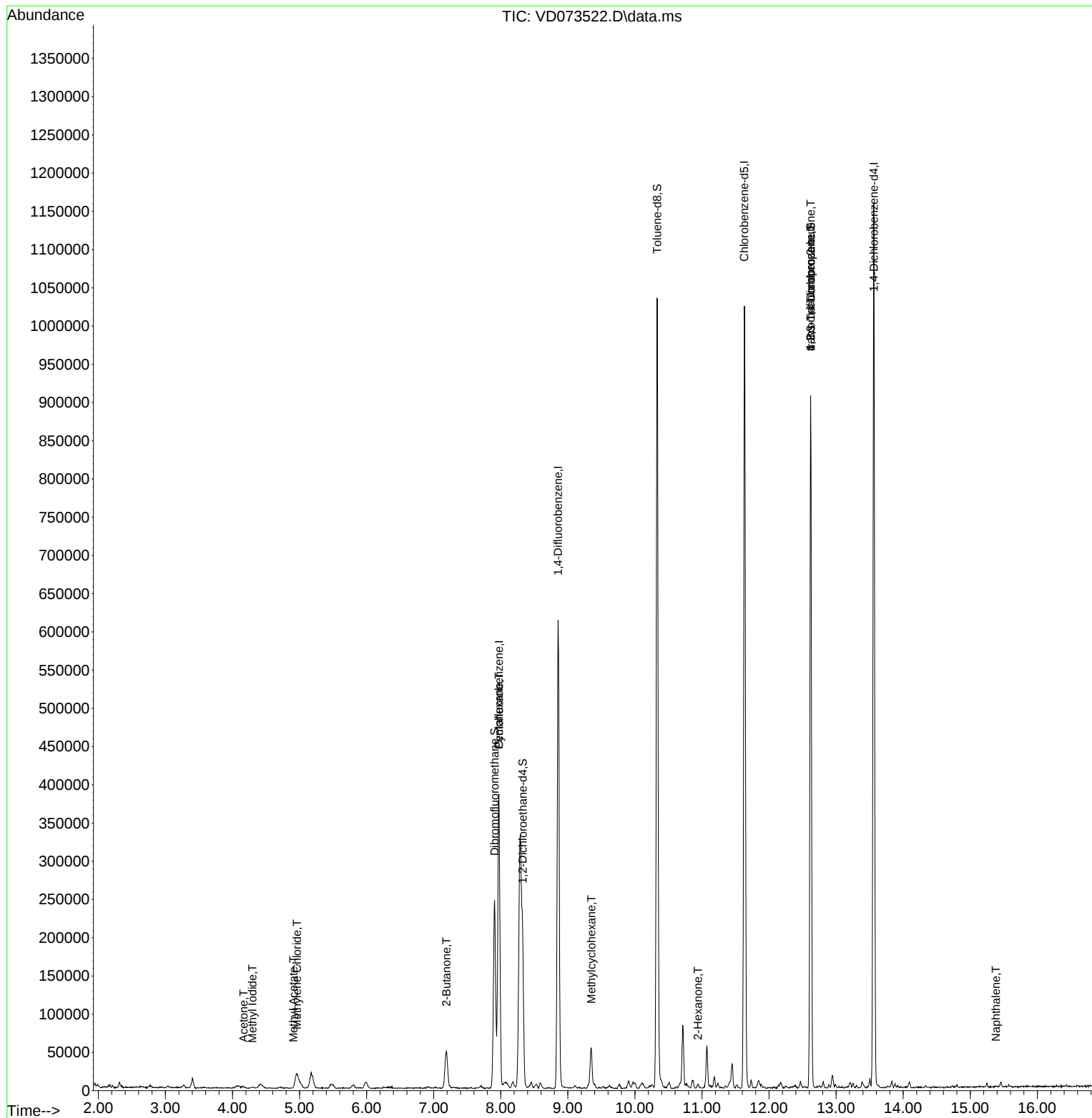
Internal Standards						
1) Pentafluorobenzene	7.973	168	277921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	540678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	625749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	313365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	154227	51.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.420%	
35) Dibromofluoromethane	7.908	113	175963	50.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.220%	
50) Toluene-d8	10.332	98	688784	52.398	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.800%	
62) 4-Bromofluorobenzene	12.620	95	298296	62.509	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 125.020%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	2285	4.784	ug/l #	60
11) Tert butyl alcohol	5.167	59	17162	Below Cal	#	74
16) Acetone	4.167	43	3298	6.280	ug/l	92
18) Methyl Acetate	4.909	43	289	1.559	ug/l #	55
20) Methylene Chloride	4.961	84	14220	1.128	ug/l #	70
25) 2-Butanone	7.191	43	2435	3.151	ug/l	99
31) Cyclohexane	7.973	56	9420	1.875	ug/l #	40
39) Methylcyclohexane	9.349	83	20508	3.370	ug/l	89
59) 2-Hexanone	10.938	43	2006	1.426	ug/l #	27
76) 1,2,3-Trichloropropane	12.620	75	145657	47.847	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	145657	112.305	ug/l #	7
95) Naphthalene	15.384	128	1283	4.308	ug/l #	75

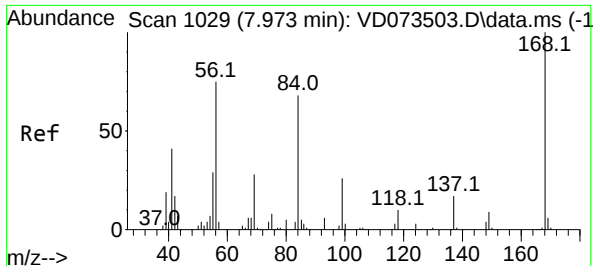
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 10 23:04:55 2022
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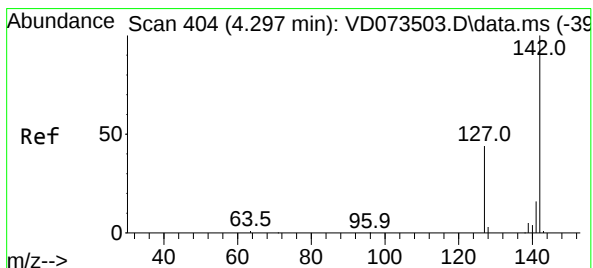
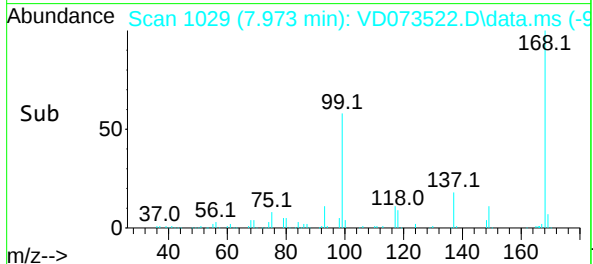
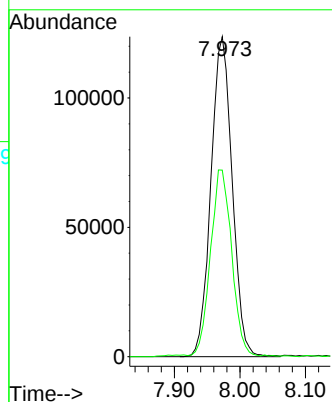
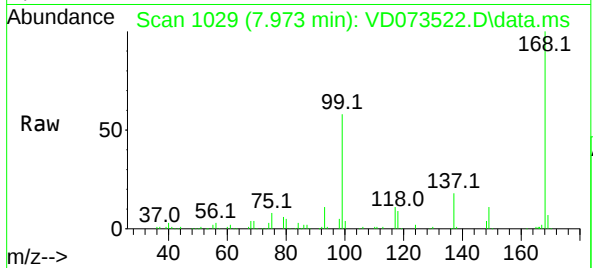




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

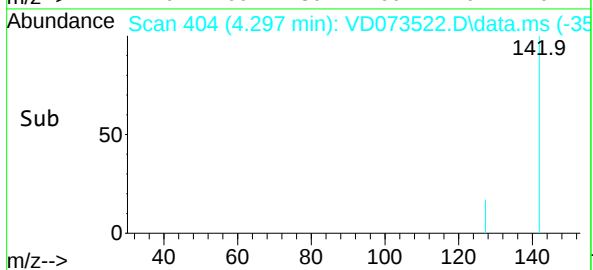
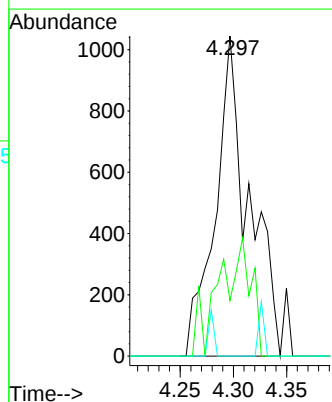
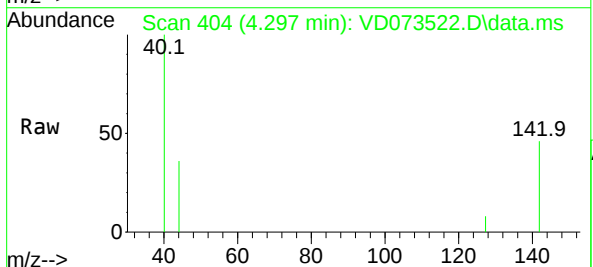
Instrument :
MSVOA_D
ClientSampleId :
VD0610SBL01

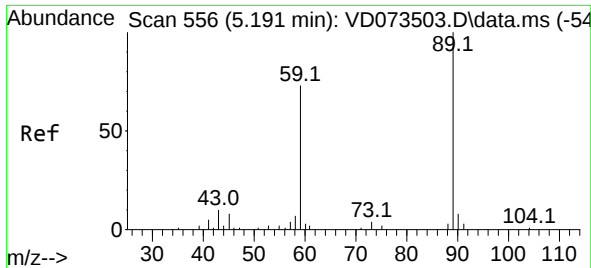
Tgt Ion:168 Resp: 277921
Ion Ratio Lower Upper
168 100
99 58.1 49.8 74.6



#10
Methyl Iodide
Concen: 4.784 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

Tgt Ion:142 Resp: 2285
Ion Ratio Lower Upper
142 100
127 18.0 37.3 55.9#
141 2.3 11.7 17.5#

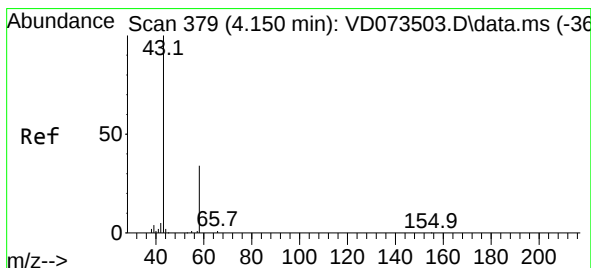
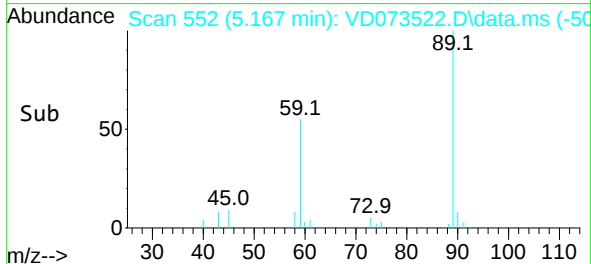
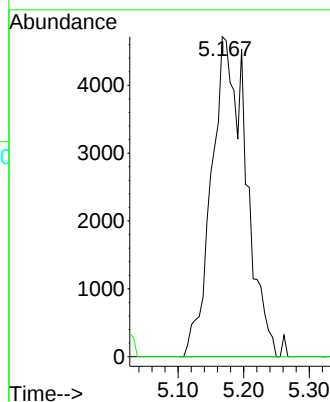
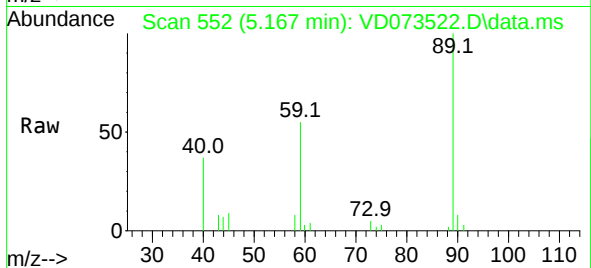




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.167 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

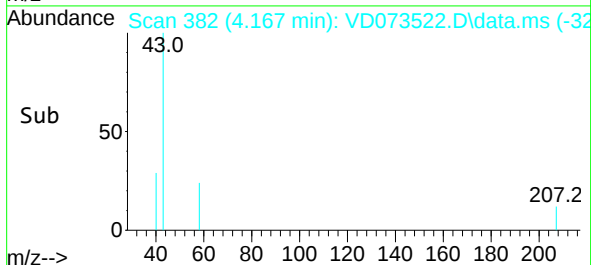
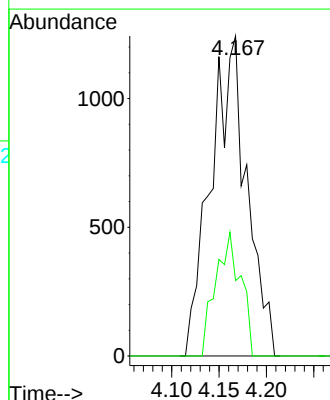
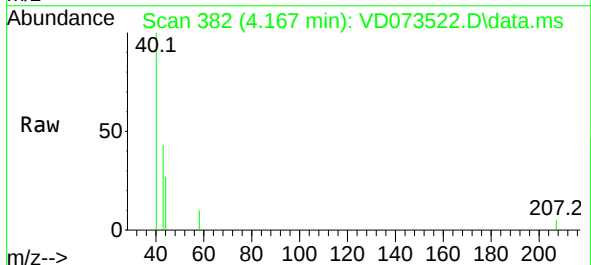
Instrument :
MSVOA_D
ClientSampleId :
VD0610SBL01

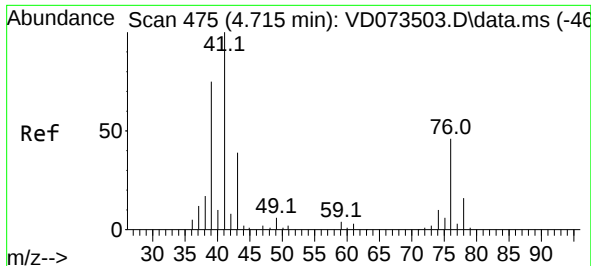
Tgt Ion: 59 Resp: 17162
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 6.280 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.017 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

Tgt Ion: 43 Resp: 3298
Ion Ratio Lower Upper
43 100
58 23.6 22.1 33.1

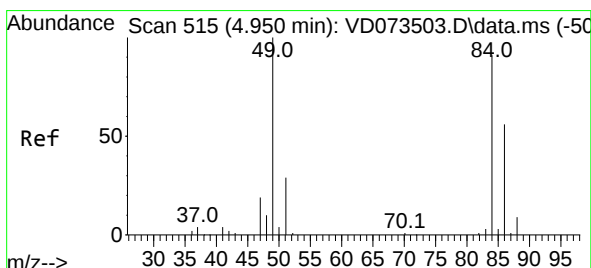
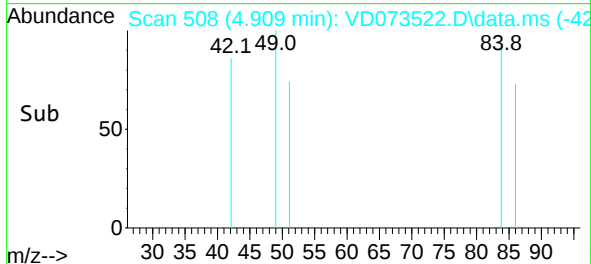
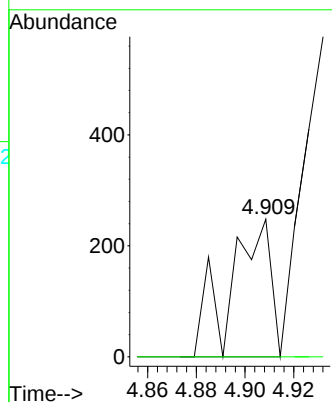
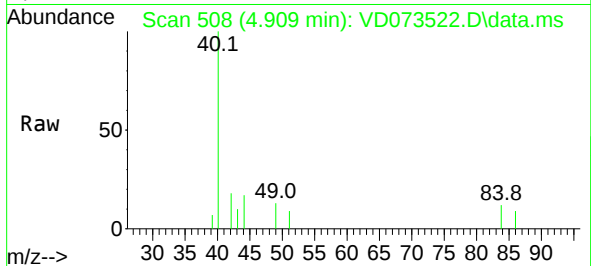




#18
Methyl Acetate
Concen: 1.559 ug/l
RT: 4.909 min Scan# 508
Delta R.T. 0.194 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

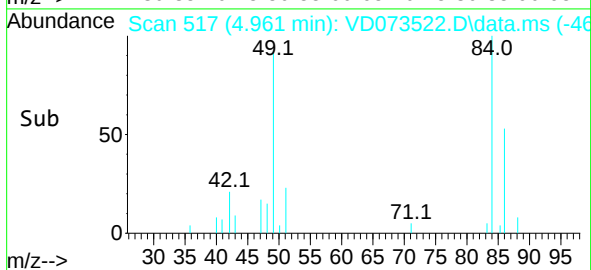
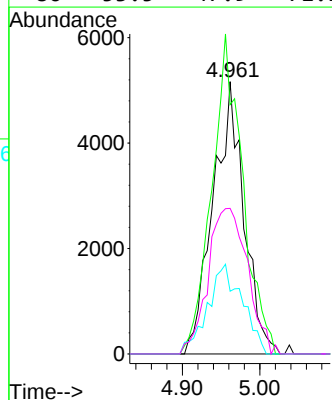
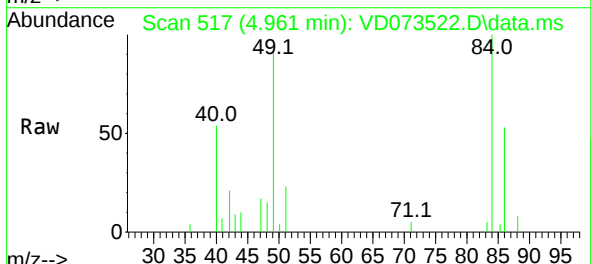
Instrument :
MSVOA_D
ClientSampleId :
VD0610SBL01

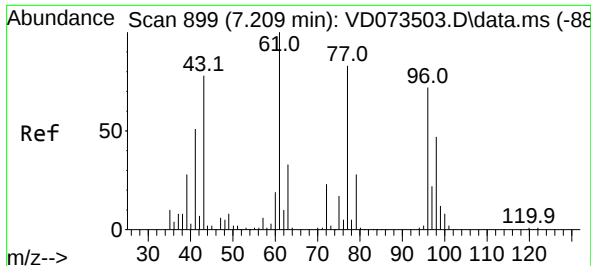
Tgt Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 1.128 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

Tgt Ion: 84 Resp: 14220
Ion Ratio Lower Upper
84 100
49 91.5 112.8 169.2#
51 23.1 32.6 48.8#
86 53.5 47.9 71.9

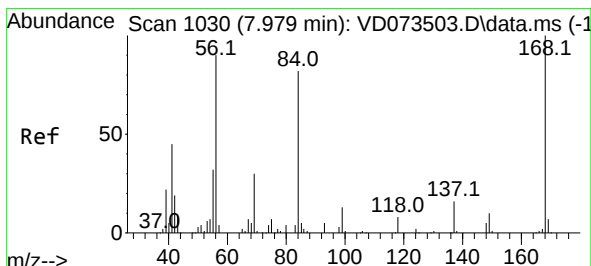
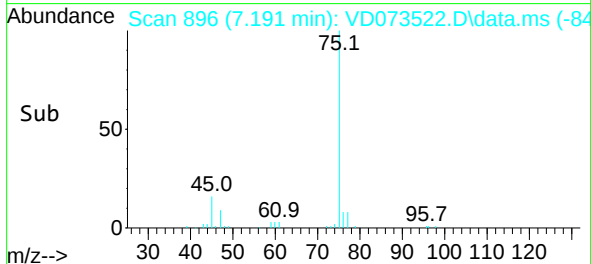
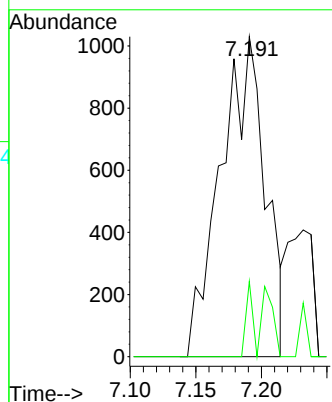
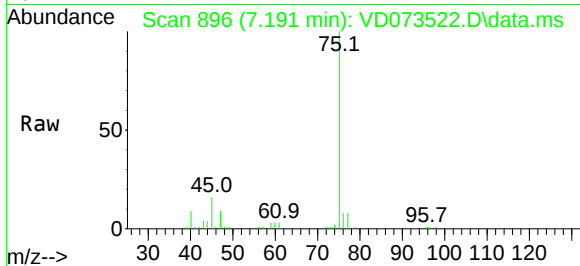




#25
2-Butanone
Concen: 3.151 ug/l
RT: 7.191 min Scan# 899
Delta R.T. -0.018 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

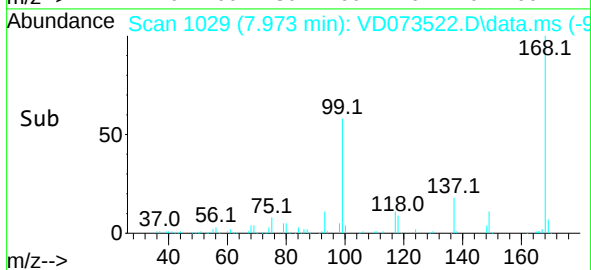
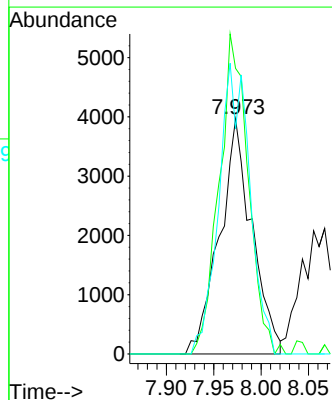
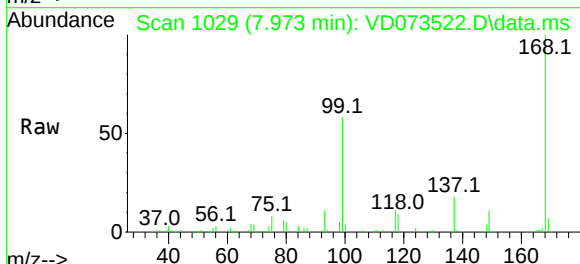
Instrument :
MSVOA_D
ClientSampleId :
VD0610SBL01

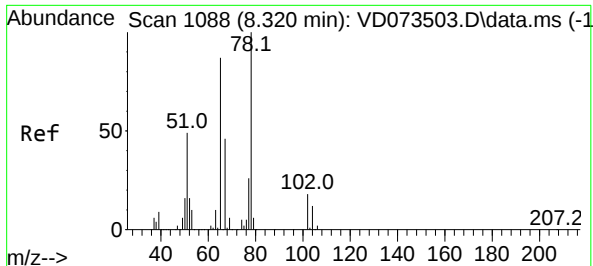
Tgt Ion: 43 Resp: 2435
Ion Ratio Lower Upper
43 100
72 23.5 18.6 27.8



#31
Cyclohexane
Concen: 1.875 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

Tgt Ion: 56 Resp: 9420
Ion Ratio Lower Upper
56 100
69 121.5 25.4 38.2#
84 95.7 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.711 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073522.D

Acq: 10 Jun 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

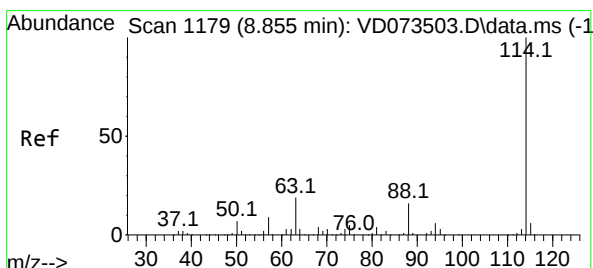
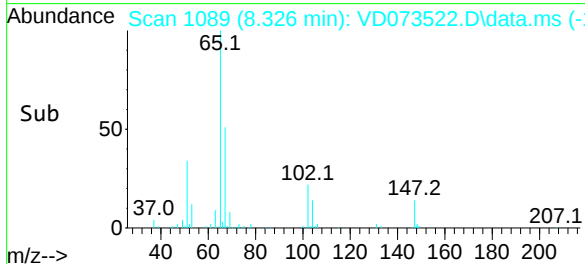
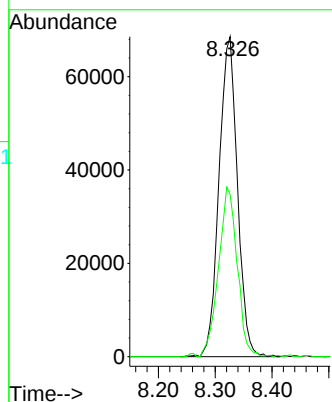
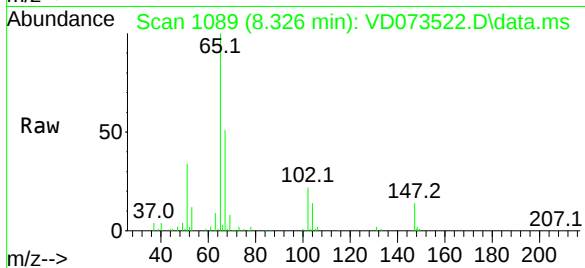
VD0610SBL01

Tgt Ion: 65 Resp: 154227

Ion Ratio Lower Upper

65 100

67 53.8 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: VD073522.D

Acq: 10 Jun 2022 12:11

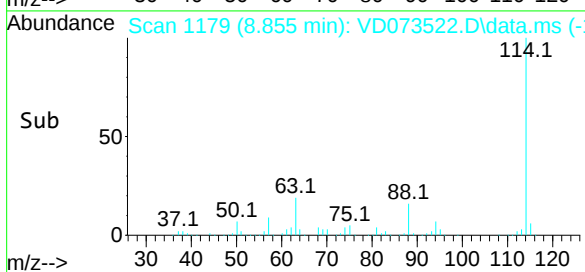
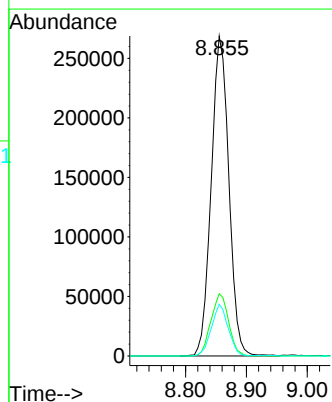
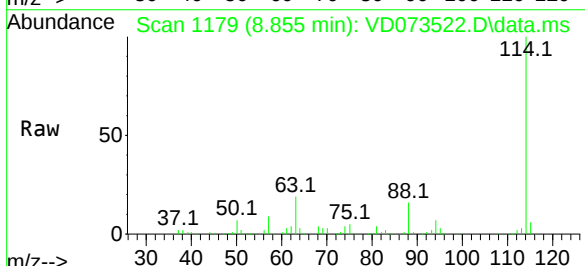
Tgt Ion: 114 Resp: 540678

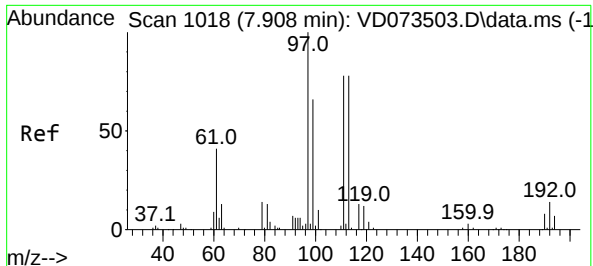
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 16.1 0.0 33.2

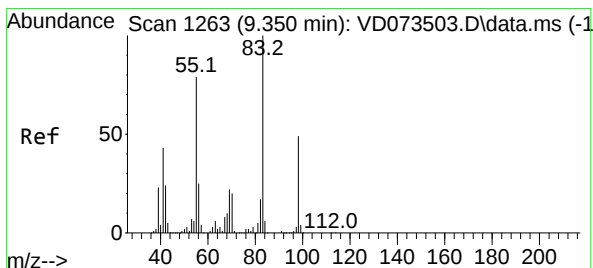
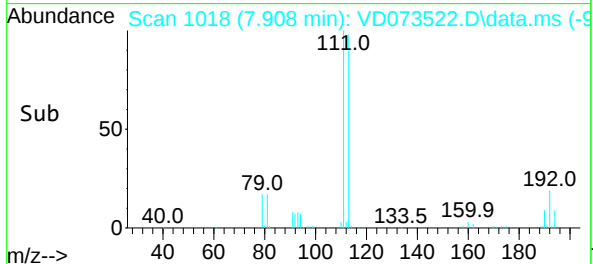
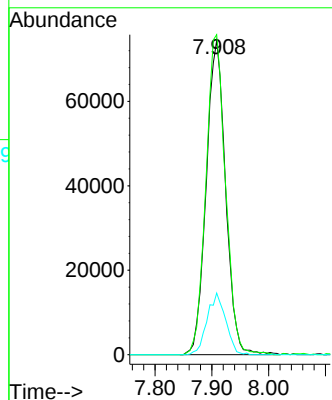
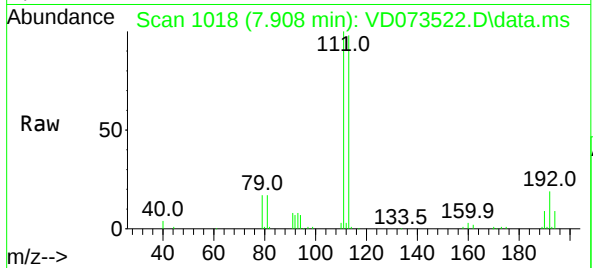




#35
Dibromofluoromethane
Concen: 50.611 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

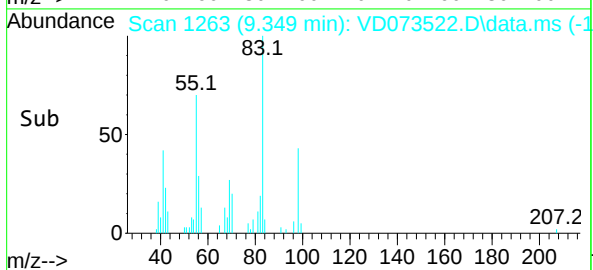
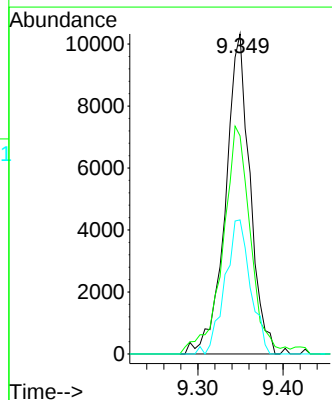
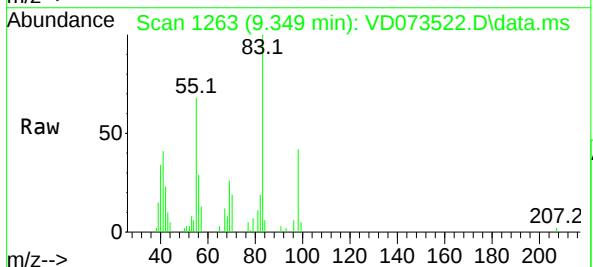
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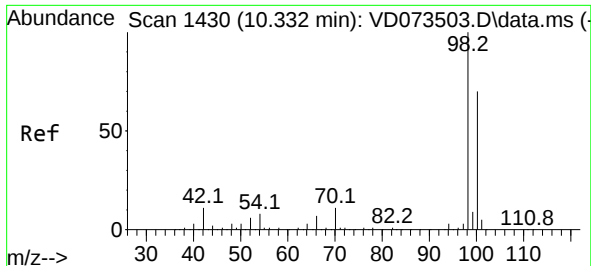
Tgt Ion:113 Resp: 175963
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.8 14.6 21.8



#39
Methylcyclohexane
Concen: 3.370 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.001 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

Tgt Ion: 83 Resp: 20508
Ion Ratio Lower Upper
83 100
55 68.2 63.2 94.8
98 41.9 38.2 57.4

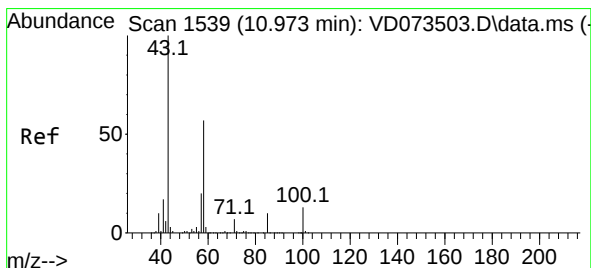
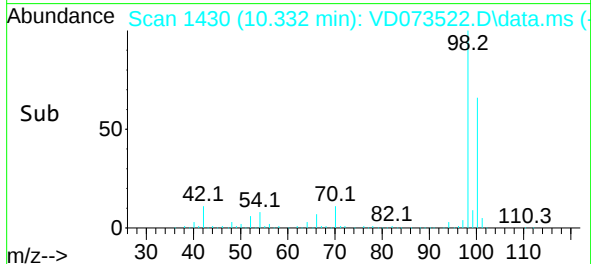
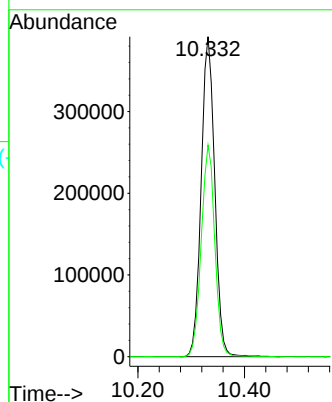
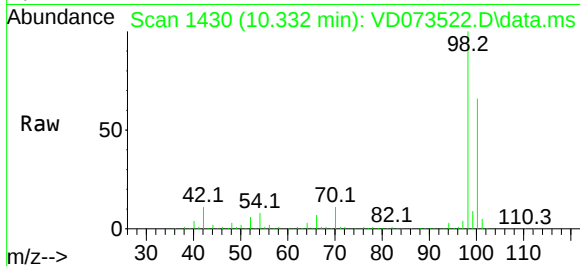




#50
Toluene-d8
Concen: 52.398 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

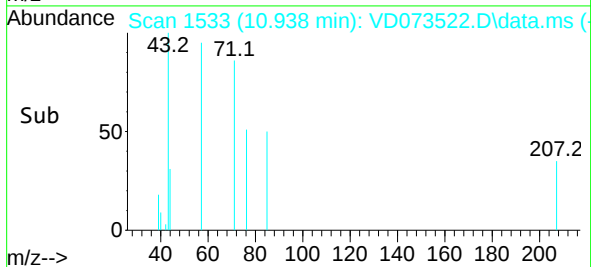
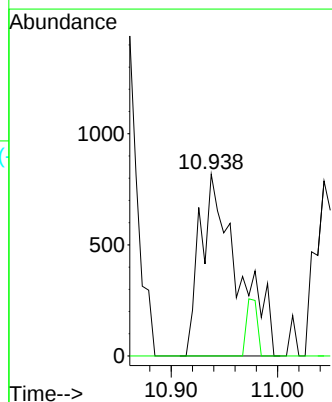
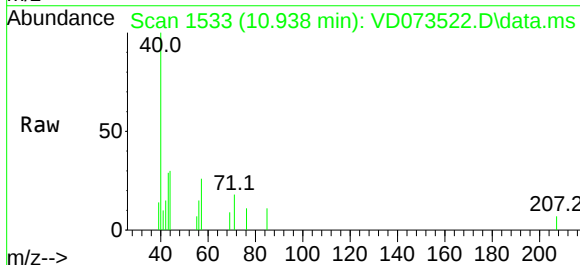
Instrument :
MSVOA_D
ClientSampleId :
VD0610SBL01

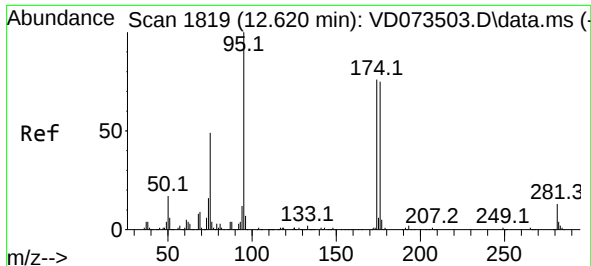
Tgt Ion: 98 Resp: 688784
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#59
2-Hexanone
Concen: 1.426 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.035 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

Tgt Ion: 43 Resp: 2006
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

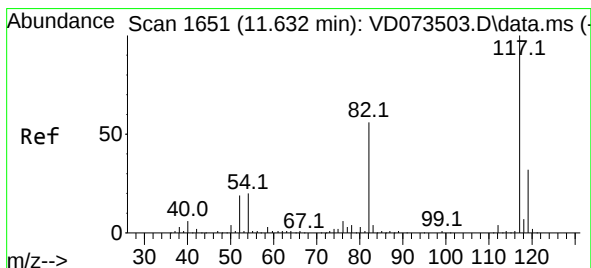
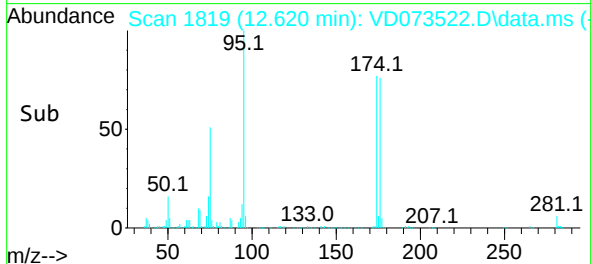
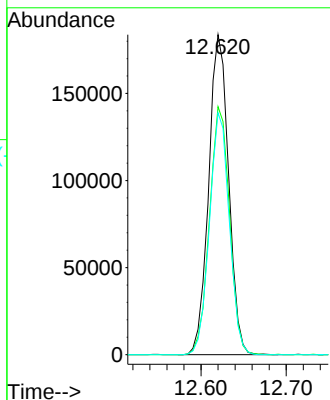
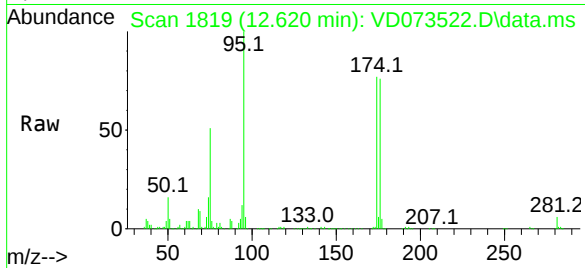




#62
4-Bromofluorobenzene
Concen: 62.509 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

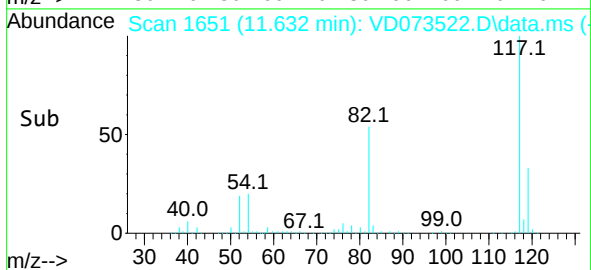
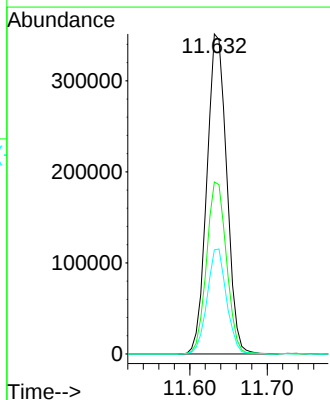
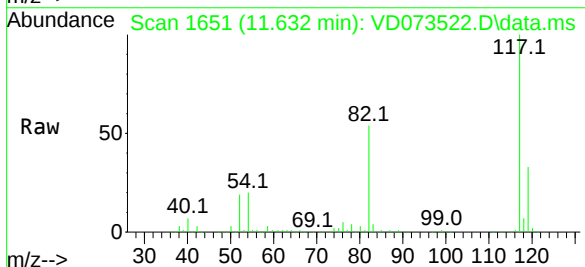
Instrument :
MSVOA_D
ClientSampleId :
VD0610SBL01

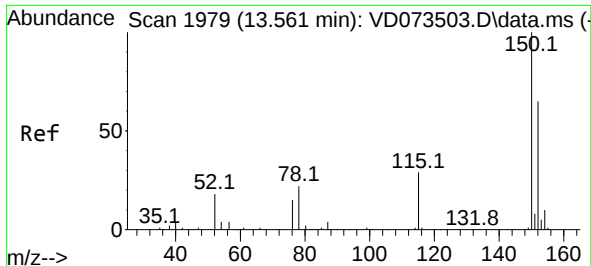
Tgt Ion: 95 Resp: 298296
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 75.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

Tgt Ion: 117 Resp: 625749
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 32.6 26.6 40.0

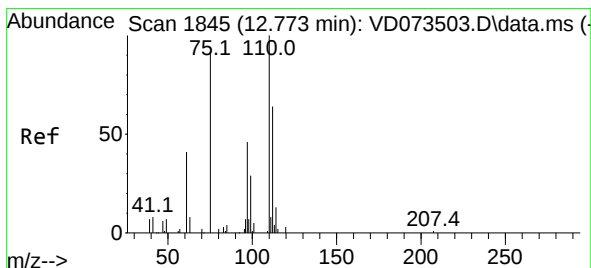
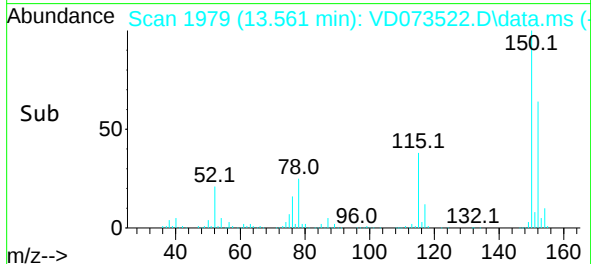
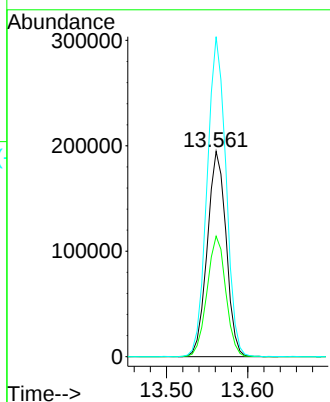
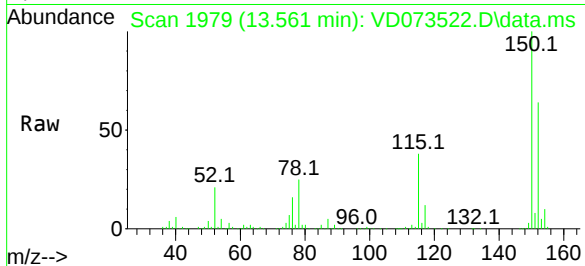




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD073522.D
 Acq: 10 Jun 2022 12:11

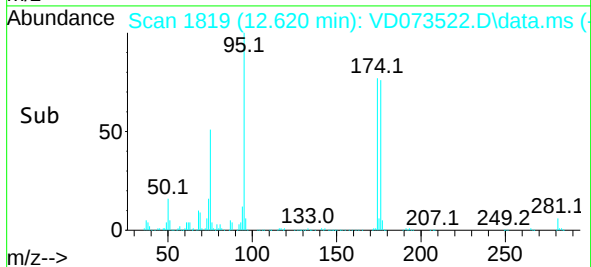
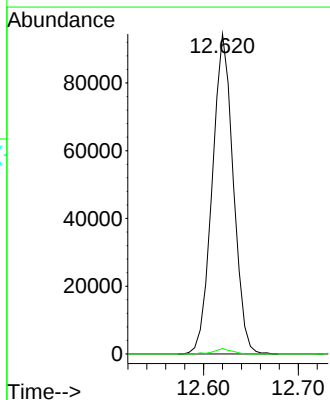
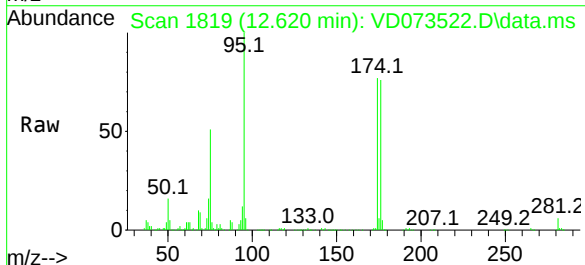
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0610SBL01

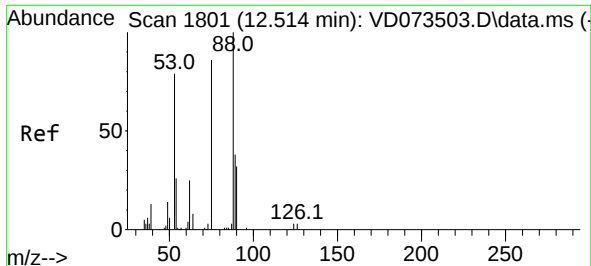
Tgt Ion:152 Resp: 313365
 Ion Ratio Lower Upper
 152 100
 115 58.5 31.3 93.8
 150 156.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 47.847 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073522.D
 Acq: 10 Jun 2022 12:11

Tgt Ion: 75 Resp: 145657
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

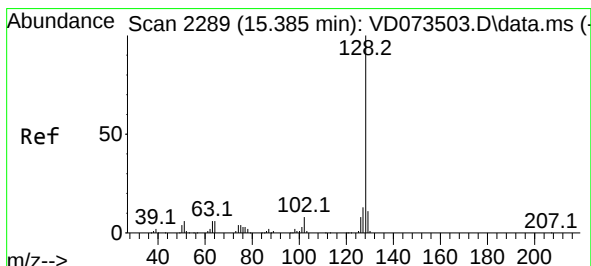
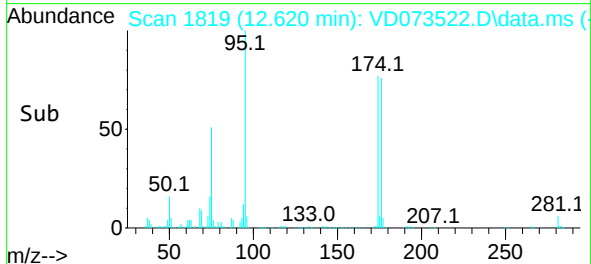
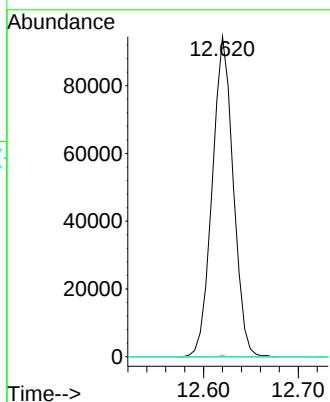
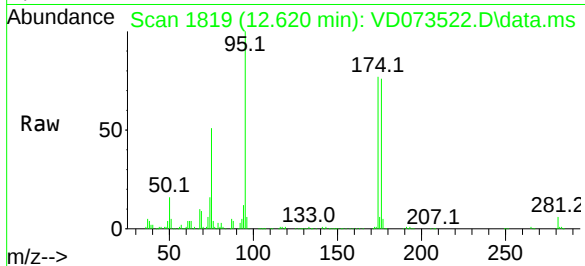




#81
trans-1,4-Dichloro-2-butene
Concen: 112.305 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD0610SBL01

Tgt Ion: 75 Resp: 145657
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 4.308 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

Tgt Ion: 128 Resp: 1283
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 5.0 8.4 12.6#

