

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052521\
 Data File : VD069271.D
 Acq On : 25 May 2021 13:57
 Operator : VA/SY
 Sample : M2502-01
 Misc : 5.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SA-01-052421

Quant Time: May 26 01:05:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

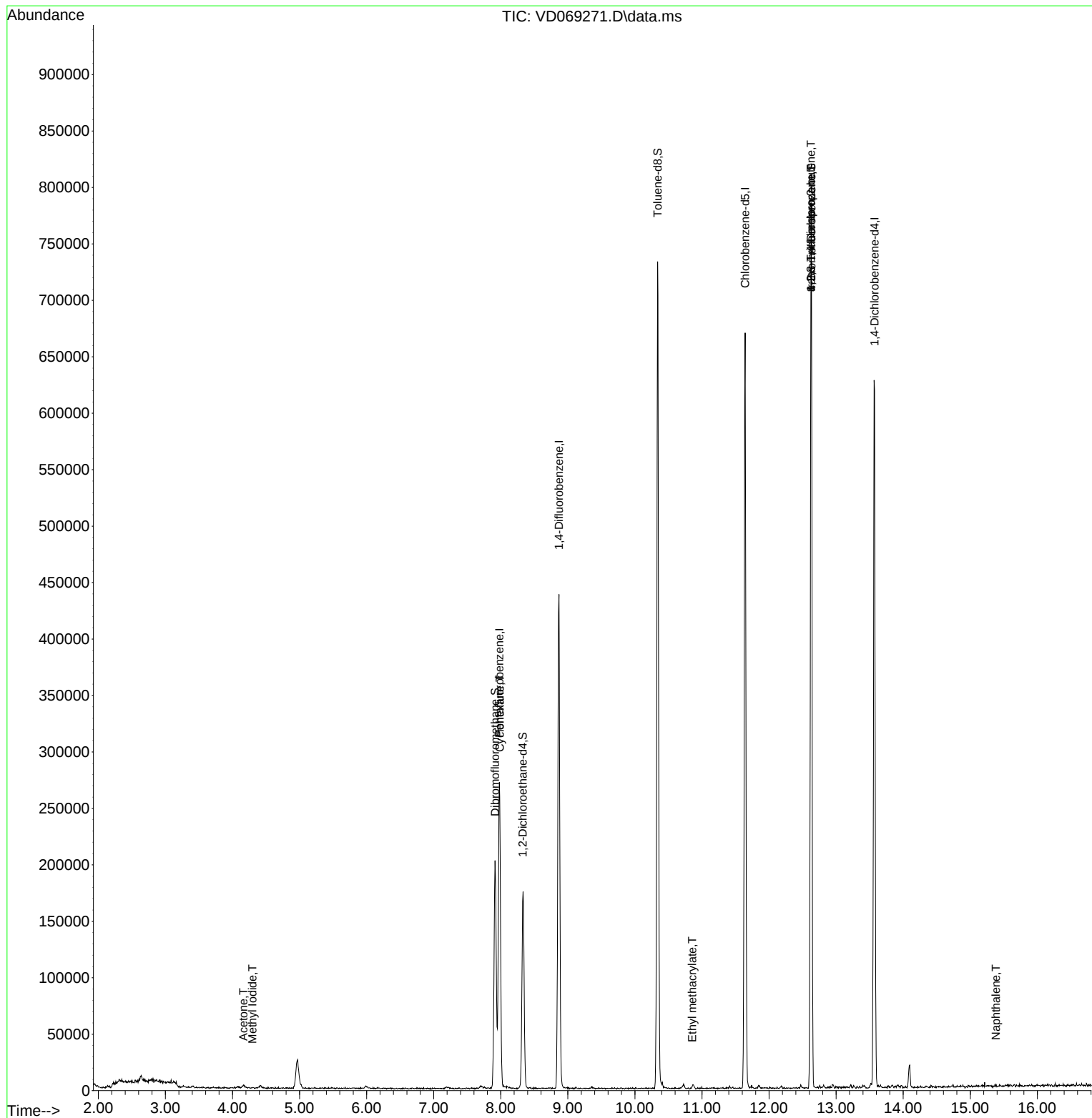
Internal Standards						
1) Pentafluorobenzene	7.979	168	193066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	383493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	383518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	168509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	137088	70.83	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.66%			
35) Dibromofluoromethane	7.914	113	142345	57.04	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.08%			
50) Toluene-d8	10.338	98	499798	54.50	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.00%			
62) 4-Bromofluorobenzene	12.632	95	164923	55.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.78%			
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	188	1.01	ug/l #	57
11) Tert butyl alcohol	5.214	59	545	Below Cal	#	73
16) Acetone	4.161	43	3999	13.49	ug/l #	77
20) Methylene Chloride	4.967	84	20570	Below Cal		94
31) Cyclohexane	7.985	56	4989	1.74	ug/l #	48
56) Ethyl methacrylate	10.855	69	172	1.39	ug/l #	26
76) 1,2,3-Trichloropropane	12.626	75	88308	69.72	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	88308	140.82	ug/l #	14
95) Naphthalene	15.384	128	604	2.15	ug/l #	69

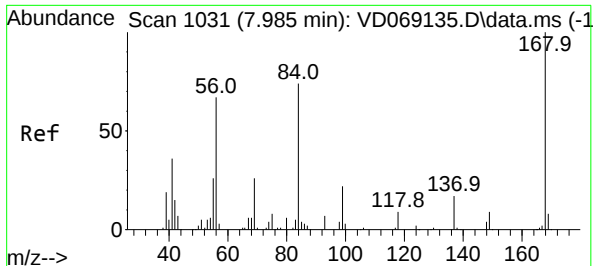
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SA-01-052421

Quant Time: May 26 01:05:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

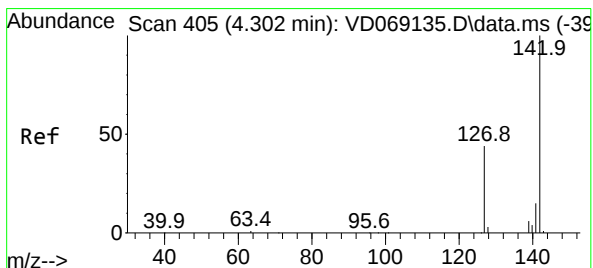
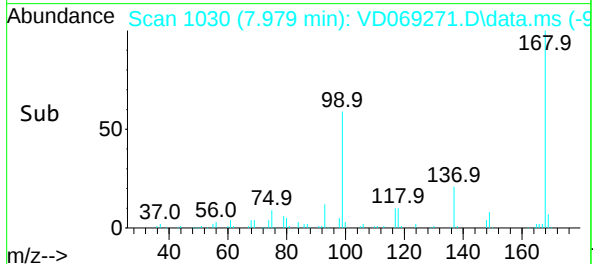
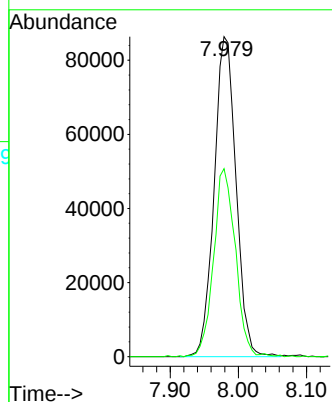
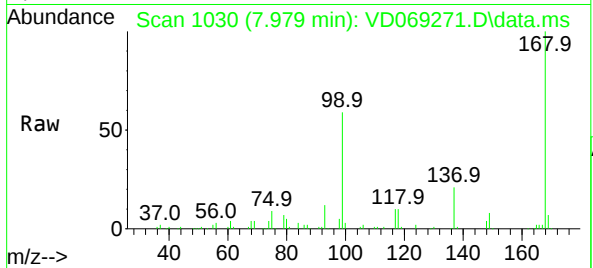




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

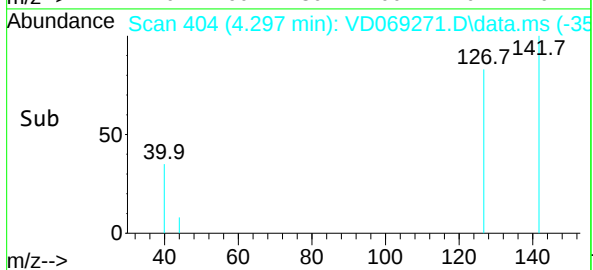
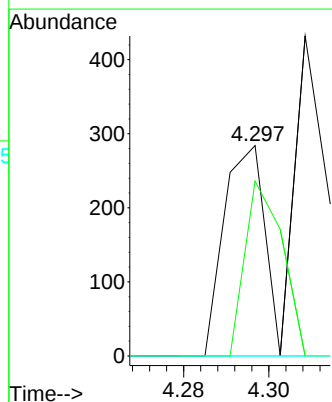
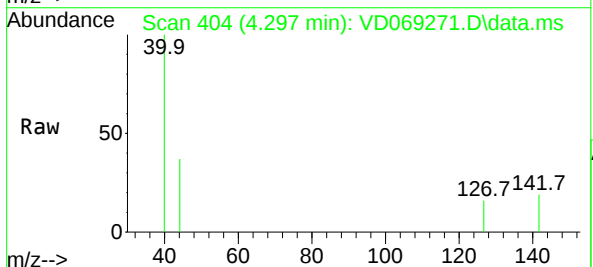
Instrument :
MSVOA_D
ClientSampleId :
SA-01-052421

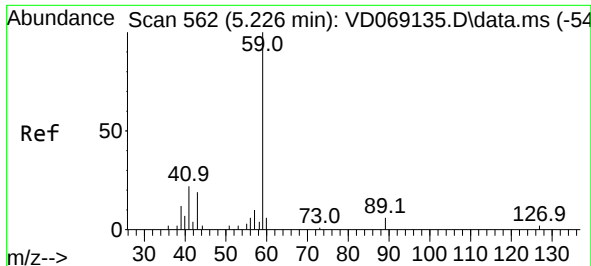
Tgt Ion:168 Resp: 193066
Ion Ratio Lower Upper
168 100
99 58.5 47.2 70.8



#10
Methyl Iodide
Concen: 1.01 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.005 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

Tgt Ion:142 Resp: 188
Ion Ratio Lower Upper
142 100
127 76.6 37.3 55.9#
141 0.0 12.2 18.4#

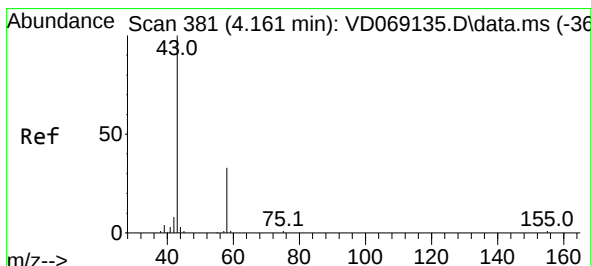
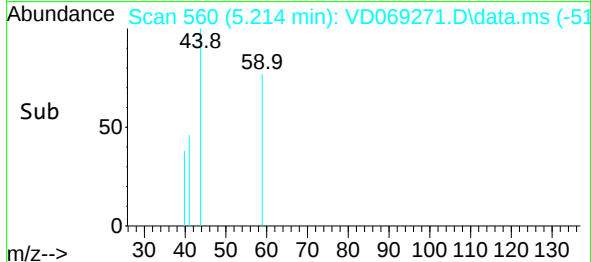
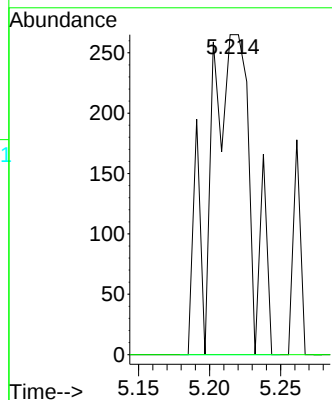
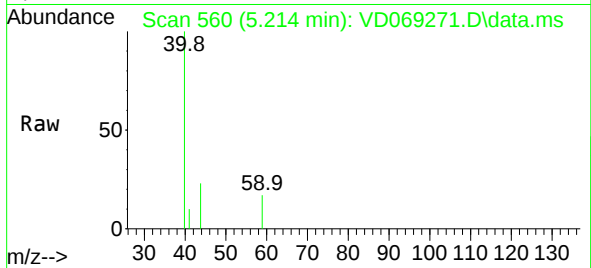




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

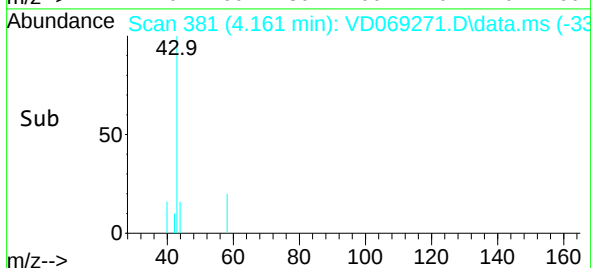
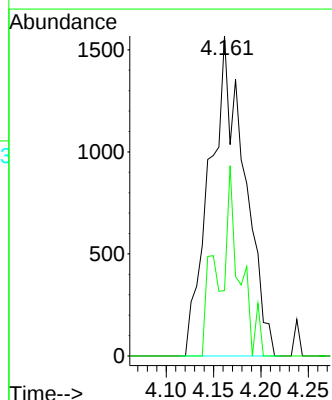
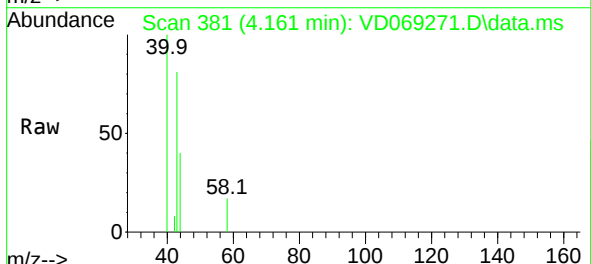
Instrument :
MSVOA_D
ClientSampleId :
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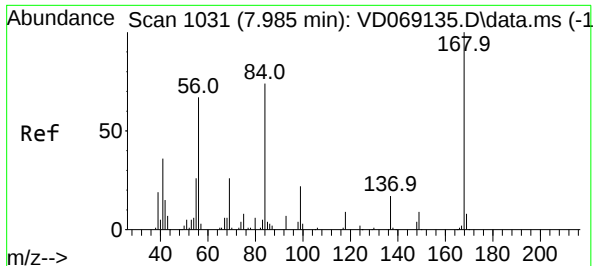
Tgt Ion: 59 Resp: 545
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 13.49 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

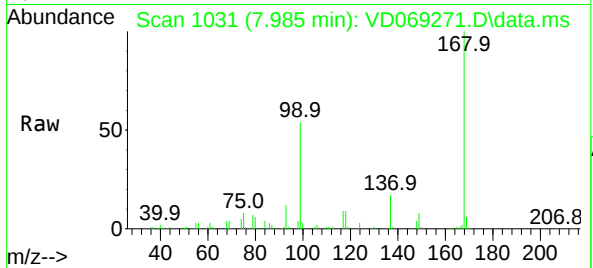
Tgt Ion: 43 Resp: 3999
Ion Ratio Lower Upper
43 100
58 20.5 26.7 40.1#



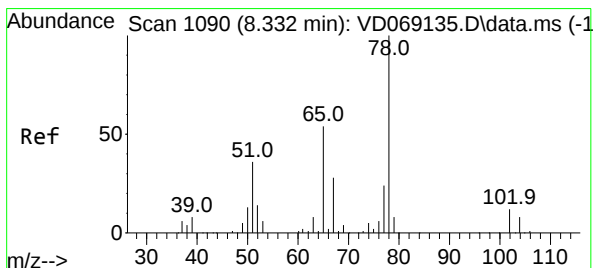
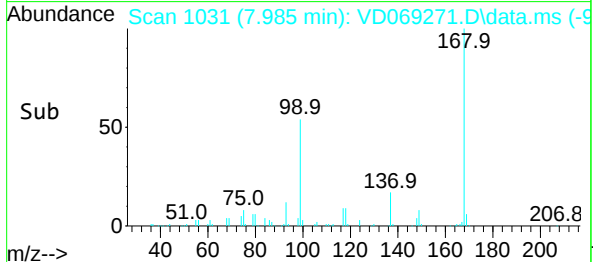
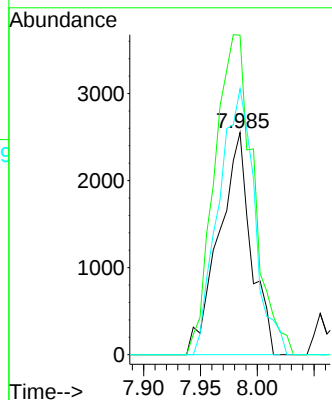


#31
Cyclohexane
Concen: 1.74 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
SA-01-052421

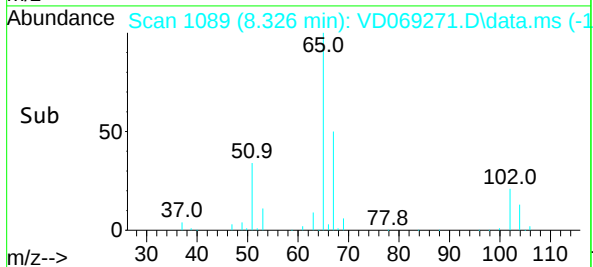
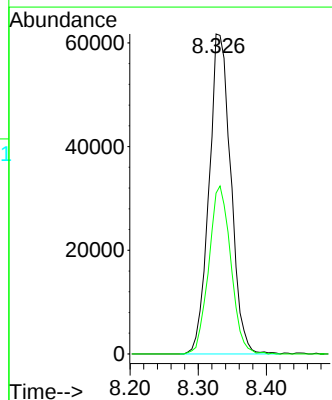
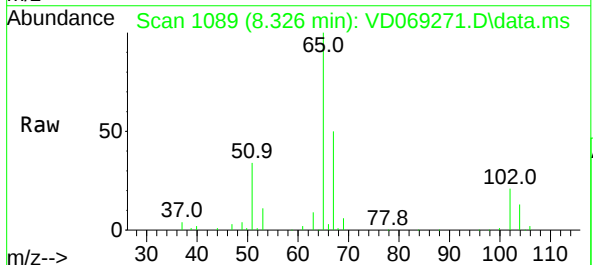


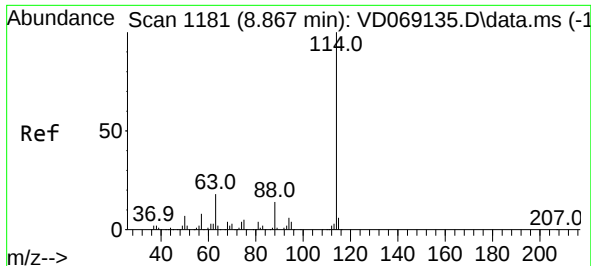
Tgt Ion: 56 Resp: 4989
Ion Ratio Lower Upper
56 100
69 143.9 30.6 46.0#
84 119.8 88.0 132.0



#33
1,2-Dichloroethane-d4
Concen: 70.83 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

Tgt Ion: 65 Resp: 137088
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069271.D

Acq: 25 May 2021 13:57

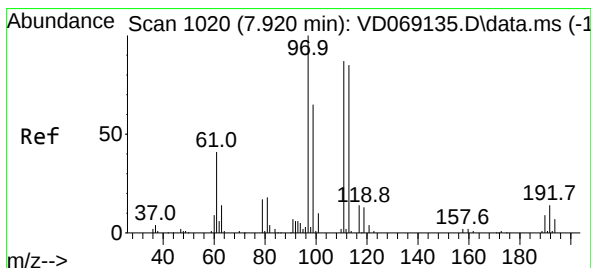
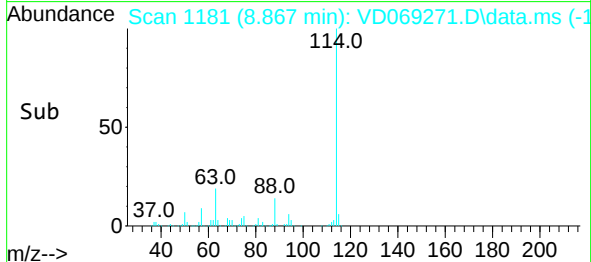
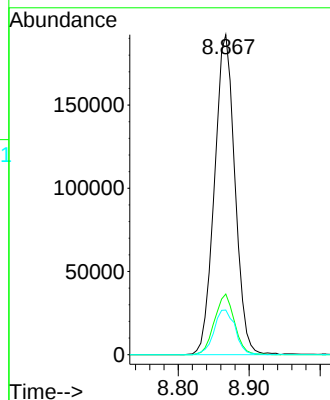
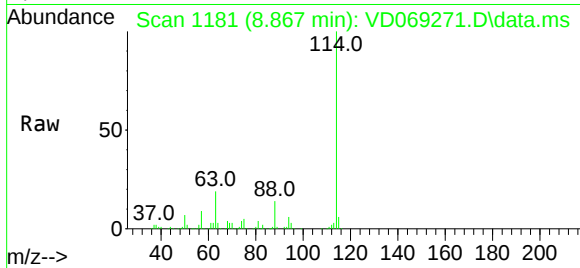
Tgt Ion:114 Resp: 383493

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 57.04 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069271.D

Acq: 25 May 2021 13:57

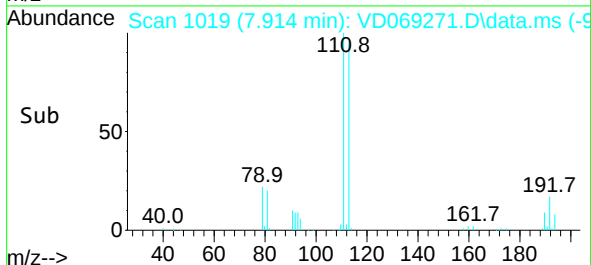
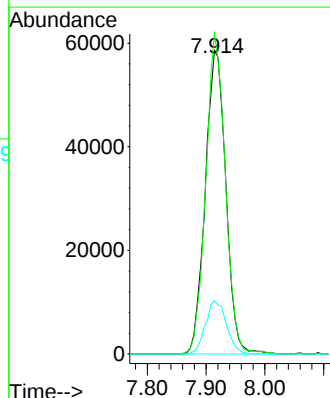
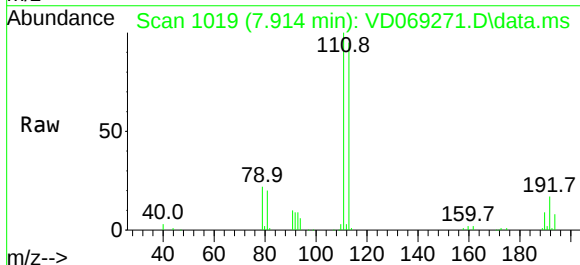
Tgt Ion:113 Resp: 142345

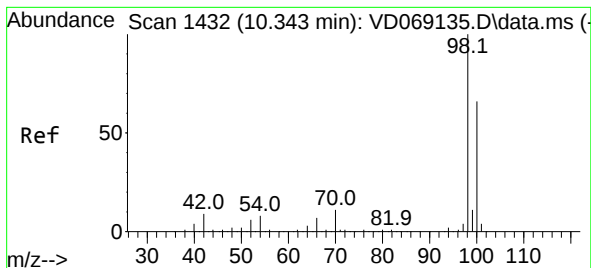
Ion Ratio Lower Upper

113 100

111 100.7 80.6 120.8

192 17.9 14.8 22.2

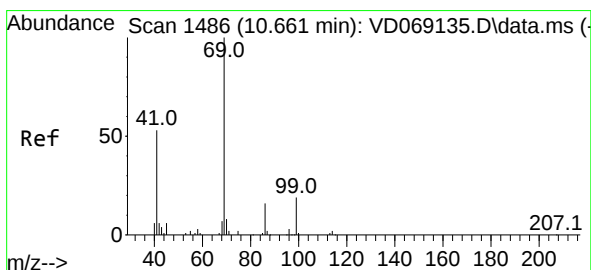
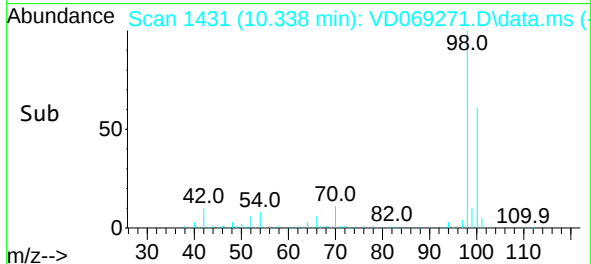
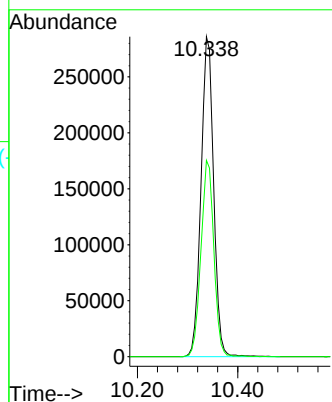
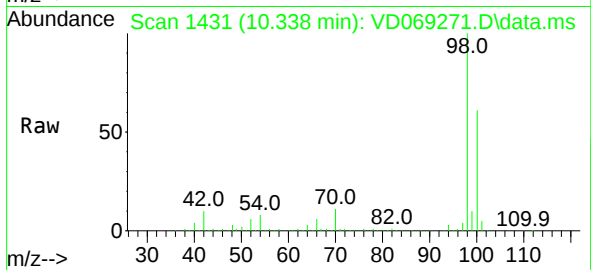




#50
Toluene-d8
Concen: 54.50 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

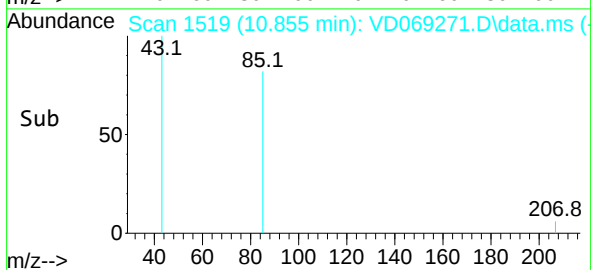
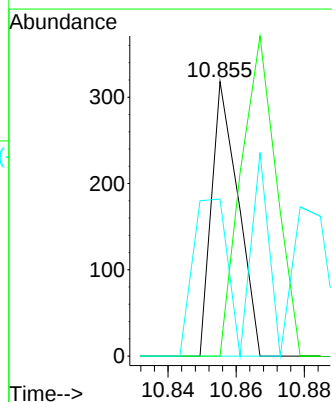
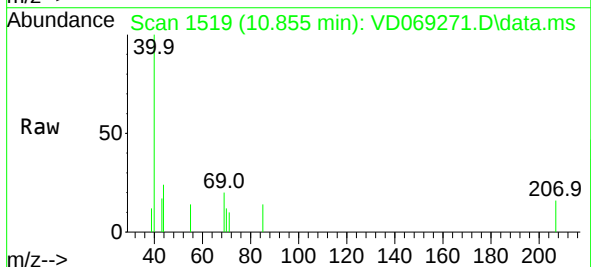
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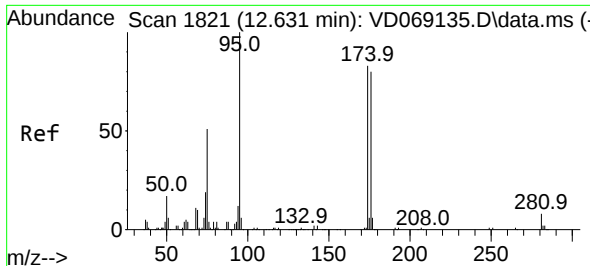
Tgt Ion: 98 Resp: 499798
Ion Ratio Lower Upper
98 100
100 62.8 51.8 77.8



#56
Ethyl methacrylate
Concen: 1.39 ug/l
RT: 10.855 min Scan# 1519
Delta R.T. 0.194 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

Tgt Ion: 69 Resp: 172
Ion Ratio Lower Upper
69 100
41 0.0 42.2 63.2#
39 74.4 26.3 39.5#

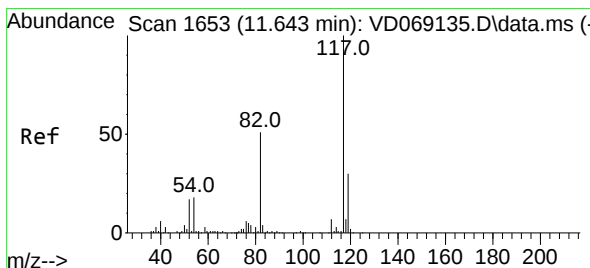
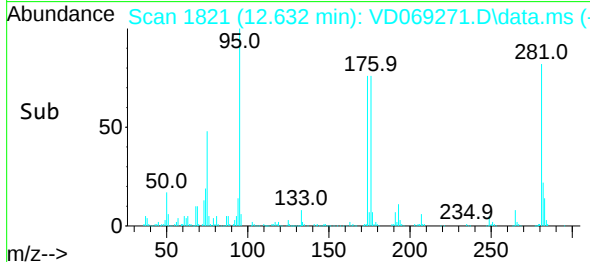
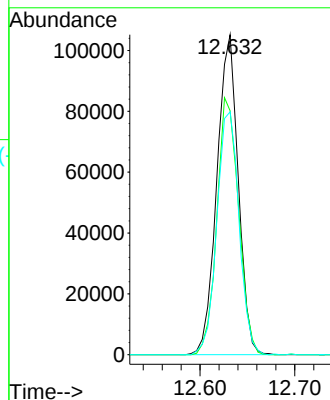
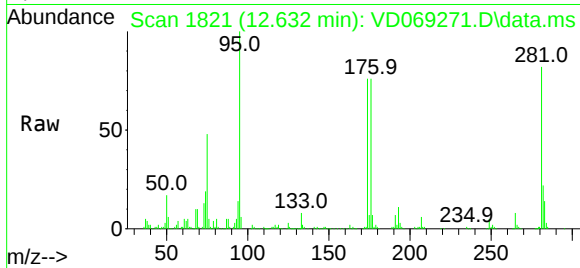




#62
4-Bromofluorobenzene
Concen: 55.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

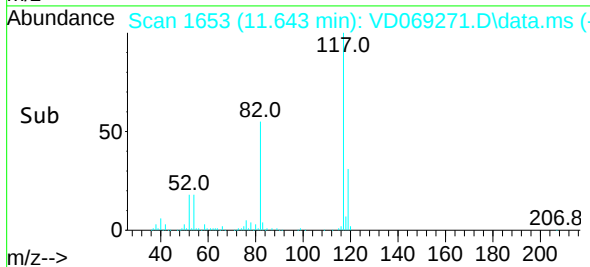
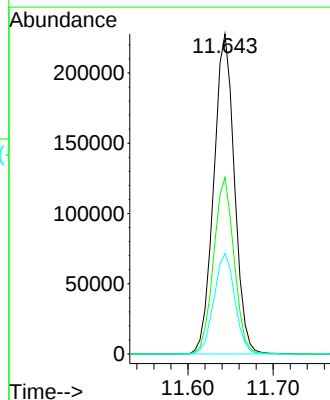
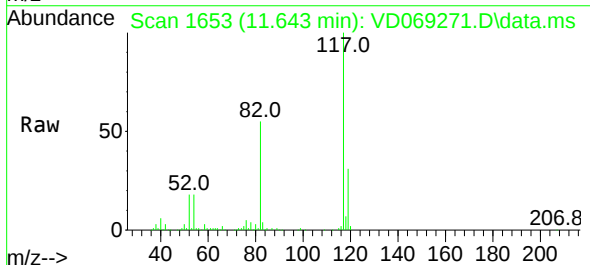
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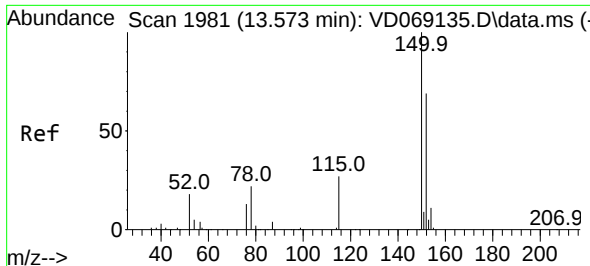
Tgt Ion:	95	Resp:	164923
Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	171.8
176	78.8	0.0	165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

Tgt Ion:	117	Resp:	383518
Ion	Ratio	Lower	Upper
117	100		
82	55.2	40.5	60.7
119	31.4	24.2	36.4

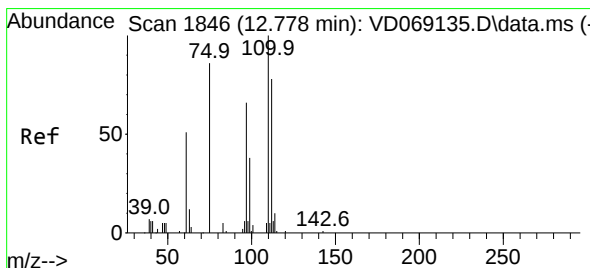
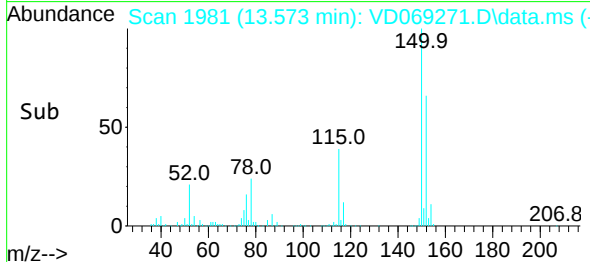
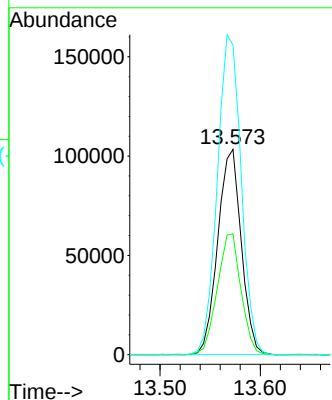
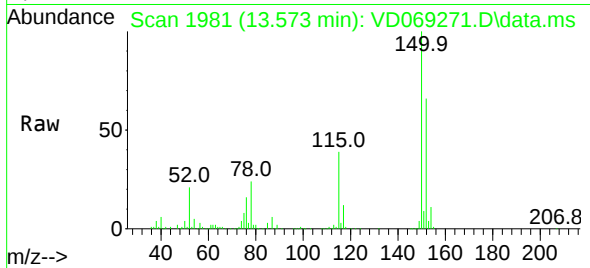




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD069271.D
 Acq: 25 May 2021 13:57

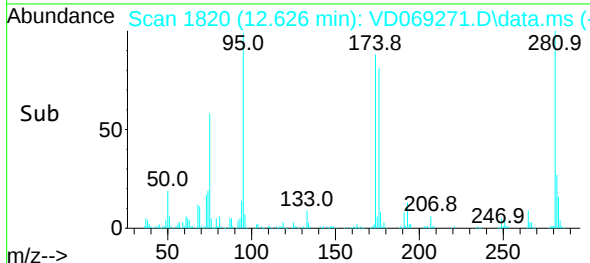
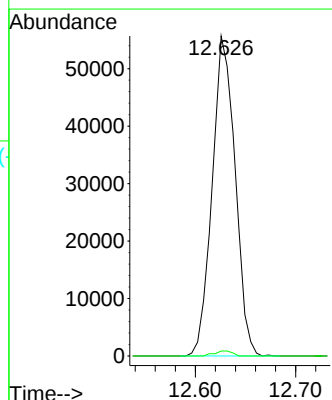
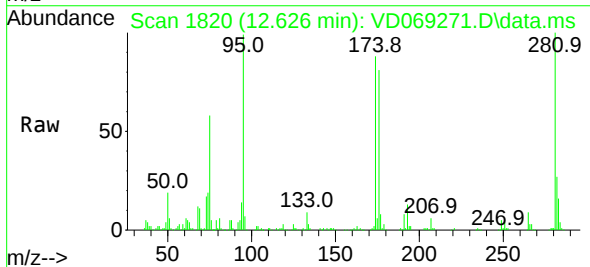
Instrument :
 MSVOA_D
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 SA-01-052421

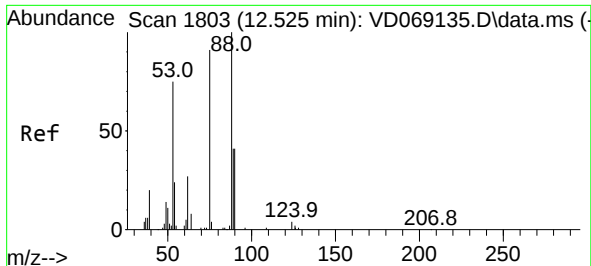
Tgt Ion:152 Resp: 168509
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.9 89.8
 150 157.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 69.72 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.153 min
 Lab File: VD069271.D
 Acq: 25 May 2021 13:57

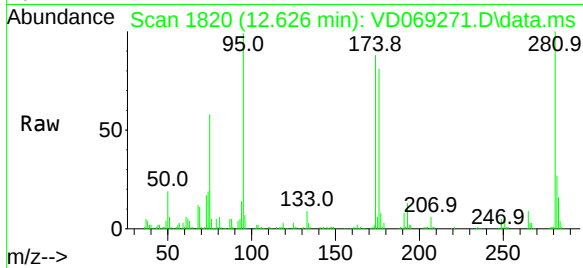
Tgt Ion: 75 Resp: 88308
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



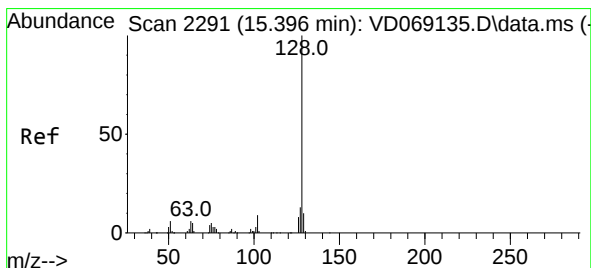
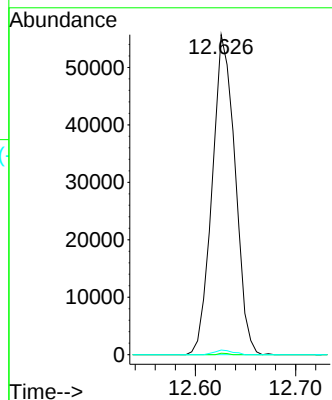
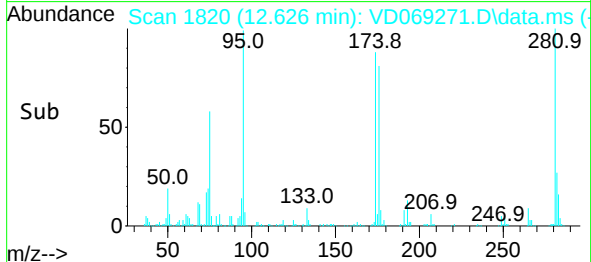


#81
trans-1,4-Dichloro-2-butene
Concen: 140.82 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

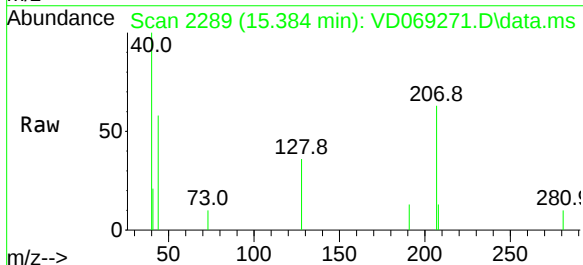
Instrument :
MSVOA_D
ClientSampleId :
SA-01-052421



Tgt Ion: 75 Resp: 88308
Ion Ratio Lower Upper
75 100
53 0.2 70.0 105.0#
89 1.2 40.2 60.2#



#95
Naphthalene
Concen: 2.15 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.012 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57



Tgt Ion: 128 Resp: 604
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

