

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069184.D
 Acq On : 14 May 2021 18:44
 Operator : VA/SY
 Sample : M2372-03RE
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-27051

Quant Time: May 15 02:36:57 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)

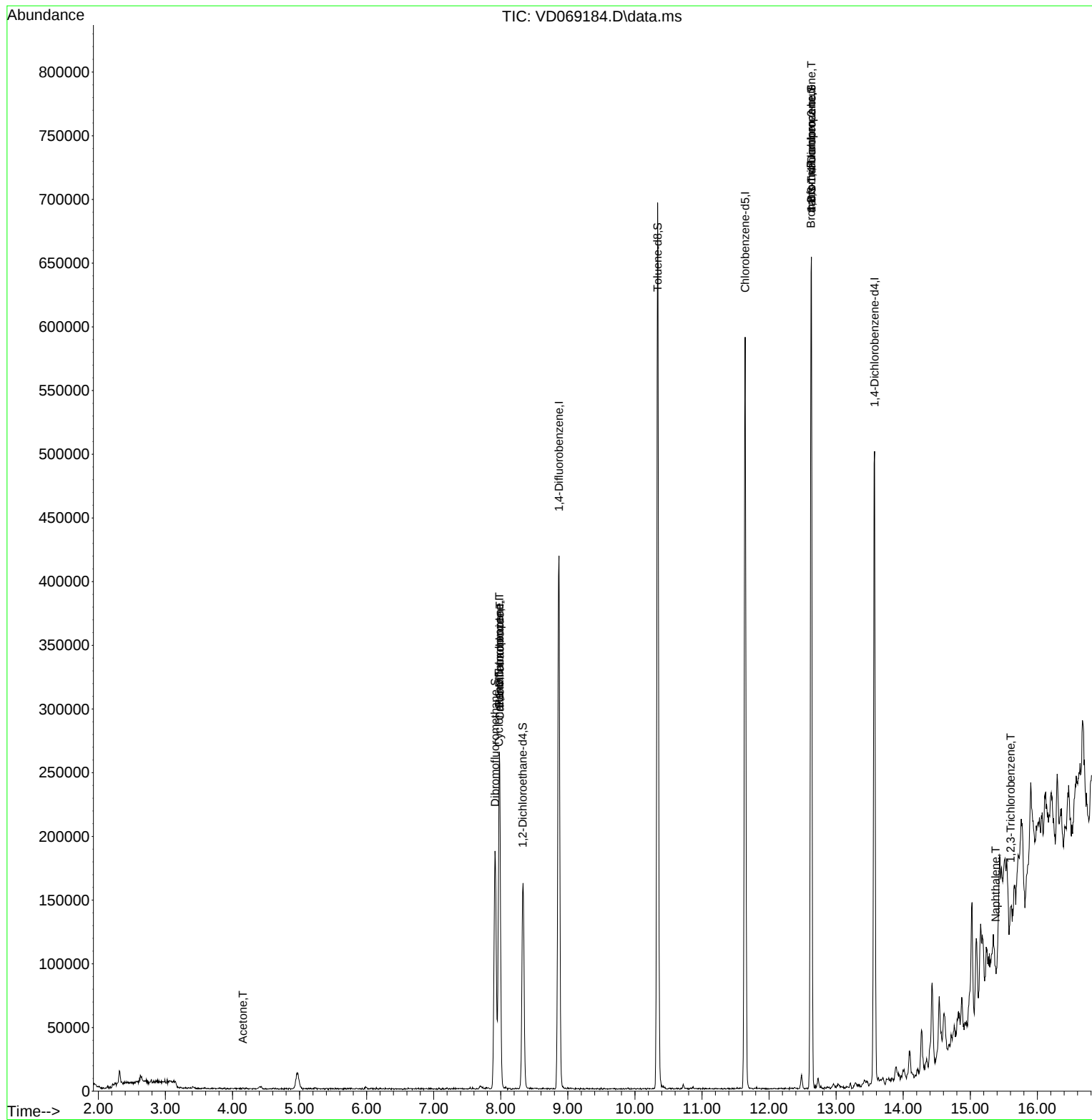
Internal Standards						
1) Pentafluorobenzene	7.979	168	189956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	371945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	341350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	132825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	130755	68.66	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.32%			
35) Dibromofluoromethane	7.914	113	134254	55.47	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.94%			
50) Toluene-d8	10.338	98	468757	52.71	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.42%			
62) 4-Bromofluorobenzene	12.632	95	140491	49.09	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.18%			
Target Compounds						
11) Tert butyl alcohol	5.232	59	383	Below Cal	#	73
16) Acetone	4.156	43	513	1.76	ug/l #	41
20) Methylene Chloride	4.973	84	10649	Below Cal	#	97
31) Cyclohexane	7.973	56	4448	1.58	ug/l #	27
36) 1,1-Dichloropropene	7.979	75	16489	4.56	ug/l #	47
38) Carbon Tetrachloride	7.985	117	19182	4.75	ug/l #	18
71) Bromoform	12.626	173	1616	1.16	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	73977	74.09	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	73977	149.66	ug/l #	14
95) Naphthalene	15.379	128	222	2.09	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.602	180	2025	1.01	ug/l #	20

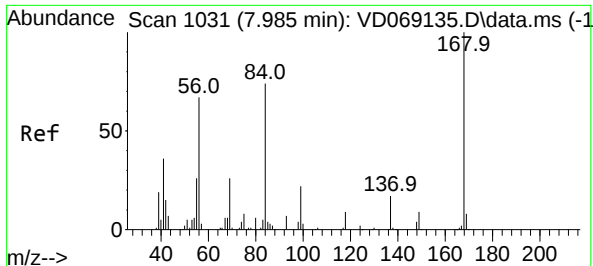
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

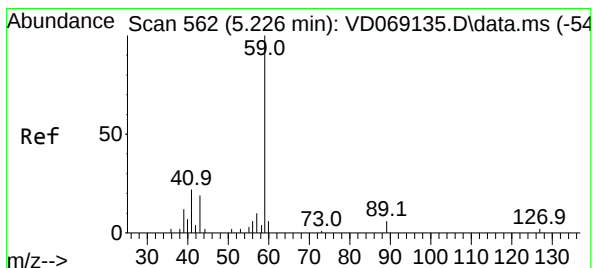
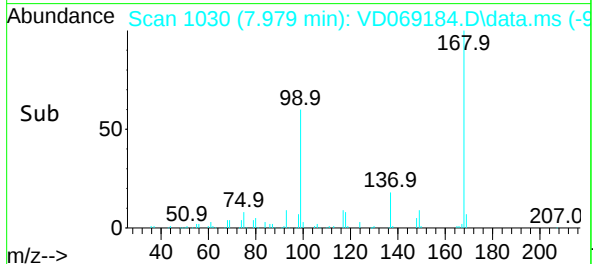
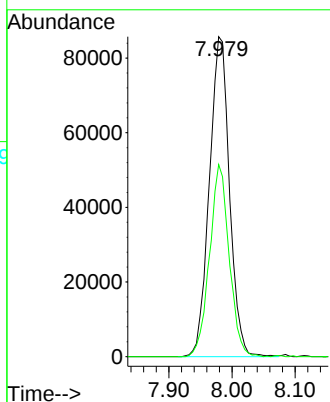
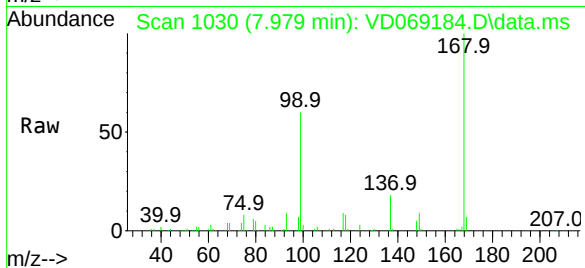




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

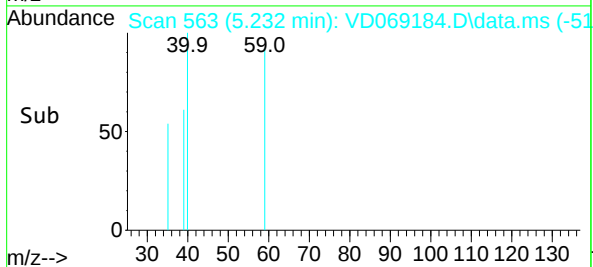
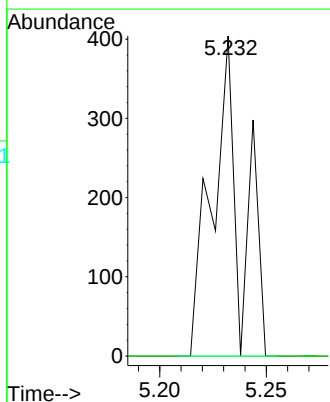
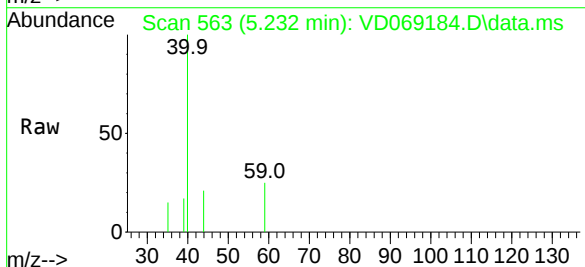
Instrument :
MSVOA_D
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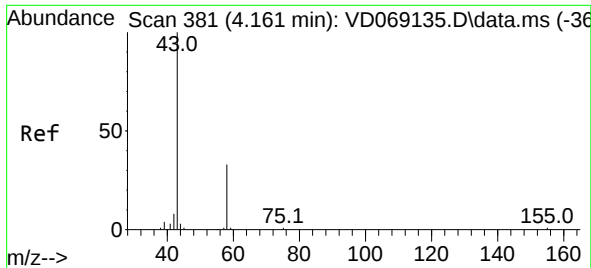
Tgt Ion:168 Resp: 189956
Ion Ratio Lower Upper
168 100
99 60.1 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

Tgt Ion: 59 Resp: 383
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

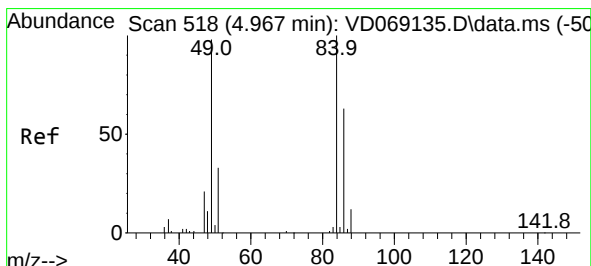
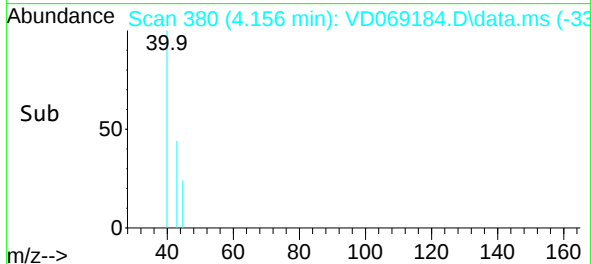
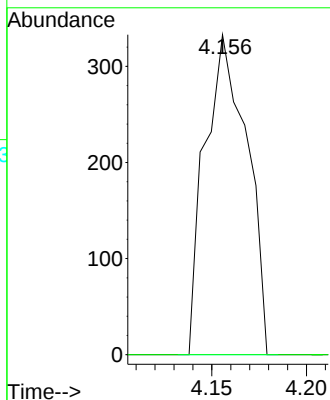
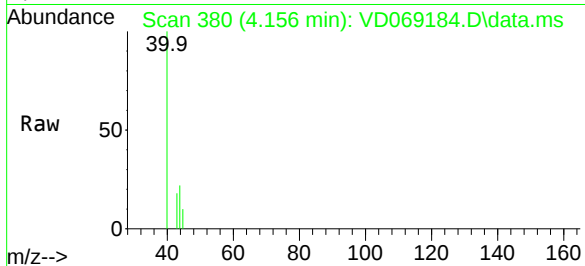




#16
Acetone
Concen: 1.76 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

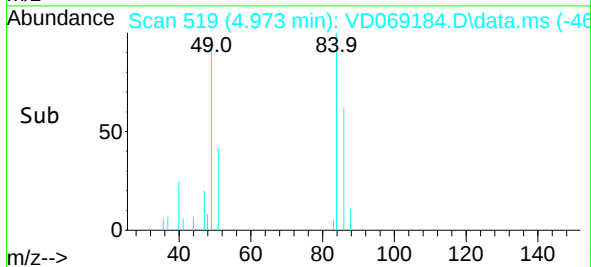
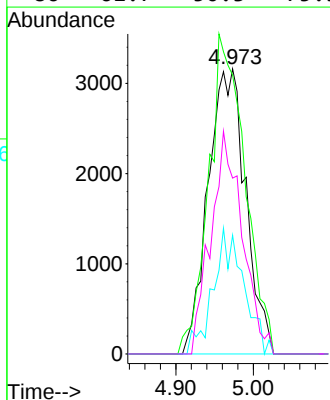
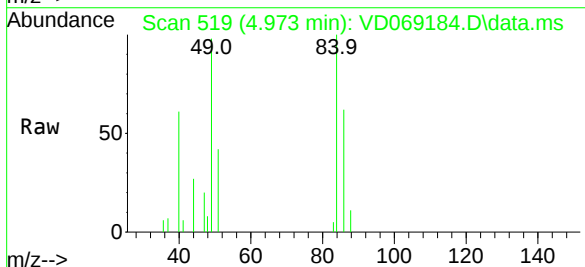
Instrument :
MSVOA_D
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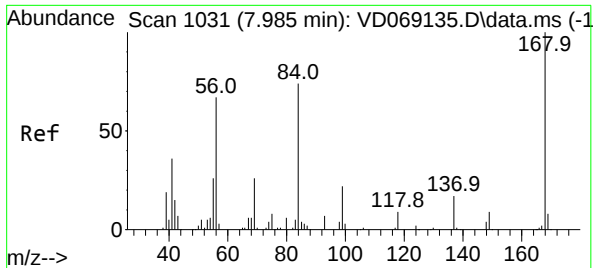
Tgt Ion: 43 Resp: 513
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

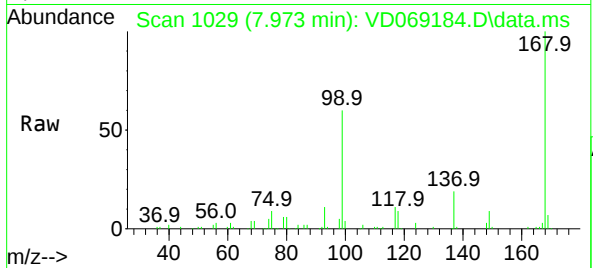
Tgt Ion: 84 Resp: 10649
Ion Ratio Lower Upper
84 100
49 97.8 78.6 117.8
51 41.7 26.7 40.1#
86 61.7 50.3 75.5



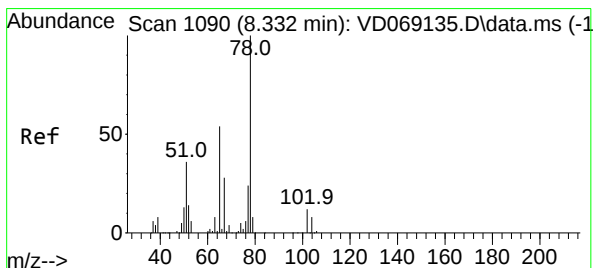
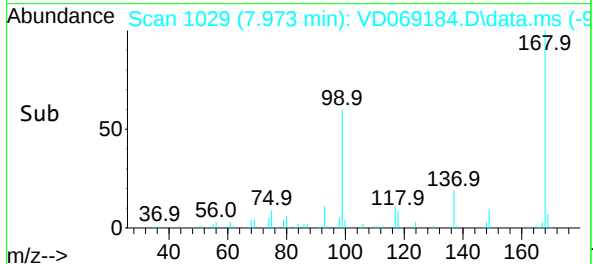
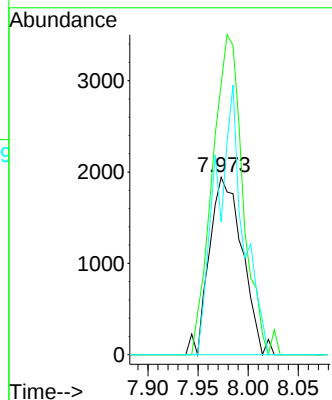


#31
Cyclohexane
Concen: 1.58 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.011 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051

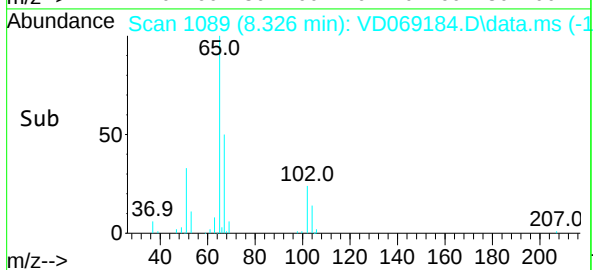
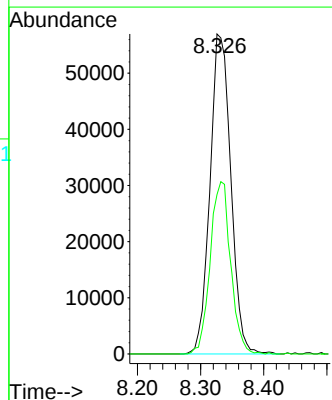
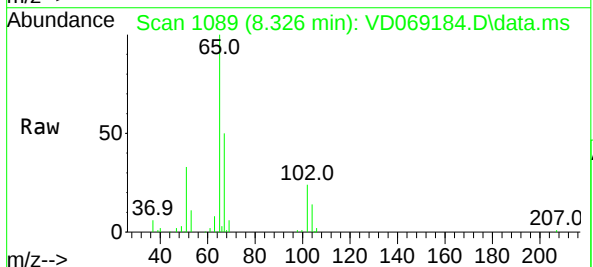


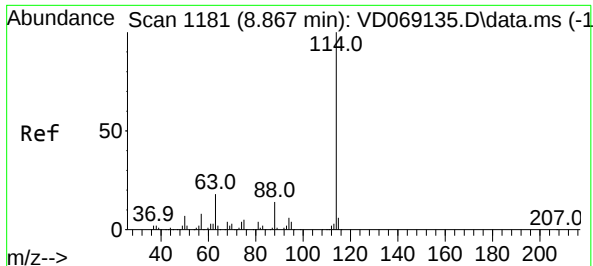
Tgt Ion: 56 Resp: 4448
Ion Ratio Lower Upper
56 100
69 152.5 30.6 46.0#
84 74.8 88.0 132.0#



#33
1,2-Dichloroethane-d4
Concen: 68.66 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

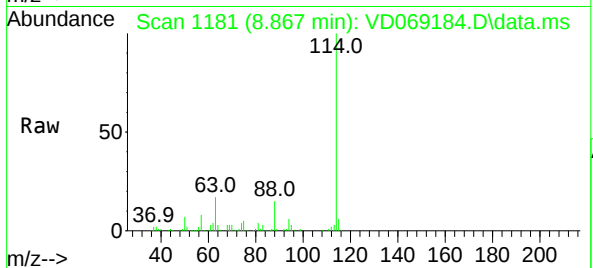
Tgt Ion: 65 Resp: 130755
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.0



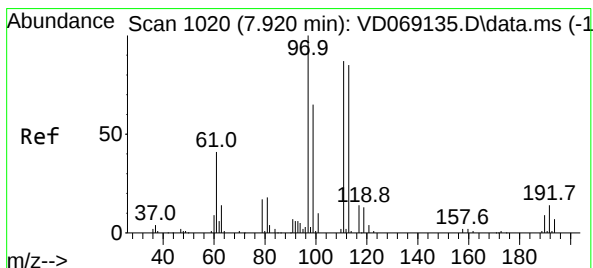
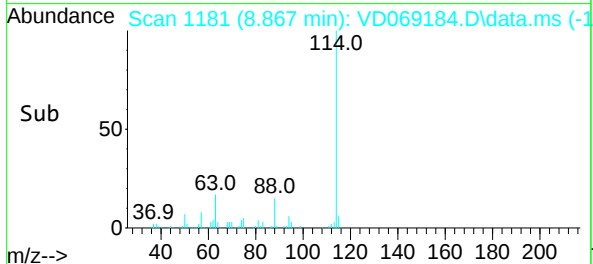
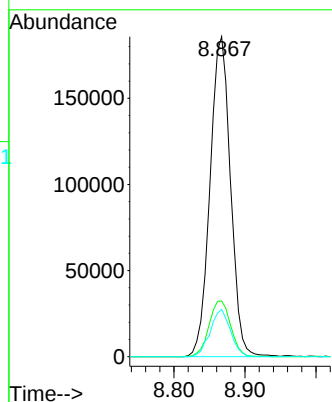


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

Instrument :
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ClientSampleId :
CHRT-27051

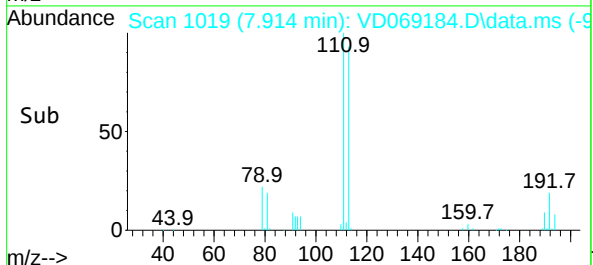
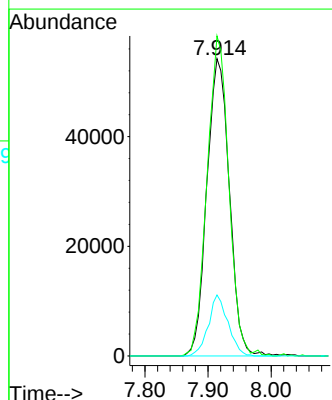
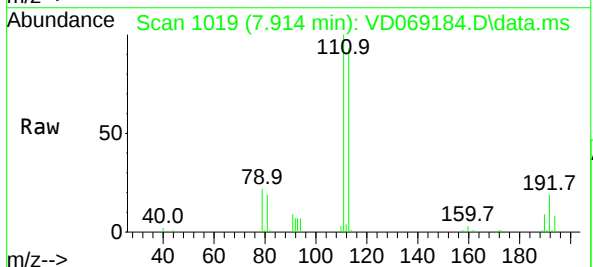


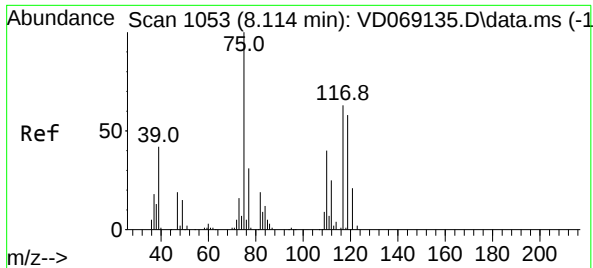
Tgt Ion:114 Resp: 371945
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.4
88 14.8 0.0 28.2



#35
Dibromofluoromethane
Concen: 55.47 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

Tgt Ion:113 Resp: 134254
Ion Ratio Lower Upper
113 100
111 103.8 80.6 120.8
192 17.9 14.8 22.2

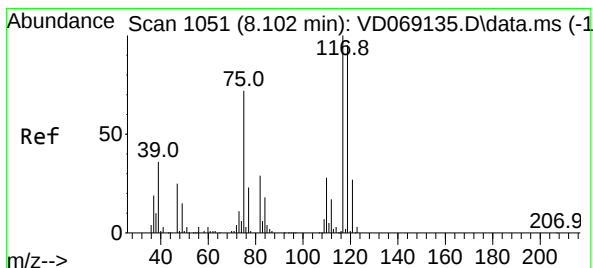
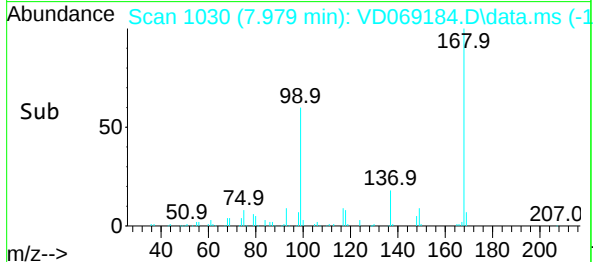
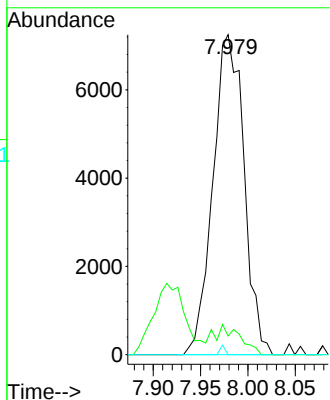
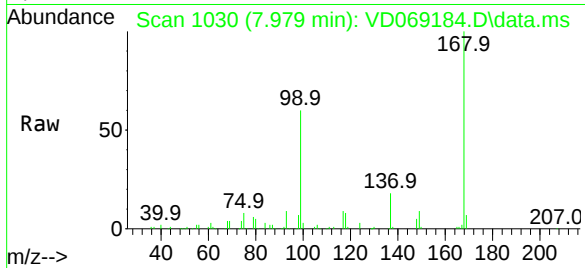




#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

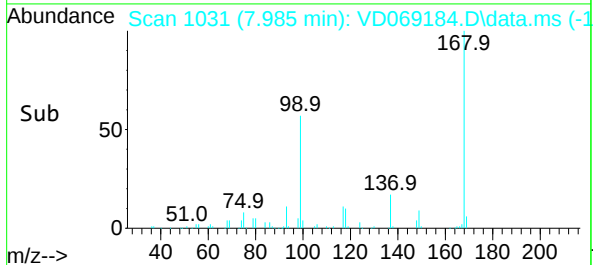
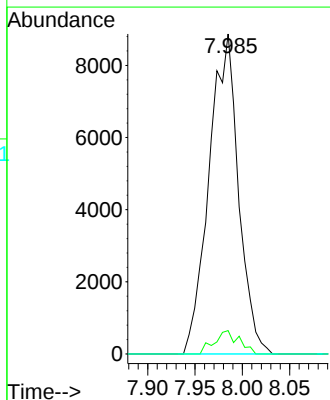
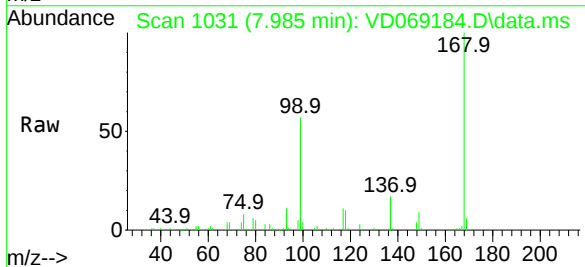
Instrument :
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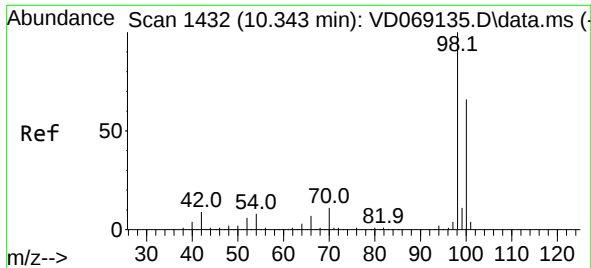
Tgt Ion: 75 Resp: 16489
Ion Ratio Lower Upper
75 100
110 7.8 18.8 56.4#
77 0.5 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 4.75 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

Tgt Ion: 117 Resp: 19182
Ion Ratio Lower Upper
117 100
119 7.3 76.2 114.2#
121 0.0 21.9 32.9#

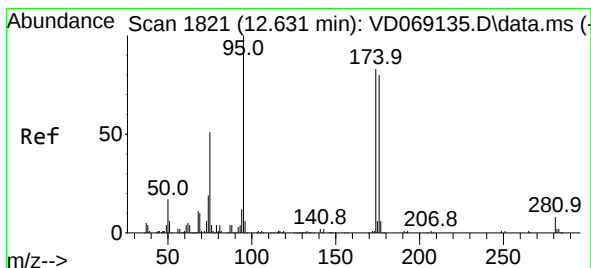
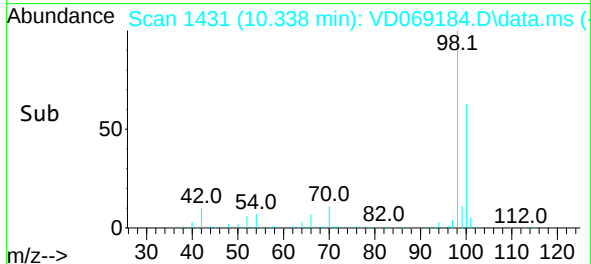
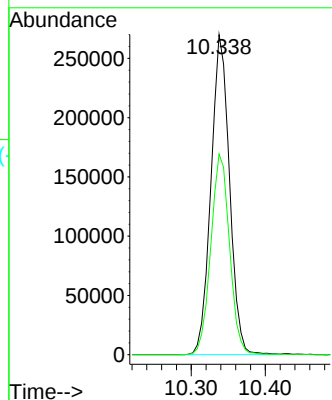
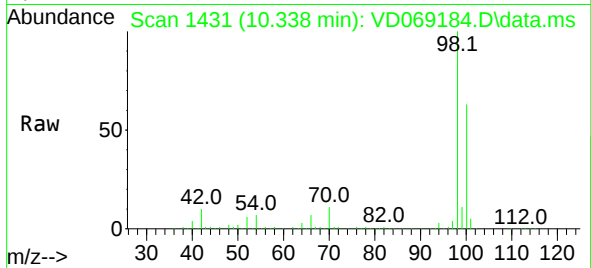




#50
Toluene-d8
Concen: 52.71 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

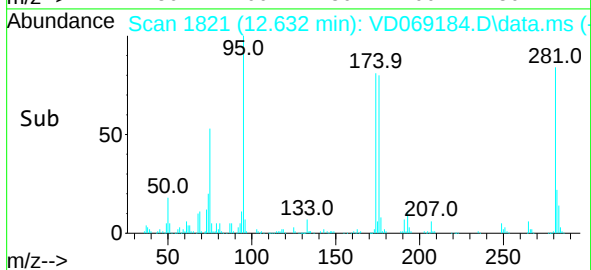
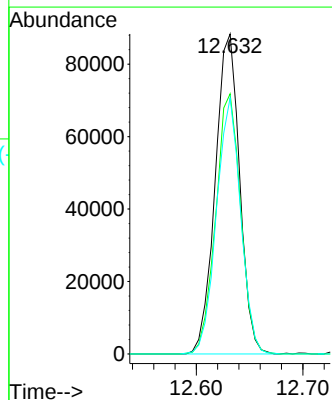
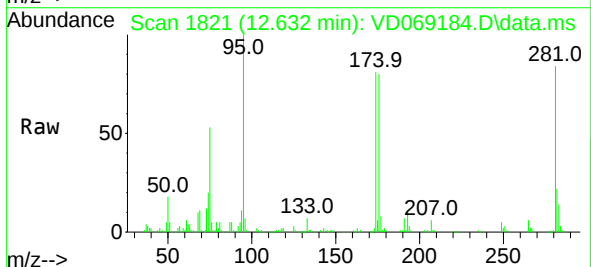
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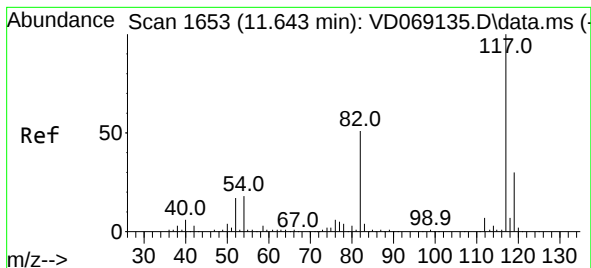
Tgt Ion: 98 Resp: 468757
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 49.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

Tgt Ion: 95 Resp: 140491
Ion Ratio Lower Upper
95 100
174 83.0 0.0 171.8
176 79.2 0.0 165.4

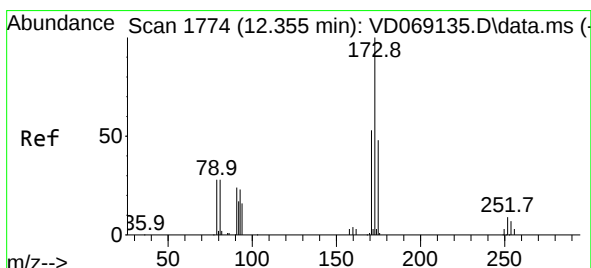
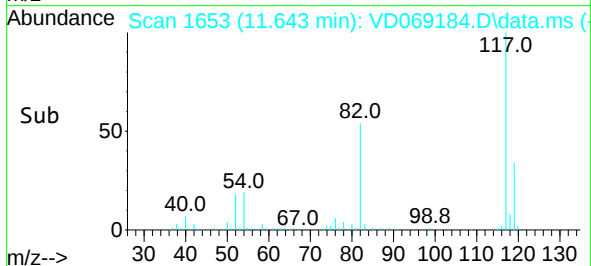
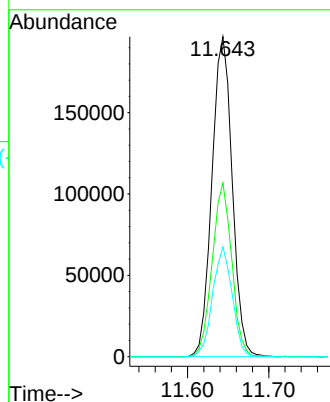
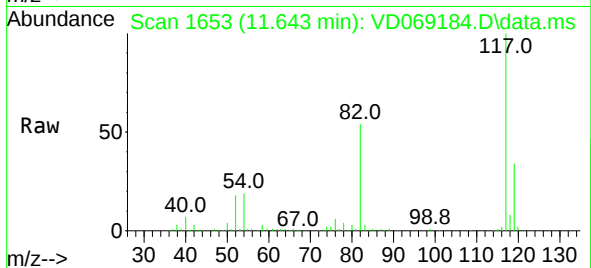




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

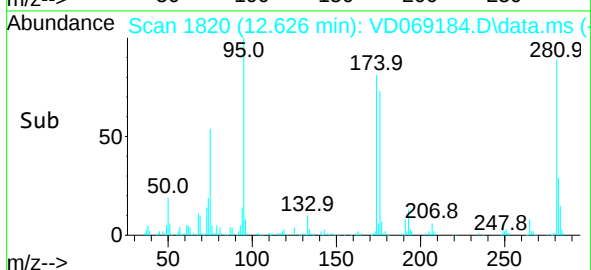
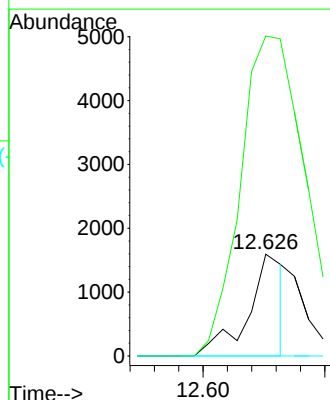
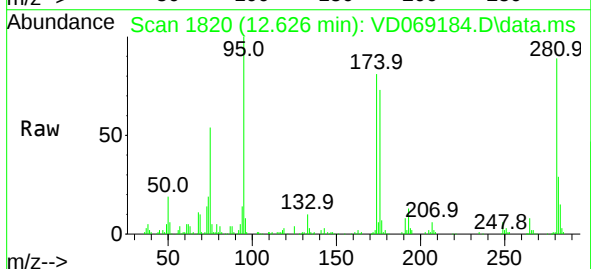
Instrument :
MSVOA_D
ClientSampleId :
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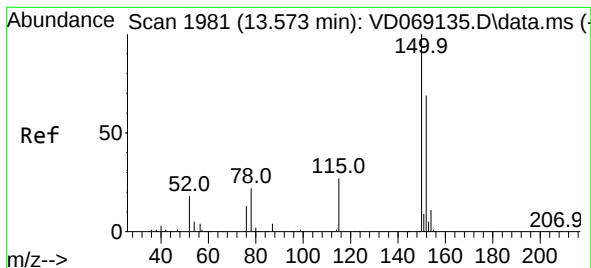
Tgt Ion:117 Resp: 341350
Ion Ratio Lower Upper
117 100
82 54.3 40.5 60.7
119 34.3 24.2 36.4



#71
Bromoform
Concen: 1.16 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

Tgt Ion:173 Resp: 1616
Ion Ratio Lower Upper
173 100
175 390.2 24.3 73.0#
254 0.0 0.0 0.0

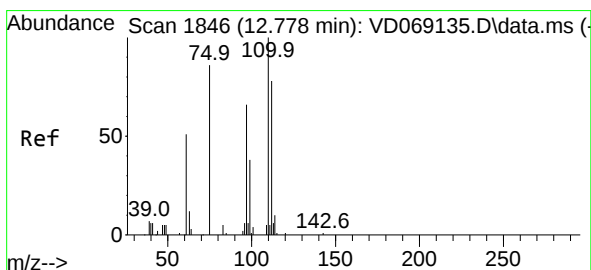
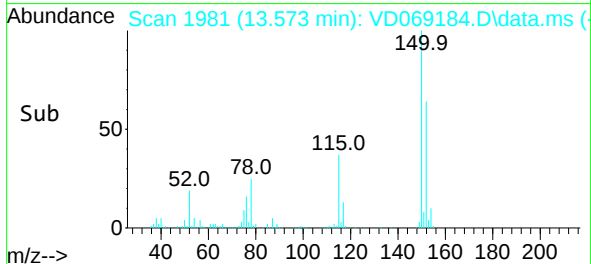
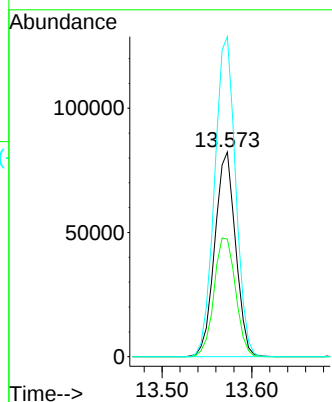
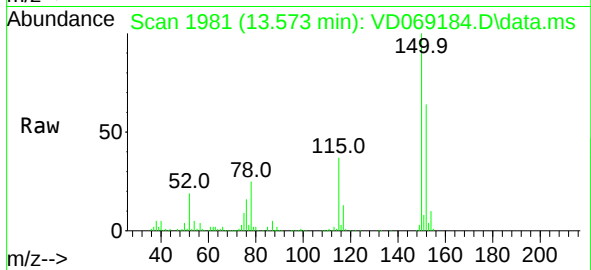




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

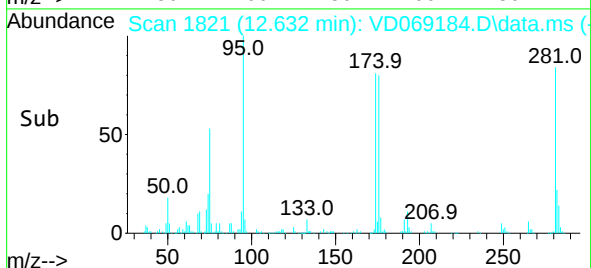
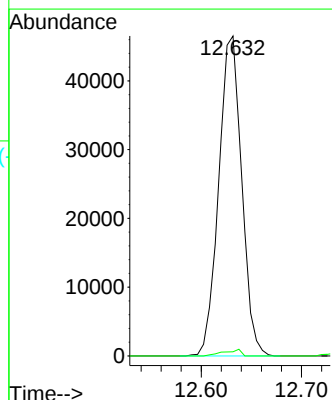
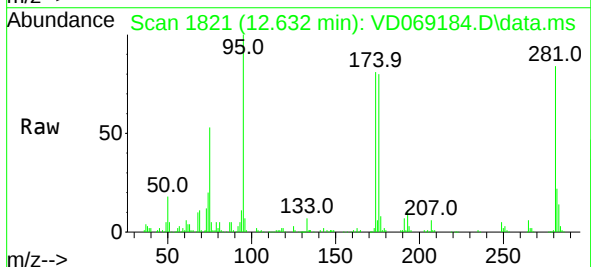
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051

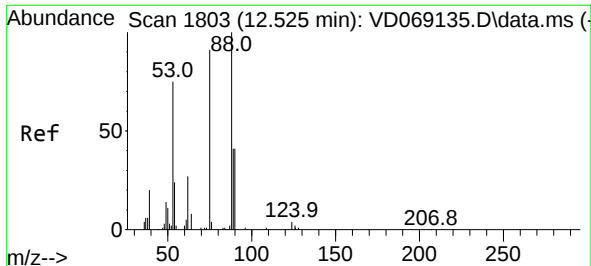
Tgt Ion:152 Resp: 132825
Ion Ratio Lower Upper
152 100
115 60.1 29.9 89.8
150 157.4 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 74.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

Tgt Ion: 75 Resp: 73977
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

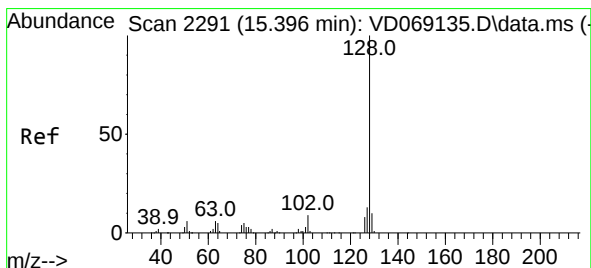
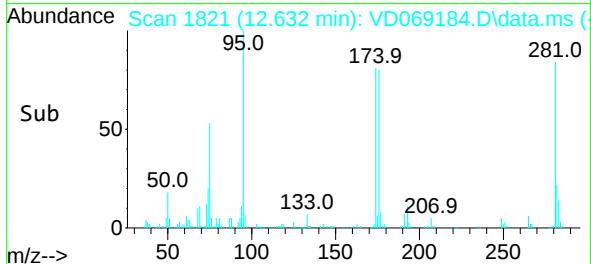
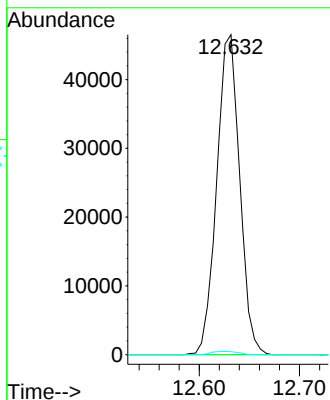
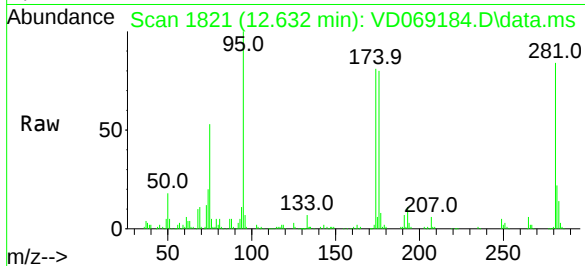




#81
trans-1,4-Dichloro-2-butene
Concen: 149.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

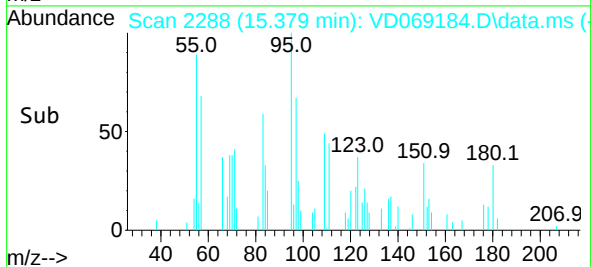
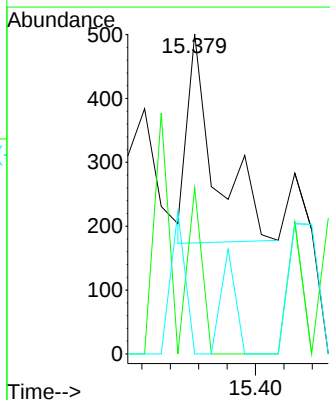
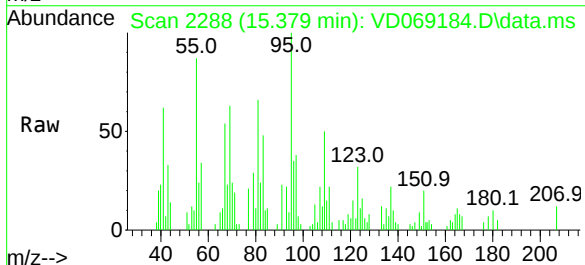
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051

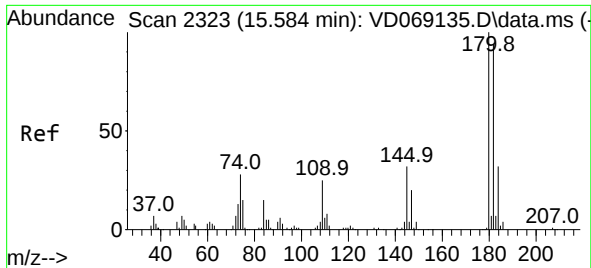
Tgt Ion: 75 Resp: 73977
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 1.2 40.2 60.2#



#95
Naphthalene
Concen: 2.09 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.017 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

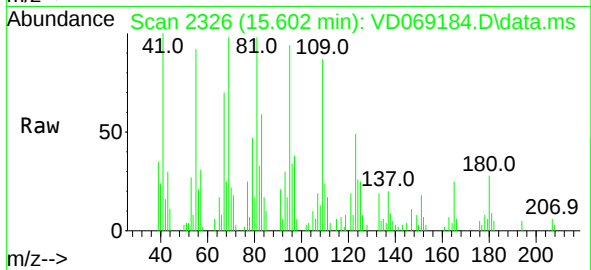
Tgt Ion:128 Resp: 222
Ion Ratio Lower Upper
128 100
127 101.4 10.5 15.7#
129 35.6 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.01 ug/l
 RT: 15.602 min Scan# 2326
 Delta R.T. 0.018 min
 Lab File: VD069184.D
 Acq: 14 May 2021 18:44

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-27051



Tgt Ion:	180	Resp:	2025
Ion Ratio	Lower	Upper	
180	100		
182	9.8	47.8	143.4#
145	0.0	16.1	48.3#

