

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069163.D
 Acq On : 13 May 2021 18:00
 Operator : VA/SY
 Sample : M2372-11
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26855

Quant Time: May 14 01:23:30 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)

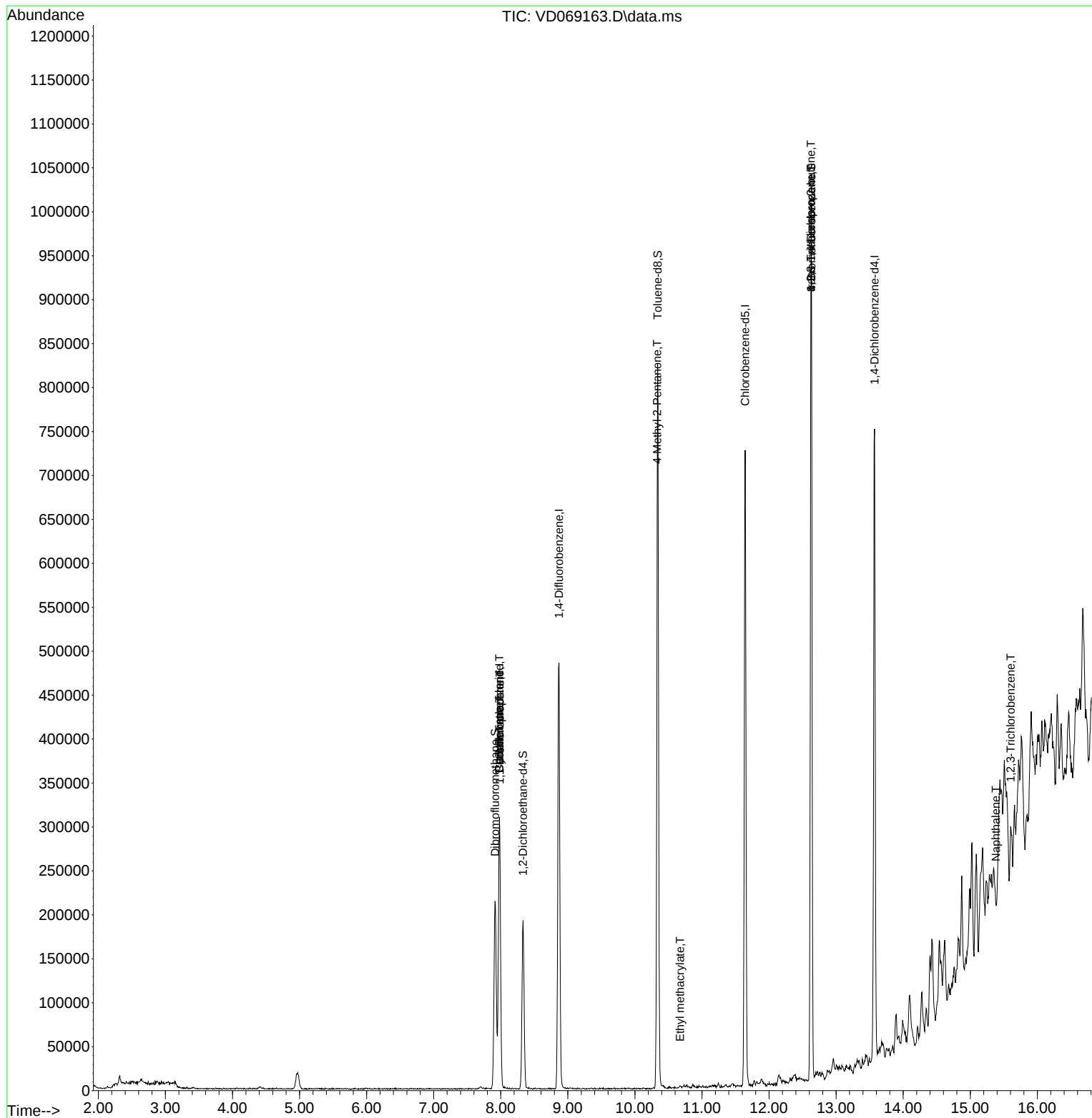
Internal Standards						
1) Pentafluorobenzene	7.979	168	225814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	439746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	428880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	198105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	147746	65.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.54%			
35) Dibromofluoromethane	7.914	113	153776	53.74	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.48%			
50) Toluene-d8	10.338	98	568011	54.02	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.04%			
62) 4-Bromofluorobenzene	12.632	95	193649	57.23	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.46%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.238	59	165	Below Cal	#	73
20) Methylene Chloride	4.973	84	15680	Below Cal		96
31) Cyclohexane	7.979	56	4943	1.47 ug/l	#	44
36) 1,1-Dichloropropene	7.985	75	17981	4.21 ug/l	#	48
38) Carbon Tetrachloride	7.979	117	22818	4.77 ug/l	#	18
51) 4-Methyl-2-Pentanone	10.332	43	2465	1.92 ug/l	#	1
56) Ethyl methacrylate	10.673	69	705	1.59 ug/l	#	63
76) 1,2,3-Trichloropropane	12.626	75	100602	67.56 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.626	75	100602	136.46 ug/l	#	15
95) Naphthalene	15.384	128	774	2.16 ug/l	#	69
96) 1,2,3-Trichlorobenzene	15.602	180	5868	1.96 ug/l	#	12

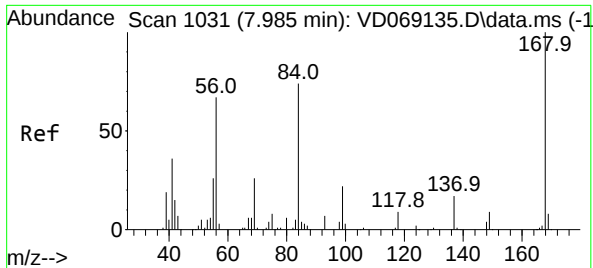
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
CHRT-26855

Quant Time: May 14 01:23:30 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

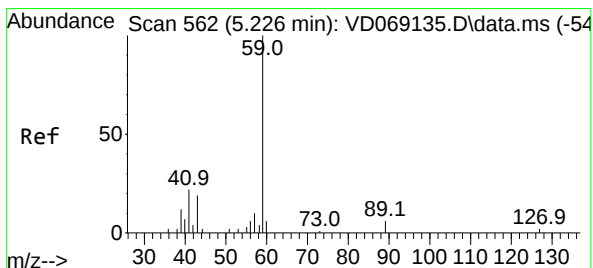
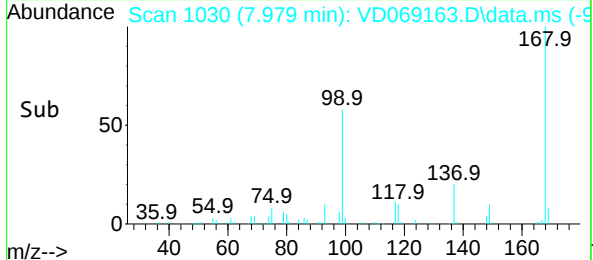
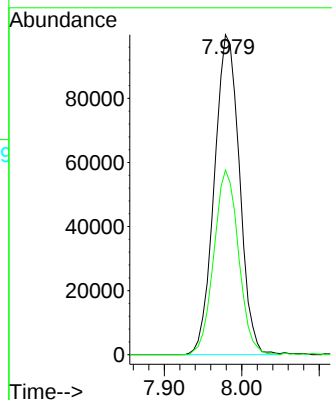
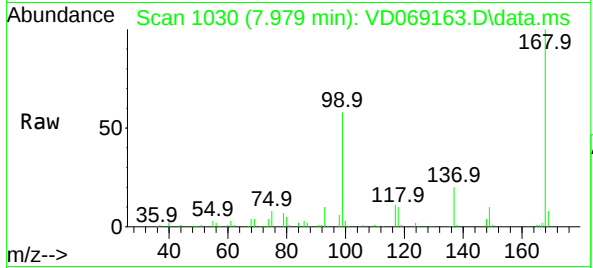




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

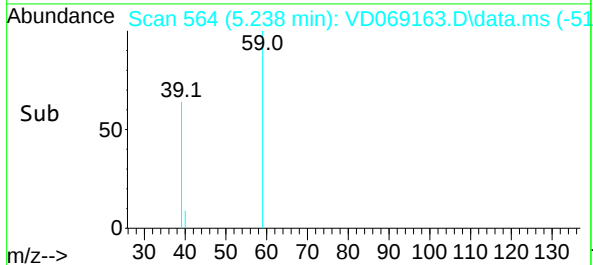
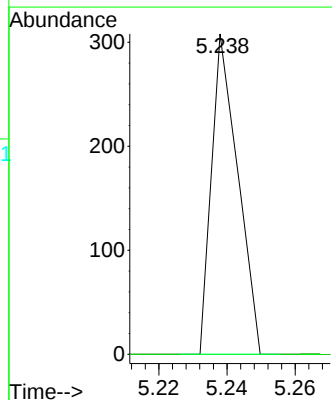
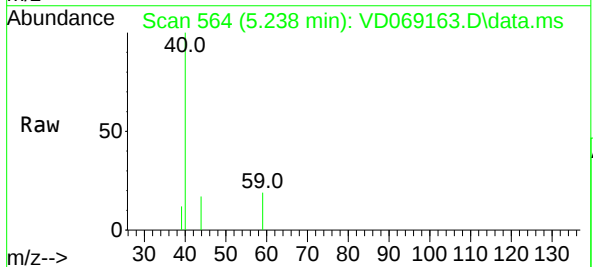
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26855

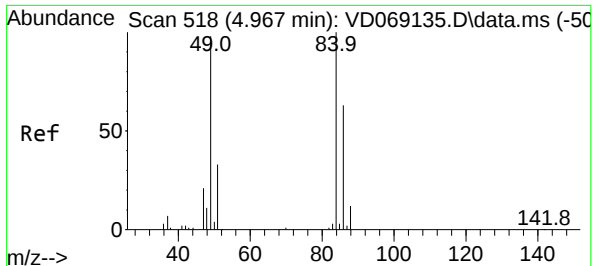
Tgt Ion:168 Resp: 225814
Ion Ratio Lower Upper
168 100
99 57.7 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

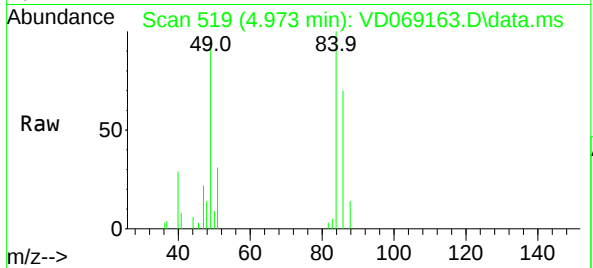
Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



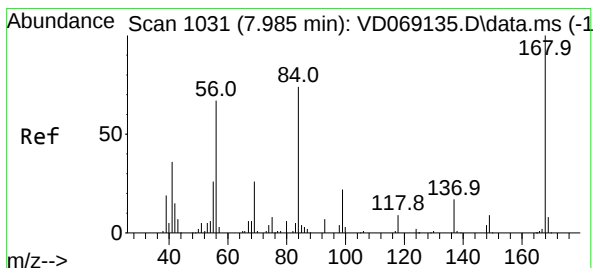
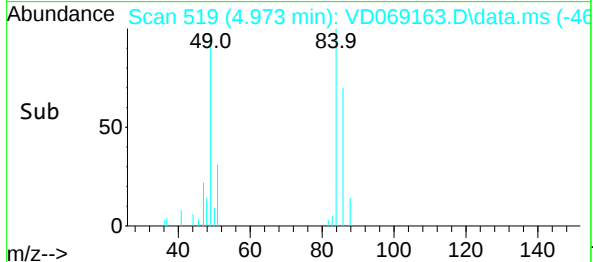
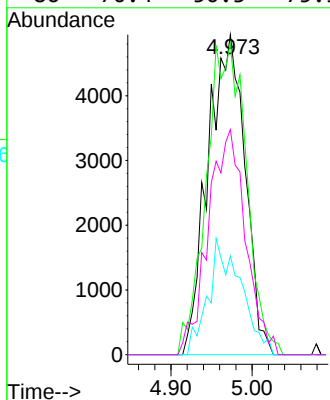


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26855

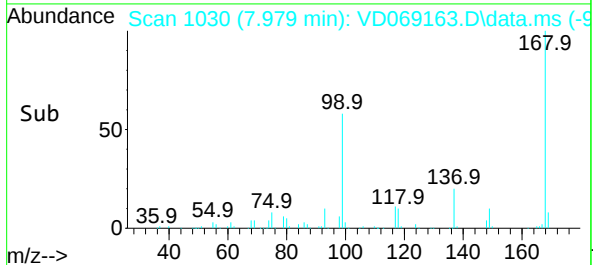
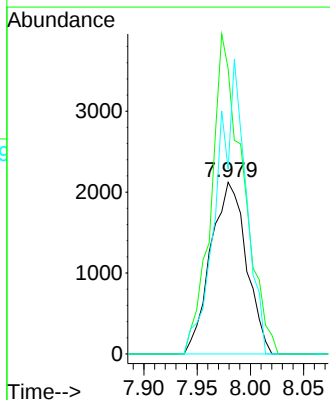
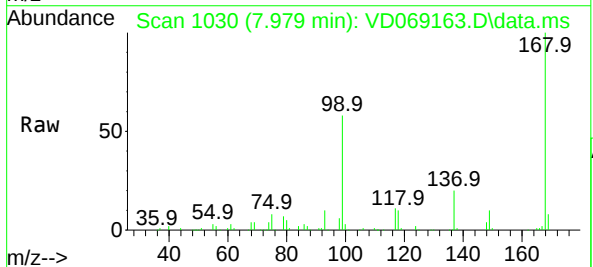


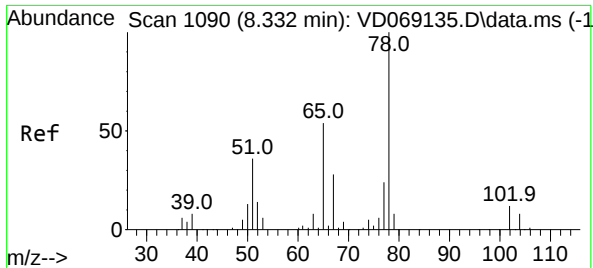
Tgt Ion:	84	Resp:	15680
Ion	Ratio	Lower	Upper
84	100		
49	97.3	78.6	117.8
51	30.9	26.7	40.1
86	70.4	50.3	75.5



#31
Cyclohexane
Concen: 1.47 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

Tgt Ion:	56	Resp:	4943
Ion	Ratio	Lower	Upper
56	100		
69	166.2	30.6	46.0#
84	107.7	88.0	132.0

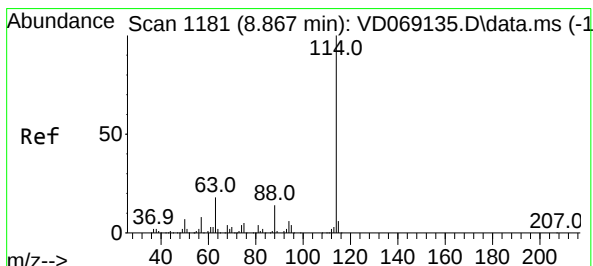
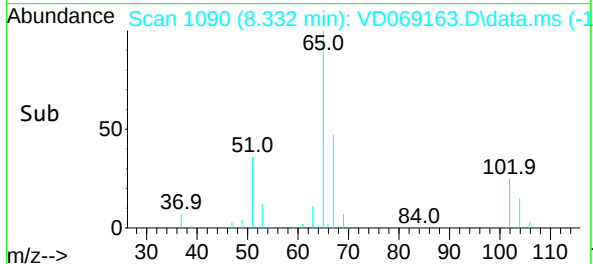
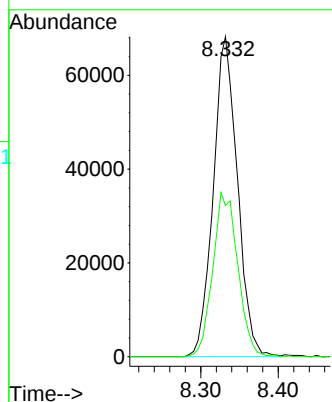
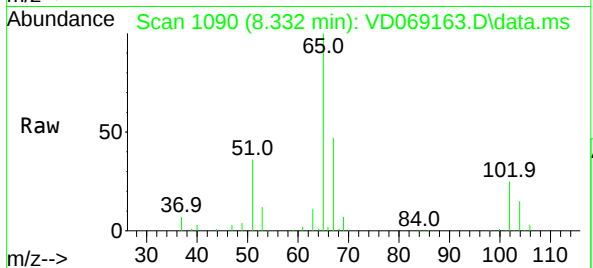




#33
1,2-Dichloroethane-d4
Concen: 65.27 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

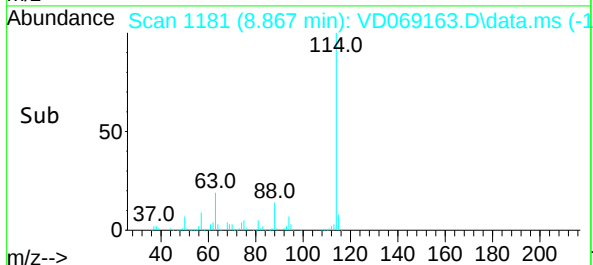
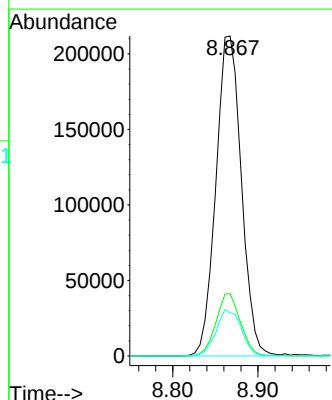
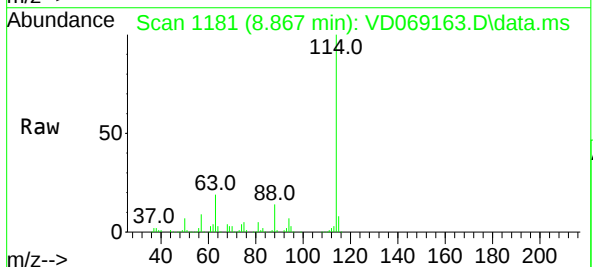
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26855

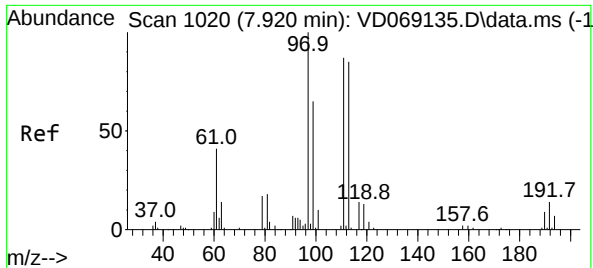
Tgt Ion: 65 Resp: 147746
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

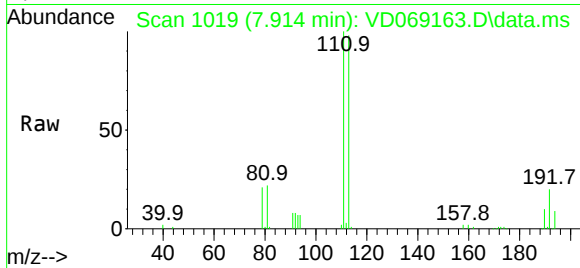
Tgt Ion: 114 Resp: 439746
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 13.5 0.0 28.2



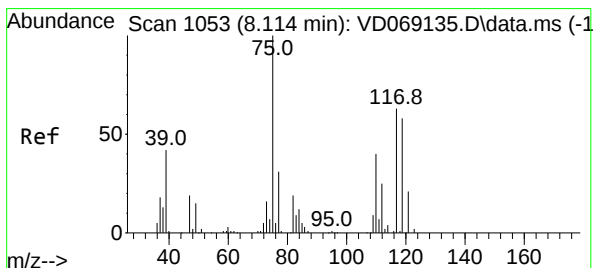
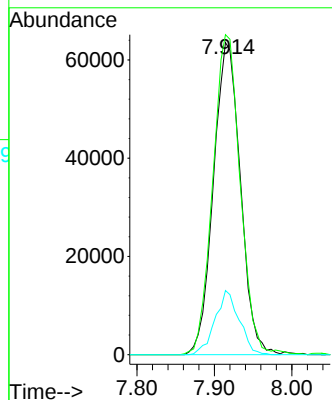
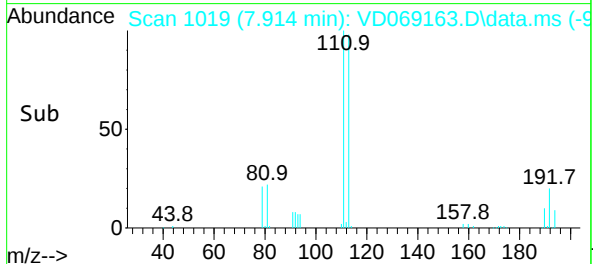


#35
Dibromofluoromethane
Concen: 53.74 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

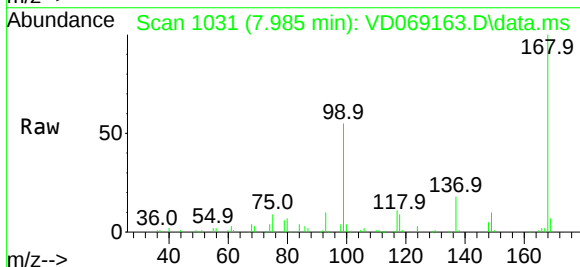
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26855



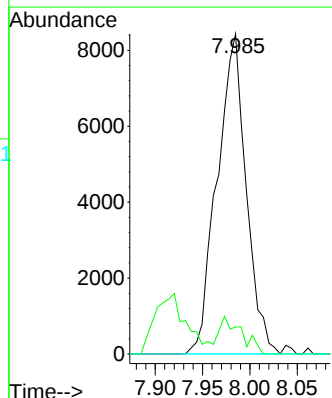
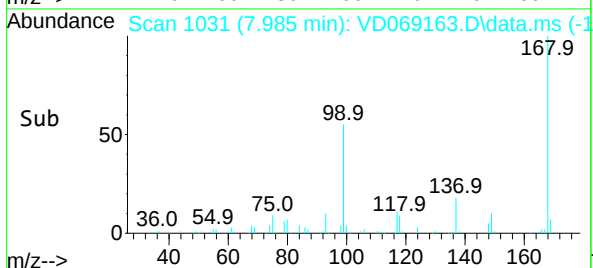
Tgt Ion:113 Resp: 153776
Ion Ratio Lower Upper
113 100
111 104.1 80.6 120.8
192 18.4 14.8 22.2

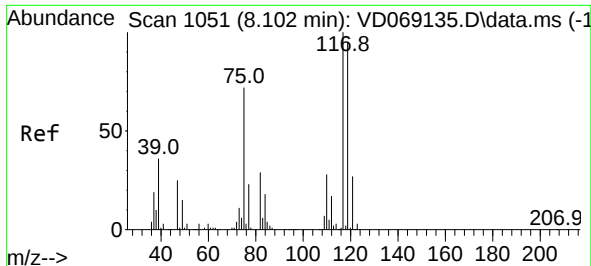


#36
1,1-Dichloropropene
Concen: 4.21 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00



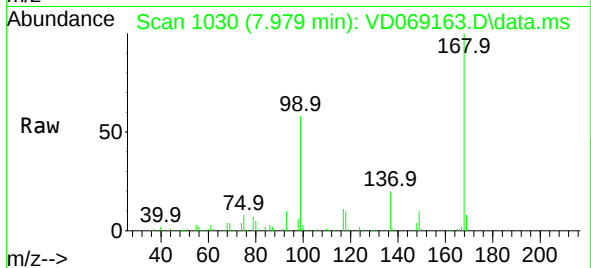
Tgt Ion: 75 Resp: 17981
Ion Ratio Lower Upper
75 100
110 9.0 18.8 56.4#
77 0.0 25.2 37.8#



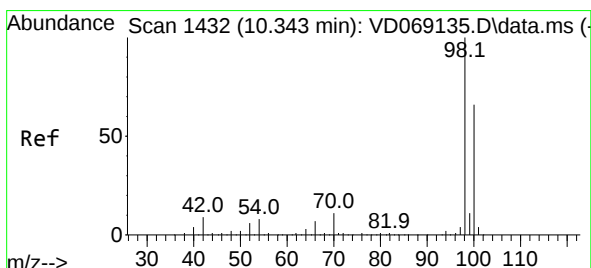
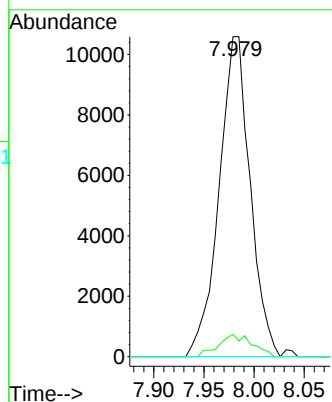
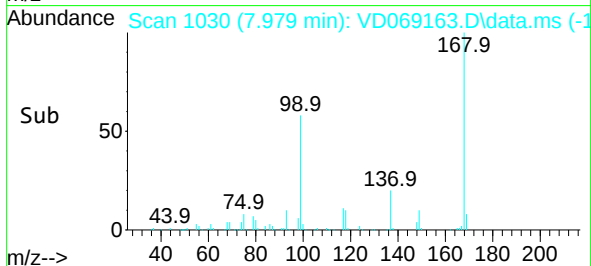


#38
Carbon Tetrachloride
Concen: 4.77 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

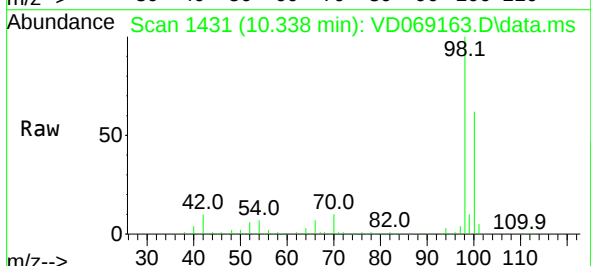
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26855



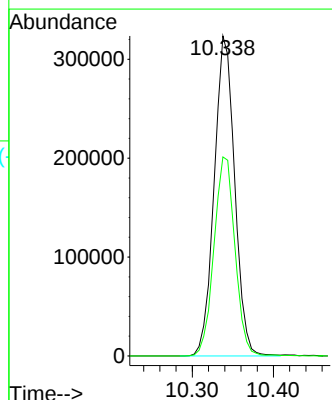
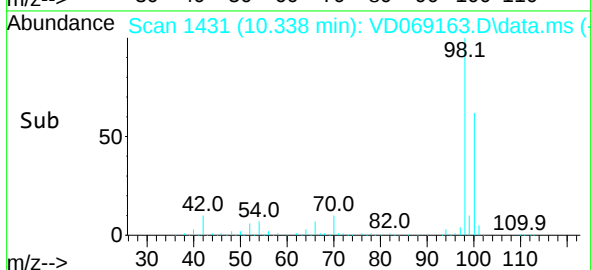
Tgt Ion:117 Resp: 22818
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 21.9 32.9#

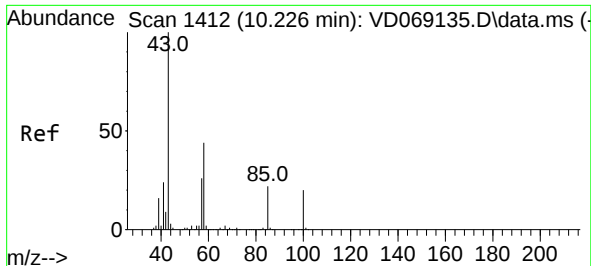


#50
Toluene-d8
Concen: 54.02 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00



Tgt Ion: 98 Resp: 568011
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8

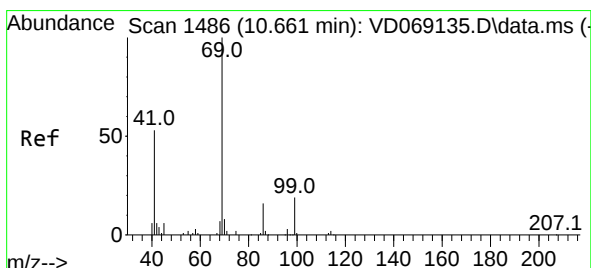
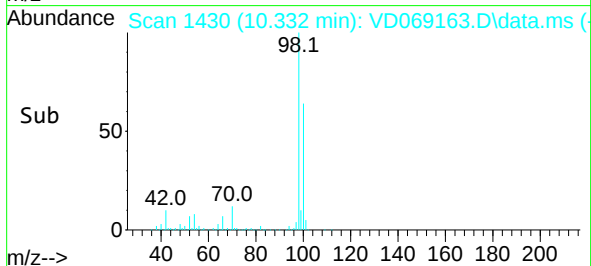
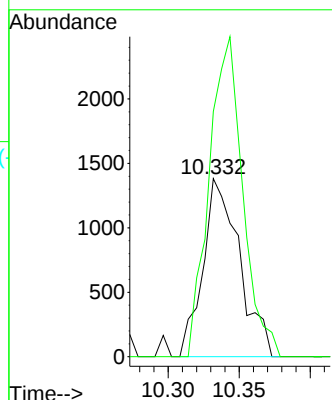
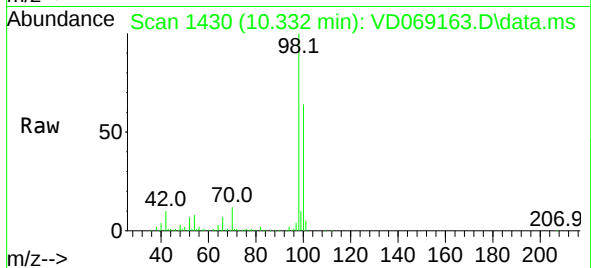




#51
4-Methyl-2-Pentanone
Concen: 1.92 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

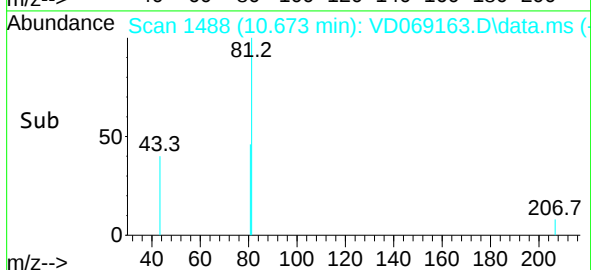
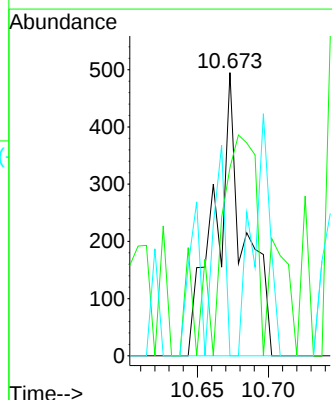
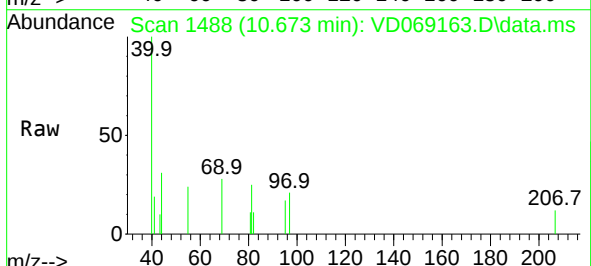
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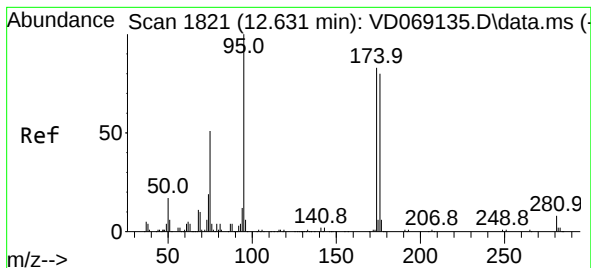
Tgt Ion: 43 Resp: 2465
Ion Ratio Lower Upper
43 100
58 166.0 35.0 52.4#



#56
Ethyl methacrylate
Concen: 1.59 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.012 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

Tgt Ion: 69 Resp: 705
Ion Ratio Lower Upper
69 100
41 92.6 42.2 63.2#
39 29.9 26.3 39.5

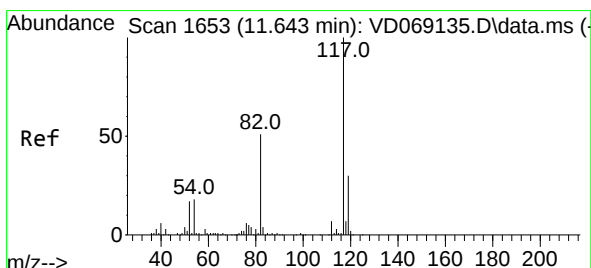
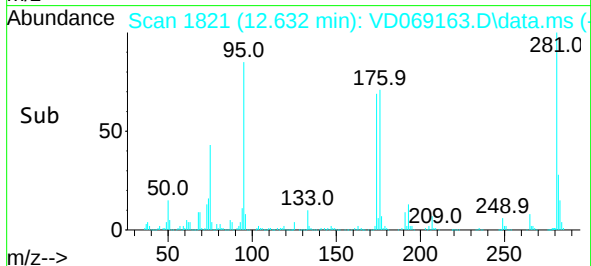
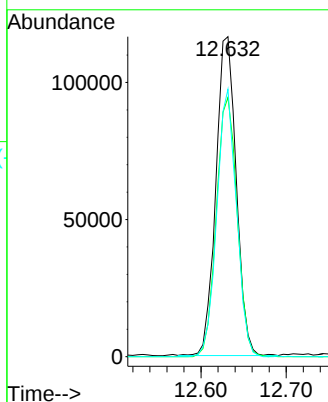
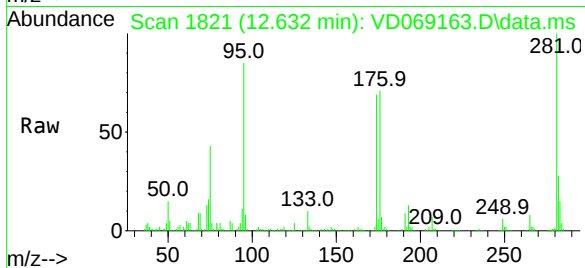




#62
4-Bromofluorobenzene
Concen: 57.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

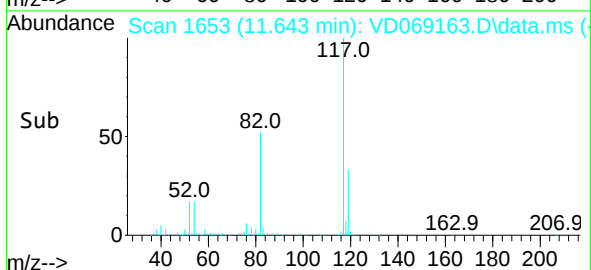
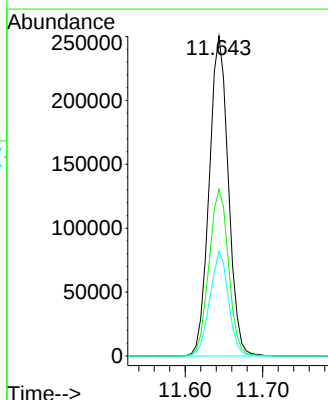
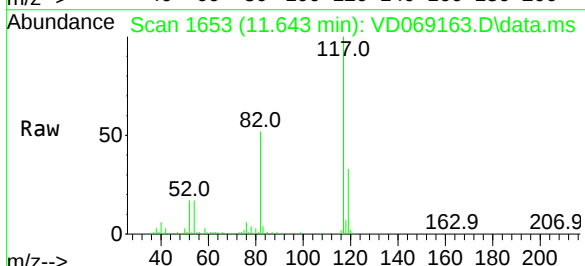
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26855

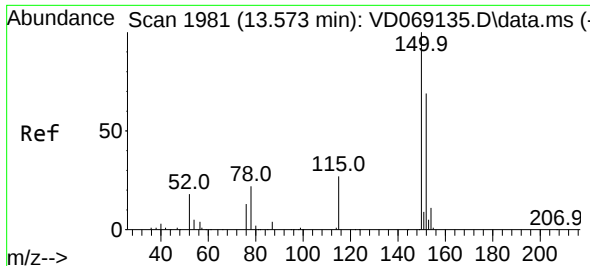
Tgt Ion: 95 Resp: 193649
Ion Ratio Lower Upper
95 100
174 82.6 0.0 171.8
176 80.6 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

Tgt Ion: 117 Resp: 428880
Ion Ratio Lower Upper
117 100
82 52.2 40.5 60.7
119 32.7 24.2 36.4

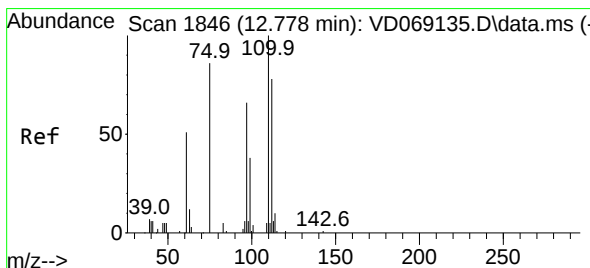
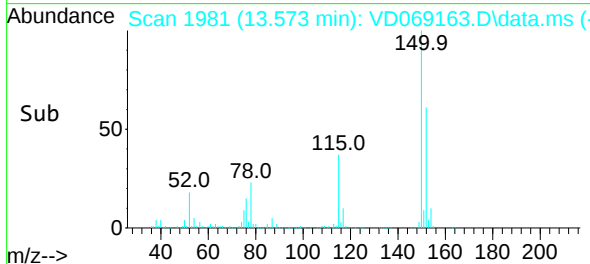
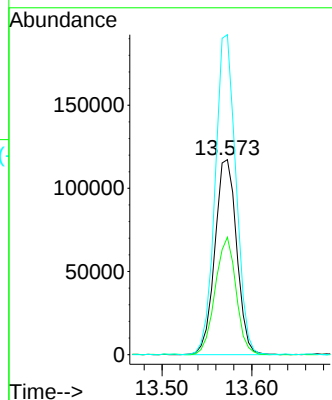
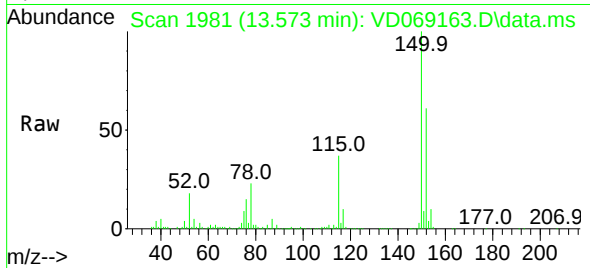




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

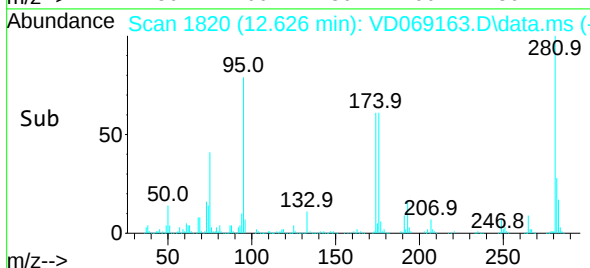
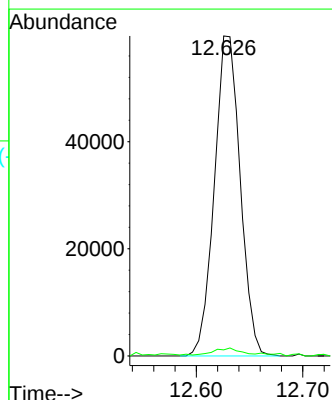
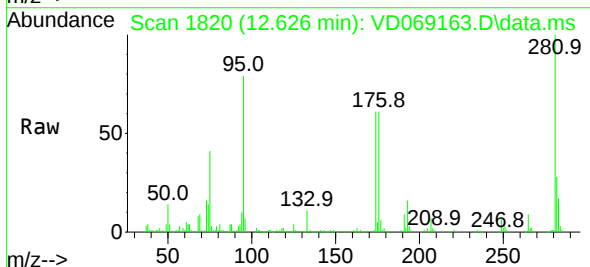
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26855

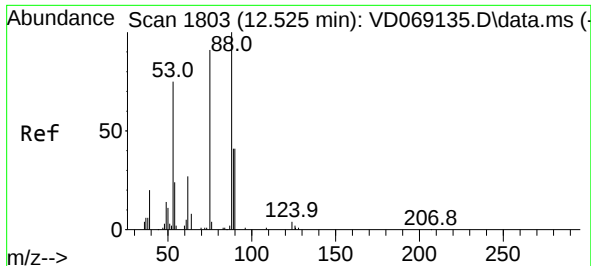
Tgt Ion:152 Resp: 198105
Ion Ratio Lower Upper
152 100
115 57.4 29.9 89.8
150 156.1 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 67.56 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

Tgt Ion: 75 Resp: 100602
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#

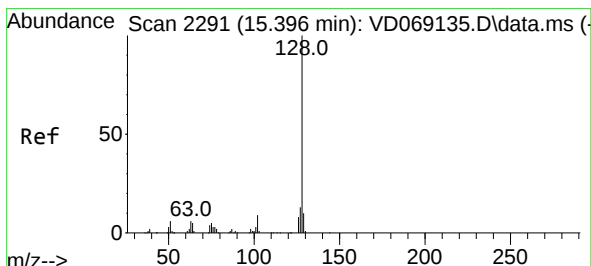
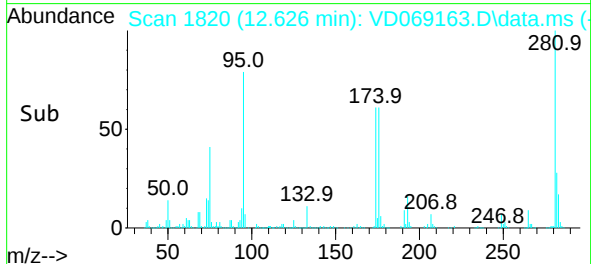
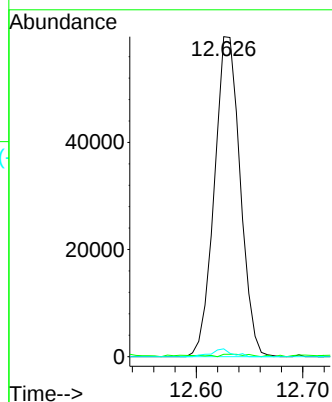
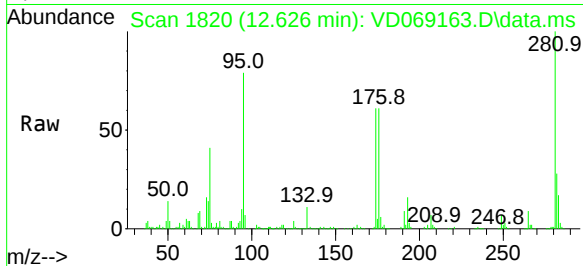




#81
trans-1,4-Dichloro-2-butene
Concen: 136.46 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

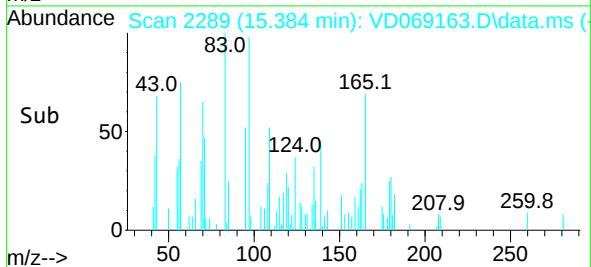
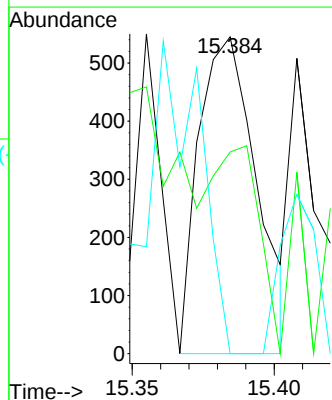
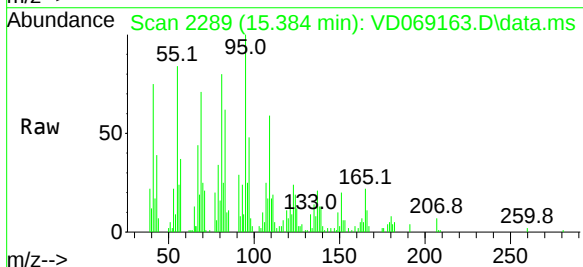
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26855

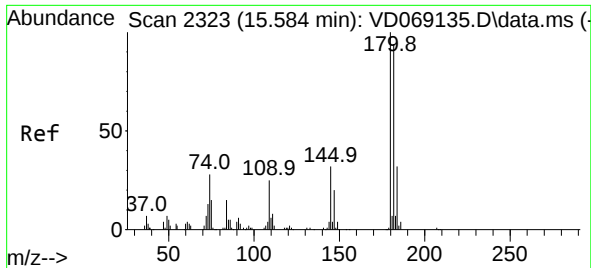
Tgt Ion: 75 Resp: 100602
Ion Ratio Lower Upper
75 100
53 0.8 70.0 105.0#
89 1.9 40.2 60.2#



#95
Naphthalene
Concen: 2.16 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.012 min
Lab File: VD069163.D
Acq: 13 May 2021 18:00

Tgt Ion:128 Resp: 774
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.96 ug/l
 RT: 15.602 min Scan# 2326
 Delta R.T. 0.018 min
 Lab File: VD069163.D
 Acq: 13 May 2021 18:00

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26855

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.4#
145	0.0	16.1	48.3#

