

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070579.D
 Acq On : 05 Oct 2021 18:38
 Operator : VA/SY
 Sample : M4043-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-03-100121

Quant Time: Oct 06 09:23:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

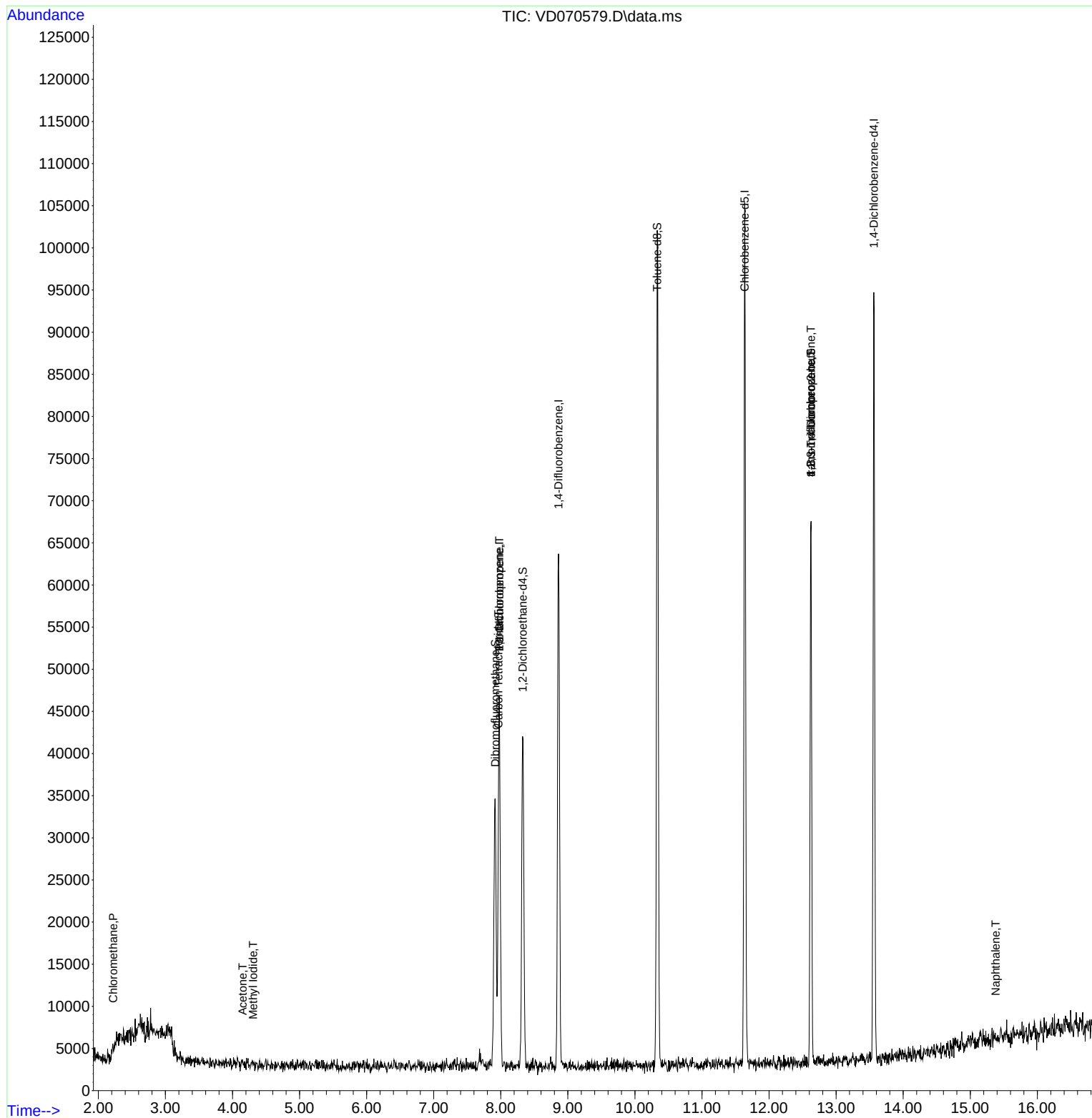
Internal Standards						
1) Pentafluorobenzene	7.979	168	30619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	56112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	59841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	24830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	33004	91.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.180%#	
35) Dibromofluoromethane	7.920	113	24190	64.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.680%	
50) Toluene-d8	10.332	98	72758	51.016	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.040%	
62) 4-Bromofluorobenzene	12.626	95	23359	49.005	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.220	50	491	1.059	ug/l #	42
5) Bromomethane	2.779	94	974	Below Cal		86
10) Methyl Iodide	4.309	142	176	1.153	ug/l #	26
16) Acetone	4.150	43	148	2.419	ug/l #	40
20) Methylene Chloride	4.950	84	135	Below Cal	#	57
36) 1,1-Dichloropropene	7.979	75	2693	4.519	ug/l #	47
38) Carbon Tetrachloride	7.967	117	3086	4.948	ug/l #	21
59) 2-Hexanone	11.249	43	59	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.626	75	11391	50.686	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	11391	112.531	ug/l #	17
95) Naphthalene	15.379	128	264	2.808	ug/l #	69

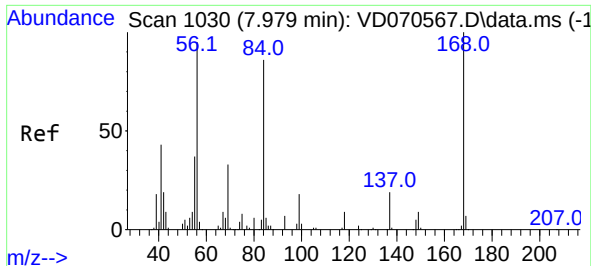
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

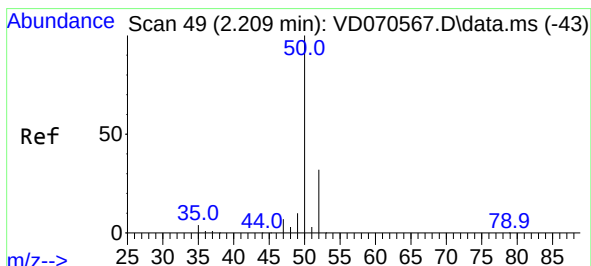
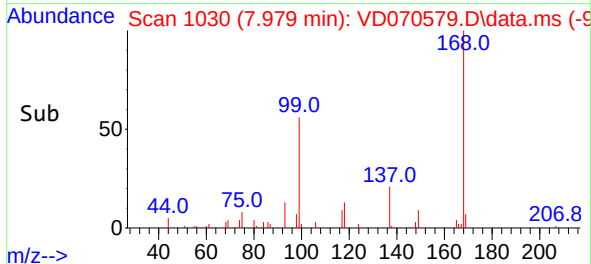
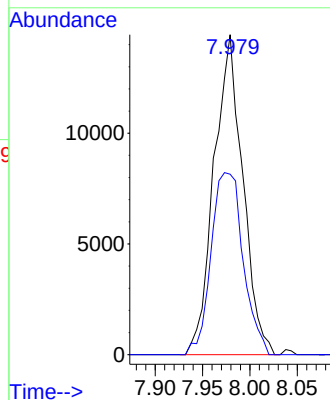
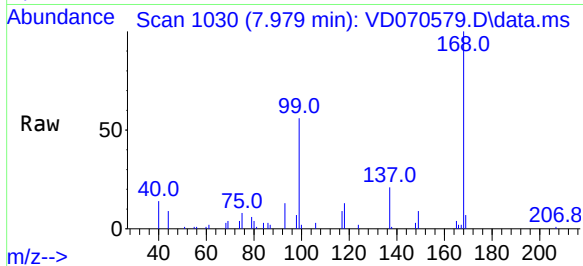




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD070579.D
Acq: 05 Oct 2021 18:38

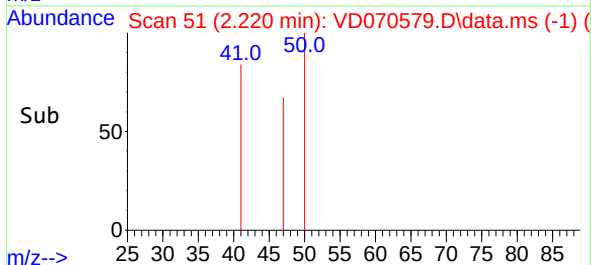
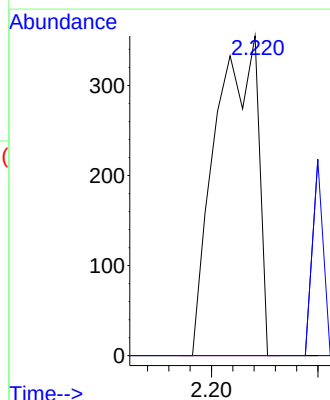
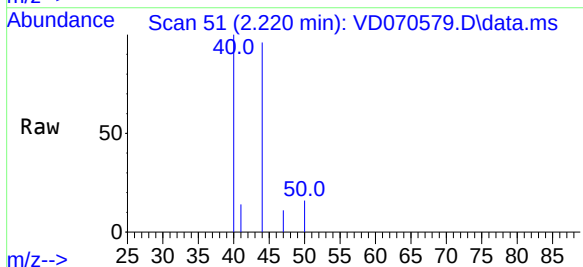
Instrument :
MSVOA_D
ClientSampleId :
HR-03-100121

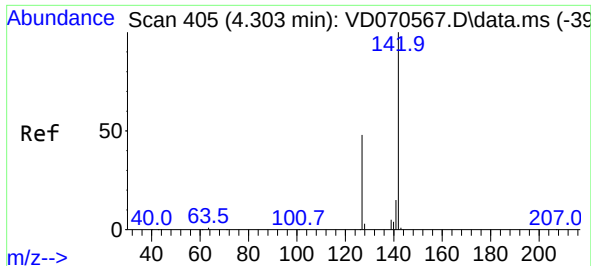
Tgt Ion:168 Resp: 30619
Ion Ratio Lower Upper
168 100
99 56.4 51.4 77.0



#3
Chloromethane
Concen: 1.059 ug/l
RT: 2.220 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD070579.D
Acq: 05 Oct 2021 18:38

Tgt Ion: 50 Resp: 491
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

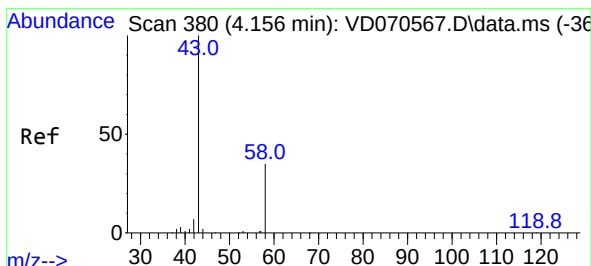
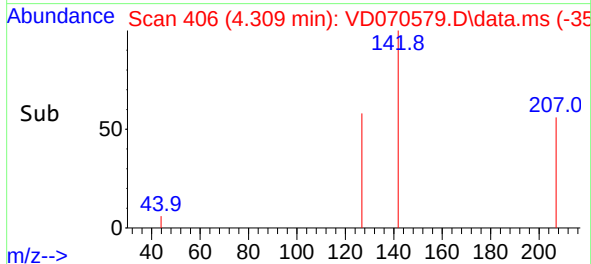
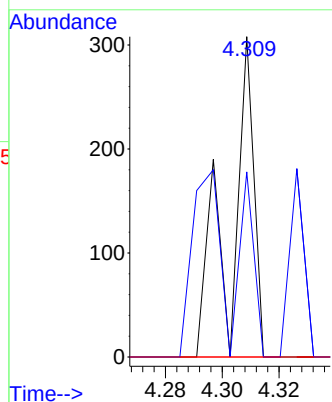
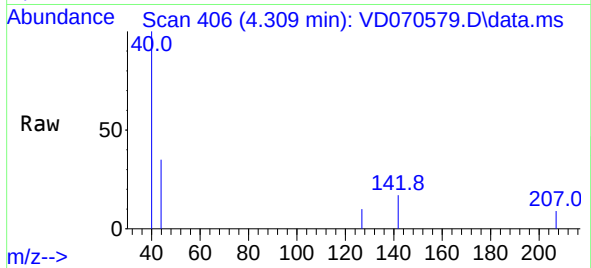




#10
Methyl Iodide
Concen: 1.153 ug/l
RT: 4.309 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070579.D
Acq: 05 Oct 2021 18:38

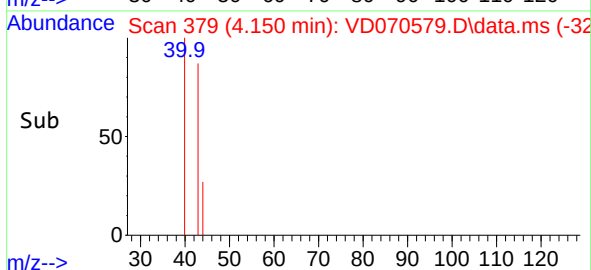
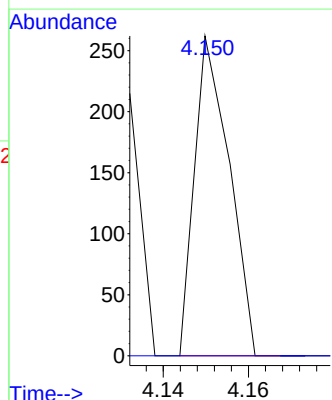
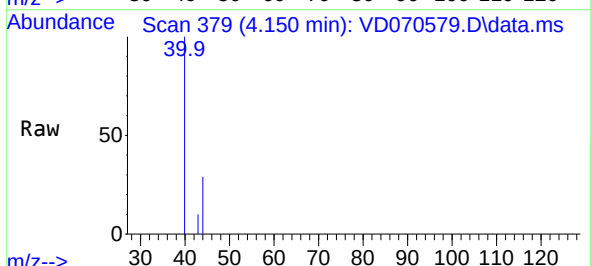
Instrument :
MSVOA_D
ClientSampleId :
HR-03-100121

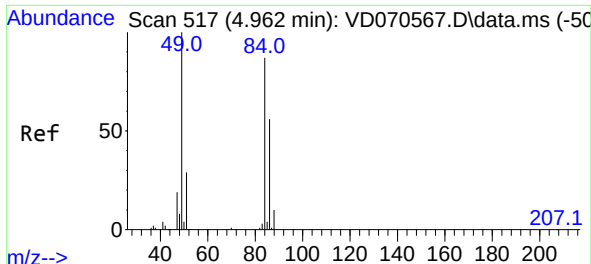
Tgt Ion:142 Resp: 176
Ion Ratio Lower Upper
142 100
127 104.0 37.5 56.3#
141 0.0 12.1 18.1#



#16
Acetone
Concen: 2.419 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070579.D
Acq: 05 Oct 2021 18:38

Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.950 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD070579.D

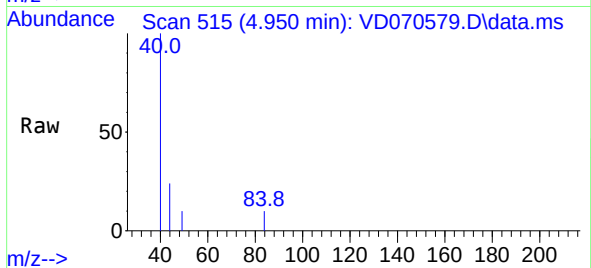
Acq: 05 Oct 2021 18:38

Instrument :

MSVOA_D

ClientSampleId :

HR-03-100121



Tgt Ion: 84 Resp: 135

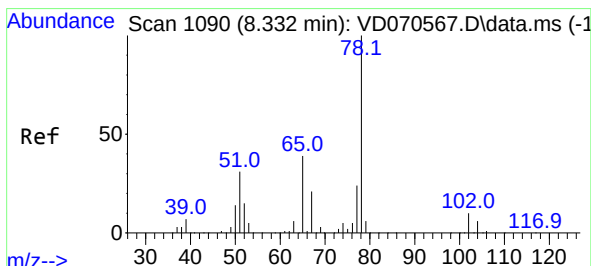
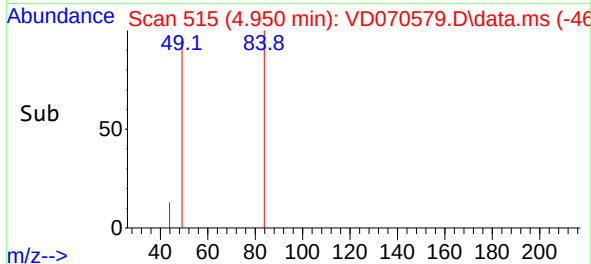
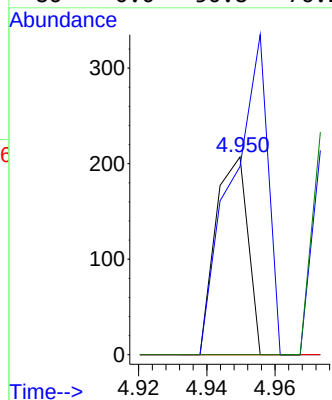
Ion Ratio Lower Upper

84 100

49 95.2 91.4 137.2

51 0.0 26.7 40.1#

86 0.0 50.8 76.2#



#33

1,2-Dichloroethane-d4

Concen: 91.590 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD070579.D

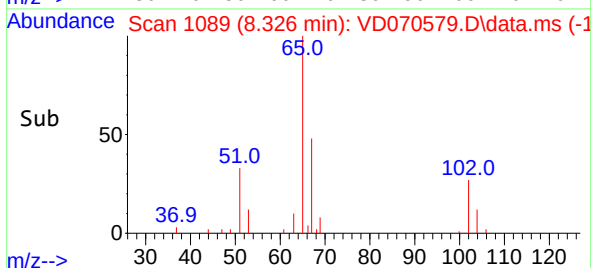
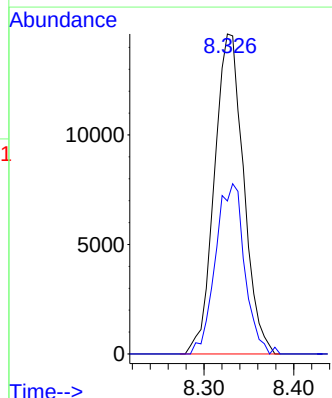
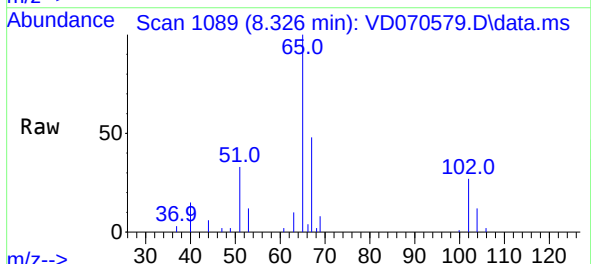
Acq: 05 Oct 2021 18:38

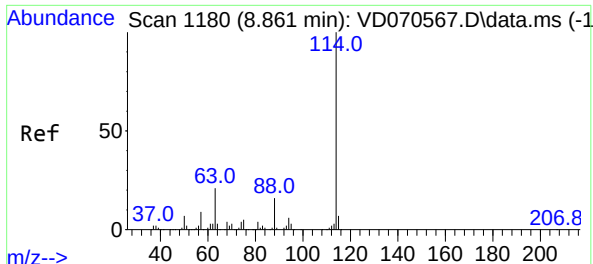
Tgt Ion: 65 Resp: 33004

Ion Ratio Lower Upper

65 100

67 53.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070579.D

Acq: 05 Oct 2021 18:38

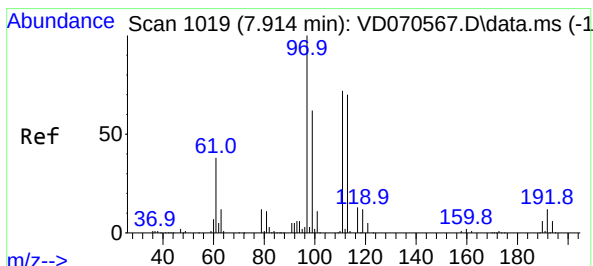
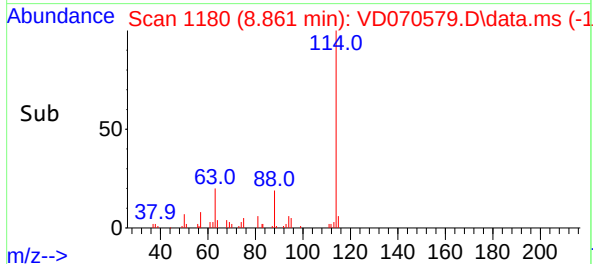
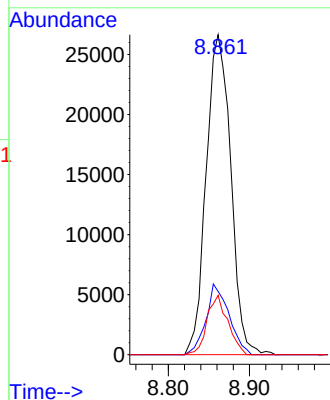
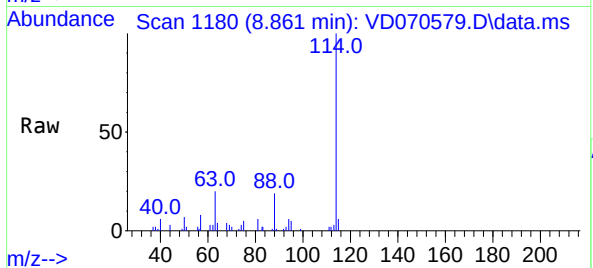
Instrument :

MSVOA_D

ClientSampleId :

HR-03-100121

Tgt Ion:114	Resp:	56112
Ion	Ratio	Lower Upper
114	100	
63	19.7	0.0 41.8
88	18.5	0.0 32.6



#35

Dibromofluoromethane

Concen: 64.841 ug/l

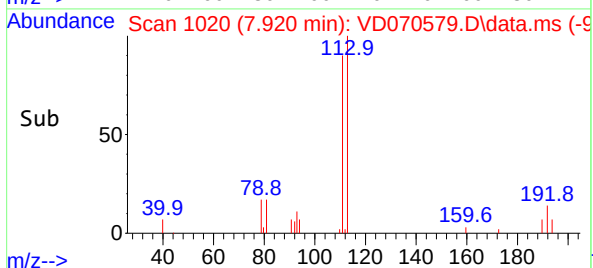
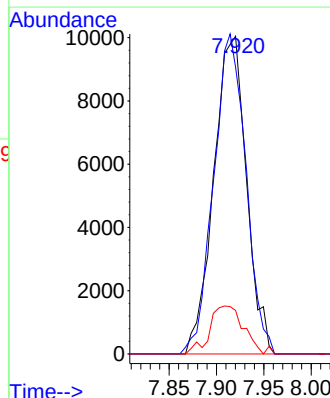
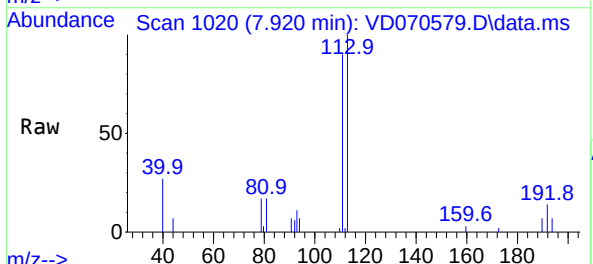
RT: 7.920 min Scan# 1020

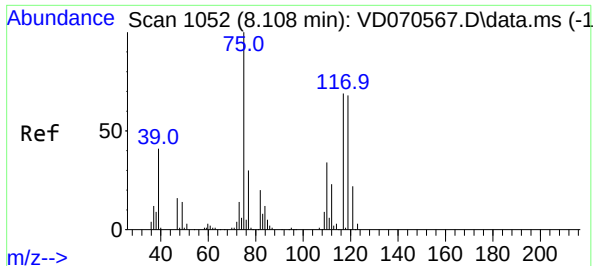
Delta R.T. 0.006 min

Lab File: VD070579.D

Acq: 05 Oct 2021 18:38

Tgt Ion:113	Resp:	24190
Ion	Ratio	Lower Upper
113	100	
111	99.0	83.1 124.7
192	15.8	12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.519 ug/l

RT: 7.979 min Scan# 1028

Delta R.T. -0.129 min

Lab File: VD070579.D

Acq: 05 Oct 2021 18:38

Instrument :

MSVOA_D

ClientSampleId :

HR-03-100121

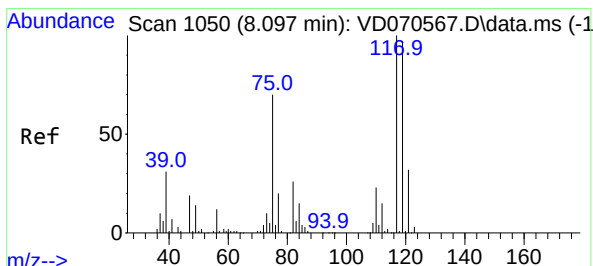
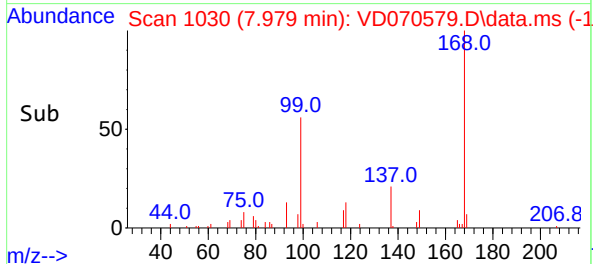
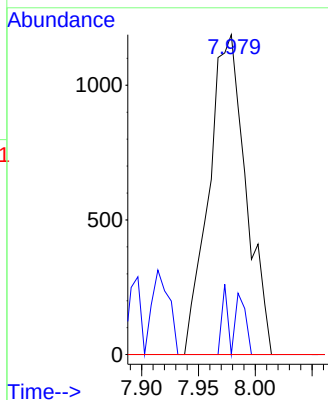
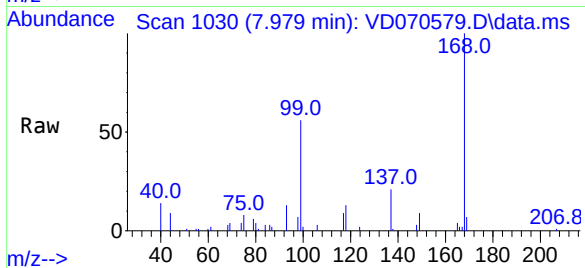
Tgt Ion: 75 Resp: 2693

Ion Ratio Lower Upper

75 100

110 5.2 17.2 51.6#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 4.948 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.129 min

Lab File: VD070579.D

Acq: 05 Oct 2021 18:38

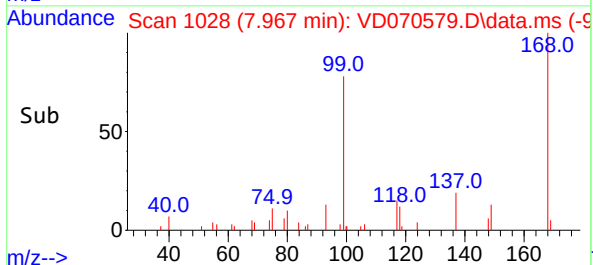
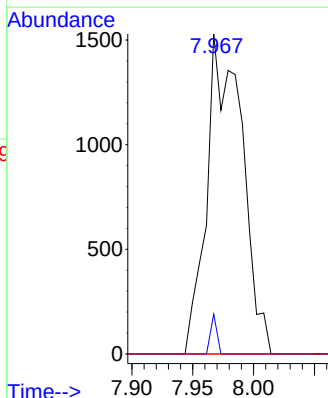
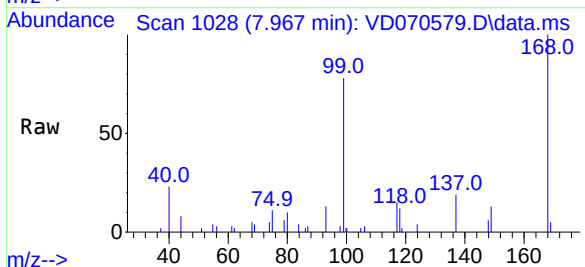
Tgt Ion: 117 Resp: 3086

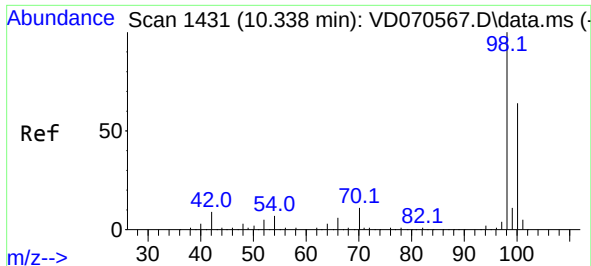
Ion Ratio Lower Upper

117 100

119 12.4 77.4 116.0#

121 0.0 25.4 38.0#

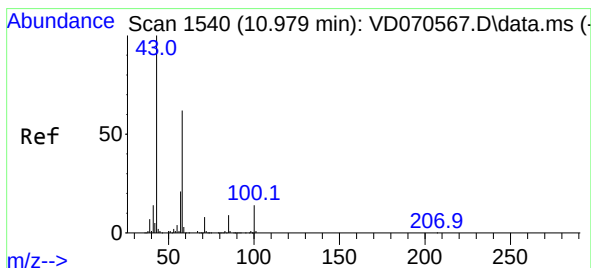
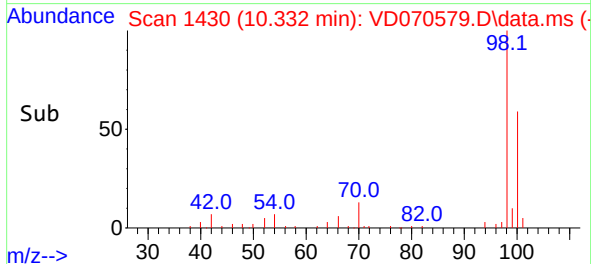
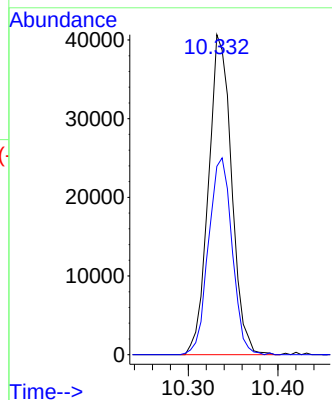
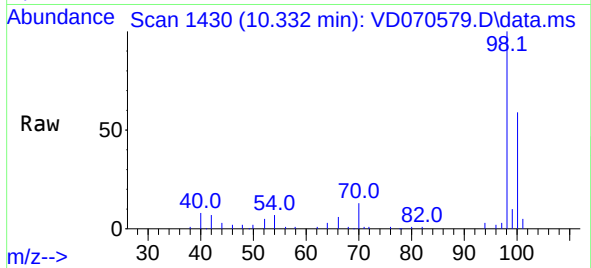




#50
Toluene-d8
Concen: 51.016 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070579.D
Acq: 05 Oct 2021 18:38

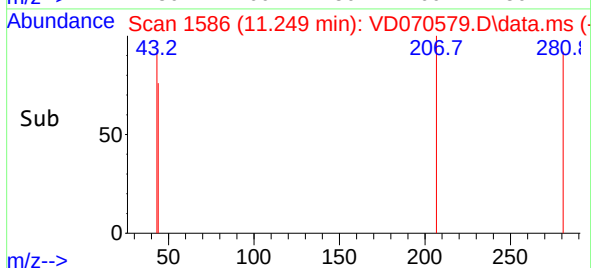
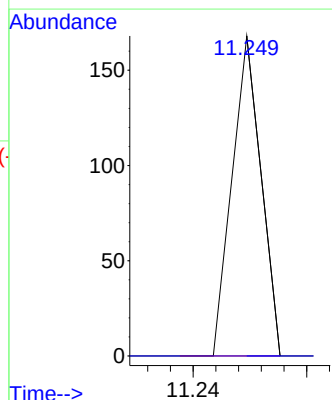
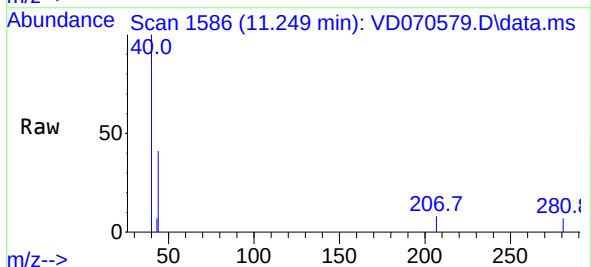
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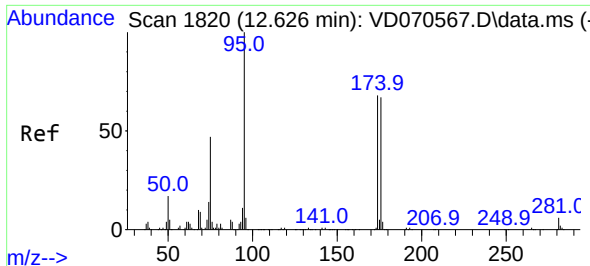
Tgt Ion: 98 Resp: 72758
Ion Ratio Lower Upper
98 100
100 62.8 52.2 78.4



#59
2-Hexanone
Concen: Below Cal
RT: 11.249 min Scan# 1586
Delta R.T. 0.270 min
Lab File: VD070579.D
Acq: 05 Oct 2021 18:38

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#

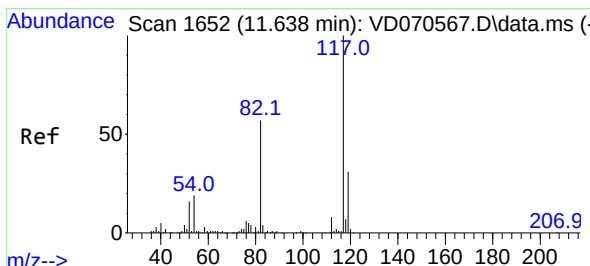
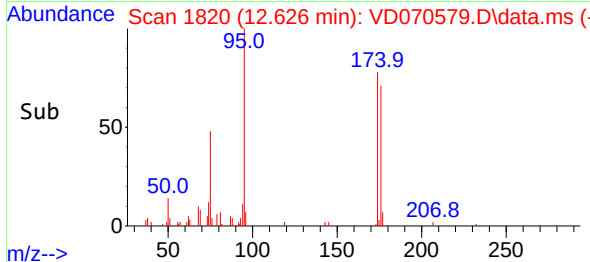
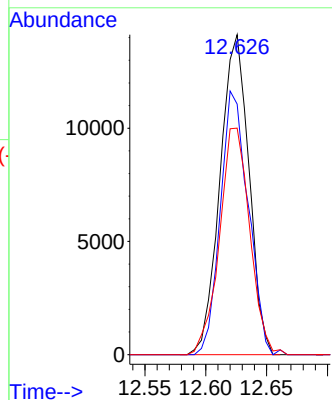
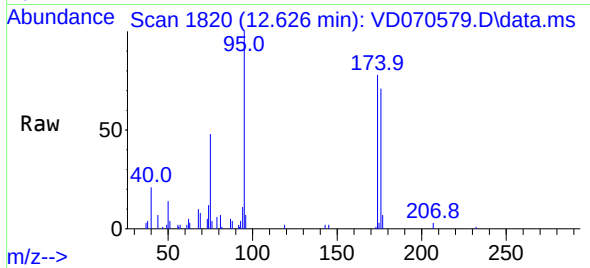




#62
4-Bromofluorobenzene
Concen: 49.005 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070579.D
Acq: 05 Oct 2021 18:38

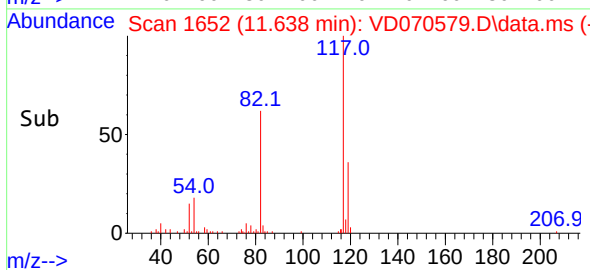
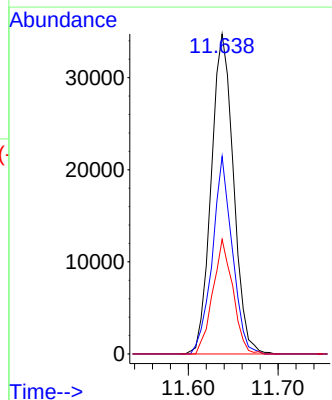
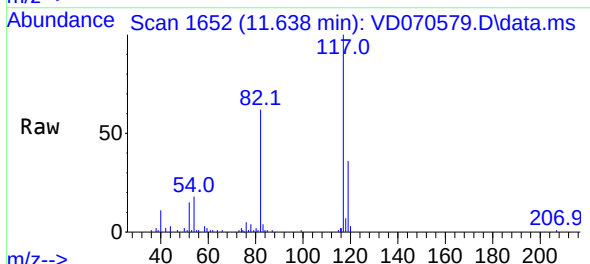
Instrument :
MSVOA_D
ClientSampleId :
HR-03-100121

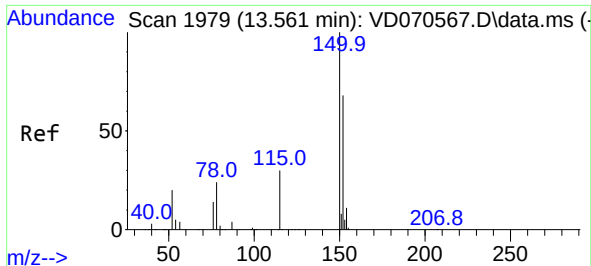
Tgt Ion:	95	Resp:	23359
Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	138.0
176	74.2	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070579.D
Acq: 05 Oct 2021 18:38

Tgt Ion:	117	Resp:	59841
Ion	Ratio	Lower	Upper
117	100		
82	61.7	45.4	68.2
119	35.8	24.7	37.1

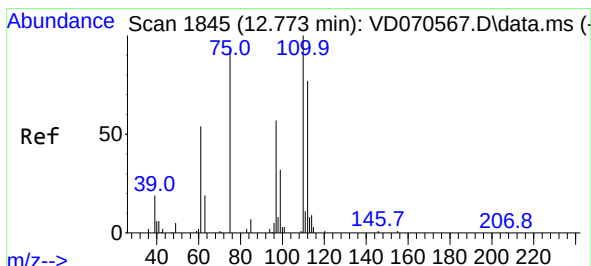
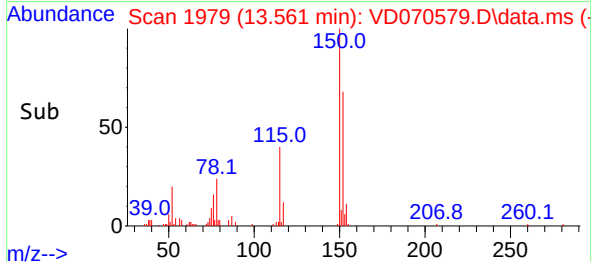
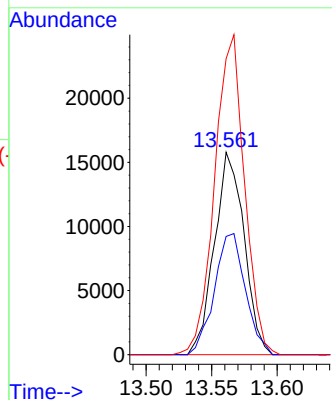
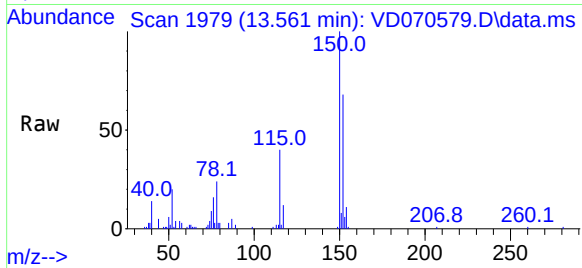




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD070579.D
 Acq: 05 Oct 2021 18:38

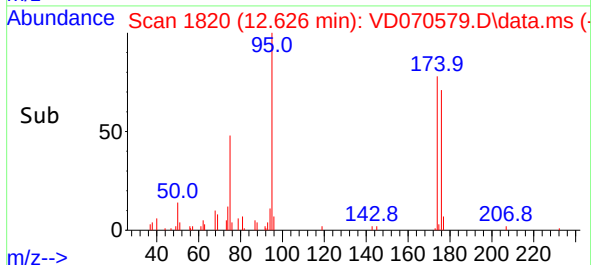
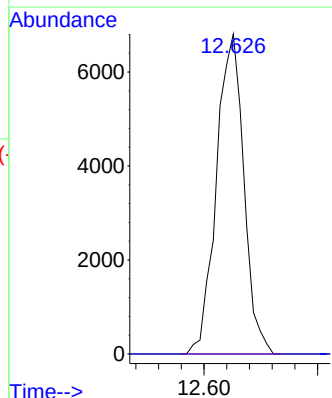
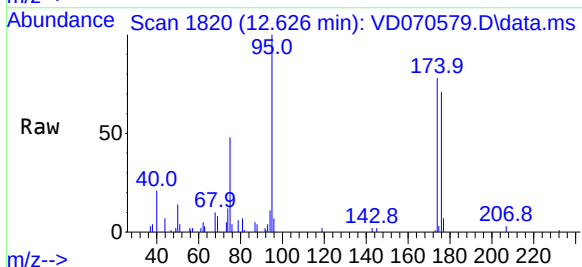
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-03-100121

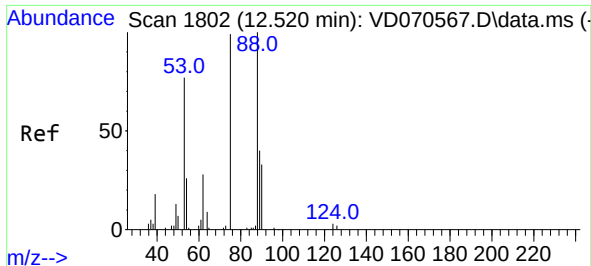
Tgt Ion:152 Resp: 24830
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.9 95.7
 150 159.2 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 50.686 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070579.D
 Acq: 05 Oct 2021 18:38

Tgt Ion: 75 Resp: 11391
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

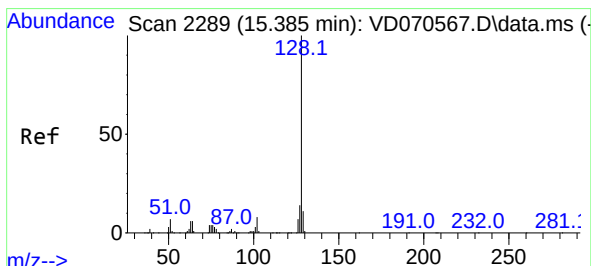
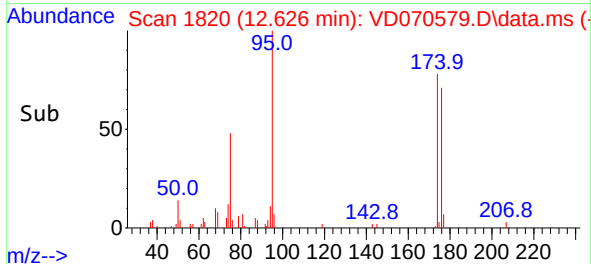
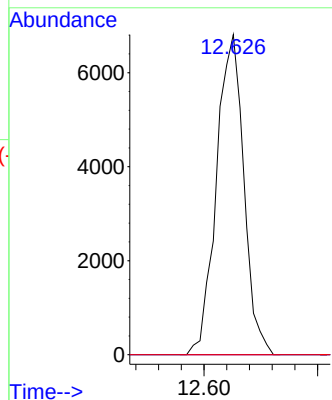
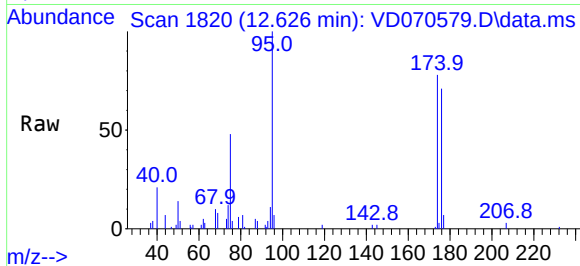




#81
trans-1,4-Dichloro-2-butene
Concen: 112.531 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD070579.D
Acq: 05 Oct 2021 18:38

Instrument :
MSVOA_D
ClientSampleId :
HR-03-100121

Tgt Ion: 75 Resp: 11391
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.808 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070579.D
Acq: 05 Oct 2021 18:38

Tgt Ion:128 Resp: 264
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

