

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070327.D
 Acq On : 13 Sep 2021 15:29
 Operator : VA/SY
 Sample : M3718-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-091021

Quant Time: Sep 14 00:53:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

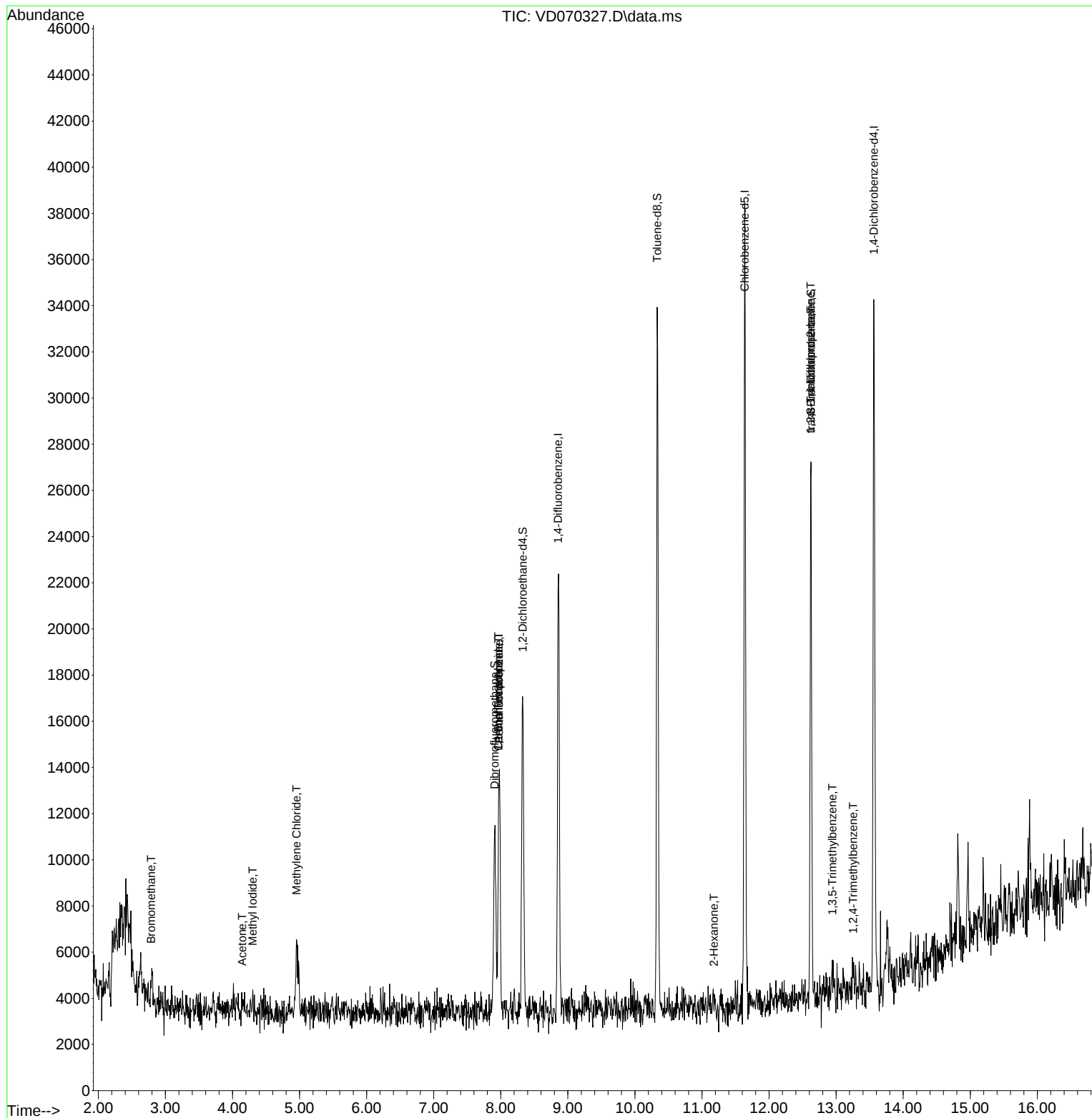
Internal Standards						
1) Pentafluorobenzene	7.973	168	8464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	17611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	18980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10749	98.905	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 197.820%#			
35) Dibromofluoromethane	7.908	113	6461	51.541	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.080%			
50) Toluene-d8	10.332	98	21199	46.577	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.160%			
62) 4-Bromofluorobenzene	12.626	95	7975	50.136	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.280%			
Target Compounds			Qvalue			
5) Bromomethane	2.785	94	978	7.689	ug/l #	70
10) Methyl Iodide	4.303	142	275	3.600	ug/l #	39
16) Acetone	4.144	43	341	17.574	ug/l #	36
20) Methylene Chloride	4.956	84	2255	13.322	ug/l #	86
36) 1,1-Dichloropropene	7.967	75	896	4.760	ug/l #	41
38) Carbon Tetrachloride	7.967	117	633	3.400	ug/l #	12
59) 2-Hexanone	11.179	43	63	1.402	ug/l #	20
76) 1,2,3-Trichloropropane	12.620	75	4240	50.460	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.943	105	910	1.810	ug/l	67
81) trans-1,4-Dichloro-2-b...	12.620	75	4240	126.433	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.255	105	866	1.749	ug/l	91

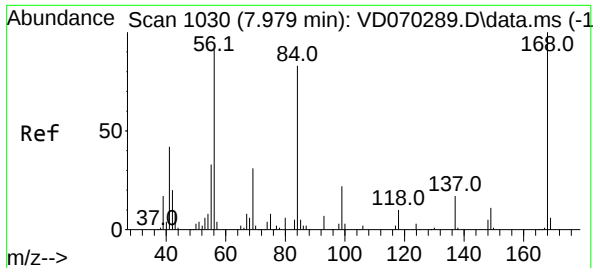
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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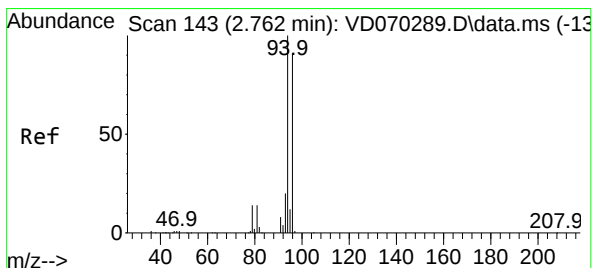
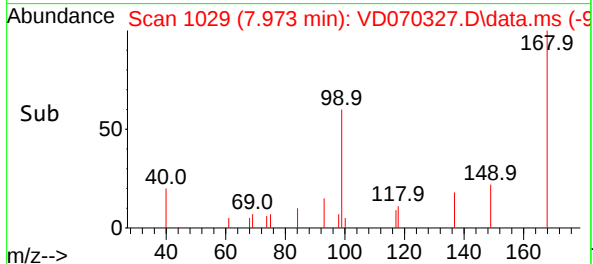
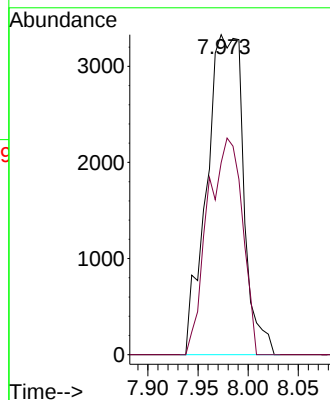
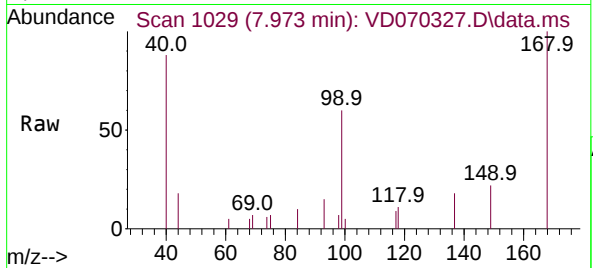




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

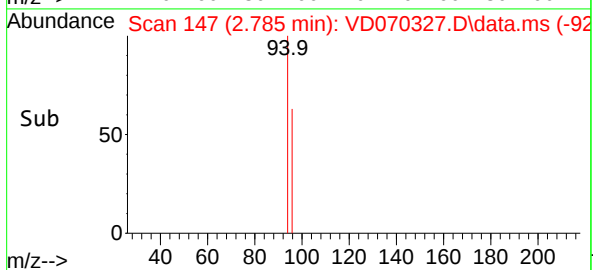
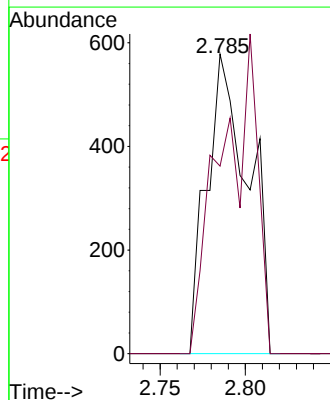
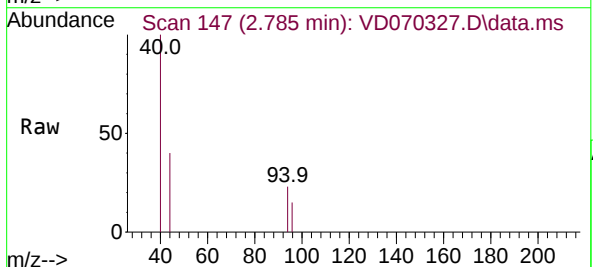
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021

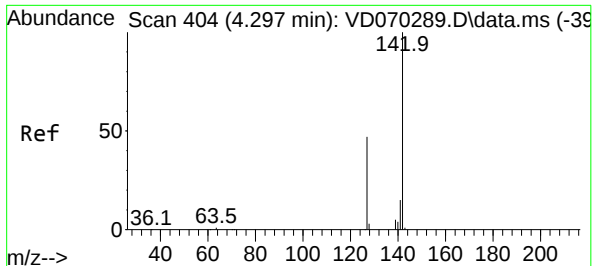
Tgt Ion:168 Resp: 8464
Ion Ratio Lower Upper
168 100
99 60.0 50.8 76.2



#5
Bromomethane
Concen: 7.689 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Tgt Ion: 94 Resp: 978
Ion Ratio Lower Upper
94 100
96 62.6 73.0 109.6#

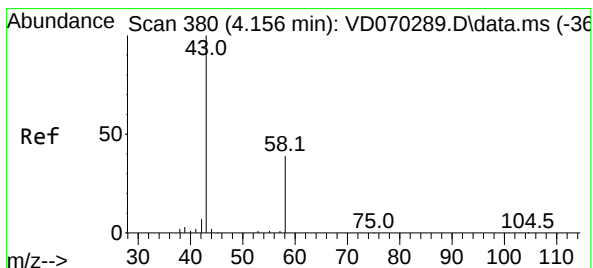
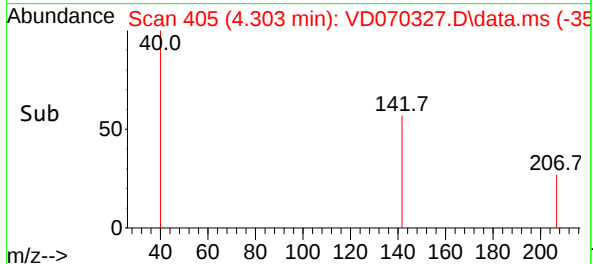
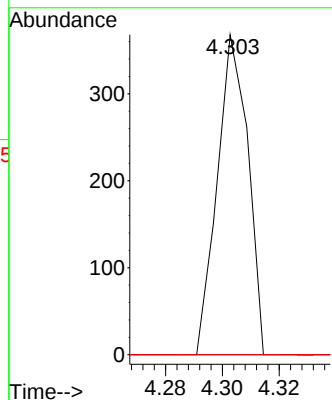
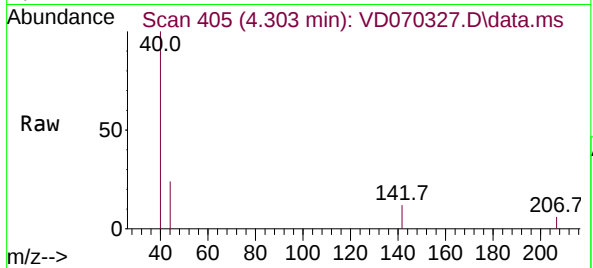




#10
Methyl Iodide
Concen: 3.600 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

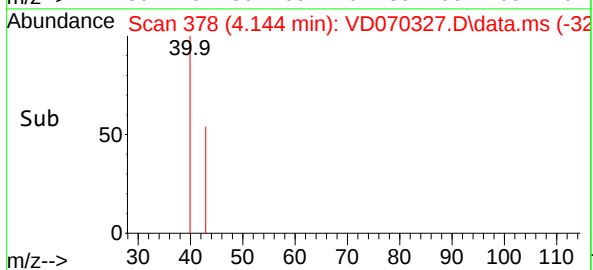
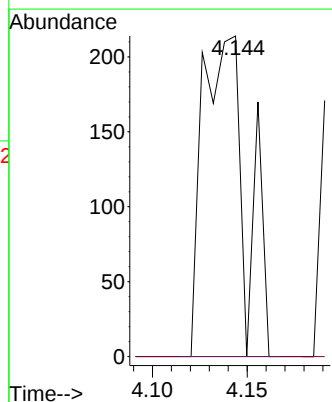
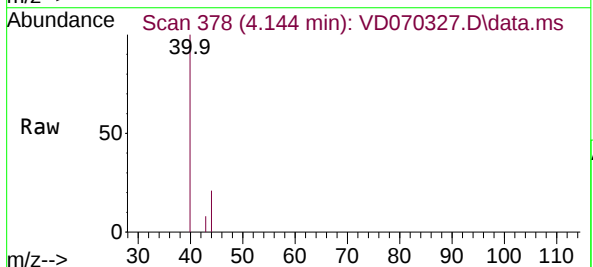
Instrument :
MSVOA_D
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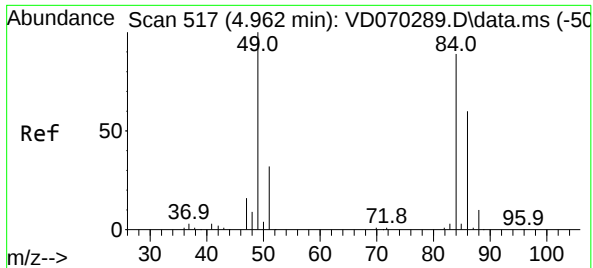
Tgt Ion:142 Resp: 275
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#



#16
Acetone
Concen: 17.574 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Tgt Ion: 43 Resp: 341
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#

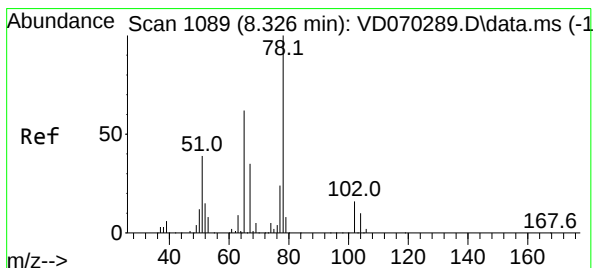
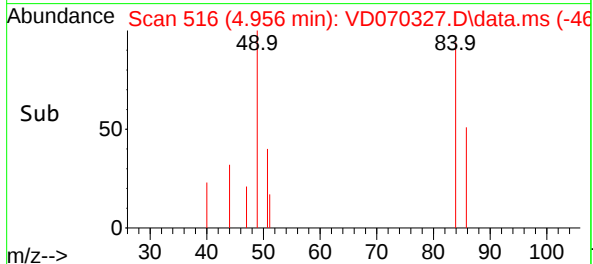
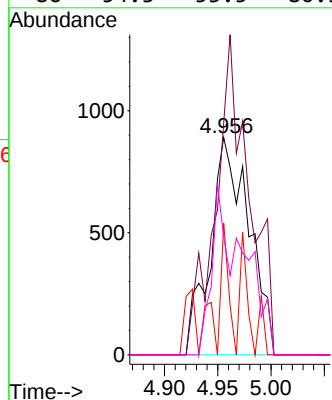
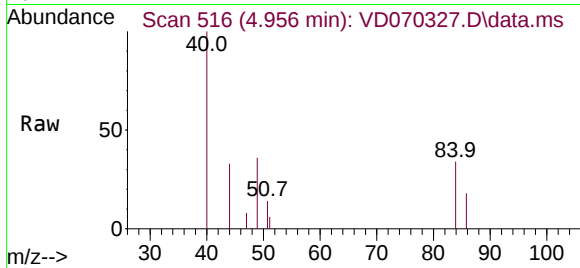




#20
Methylene Chloride
Concen: 13.322 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

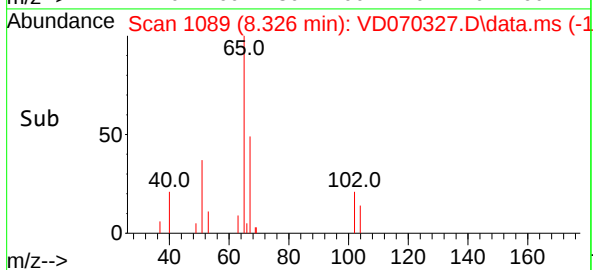
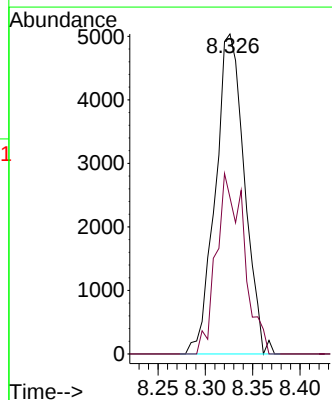
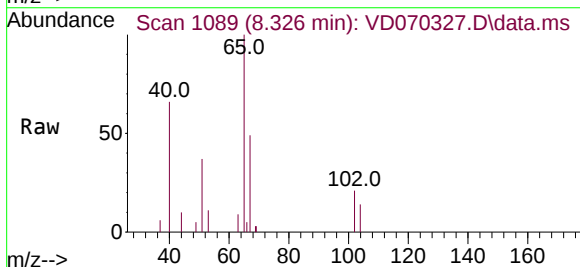
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021

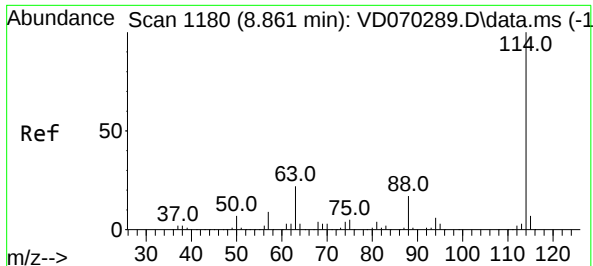
Tgt Ion:	84	Resp:	2255
Ion	Ratio	Lower	Upper
84	100		
49	106.9	89.6	134.4
51	60.6	28.6	43.0#
86	54.3	53.5	80.3



#33
1,2-Dichloroethane-d4
Concen: 98.905 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Tgt Ion:	65	Resp:	10749
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	111.4

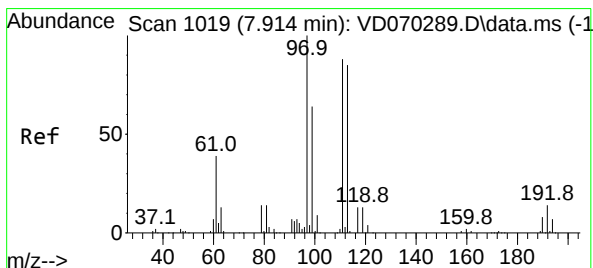
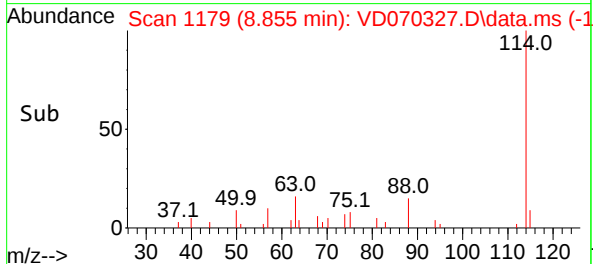
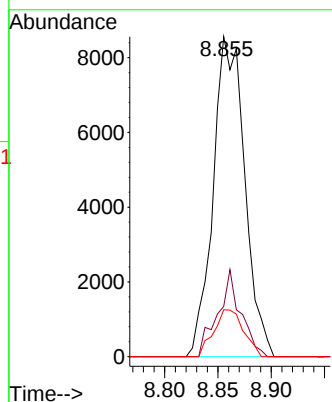
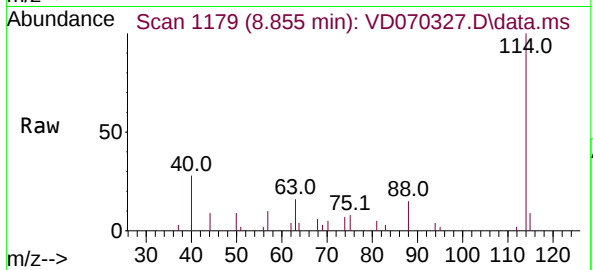




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

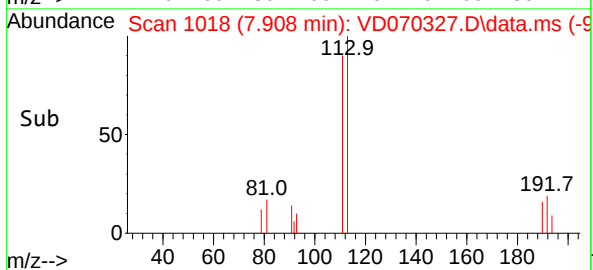
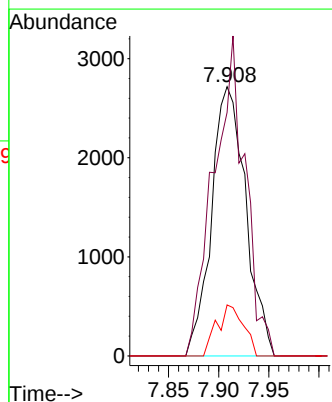
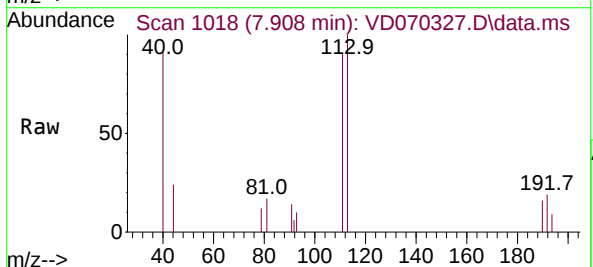
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021

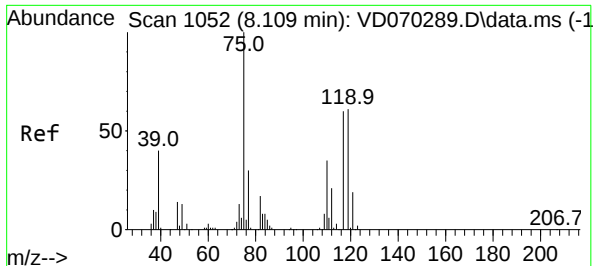
Tgt Ion:	114	Resp:	17611
Ion Ratio	Lower	Upper	
114	100		
63	15.7	0.0	43.4
88	14.7	0.0	33.4



#35
Dibromofluoromethane
Concen: 51.541 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Tgt Ion:	113	Resp:	6461
Ion Ratio	Lower	Upper	
113	100		
111	109.4	81.4	122.2
192	14.7	13.0	19.6





#36

1,1-Dichloropropene

Concen: 4.760 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD070327.D

Acq: 13 Sep 2021 15:29

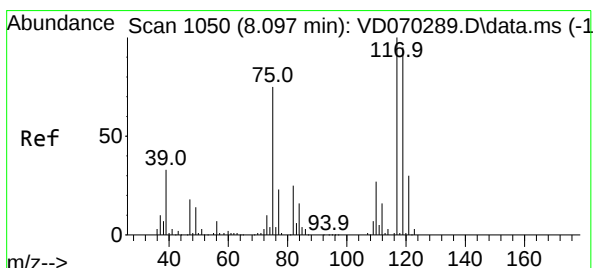
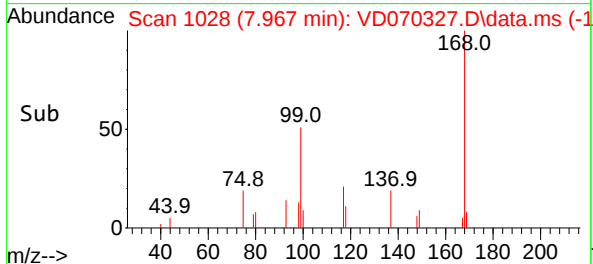
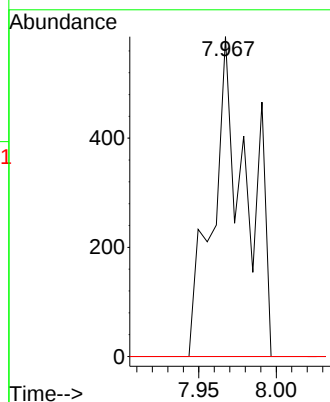
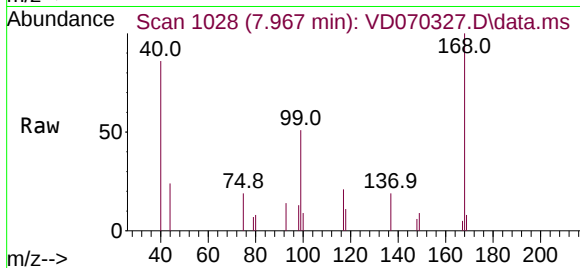
Instrument :

MSVOA_D

ClientSampleId :

OR-03-091021

Tgt Ion: 75	Resp:	896
Ion Ratio	Lower	Upper
75	100	
110	0.0	17.9
77	0.0	25.3



#38

Carbon Tetrachloride

Concen: 3.400 ug/l

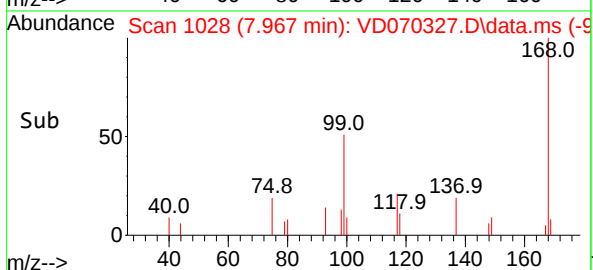
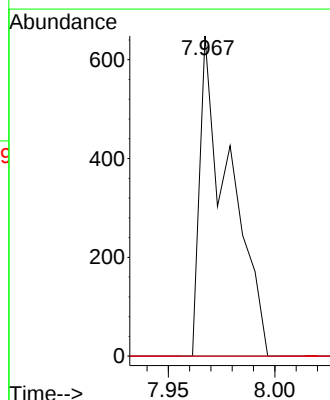
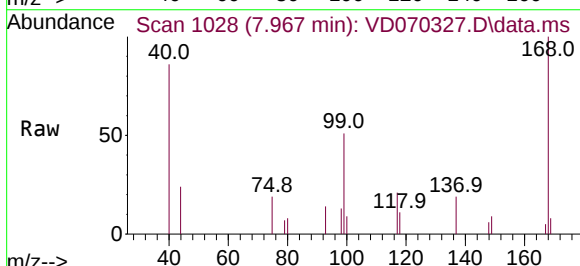
RT: 7.967 min Scan# 1028

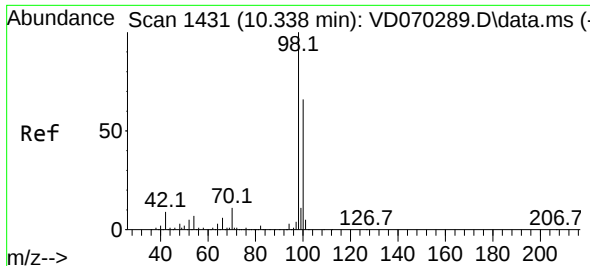
Delta R.T. -0.130 min

Lab File: VD070327.D

Acq: 13 Sep 2021 15:29

Tgt Ion: 117	Resp:	633
Ion Ratio	Lower	Upper
117	100	
119	0.0	76.1
121	0.0	23.8

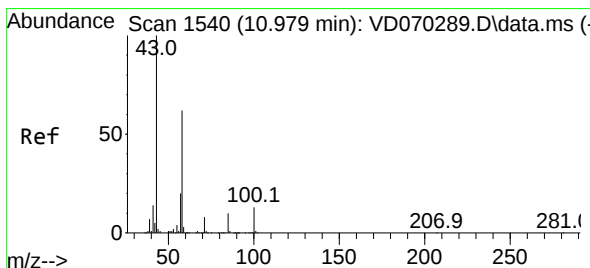
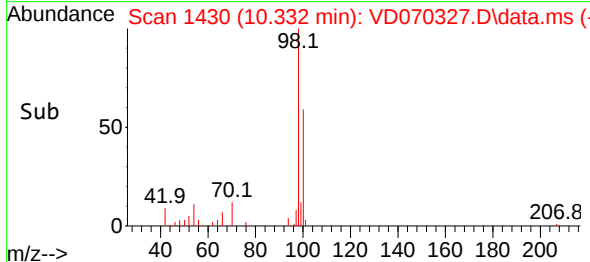
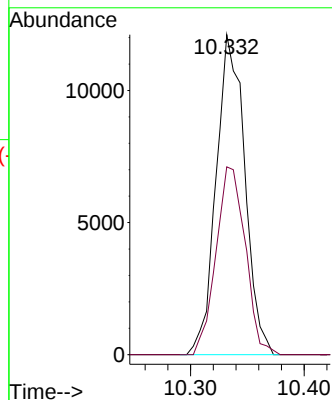
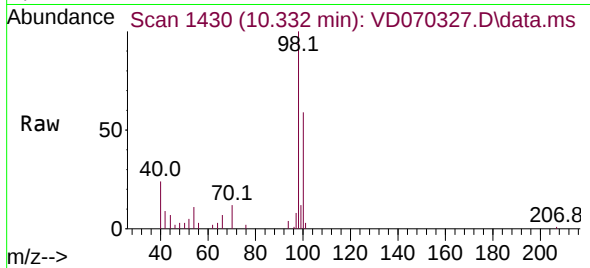




#50
Toluene-d8
Concen: 46.577 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

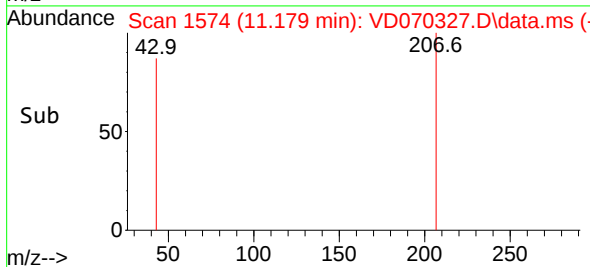
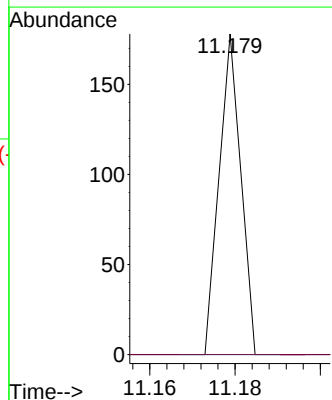
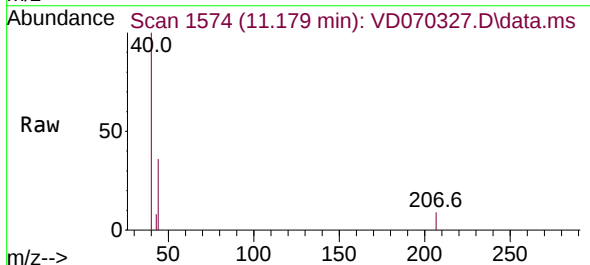
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OR-03-091021

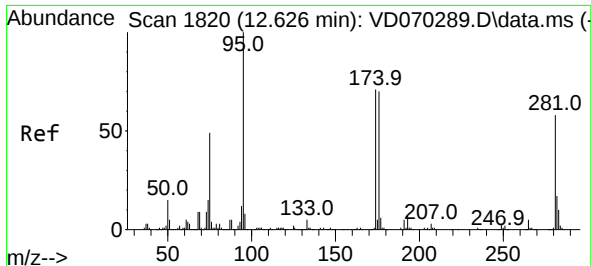
Tgt Ion: 98 Resp: 21199
Ion Ratio Lower Upper
98 100
100 60.2 52.0 78.0



#59
2-Hexanone
Concen: 1.402 ug/l
RT: 11.179 min Scan# 1574
Delta R.T. 0.200 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
58 0.0 30.6 91.6#

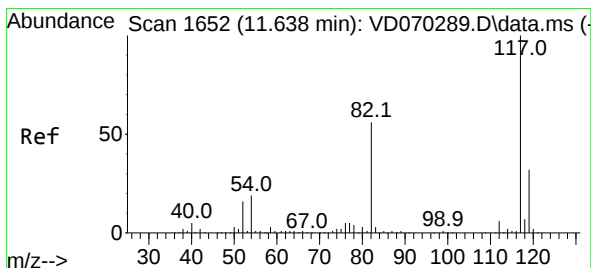
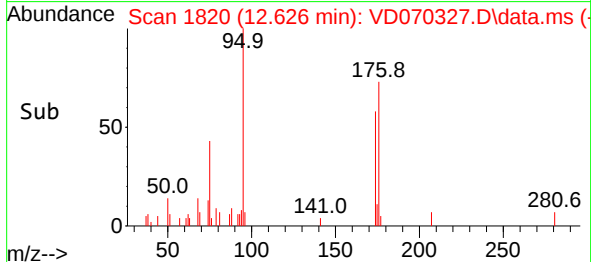
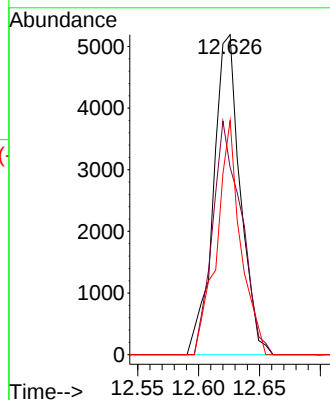
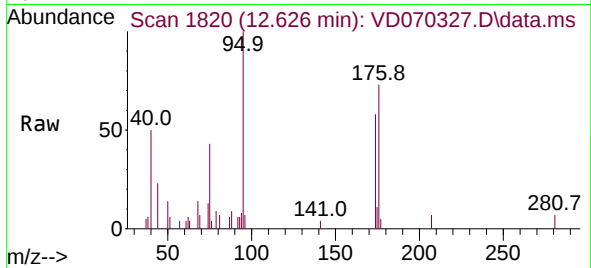




#62
4-Bromofluorobenzene
Concen: 50.136 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

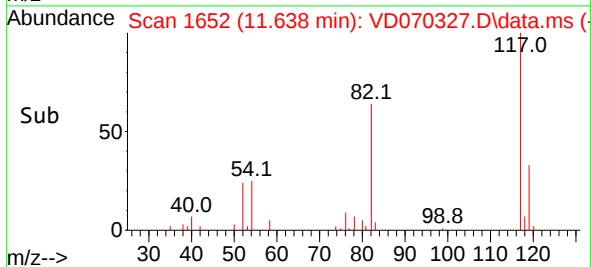
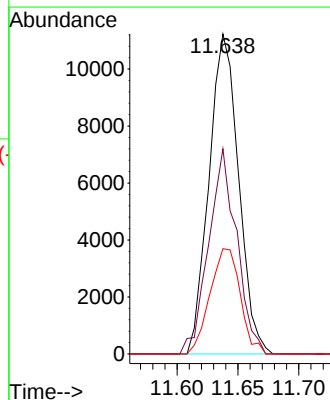
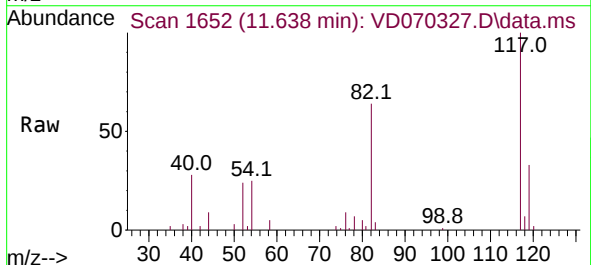
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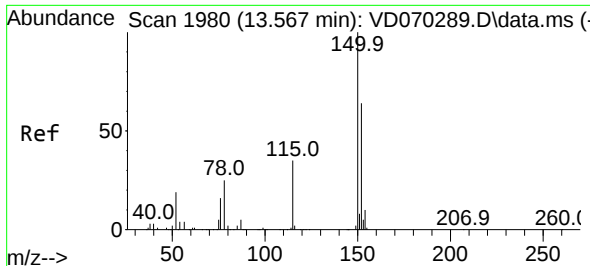
Tgt Ion: 95 Resp: 7975
Ion Ratio Lower Upper
95 100
174 78.2 0.0 140.6
176 65.0 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Tgt Ion: 117 Resp: 18980
Ion Ratio Lower Upper
117 100
82 64.1 45.0 67.4
119 32.9 25.2 37.8

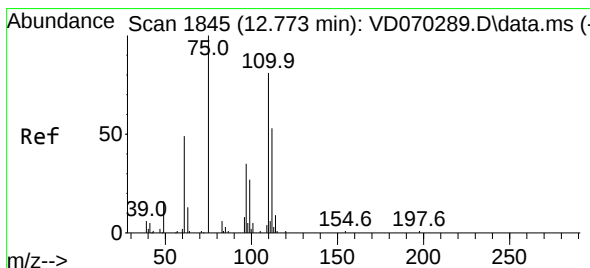
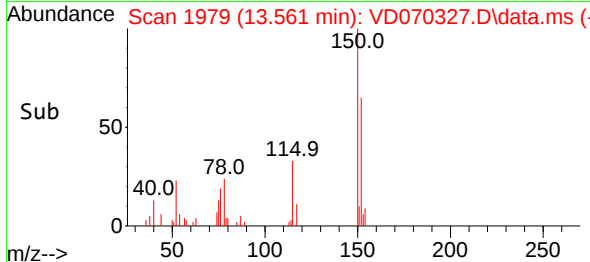
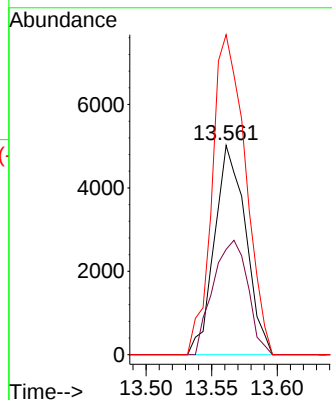
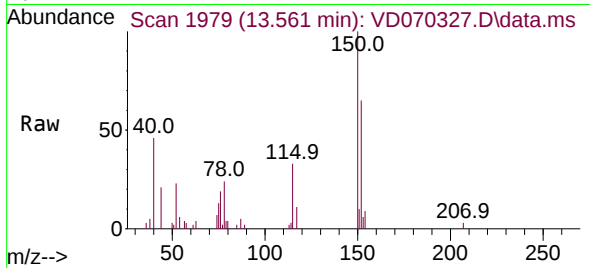




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070327.D
 Acq: 13 Sep 2021 15:29

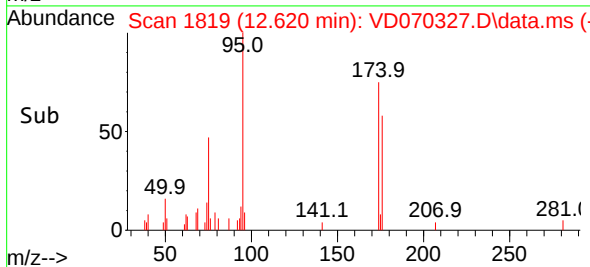
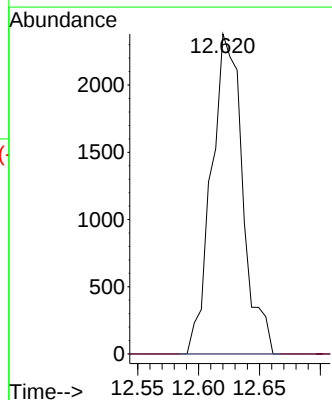
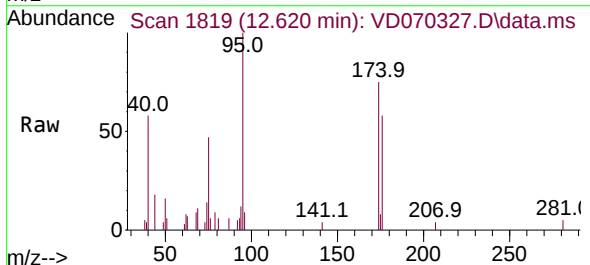
Instrument :
 MSVOA_D
 ClientSampleID :
 OR-03-091021

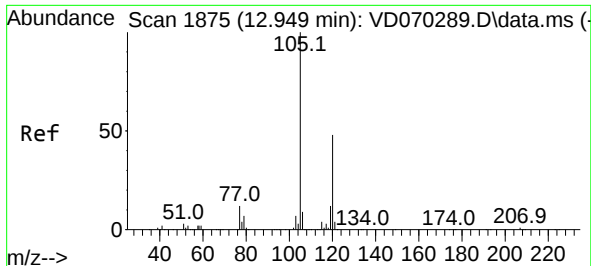
Tgt Ion:	152	Resp:	8307
Ion Ratio	Lower	Upper	
152	100		
115	60.9	32.1	96.3
150	163.3	0.0	350.6



#76
 1,2,3-Trichloropropane
 Concen: 50.460 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD070327.D
 Acq: 13 Sep 2021 15:29

Tgt Ion:	75	Resp:	4240
Ion Ratio	Lower	Upper	
75	100		
77	0.0	174.9	524.7#

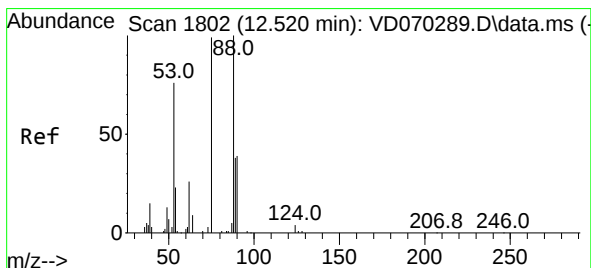
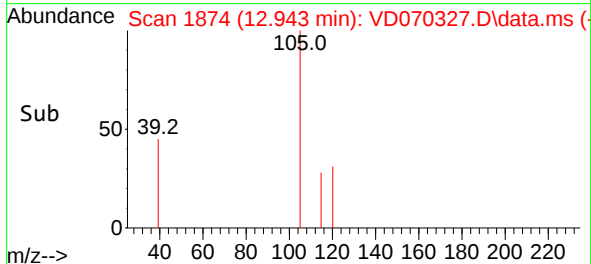
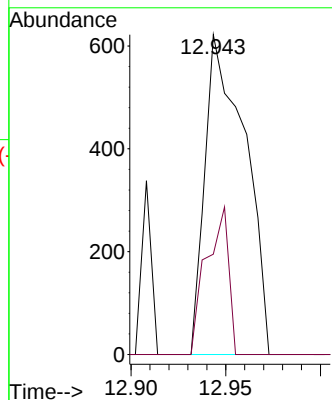
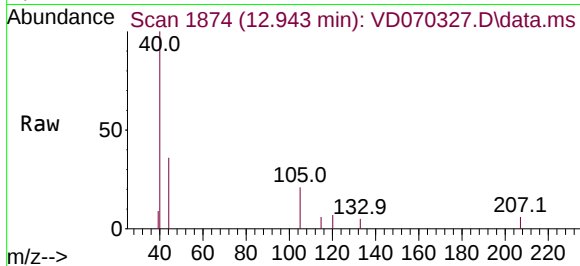




#80
1,3,5-Trimethylbenzene
Concen: 1.810 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

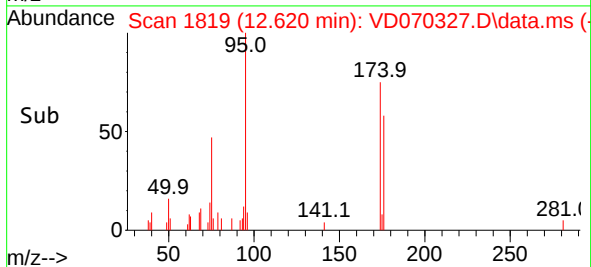
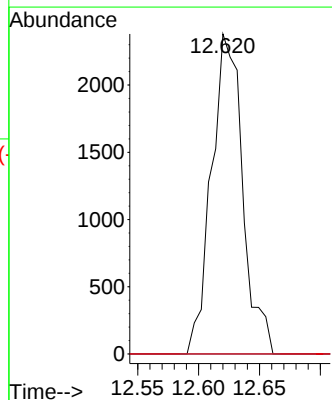
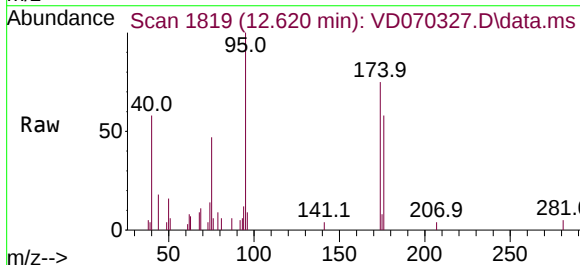
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021

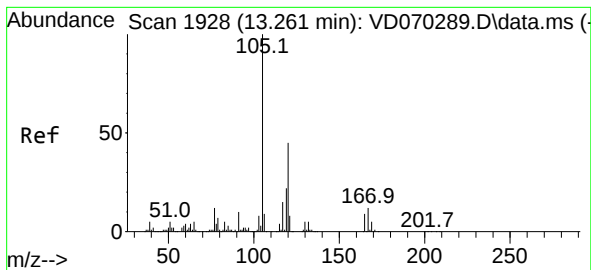
Tgt Ion:105 Resp: 910
Ion Ratio Lower Upper
105 100
120 25.8 24.1 72.2



#81
trans-1,4-Dichloro-2-butene
Concen: 126.433 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Tgt Ion: 75 Resp: 4240
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#





#84
 1,2,4-Trimethylbenzene
 Concen: 1.749 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: VD070327.D
 Acq: 13 Sep 2021 15:29

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-091021

Tgt Ion:105 Resp: 866
 Ion Ratio Lower Upper
 105 100
 120 38.8 22.3 66.8

