

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070258.D
 Acq On : 25 Aug 2021 18:32
 Operator : VA/SY
 Sample : M3540-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-2-082521

Quant Time: Aug 26 02:46:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

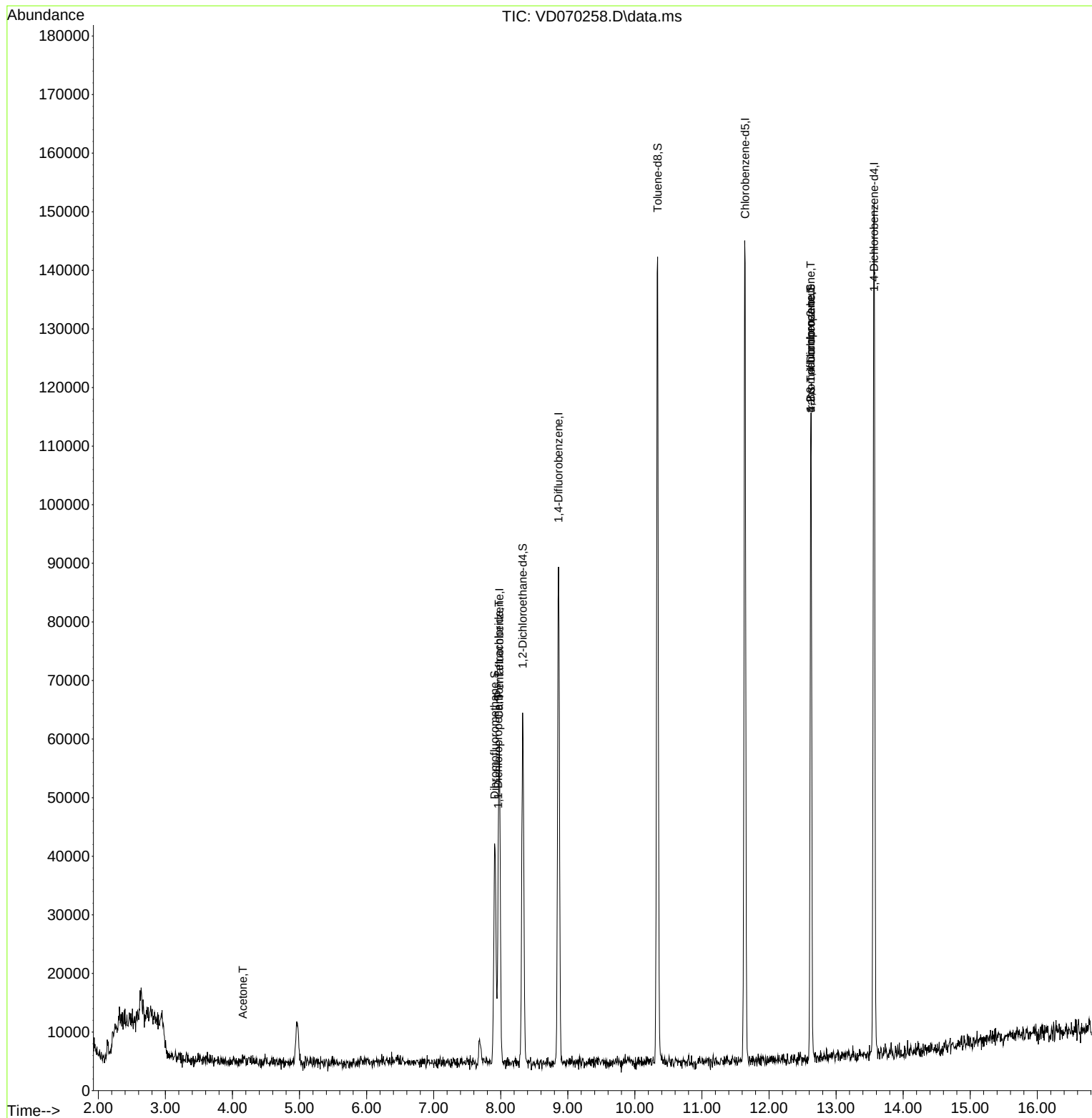
Internal Standards						
1) Pentafluorobenzene	7.979	168	38998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	71955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	83221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	41827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	46124	100.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 201.120%#	
35) Dibromofluoromethane	7.909	113	27100	58.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.600%	
50) Toluene-d8	10.338	98	95361	52.741	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.480%	
62) 4-Bromofluorobenzene	12.620	95	36053	60.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.080%	
Target Compounds						Qvalue
3) Chloromethane	2.197	50	512	Below Cal	#	42
16) Acetone	4.156	43	1129	13.362	ug/l #	41
20) Methylene Chloride	4.956	84	3464	Below Cal	#	82
36) 1,1-Dichloropropene	7.962	75	2104	2.718	ug/l #	45
38) Carbon Tetrachloride	7.973	117	4514	6.423	ug/l #	10
76) 1,2,3-Trichloropropane	12.620	75	17572	41.425	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	17572	107.525	ug/l #	17

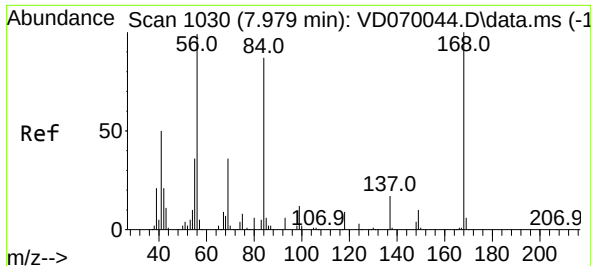
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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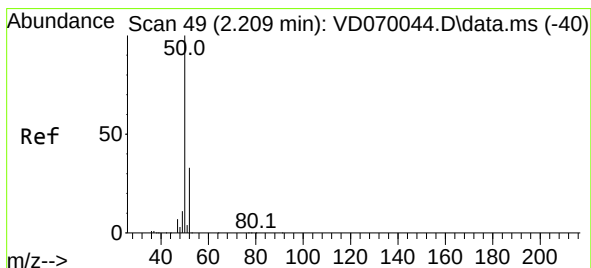
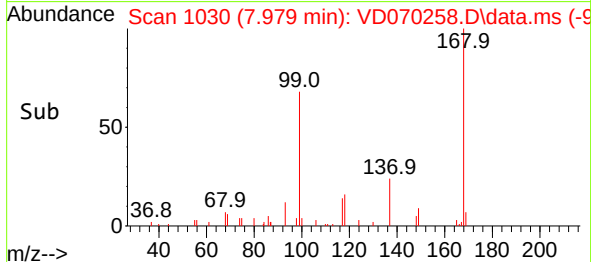
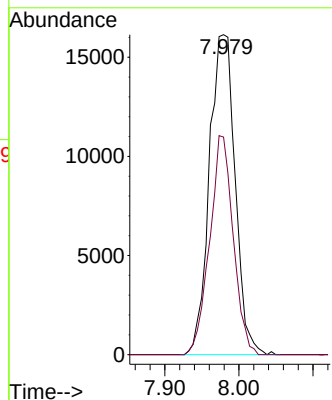
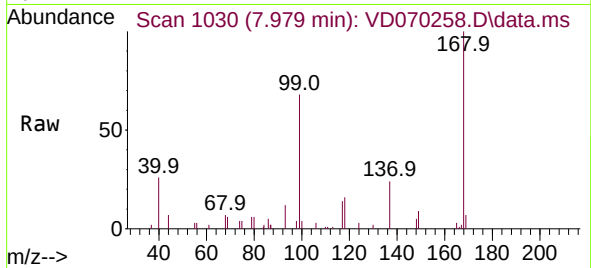




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

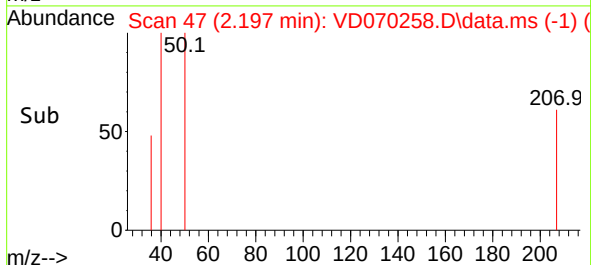
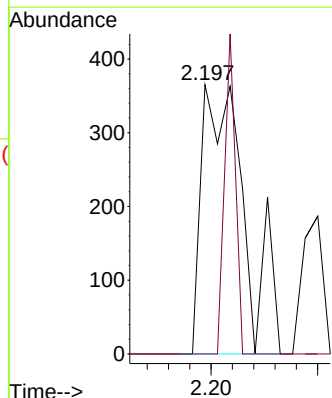
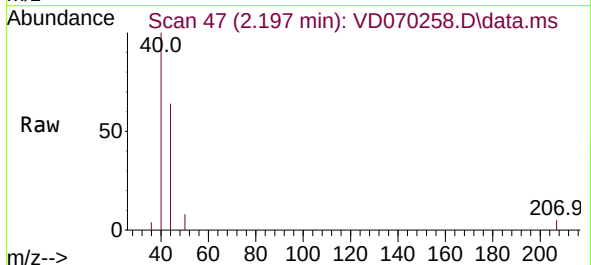
Instrument :
MSVOA_D
ClientSampleId :
OR-2-082521

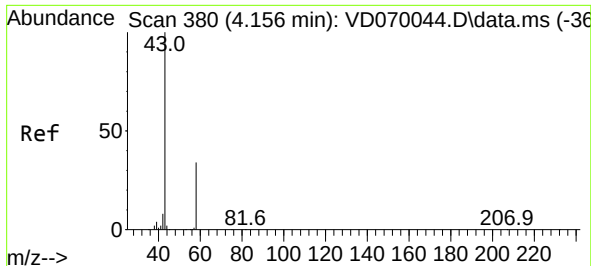
Tgt Ion:168 Resp: 38998
Ion Ratio Lower Upper
168 100
99 68.0 50.3 75.5



#3
Chloromethane
Concen: Below Cal
RT: 2.197 min Scan# 47
Delta R.T. -0.012 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

Tgt Ion: 50 Resp: 512
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

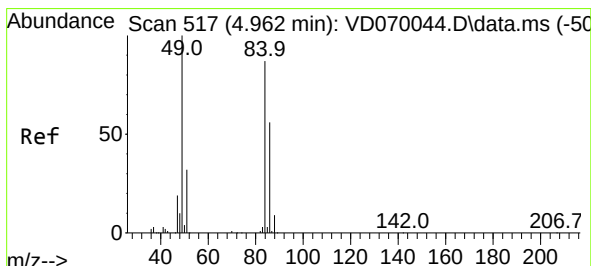
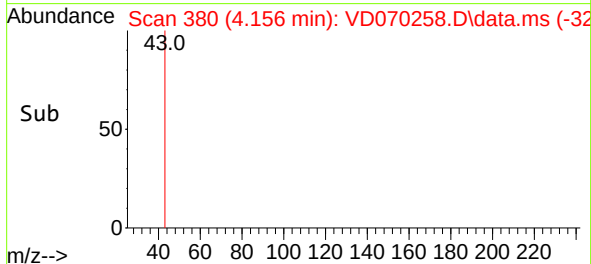
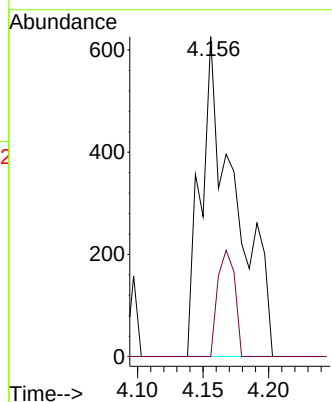
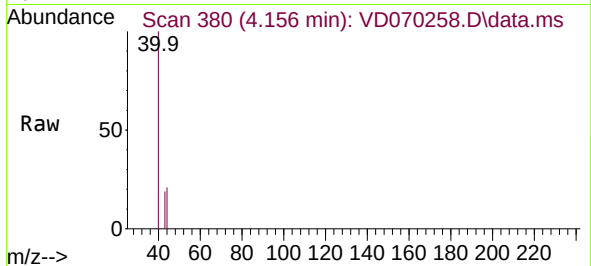




#16
Acetone
Concen: 13.362 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

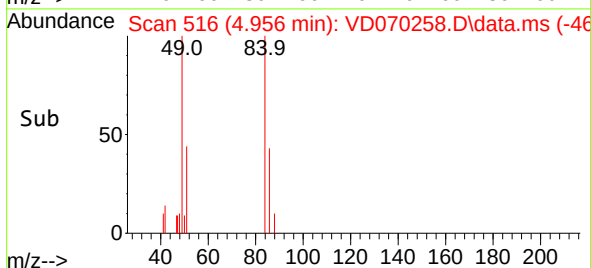
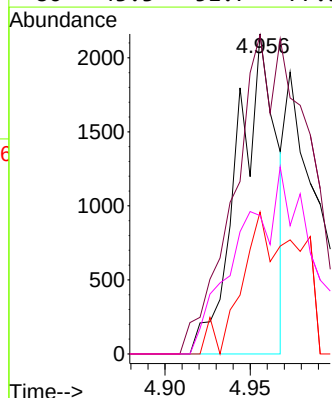
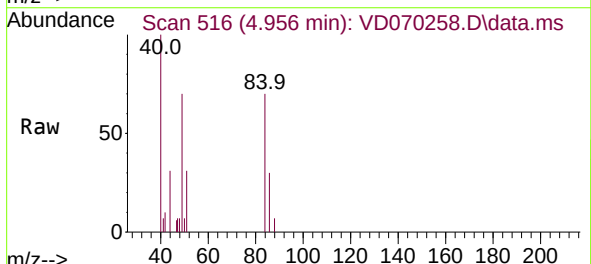
Instrument :
MSVOA_D
ClientSampleId :
OR-2-082521

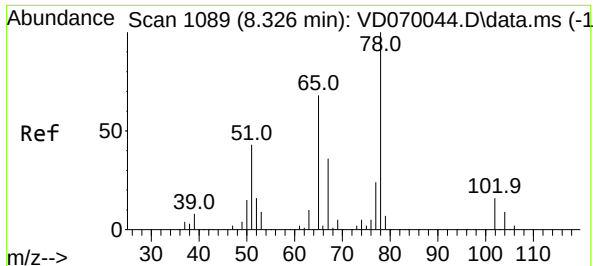
Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

Tgt Ion: 84 Resp: 3464
Ion Ratio Lower Upper
84 100
49 99.7 92.5 138.7
51 44.3 29.7 44.5
86 43.3 51.7 77.5#





#33

1,2-Dichloroethane-d4

Concen: 100.559 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070258.D

Acq: 25 Aug 2021 18:32

Tgt Ion: 65 Resp: 46124

Ion Ratio Lower Upper

65 100

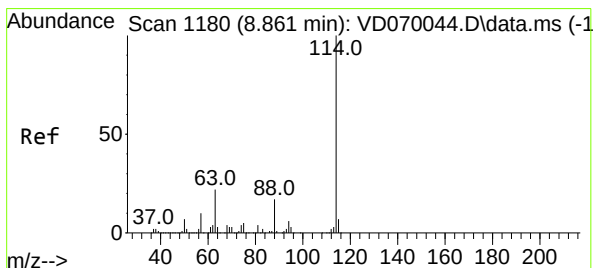
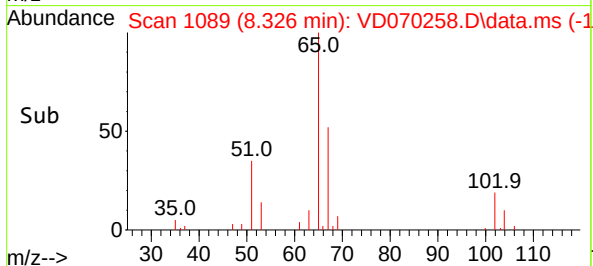
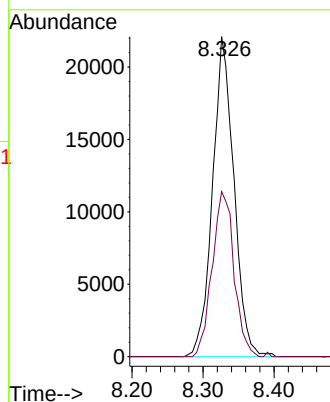
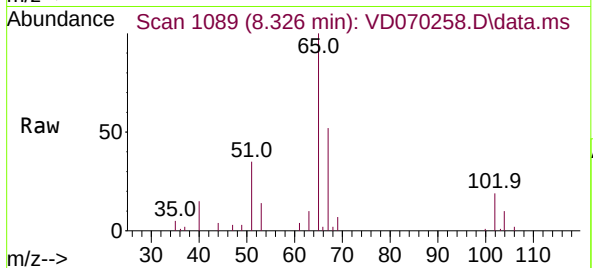
67 52.7 0.0 107.8

Instrument :

MSVOA_D

ClientSampleId :

OR-2-082521



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070258.D

Acq: 25 Aug 2021 18:32

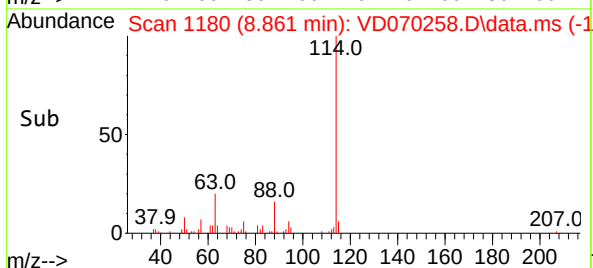
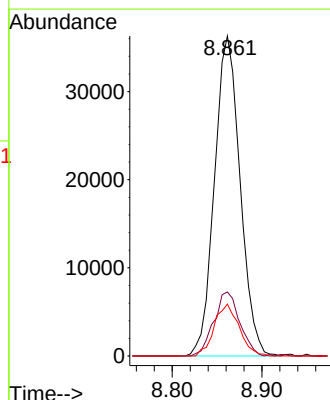
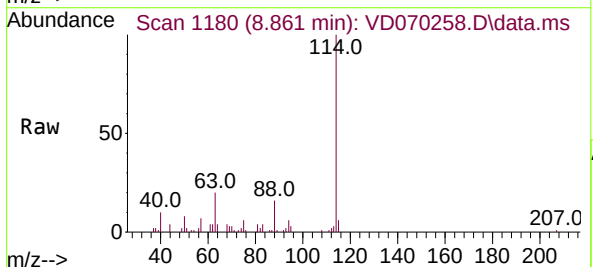
Tgt Ion:114 Resp: 71955

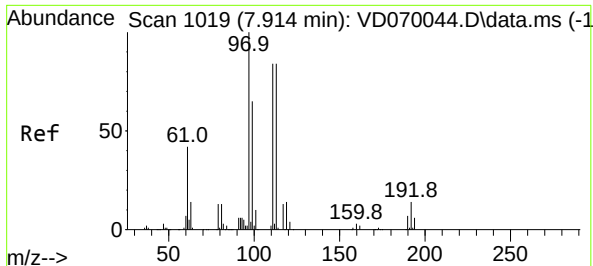
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.6

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 58.295 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070258.D

Acq: 25 Aug 2021 18:32

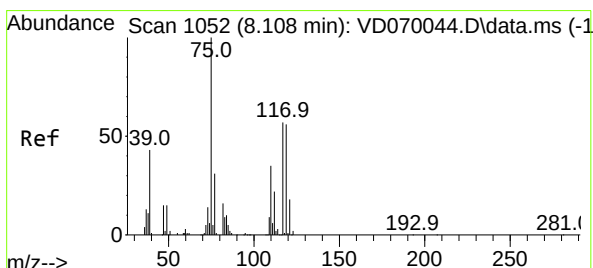
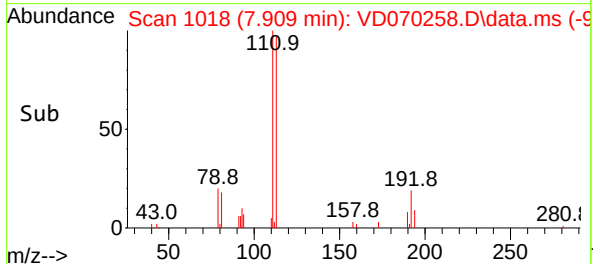
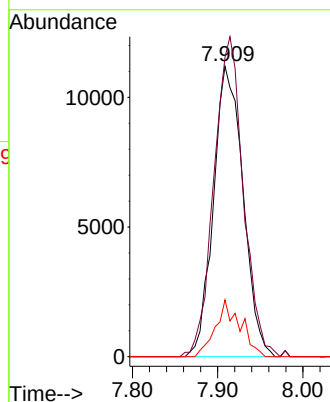
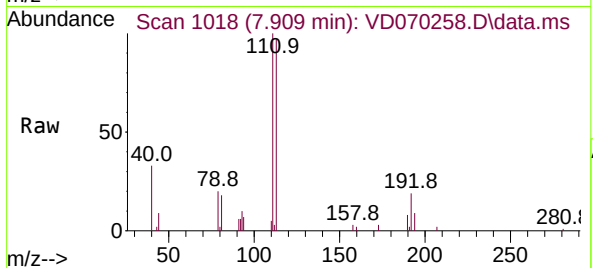
Instrument :

MSVOA_D

ClientSampleId :

OR-2-082521

Tgt Ion:	113	Resp:	27100
Ion	Ratio	Lower	Upper
113	100		
111	108.9	81.8	122.6
192	16.4	13.2	19.8



#36

1,1-Dichloropropene

Concen: 2.718 ug/l

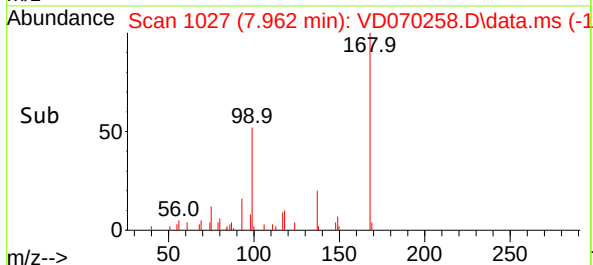
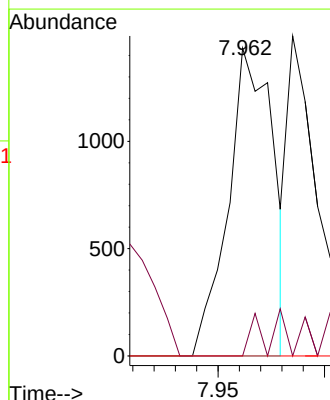
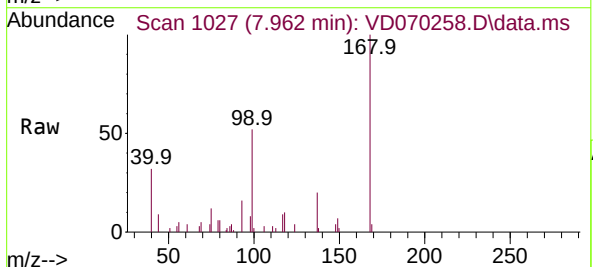
RT: 7.962 min Scan# 1027

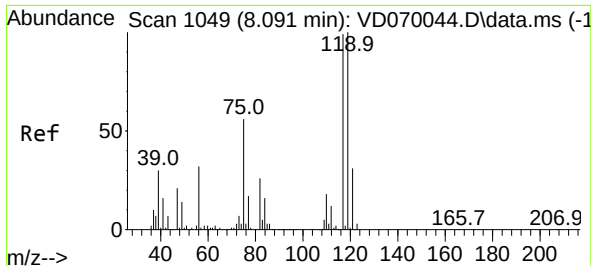
Delta R.T. -0.147 min

Lab File: VD070258.D

Acq: 25 Aug 2021 18:32

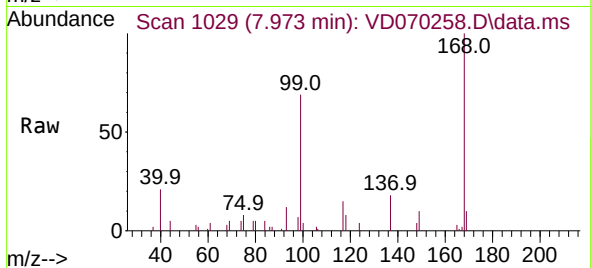
Tgt Ion:	75	Resp:	2104
Ion	Ratio	Lower	Upper
75	100		
110	3.3	16.9	50.7#
77	0.0	25.2	37.8#



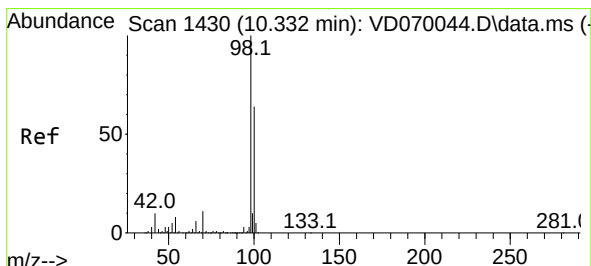
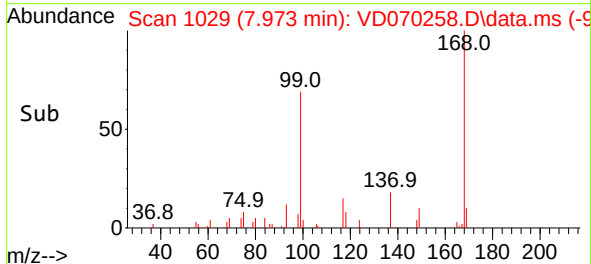
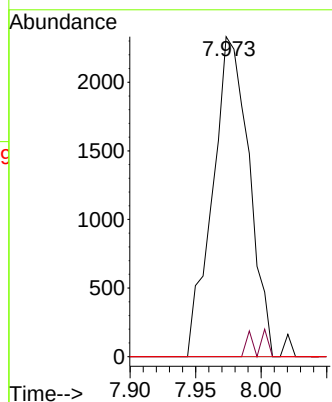


#38
Carbon Tetrachloride
Concen: 6.423 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

Instrument :
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OR-2-082521

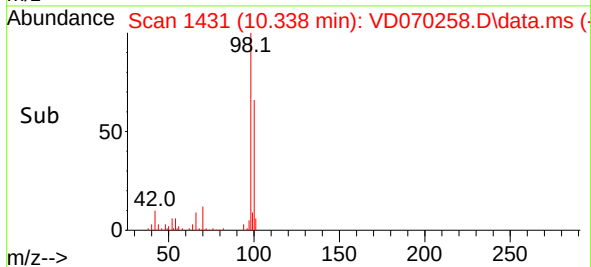
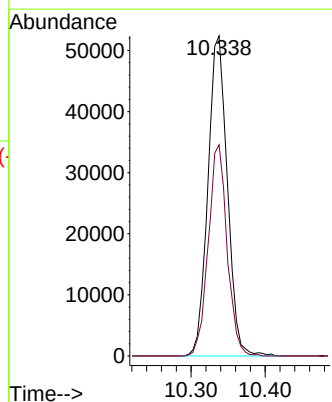
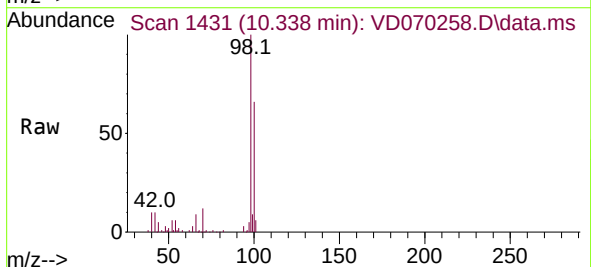


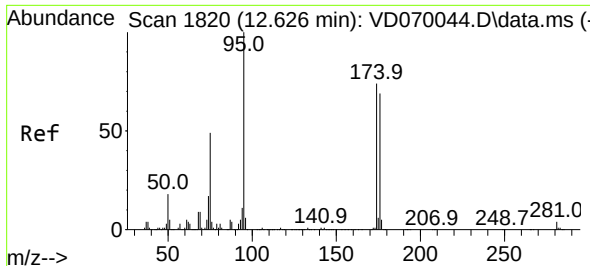
Tgt Ion:117 Resp: 4514
Ion Ratio Lower Upper
117 100
119 0.0 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.741 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

Tgt Ion: 98 Resp: 95361
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

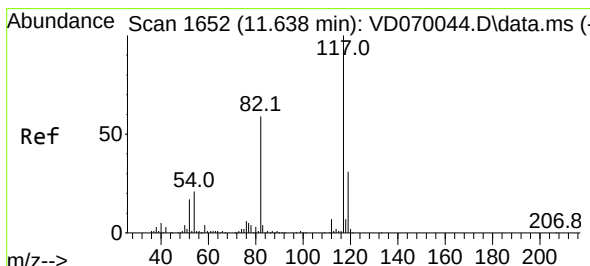
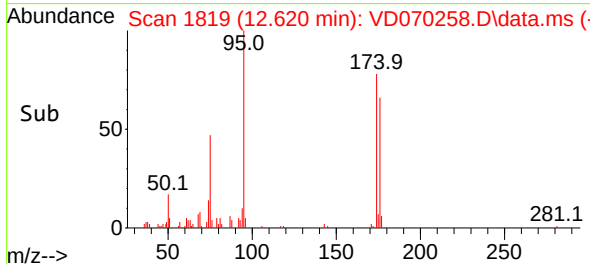
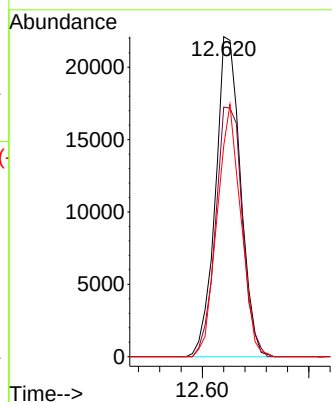
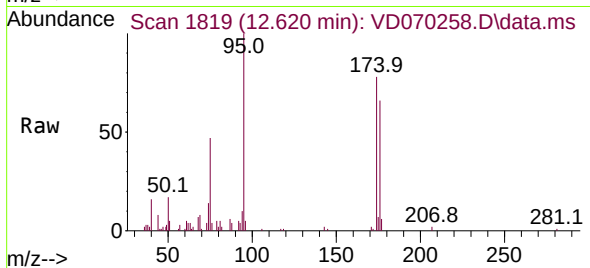




#62
4-Bromofluorobenzene
Concen: 60.538 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

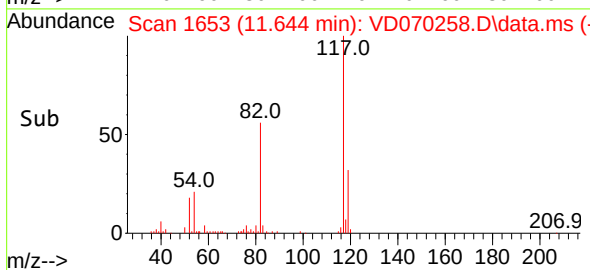
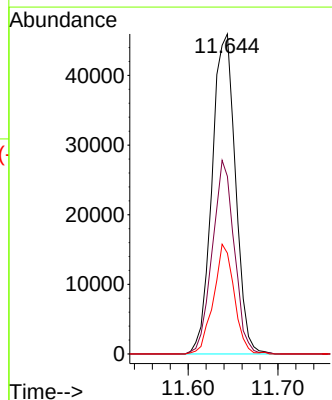
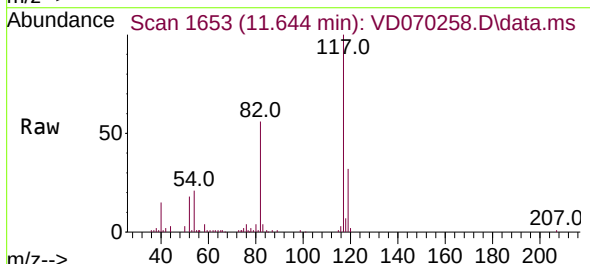
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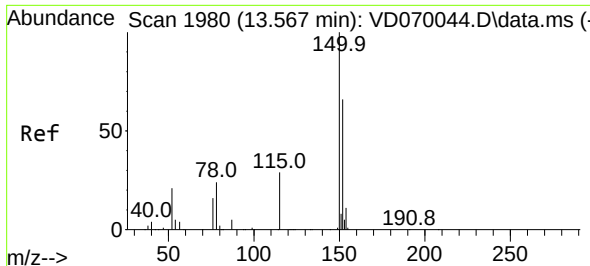
Tgt Ion:	95	Resp:	36053
Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	141.6
176	74.8	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

Tgt Ion:	117	Resp:	83221
Ion	Ratio	Lower	Upper
117	100		
82	55.5	47.5	71.3
119	31.5	25.1	37.7

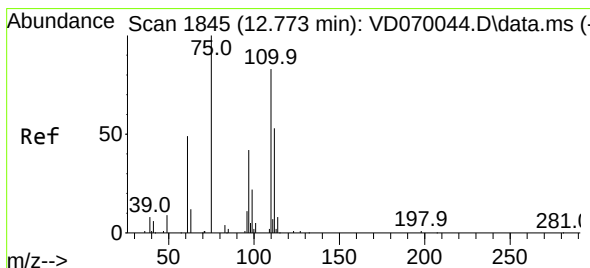
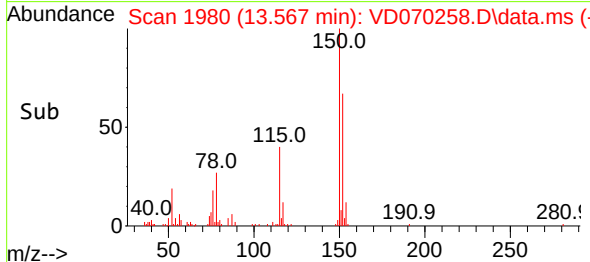
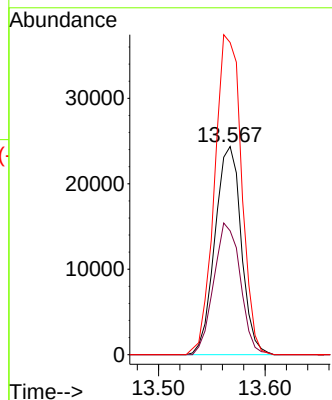
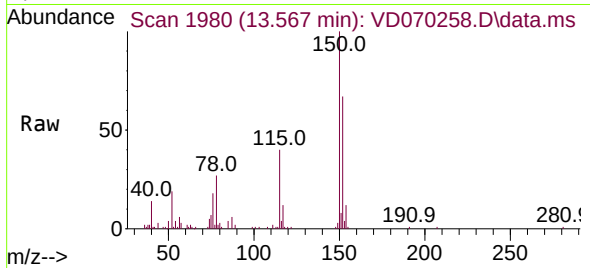




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070258.D
 Acq: 25 Aug 2021 18:32

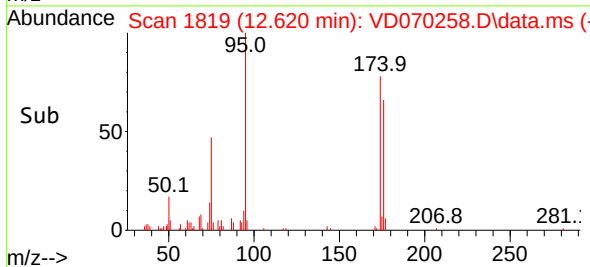
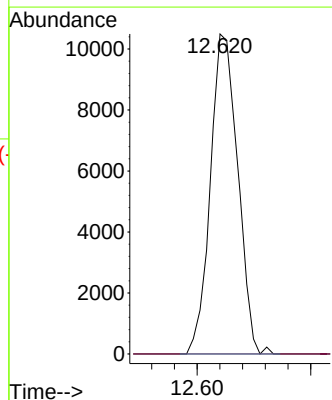
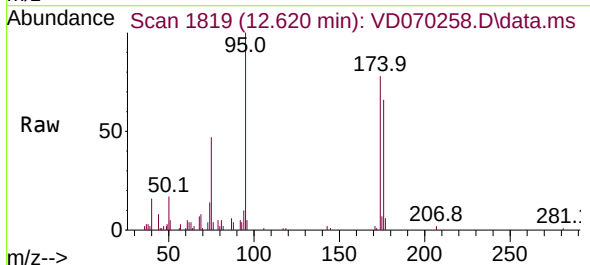
Instrument :
 MSVOA_D
 ClientSampleID :
 OR-2-082521

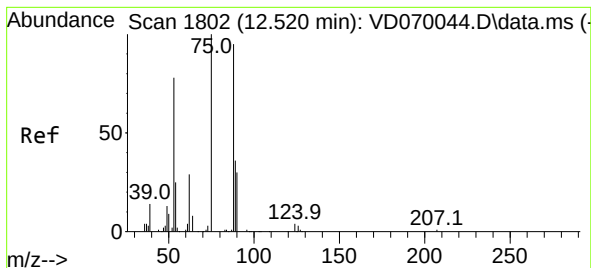
Tgt Ion:152 Resp: 41827
 Ion Ratio Lower Upper
 152 100
 115 63.8 31.2 93.6
 150 156.8 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 41.425 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD070258.D
 Acq: 25 Aug 2021 18:32

Tgt Ion: 75 Resp: 17572
 Ion Ratio Lower Upper
 75 100
 77 0.0 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.525 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.100 min
 Lab File: VD070258.D
 Acq: 25 Aug 2021 18:32

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-2-082521

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.5	96.7#
89	0.0	33.7	50.5#

