

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069736.D
 Acq On : 16 Jul 2021 20:25
 Operator : VA/SY
 Sample : M3056-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-VNJ-239

Quant Time: Jul 17 00:56:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

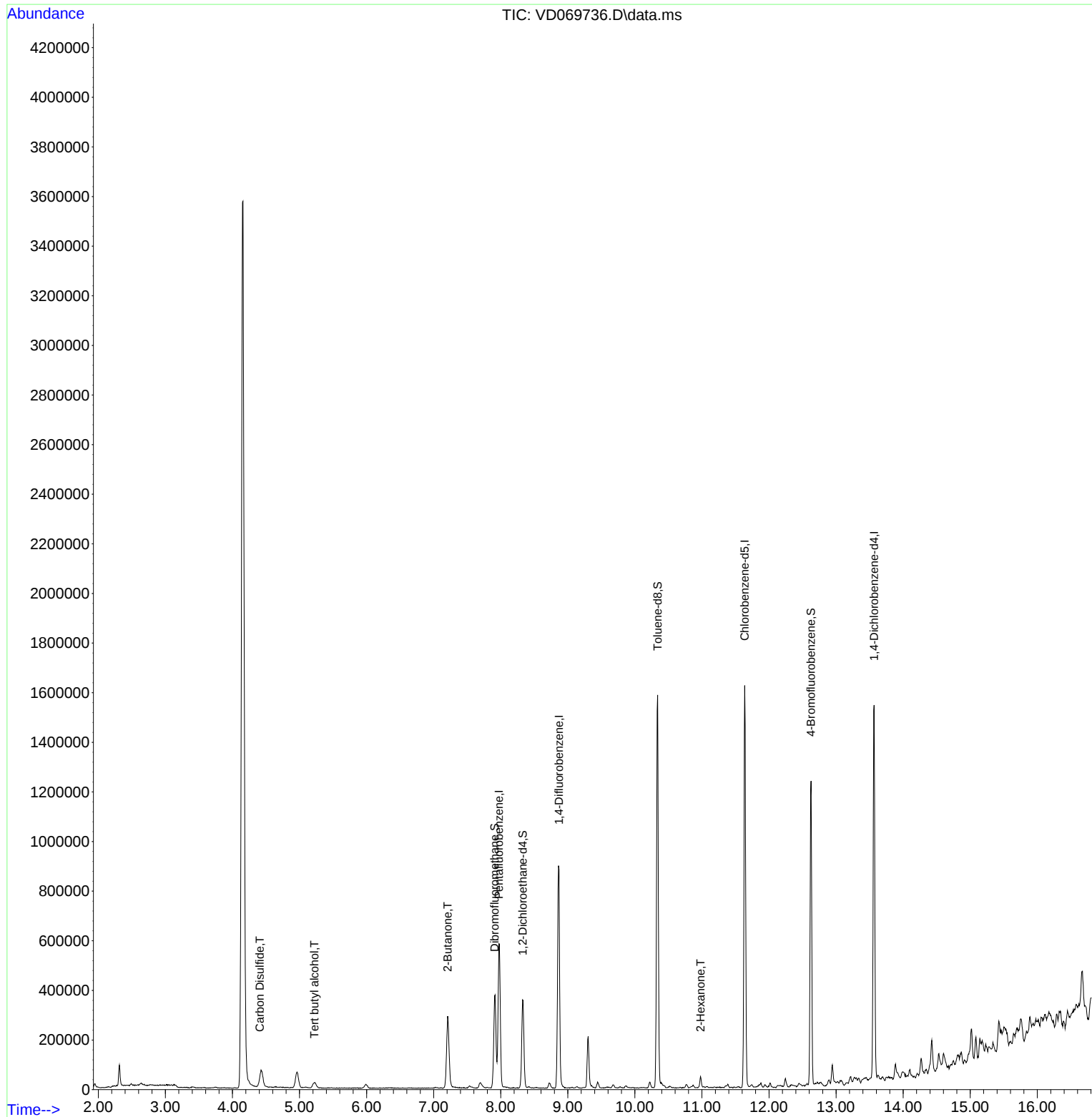
Internal Standards						
1) Pentafluorobenzene	7.973	168	405791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	780388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	948829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	404111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	283643	55.980	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.960%
35) Dibromofluoromethane	7.908	113	278652	53.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.440%
50) Toluene-d8	10.338	98	1089356	53.558	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.120%
62) 4-Bromofluorobenzene	12.626	95	437947	64.560	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	38111	56.297	ug/l #	88
16) Acetone	4.150	43	6264288	Below Cal		100
17) Carbon Disulfide	4.409	76	39463	2.940	ug/l	99
25) 2-Butanone	7.208	43	454418	379.462	ug/l	100
59) 2-Hexanone	10.979	43	29102	15.118	ug/l	83

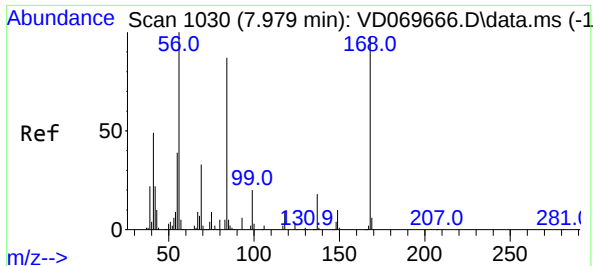
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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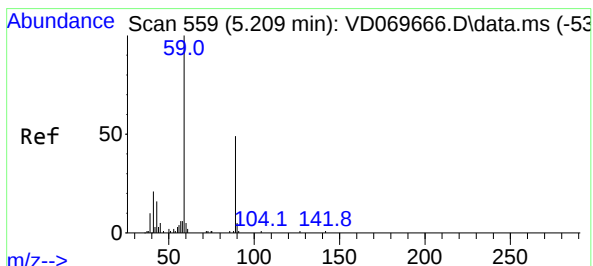
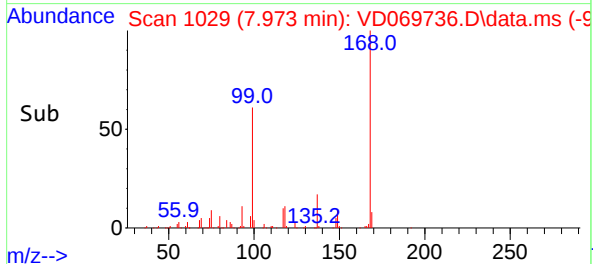
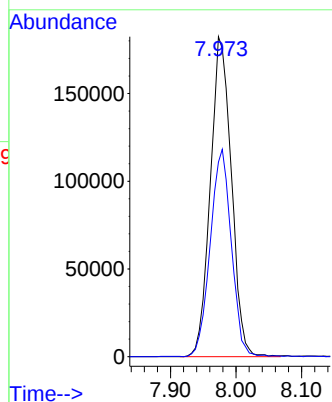
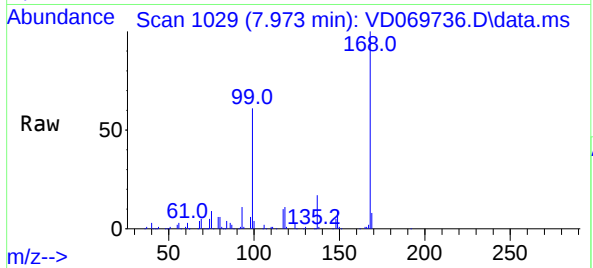




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

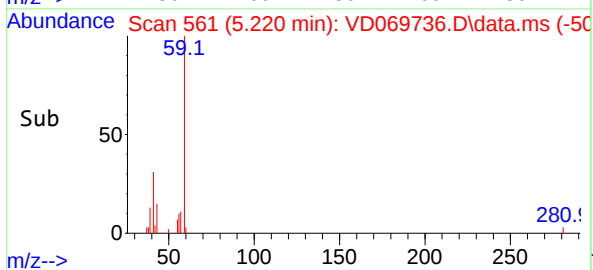
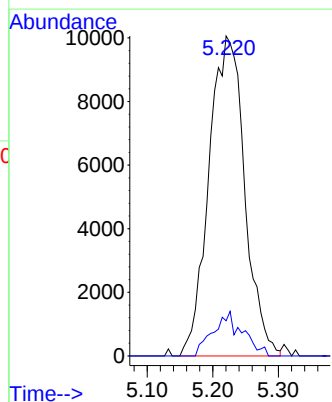
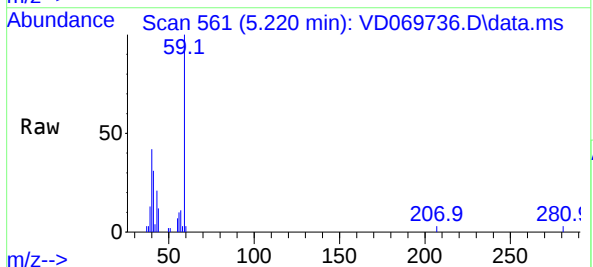
Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-239

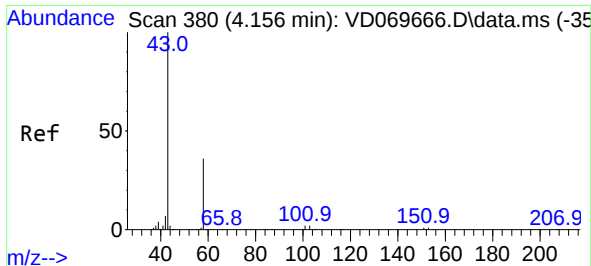
Tgt Ion:168 Resp: 405791
Ion Ratio Lower Upper
168 100
99 60.7 51.8 77.6



#11
Tert butyl alcohol
Concen: 56.297 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.011 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

Tgt Ion: 59 Resp: 38111
Ion Ratio Lower Upper
59 100
57 11.4 5.7 8.5#

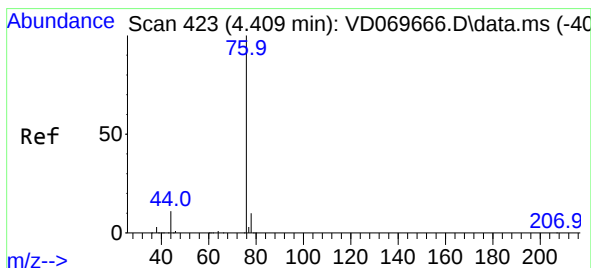
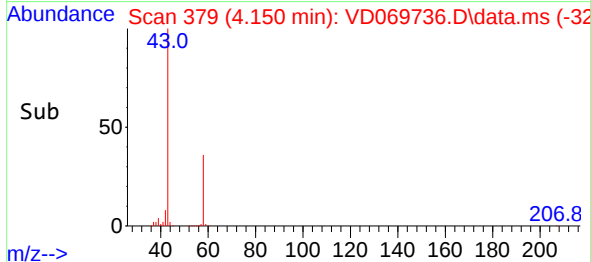
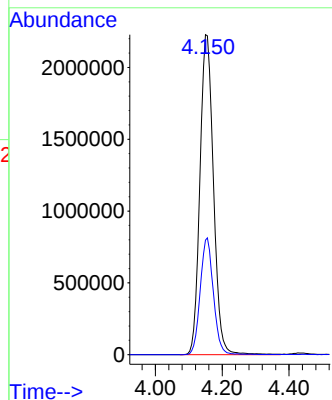
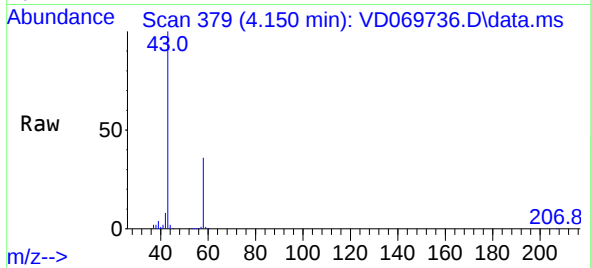




#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

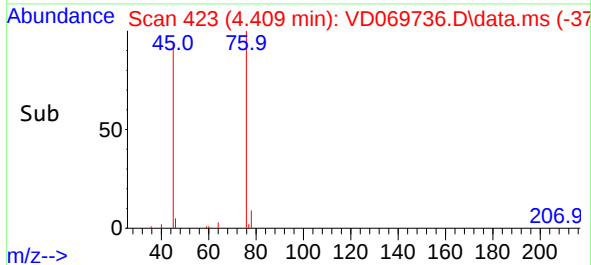
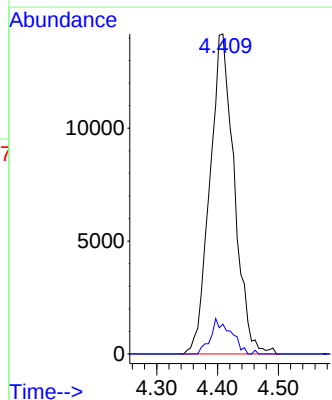
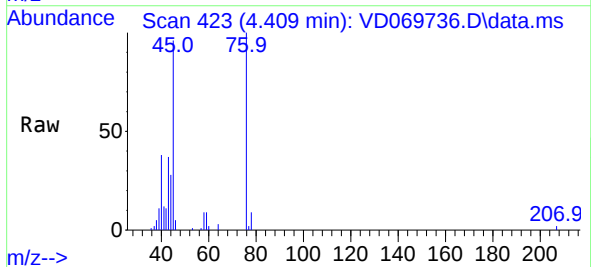
Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-239

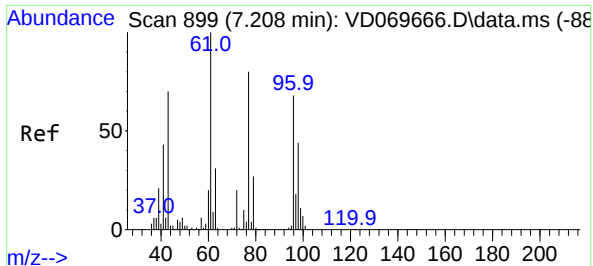
Tgt Ion: 43 Resp: 6264288
Ion Ratio Lower Upper
43 100
58 35.8 28.6 42.8



#17
Carbon Disulfide
Concen: 2.940 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

Tgt Ion: 76 Resp: 39463
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

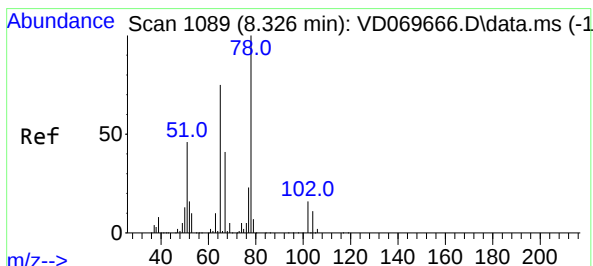
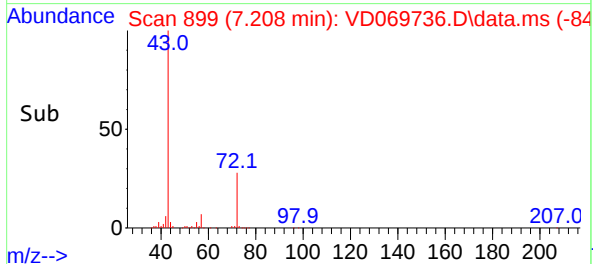
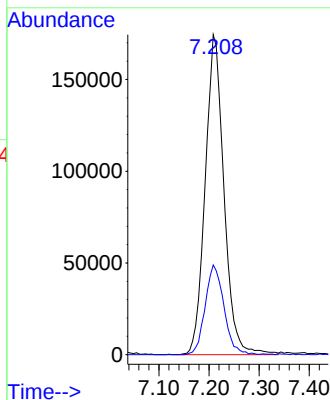
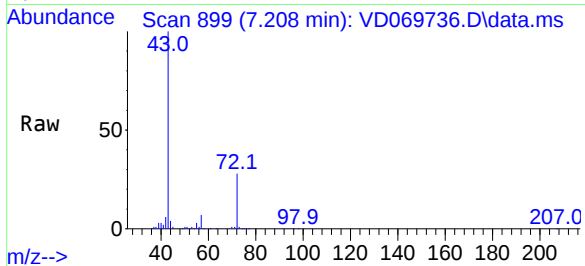




#25
2-Butanone
Concen: 379.462 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

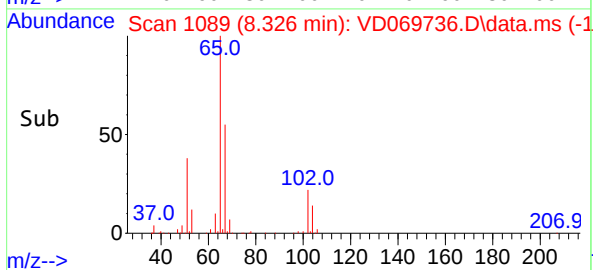
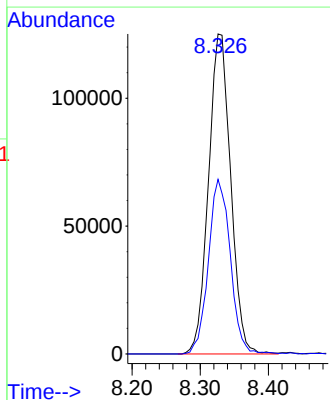
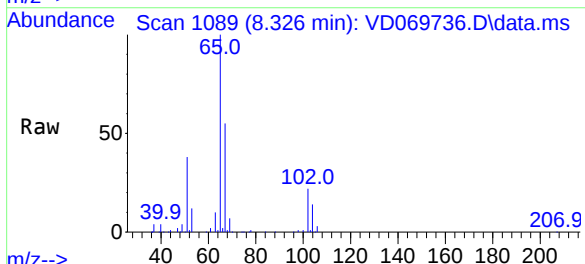
Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-239

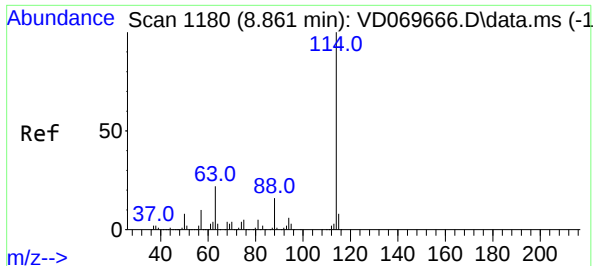
Tgt Ion: 43 Resp: 454418
Ion Ratio Lower Upper
43 100
72 28.0 22.6 33.8



#33
1,2-Dichloroethane-d4
Concen: 55.980 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

Tgt Ion: 65 Resp: 283643
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.2



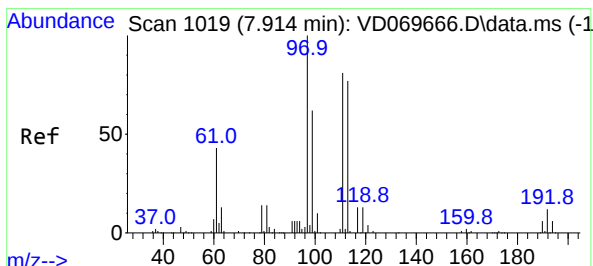
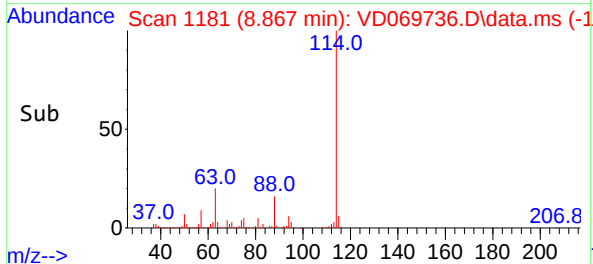
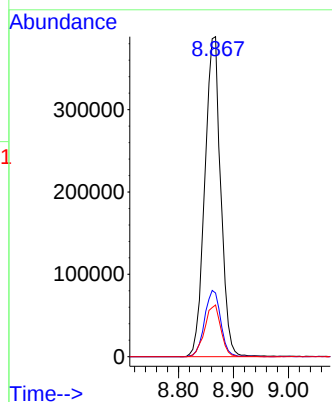
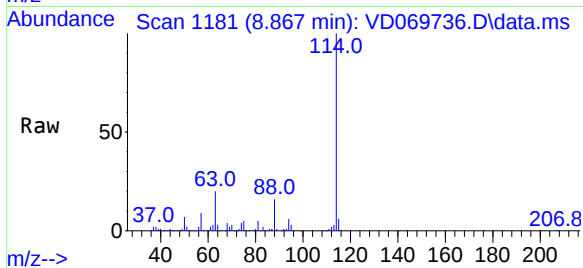


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-239

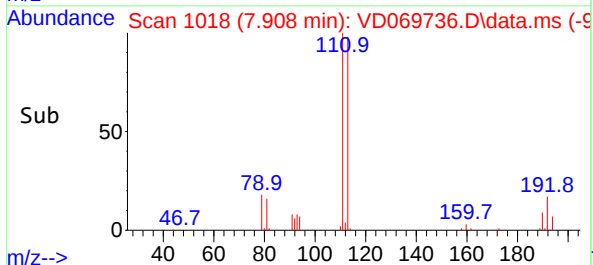
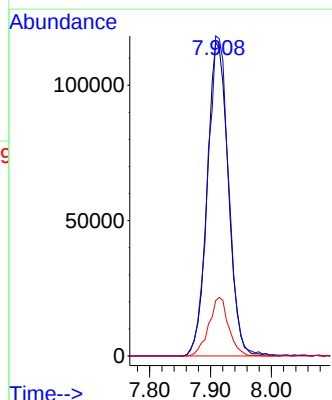
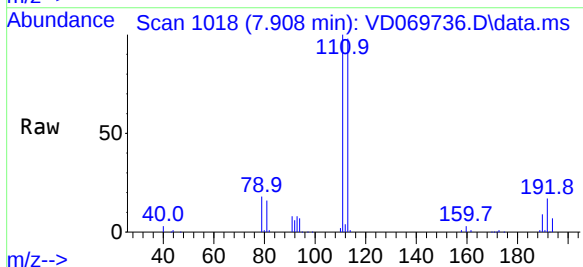
Tgt Ion:	114	Resp:	780388
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	43.4
88	16.1	0.0	32.0

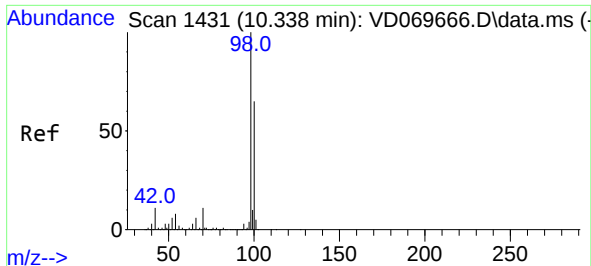


#35

Dibromofluoromethane
Concen: 53.224 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

Tgt Ion:	113	Resp:	278652
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	17.5	12.7	19.1

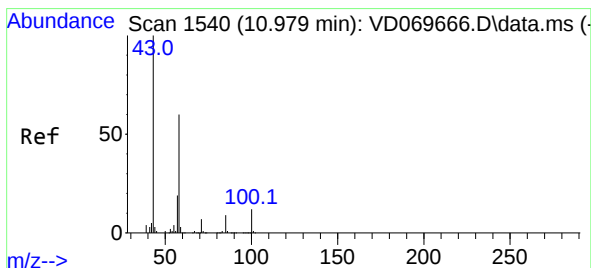
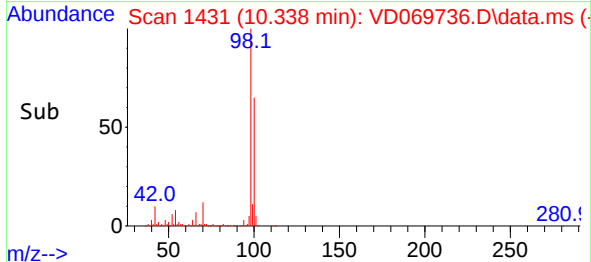
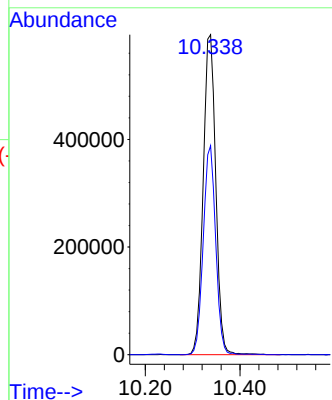
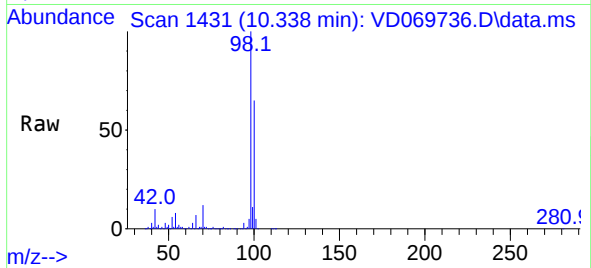




#50
Toluene-d8
Concen: 53.558 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

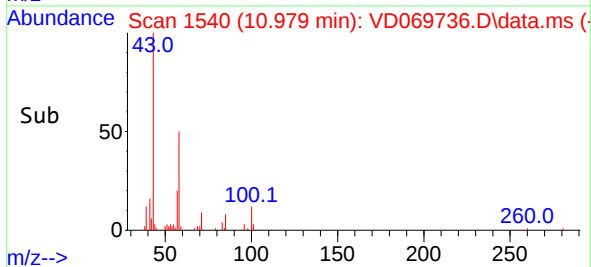
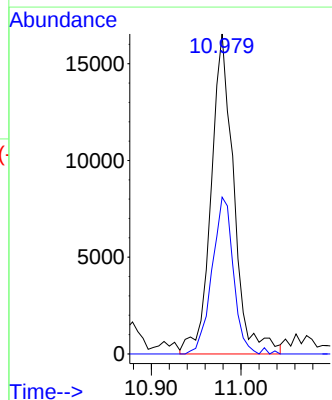
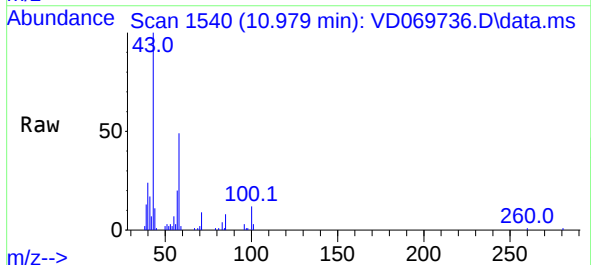
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MSVOA_D
ClientSampleId :
RO-VNJ-239

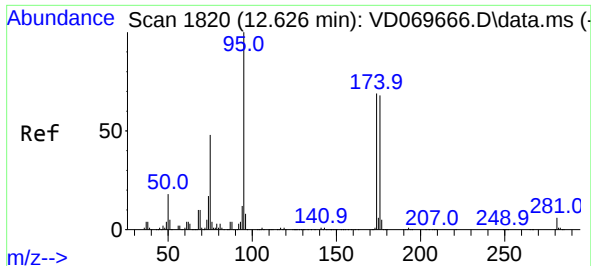
Tgt Ion: 98 Resp: 1089356
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#59
2-Hexanone
Concen: 15.118 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

Tgt Ion: 43 Resp: 29102
Ion Ratio Lower Upper
43 100
58 45.7 29.1 87.4

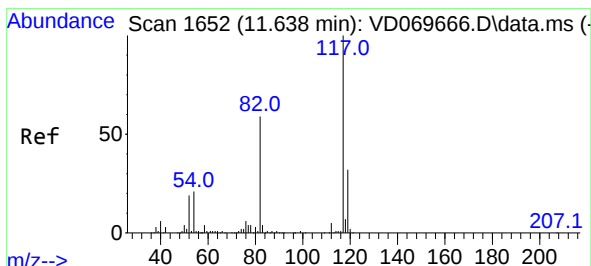
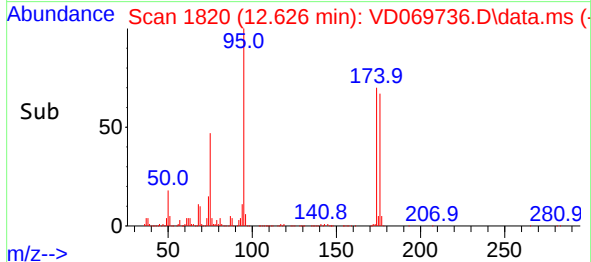
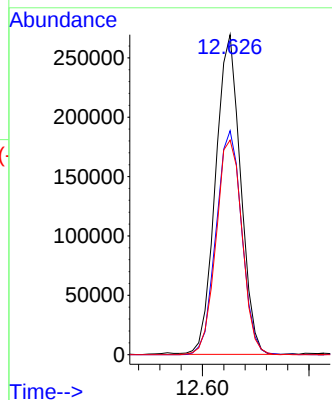
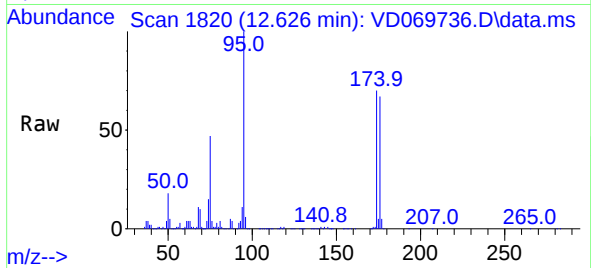




#62
4-Bromofluorobenzene
Concen: 64.560 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

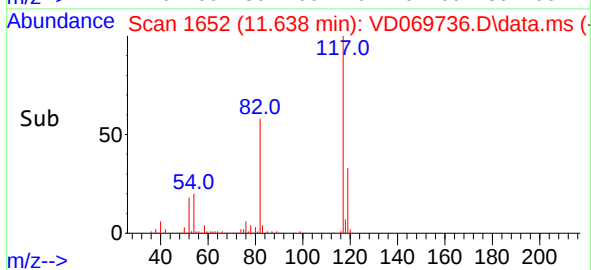
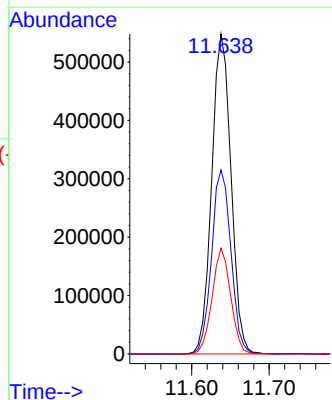
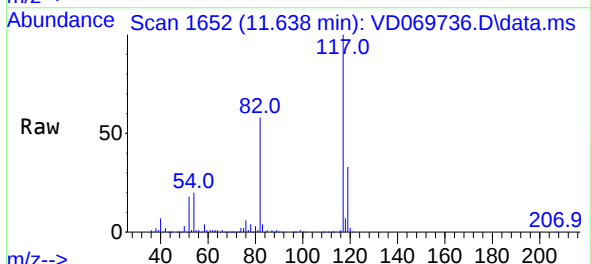
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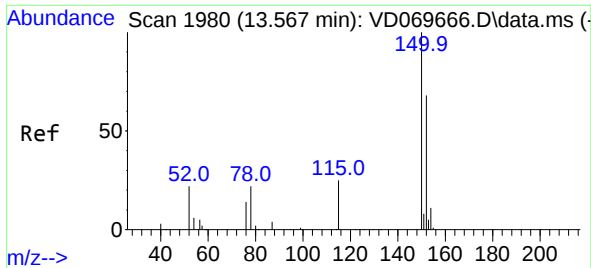
Tgt Ion: 95 Resp: 437947
Ion Ratio Lower Upper
95 100
174 71.9 0.0 140.0
176 69.7 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

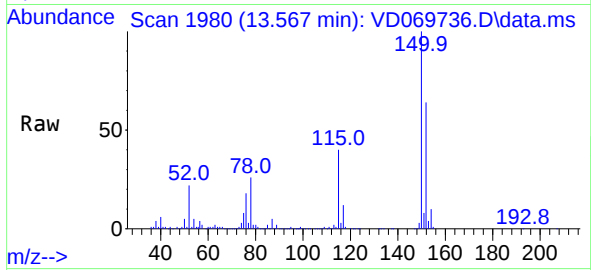
Tgt Ion: 117 Resp: 948829
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 33.1 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069736.D
Acq: 16 Jul 2021 20:25

Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-239



Tgt Ion:	152	Resp:	404111
Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.7	95.1
150	158.0	0.0	350.4

