

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071707.D
 Acq On : 13 Jan 2022 13:53
 Operator : VA/SY
 Sample : N1050-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-236

Quant Time: Jan 13 14:31:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

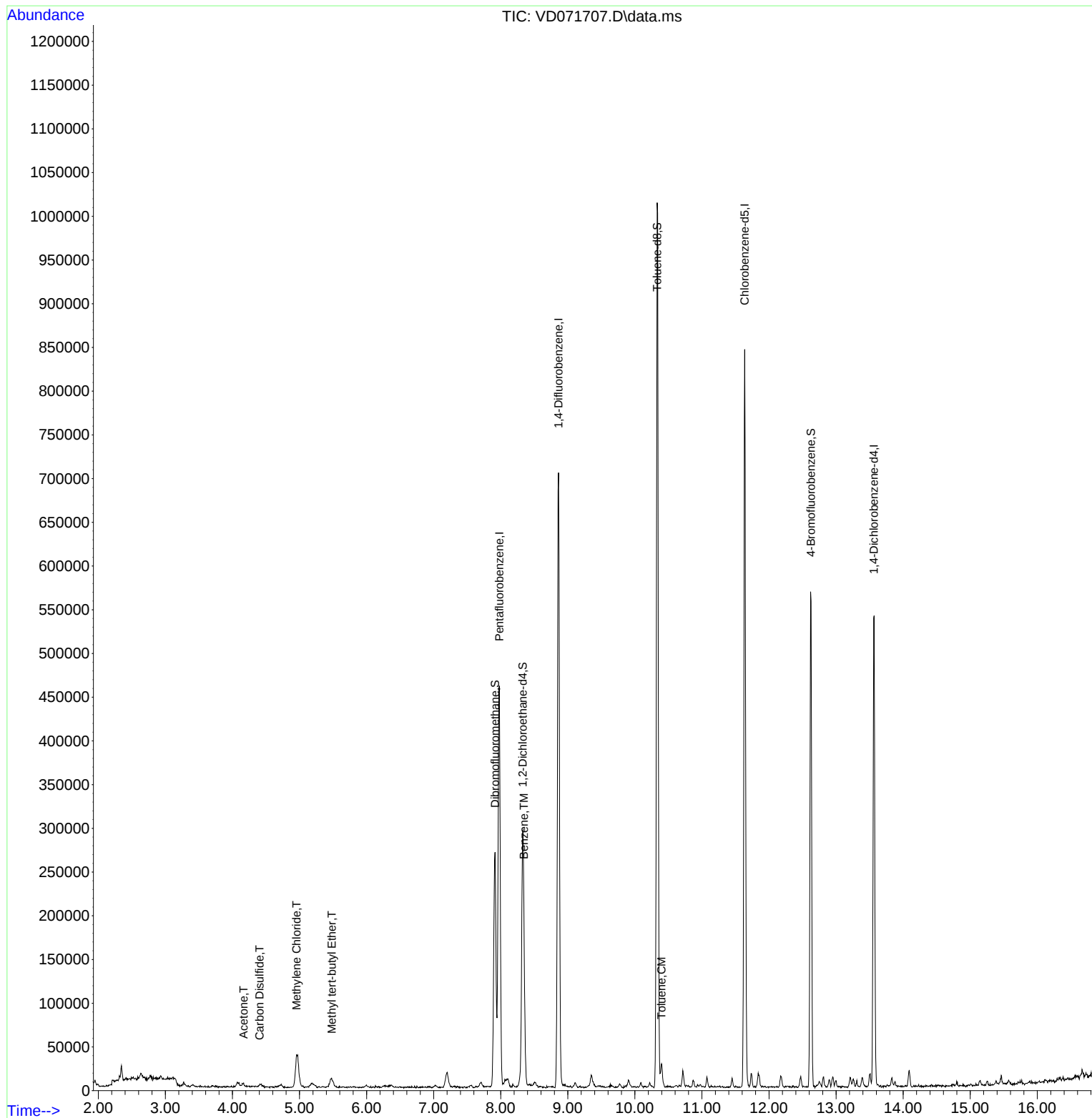
Internal Standards						
1) Pentafluorobenzene	7.979	168	310839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	564614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	435749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	134479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	210121	52.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.080%	
35) Dibromofluoromethane	7.914	113	184726	49.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.020%	
50) Toluene-d8	10.332	98	664753	47.592	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.180%	
62) 4-Bromofluorobenzene	12.626	95	165328	33.590	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 67.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.168	43	7054	7.639	ug/l	100
17) Carbon Disulfide	4.403	76	5393	1.240	ug/l #	94
19) Methyl tert-butyl Ether	5.479	73	10469	1.427	ug/l #	77
20) Methylene Chloride	4.956	84	26412	5.392	ug/l	98
40) Benzene	8.344	78	77265	5.268	ug/l	97
52) Toluene	10.397	92	9388	1.017	ug/l	96

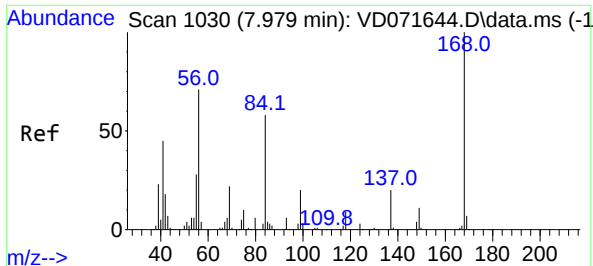
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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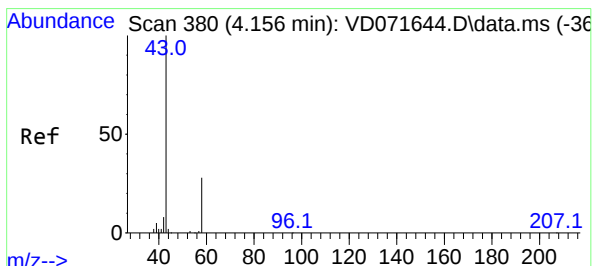
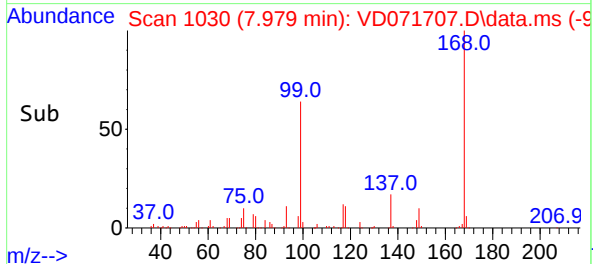
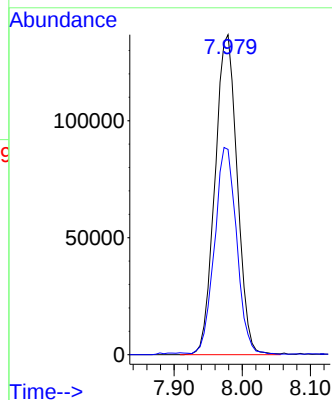
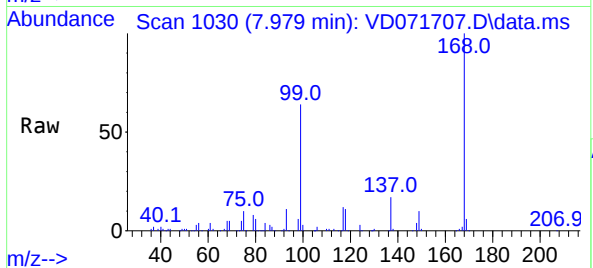




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071707.D
Acq: 13 Jan 2022 13:53

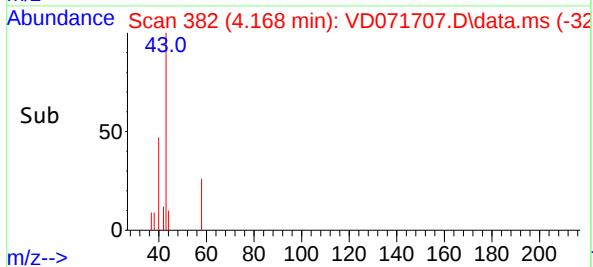
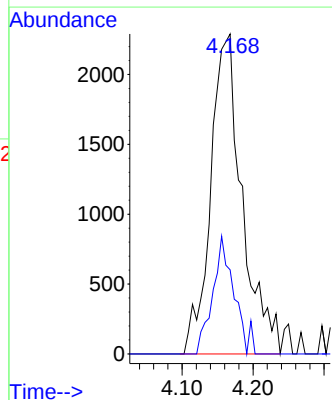
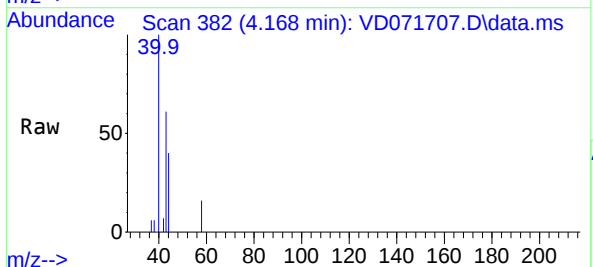
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

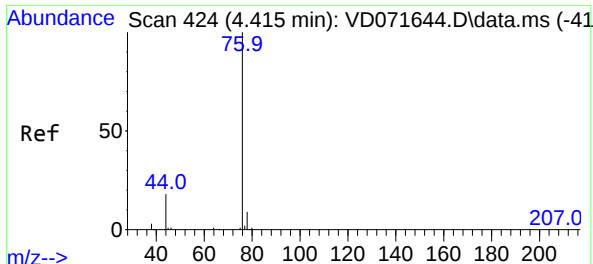
Tgt Ion:168 Resp: 310839
Ion Ratio Lower Upper
168 100
99 64.0 51.8 77.6



#16
Acetone
Concen: 7.639 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.013 min
Lab File: VD071707.D
Acq: 13 Jan 2022 13:53

Tgt Ion: 43 Resp: 7054
Ion Ratio Lower Upper
43 100
58 26.3 21.0 31.6

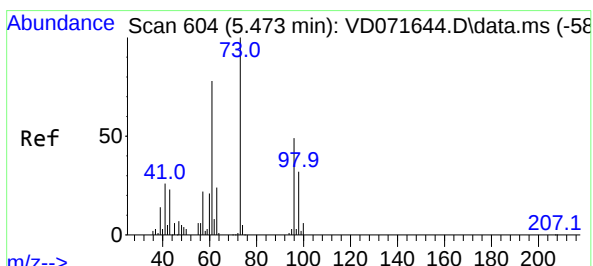
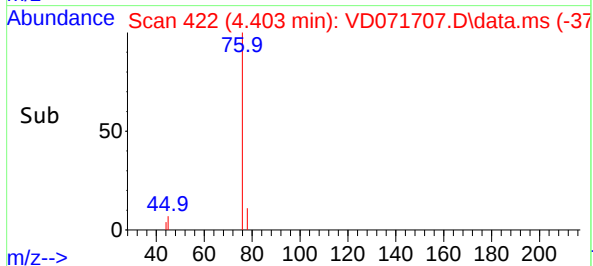
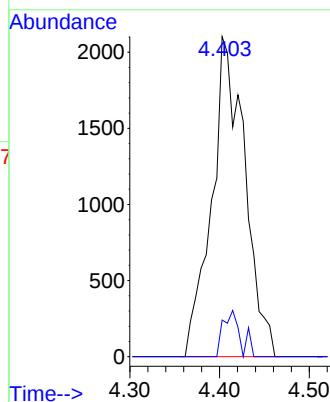
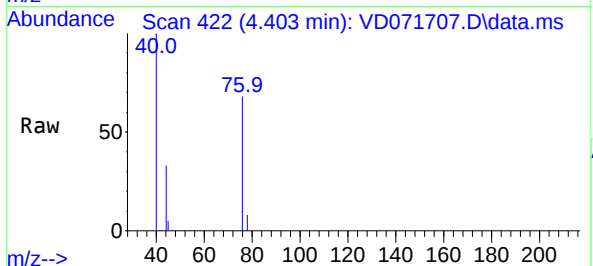




#17
Carbon Disulfide
Concen: 1.240 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD071707.D
Acq: 13 Jan 2022 13:53

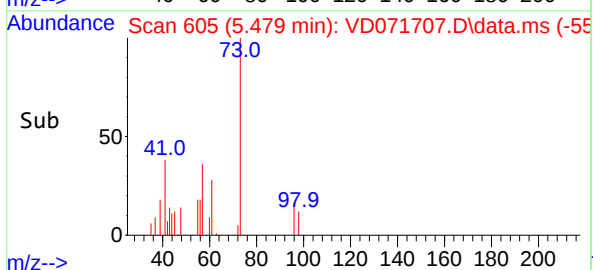
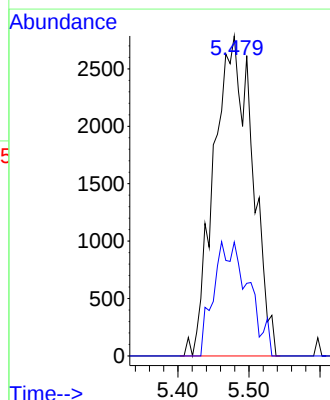
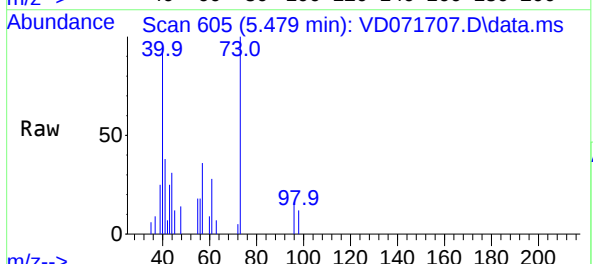
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

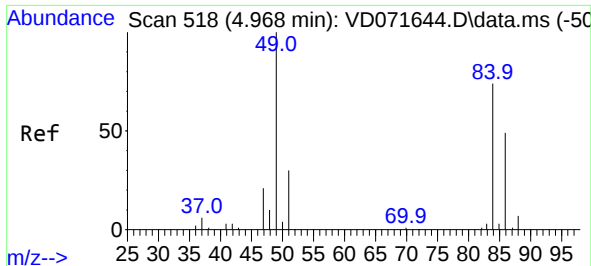
Tgt Ion: 76 Resp: 5393
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.2#



#19
Methyl tert-butyl Ether
Concen: 1.427 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071707.D
Acq: 13 Jan 2022 13:53

Tgt Ion: 73 Resp: 10469
Ion Ratio Lower Upper
73 100
57 35.6 19.2 28.8#



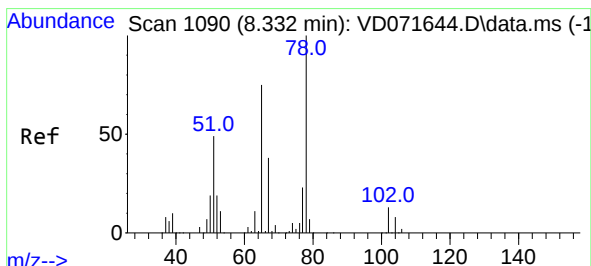
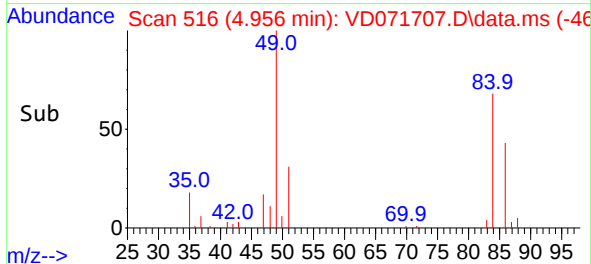
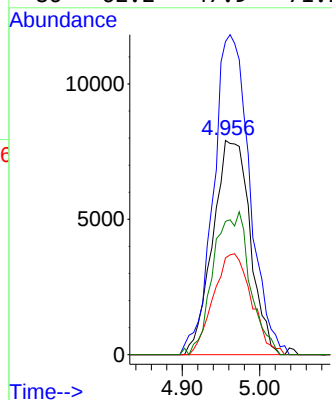
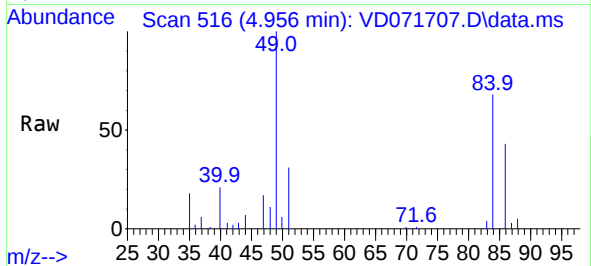


#20
Methylene Chloride
Concen: 5.392 ug/l
RT: 4.956 min Scan# 518
Delta R.T. -0.011 min
Lab File: VD071707.D
Acq: 13 Jan 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tgt Ion: 84 Resp: 26412

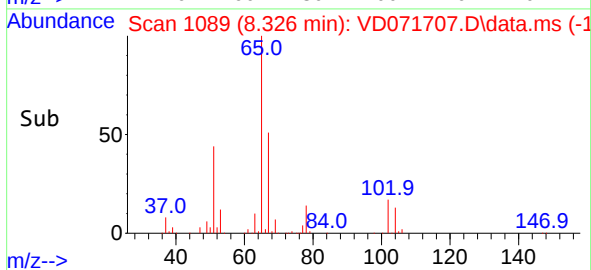
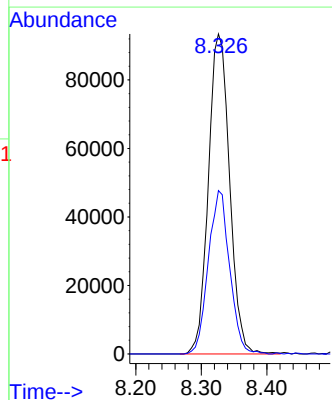
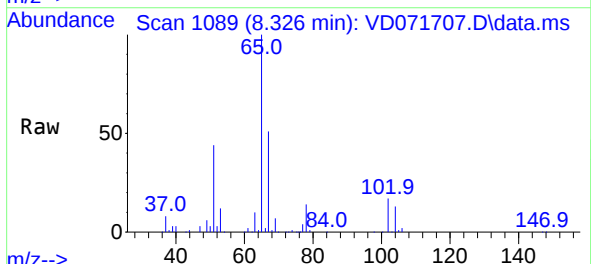
Ion	Ratio	Lower	Upper
84	100		
49	146.1	118.6	178.0
51	45.2	37.8	56.6
86	62.2	47.9	71.9

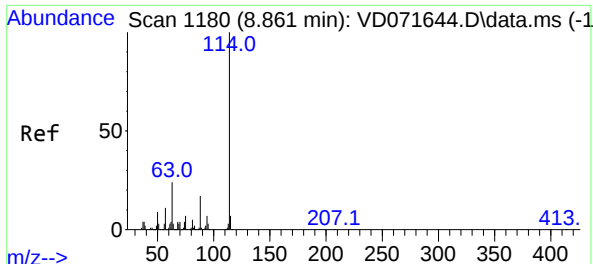


#33
1,2-Dichloroethane-d4
Concen: 52.535 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071707.D
Acq: 13 Jan 2022 13:53

Tgt Ion: 65 Resp: 210121

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071707.D

Acq: 13 Jan 2022 13:53

Instrument :

MSVOA_D

ClientSampleId :

VNJ-236

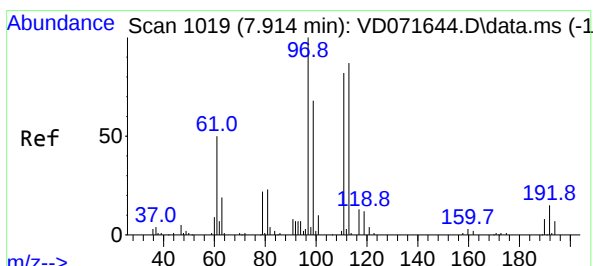
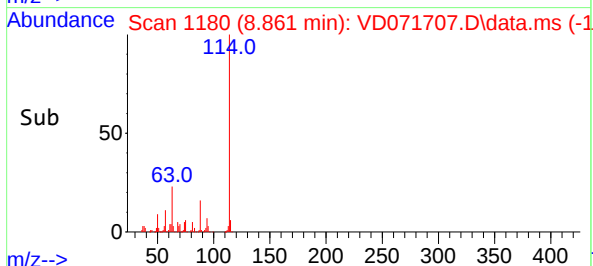
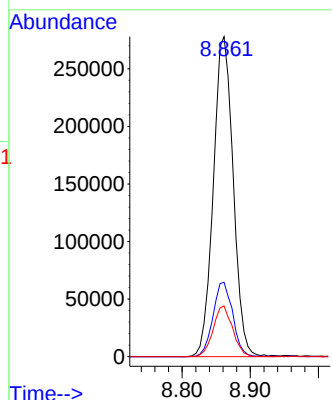
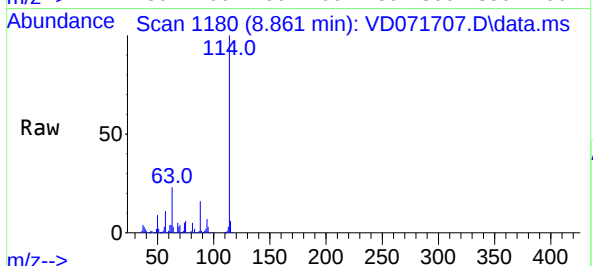
Tgt Ion:114 Resp: 564614

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.2

88 15.9 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.506 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071707.D

Acq: 13 Jan 2022 13:53

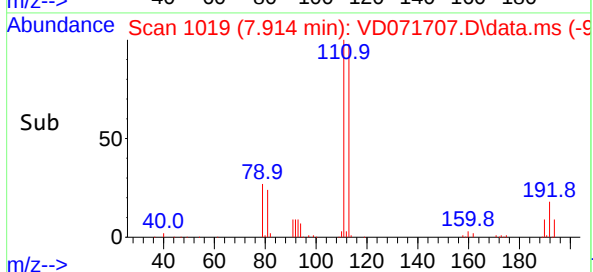
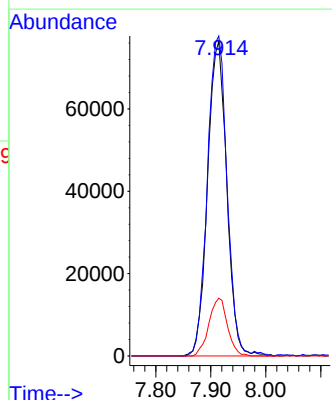
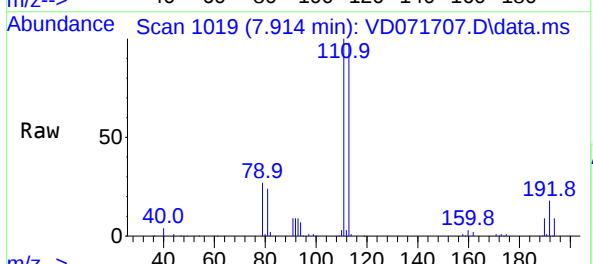
Tgt Ion:113 Resp: 184726

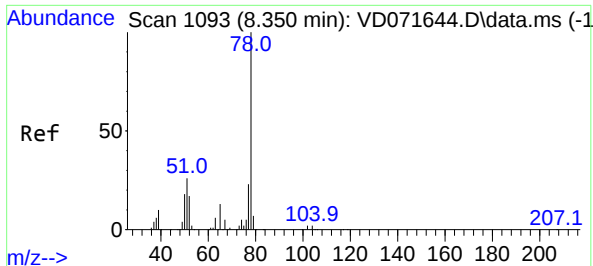
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 17.8 14.2 21.2

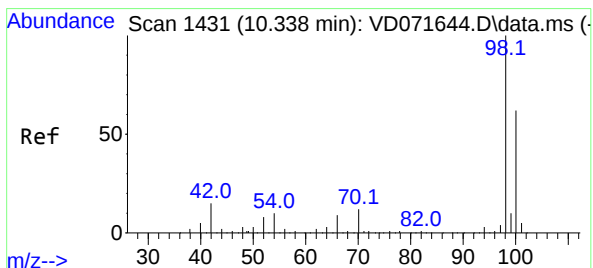
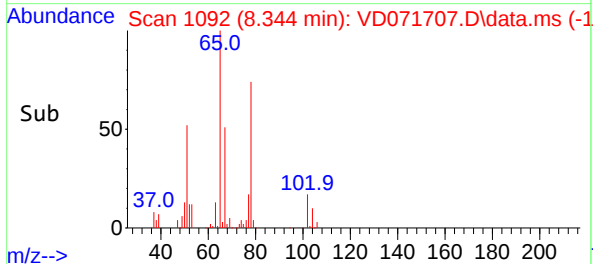
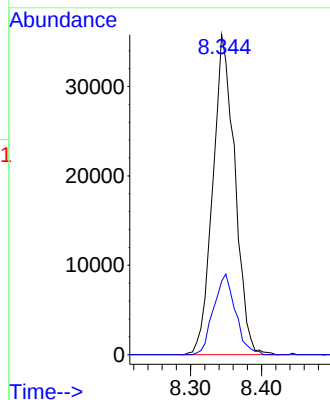
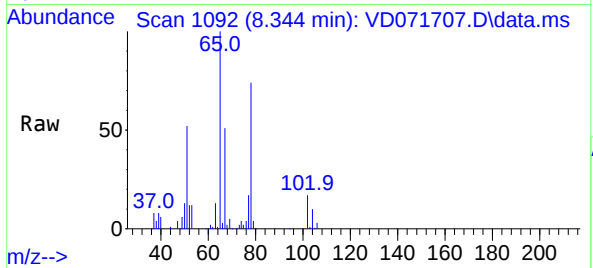




#40
Benzene
Concen: 5.268 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.005 min
Lab File: VD071707.D
Acq: 13 Jan 2022 13:53

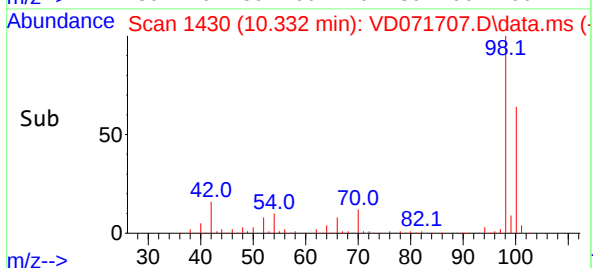
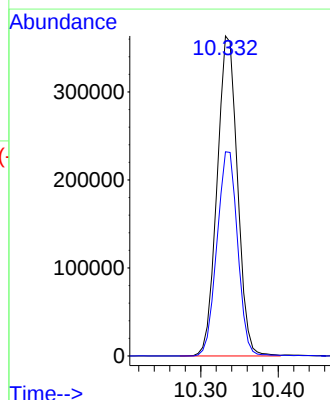
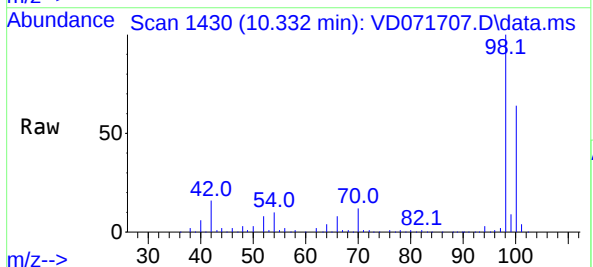
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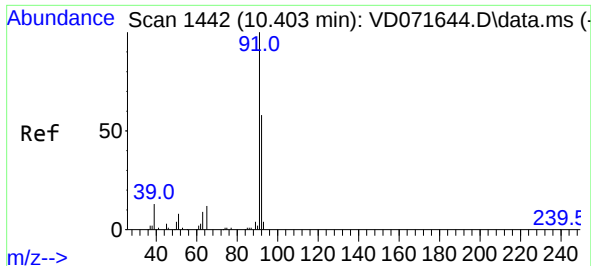
Tgt Ion: 78 Resp: 77265
Ion Ratio Lower Upper
78 100
77 22.9 19.4 29.0



#50
Toluene-d8
Concen: 47.592 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.005 min
Lab File: VD071707.D
Acq: 13 Jan 2022 13:53

Tgt Ion: 98 Resp: 664753
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

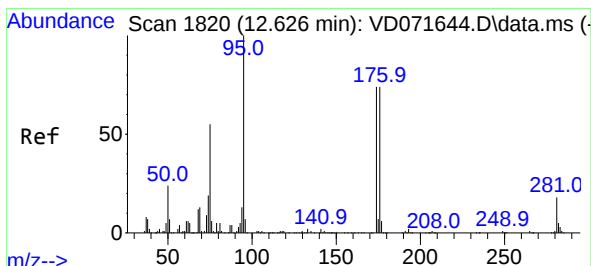
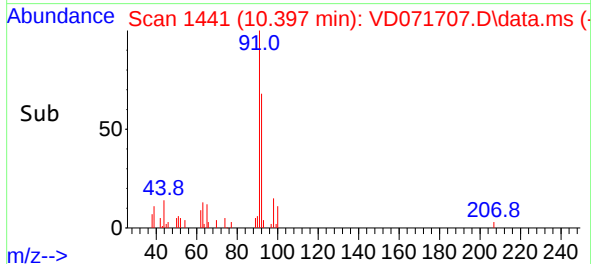
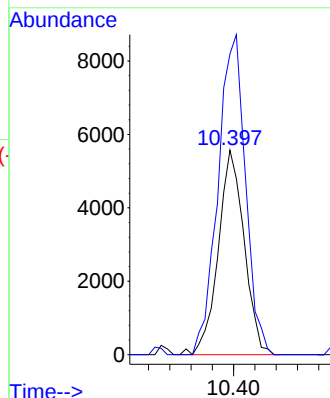
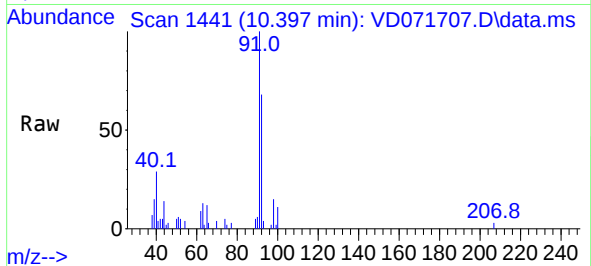




#52
Toluene
Concen: 1.017 ug/l
RT: 10.397 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD071707.D
Acq: 13 Jan 2022 13:53

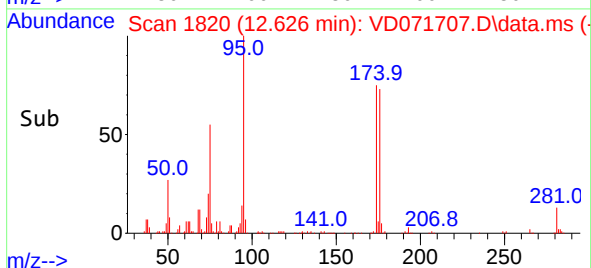
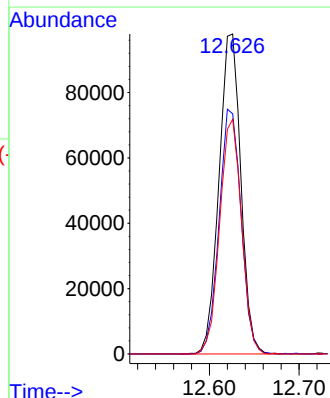
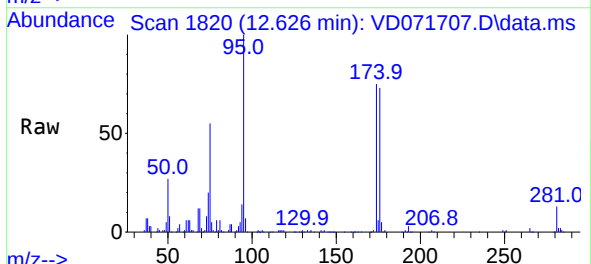
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VNJ-236

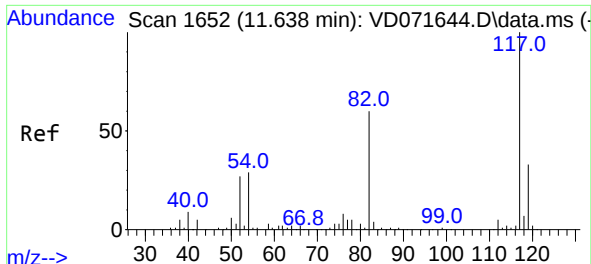
Tgt Ion: 92 Resp: 9388
Ion Ratio Lower Upper
92 100
91 166.2 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 33.590 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071707.D
Acq: 13 Jan 2022 13:53

Tgt Ion: 95 Resp: 165328
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.0
176 73.0 0.0 146.4

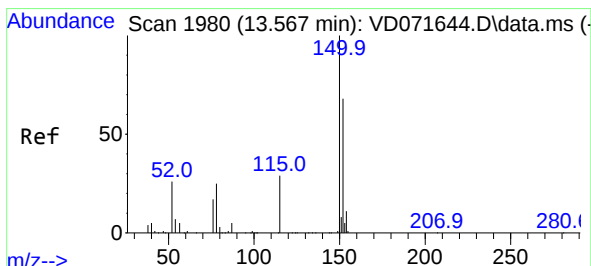
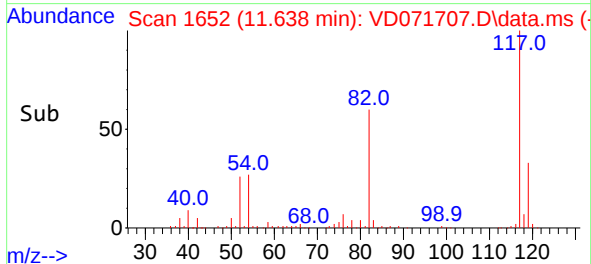
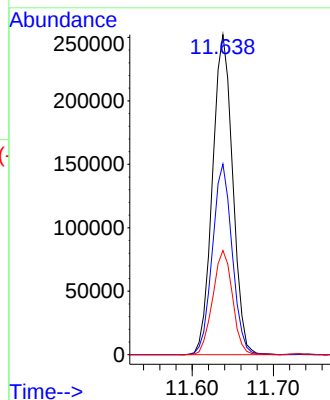
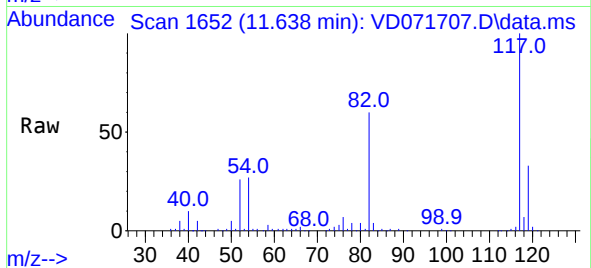




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VD071707.D
Acq: 13 Jan 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tgt Ion:117 Resp: 435749
Ion Ratio Lower Upper
117 100
82 59.6 46.9 70.3
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071707.D
Acq: 13 Jan 2022 13:53

Tgt Ion:152 Resp: 134479
Ion Ratio Lower Upper
152 100
115 61.8 31.5 94.5
150 156.6 0.0 348.0

