

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070499.D
 Acq On : 5 Jan 2022 19:19
 Operator : JC/MD
 Sample : N1012-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31333

Quant Time: Jan 06 13:27:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

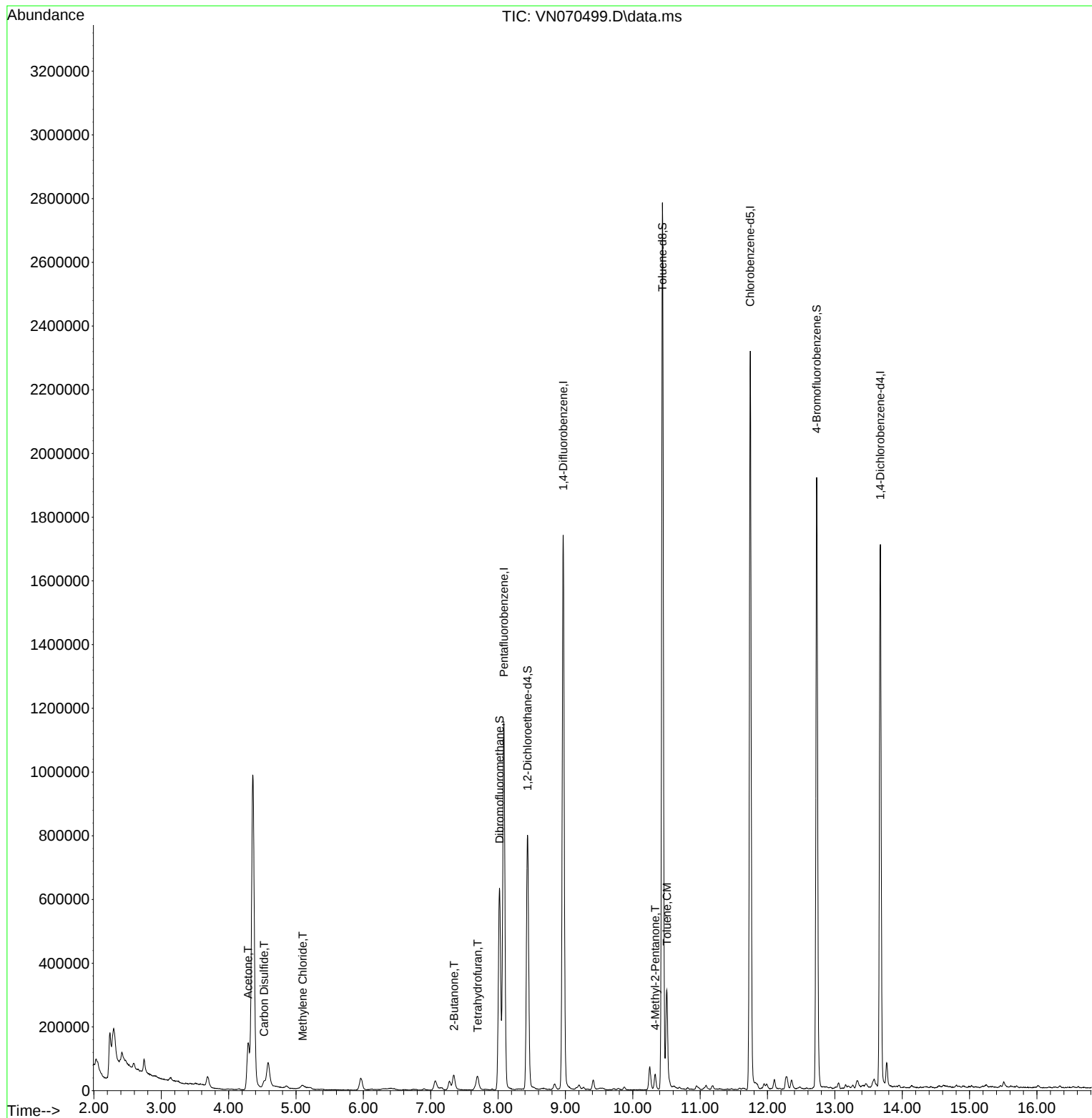
Internal Standards						
1) Pentafluorobenzene	8.086	168	894438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1519859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1349576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	476307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	679569	52.842	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.680%	
35) Dibromofluoromethane	8.021	113	477392	51.914	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.820%	
50) Toluene-d8	10.440	98	1937433	51.574	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	12.731	95	697970	51.442	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.880%	
Target Compounds						
						Qvalue
16) Acetone	4.291	43	279032	33.424	ug/l	100
17) Carbon Disulfide	4.527	76	52175	2.098	ug/l	97
20) Methylene Chloride	5.101	84	5175	0.448	ug/l #	88
25) 2-Butanone	7.345	43	77410	7.364	ug/l	92
29) Tetrahydrofuran	7.697	42	35645	5.684	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	34207	1.751	ug/l	97
52) Toluene	10.505	92	130663	4.629	ug/l	99

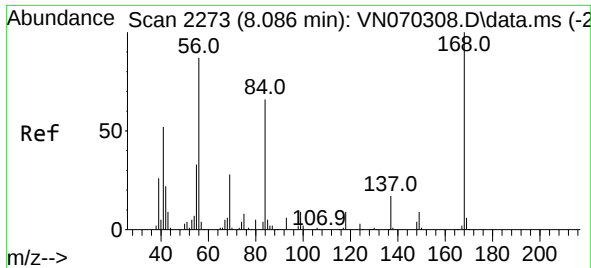
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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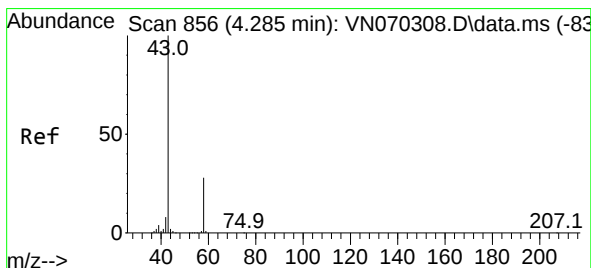
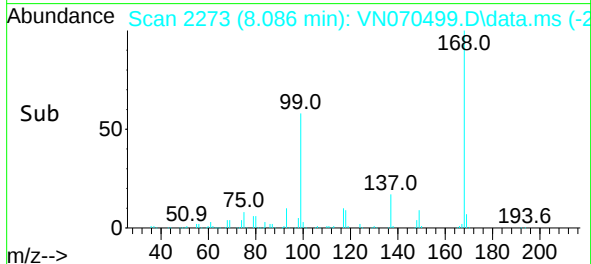
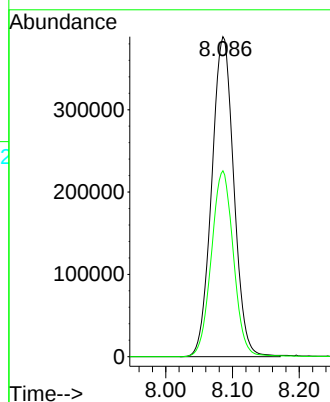
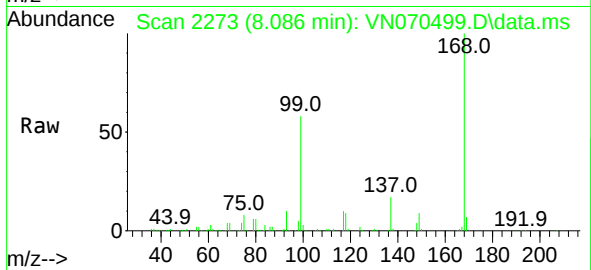




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070499.D
Acq: 5 Jan 2022 19:19

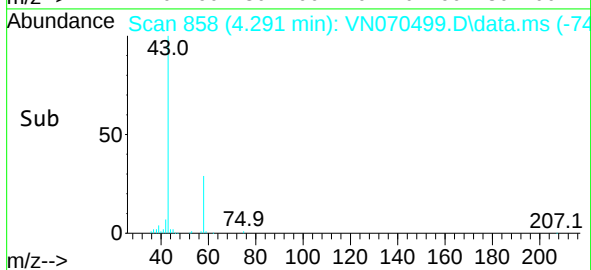
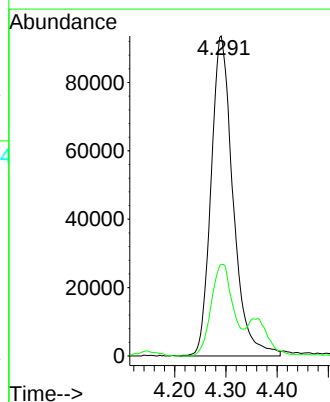
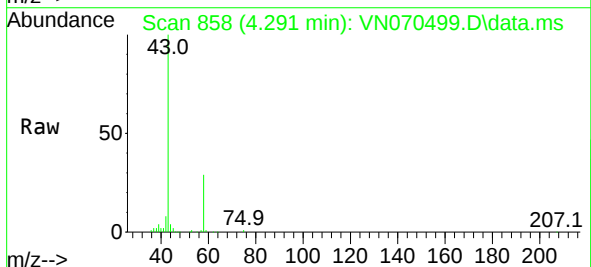
Instrument :
MSVOA_N
ClientSampleId :
31333

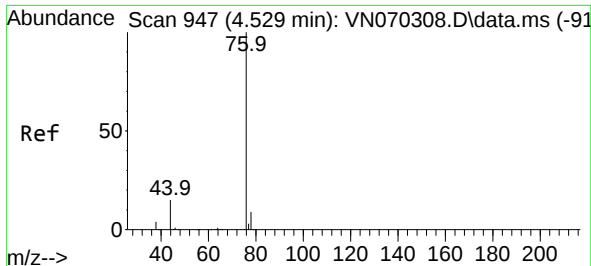
Tgt Ion:168 Resp: 894438
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9



#16
Acetone
Concen: 33.424 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070499.D
Acq: 5 Jan 2022 19:19

Tgt Ion: 43 Resp: 279032
Ion Ratio Lower Upper
43 100
58 28.6 23.1 34.7

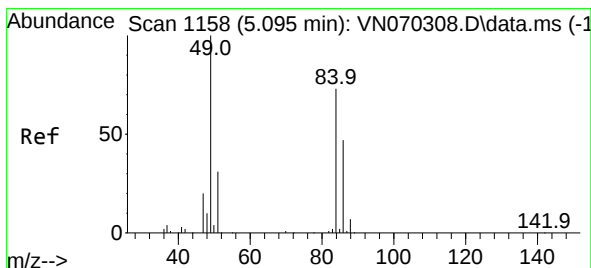
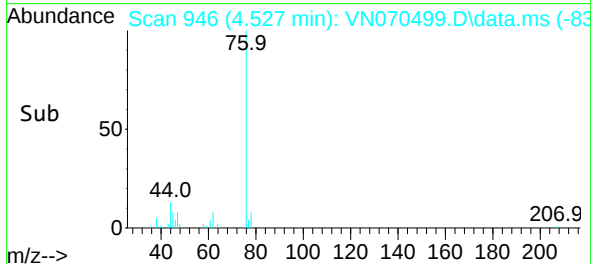
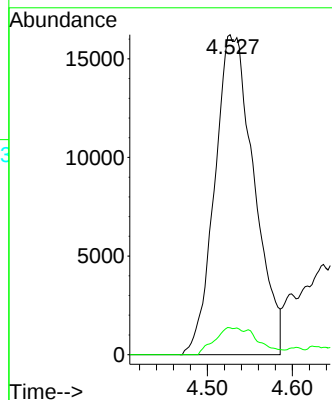
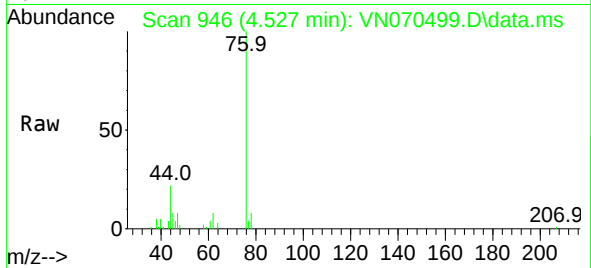




#17
Carbon Disulfide
Concen: 2.098 ug/l
RT: 4.527 min Scan# 947
Delta R.T. -0.002 min
Lab File: VN070499.D
Acq: 5 Jan 2022 19:19

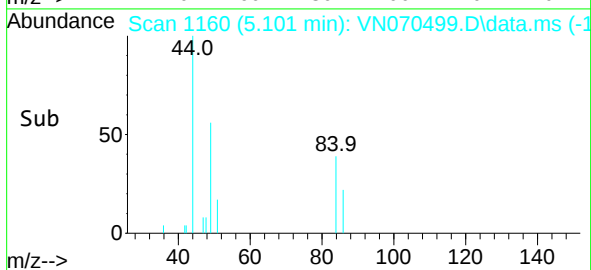
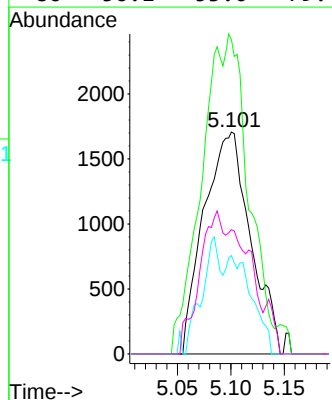
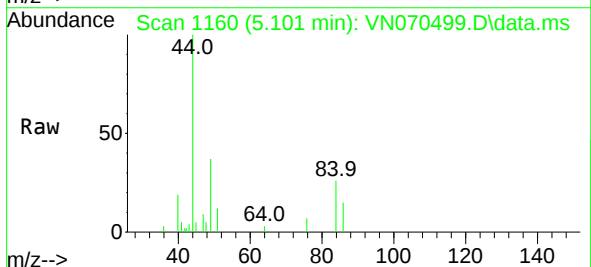
Instrument :
MSVOA_N
ClientSampleId :
31333

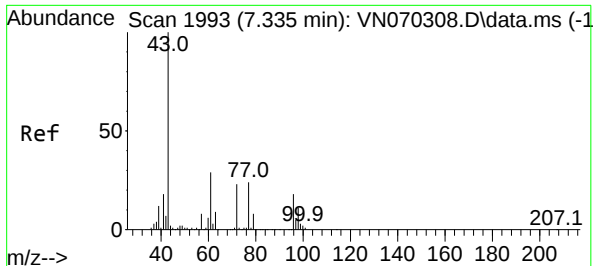
Tgt Ion: 76 Resp: 52175
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#20
Methylene Chloride
Concen: 0.448 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VN070499.D
Acq: 5 Jan 2022 19:19

Tgt Ion: 84 Resp: 5175
Ion Ratio Lower Upper
84 100
49 128.4 93.5 140.3
51 44.3 29.4 44.2#
86 56.1 53.0 79.4





#25

2-Butanone

Concen: 7.364 ug/l

RT: 7.345 min Scan# 1993

Delta R.T. 0.010 min

Lab File: VN070499.D

Acq: 5 Jan 2022 19:19

Instrument :

MSVOA_N

ClientSampleId :

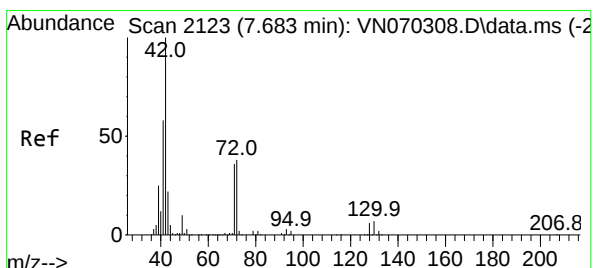
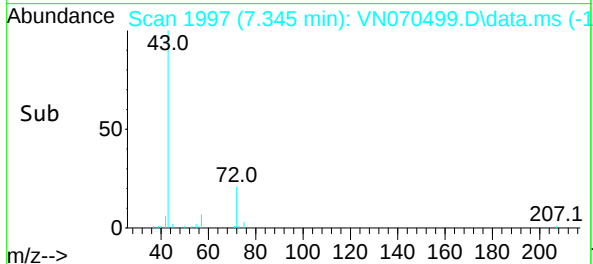
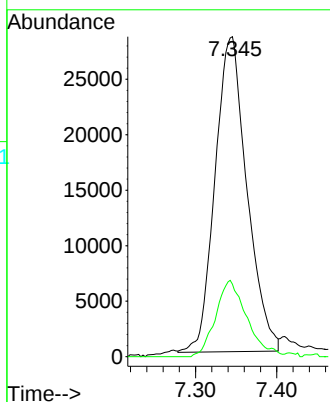
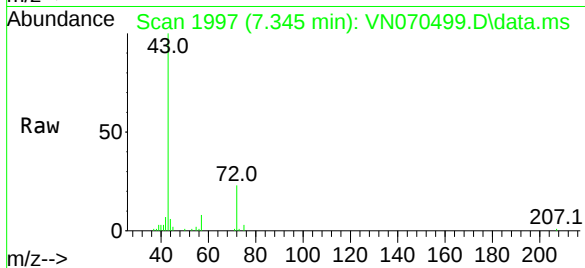
31333

Tgt Ion: 43 Resp: 77410

Ion Ratio Lower Upper

43 100

72 23.0 21.7 32.5



#29

Tetrahydrofuran

Concen: 5.684 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

Lab File: VN070499.D

Acq: 5 Jan 2022 19:19

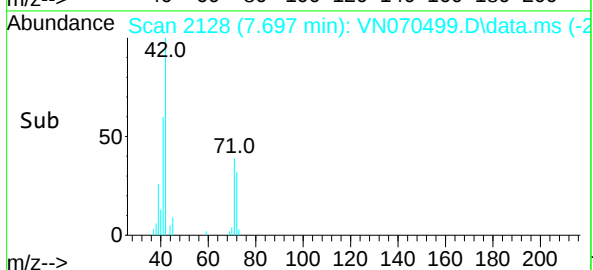
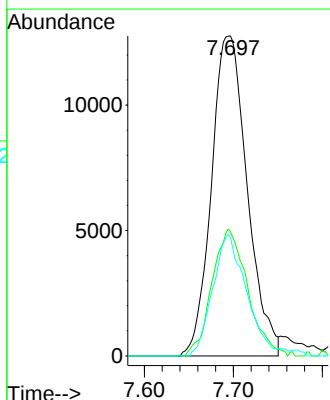
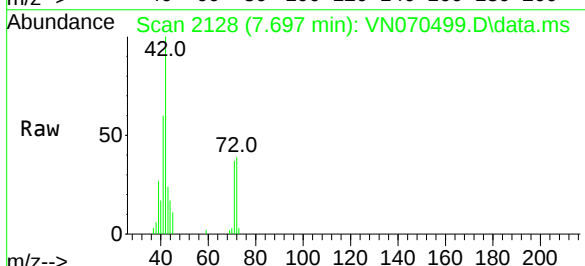
Tgt Ion: 42 Resp: 35645

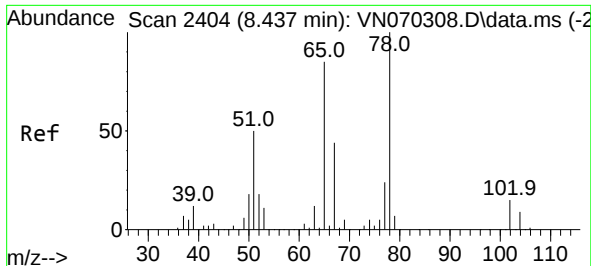
Ion Ratio Lower Upper

42 100

72 39.4 36.3 54.5

71 35.3 34.7 52.1

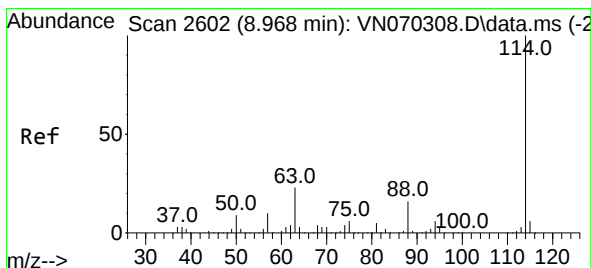
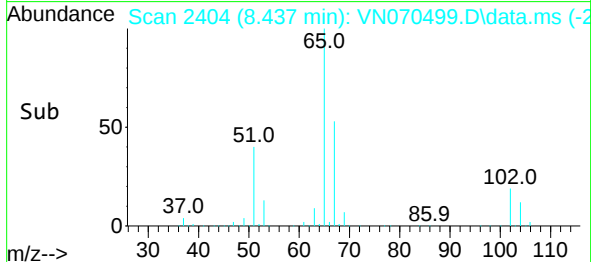
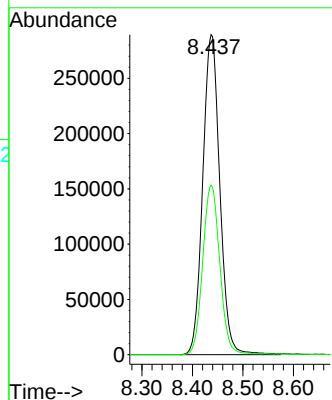
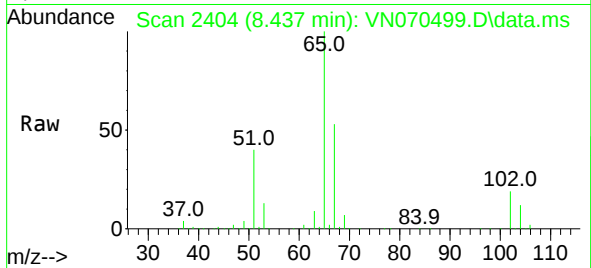




#33
 1,2-Dichloroethane-d4
 Concen: 52.842 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. -0.000 min
 Lab File: VN070499.D
 Acq: 5 Jan 2022 19:19

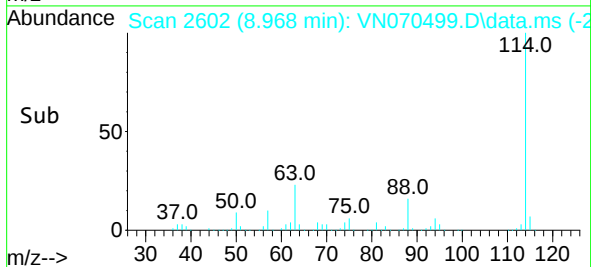
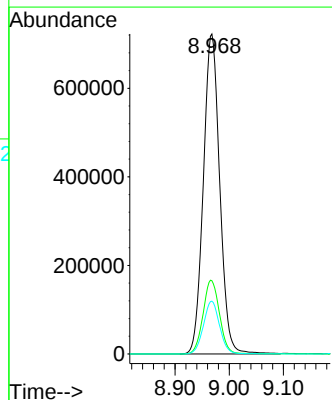
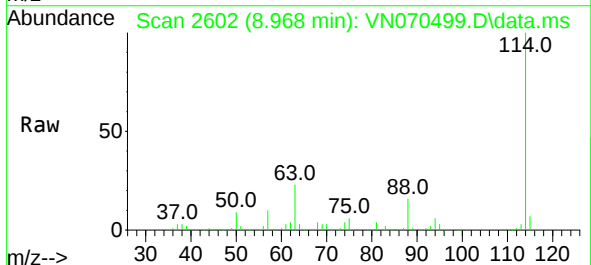
Instrument :
 MSVOA_N
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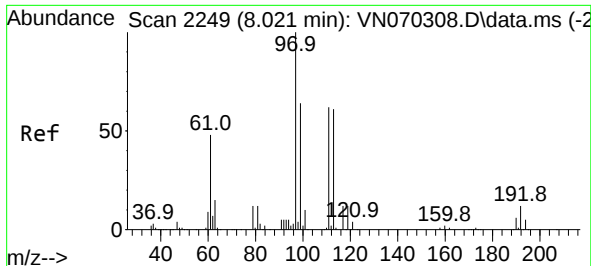
Tgt Ion: 65 Resp: 679569
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN070499.D
 Acq: 5 Jan 2022 19:19

Tgt Ion: 114 Resp: 1519859
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 37.8
 88 16.5 0.0 27.4

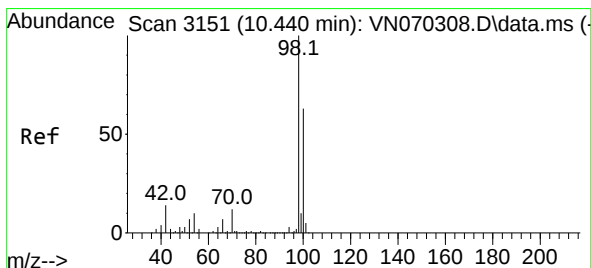
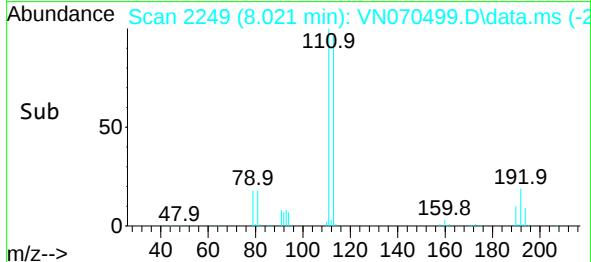
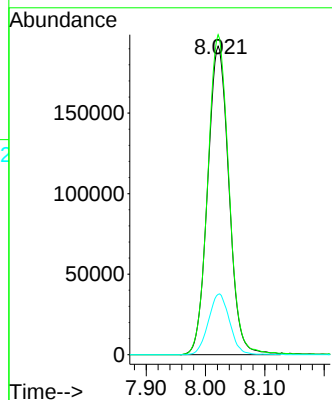
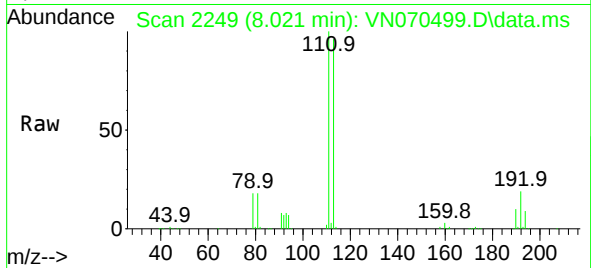




#35
Dibromofluoromethane
Concen: 51.914 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070499.D
Acq: 5 Jan 2022 19:19

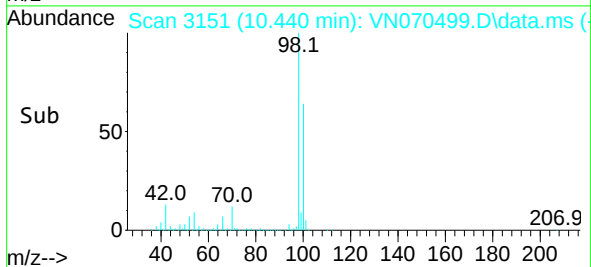
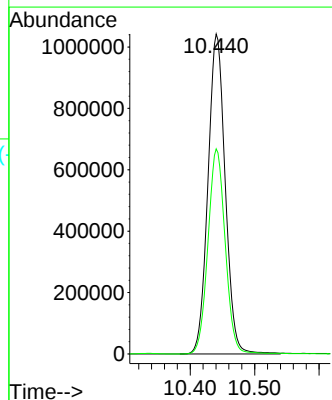
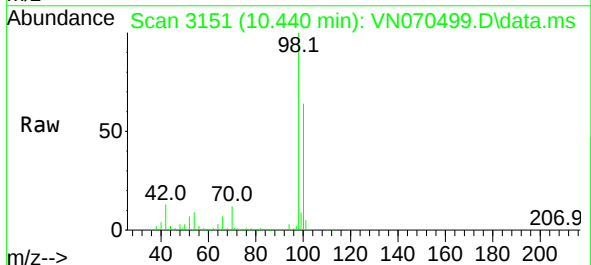
Instrument :
MSVOA_N
ClientSampleId :
31333

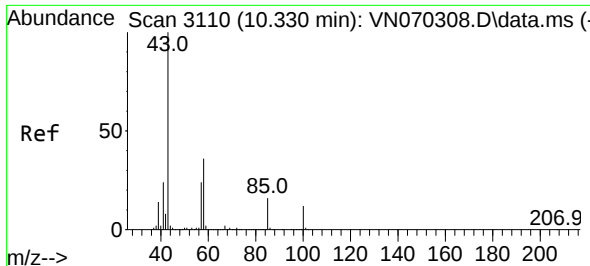
Tgt Ion:113 Resp: 477392
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 51.574 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070499.D
Acq: 5 Jan 2022 19:19

Tgt Ion: 98 Resp: 1937433
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 1.751 ug/l

RT: 10.333 min Scan# 3111

Delta R.T. 0.003 min

Lab File: VN070499.D

Acq: 5 Jan 2022 19:19

Instrument :

MSVOA_N

ClientSampleId :

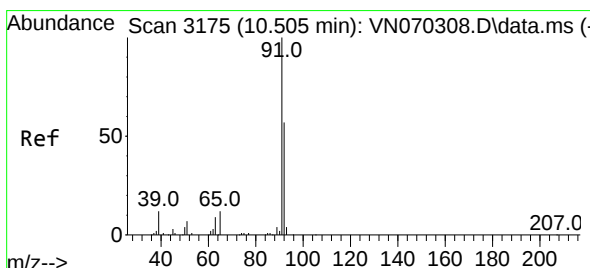
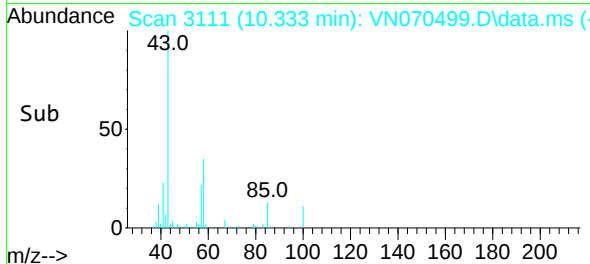
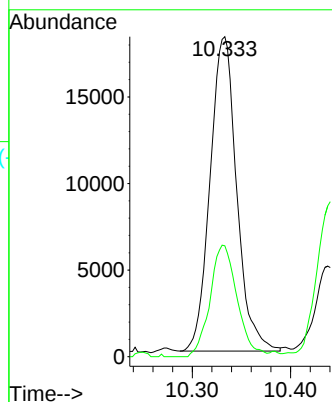
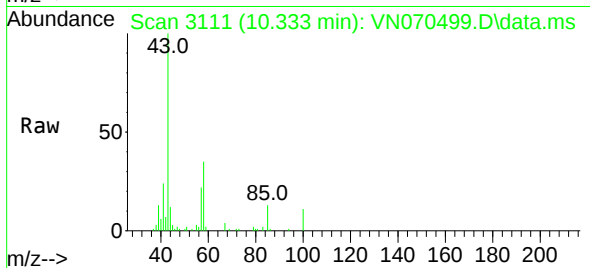
31333

Tgt Ion: 43 Resp: 34207

Ion Ratio Lower Upper

43 100

58 36.0 30.4 45.6



#52

Toluene

Concen: 4.629 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.000 min

Lab File: VN070499.D

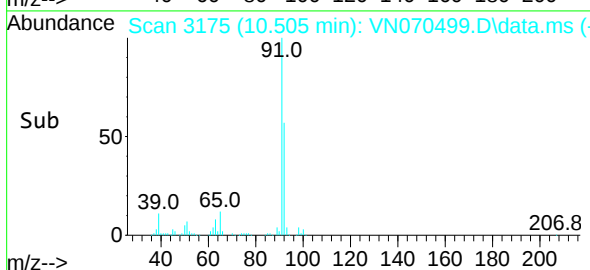
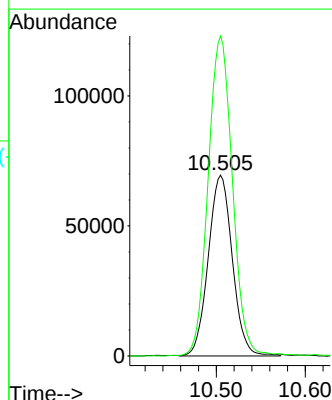
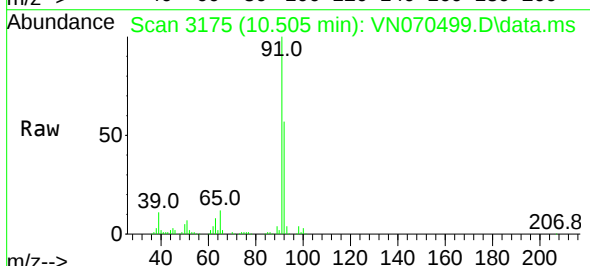
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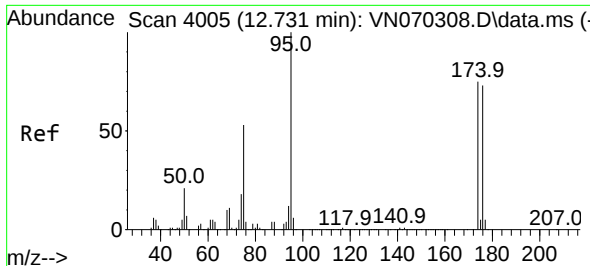
Tgt Ion: 92 Resp: 130663

Ion Ratio Lower Upper

92 100

91 179.1 142.0 213.0

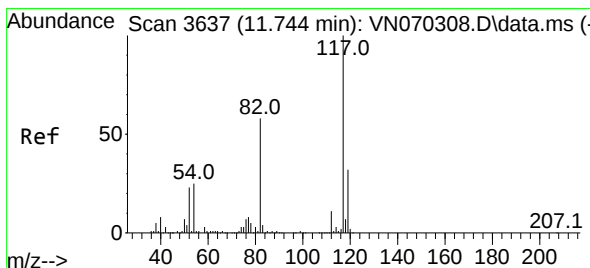
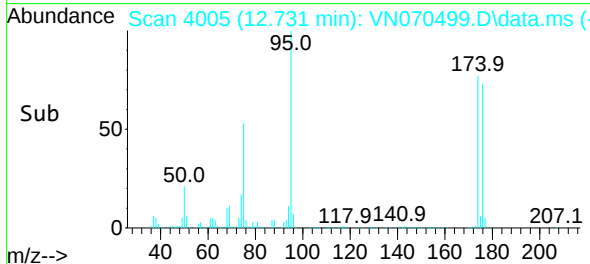
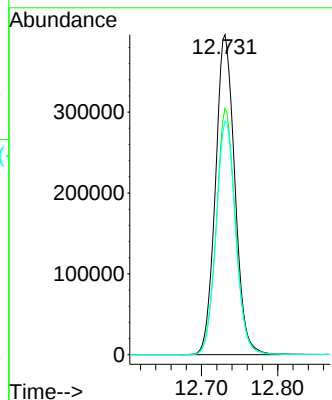
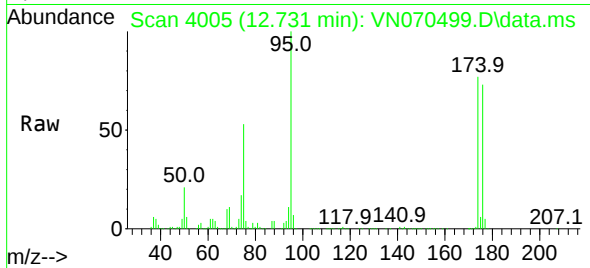




#62
4-Bromofluorobenzene
Concen: 51.442 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070499.D
Acq: 5 Jan 2022 19:19

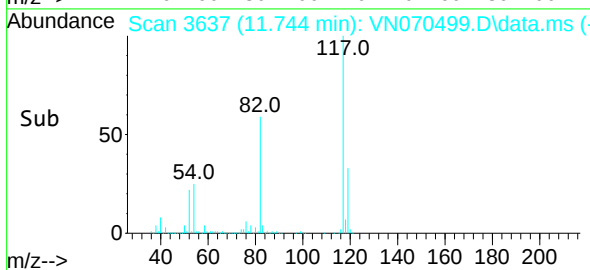
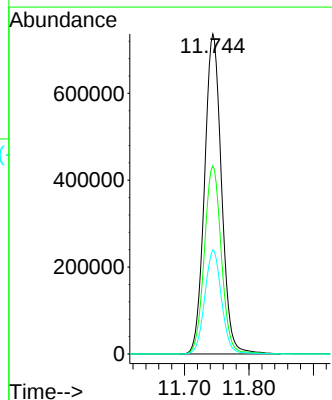
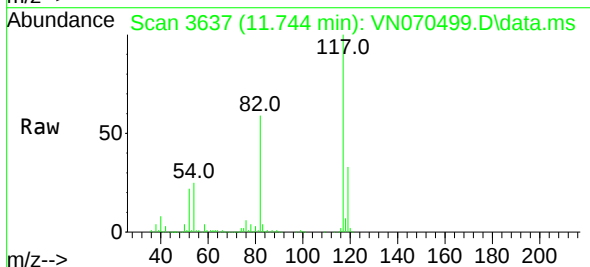
Instrument :
MSVOA_N
ClientSampleId :
31333

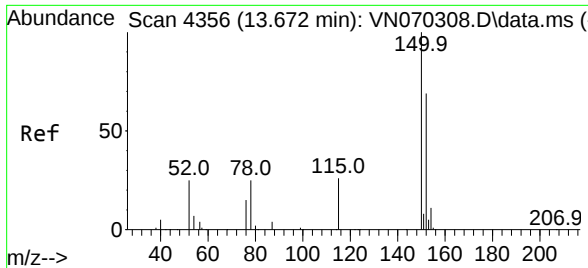
Tgt Ion: 95 Resp: 697970
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070499.D
Acq: 5 Jan 2022 19:19

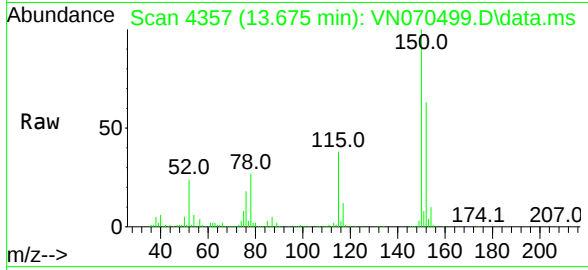
Tgt Ion: 117 Resp: 1349576
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 32.5 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070499.D
 Acq: 5 Jan 2022 19:19

Instrument :
 MSVOA_N
 ClientSampleId :
 31333



Tgt Ion:152 Resp: 476307

Ion	Ratio	Lower	Upper
152	100		
115	59.9	27.5	82.5
150	158.5	0.0	344.4

