

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070500.D
 Acq On : 5 Jan 2022 19:45
 Operator : JC/MD
 Sample : N1012-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31334

Quant Time: Jan 06 13:27:13 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)

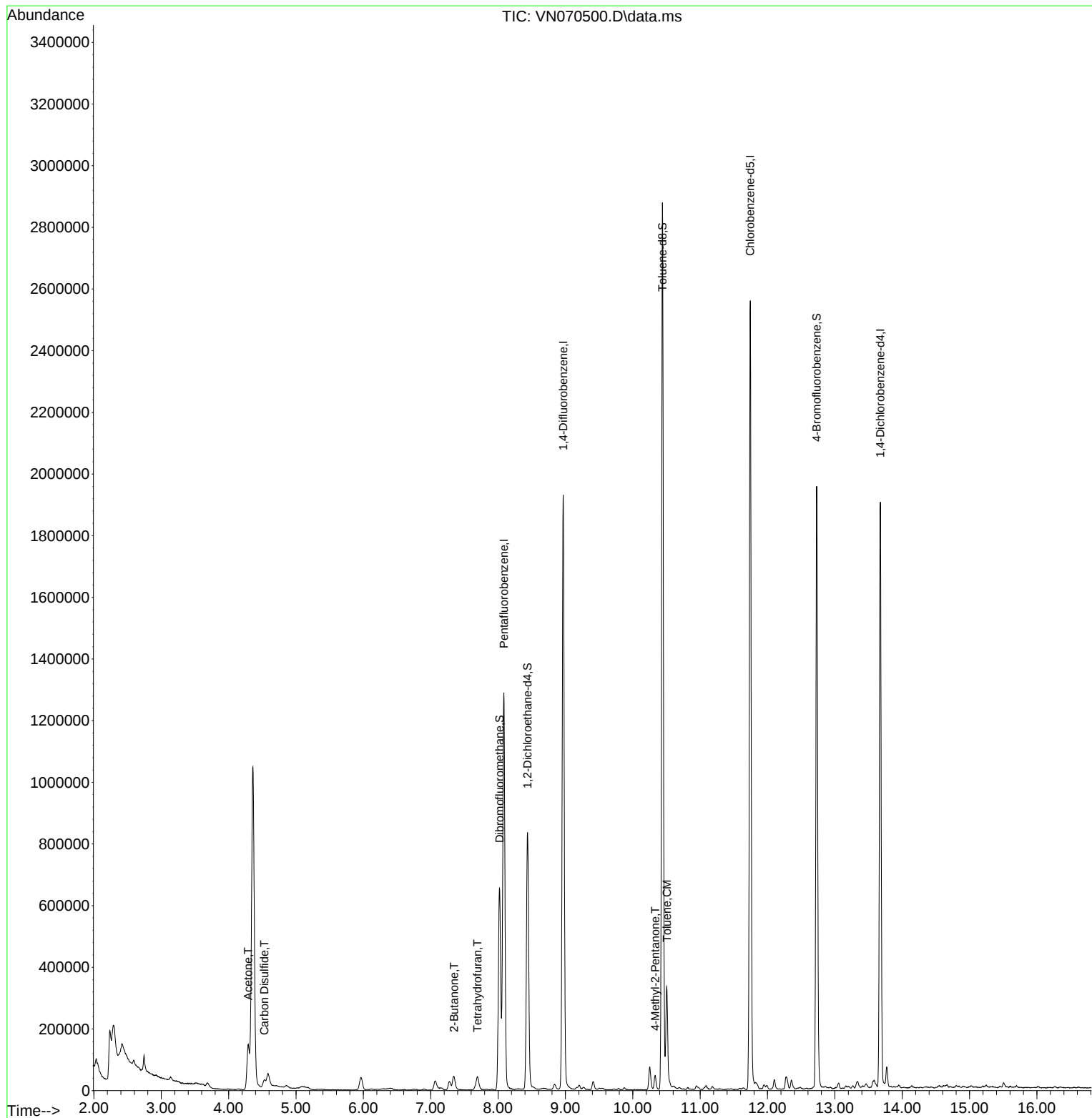
Internal Standards						
1) Pentafluorobenzene	8.086	168	994299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1688239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1500702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	522938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	706537	49.422	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.840%
35) Dibromofluoromethane	8.021	113	494632	48.424	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.840%
50) Toluene-d8	10.441	98	2009698	48.162	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.731	95	722250	47.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.840%
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	272280	29.339	ug/l	97
17) Carbon Disulfide	4.529	76	63553	2.299	ug/l	95
25) 2-Butanone	7.346	43	75743	6.482	ug/l	90
29) Tetrahydrofuran	7.694	42	35516	5.094	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	34800	1.604	ug/l	96
52) Toluene	10.505	92	142026	4.529	ug/l	96

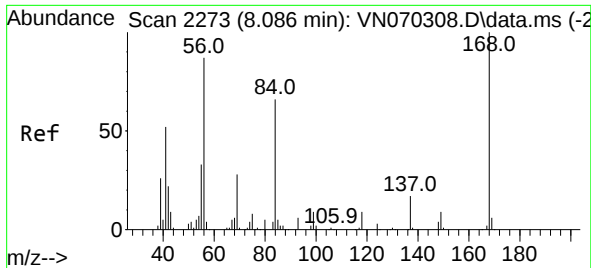
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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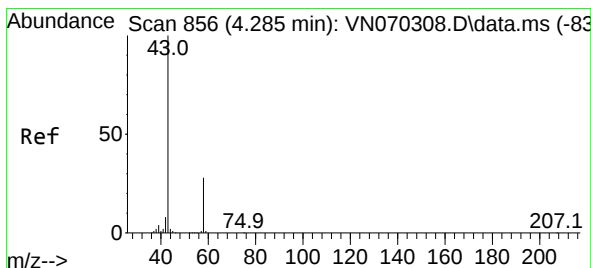
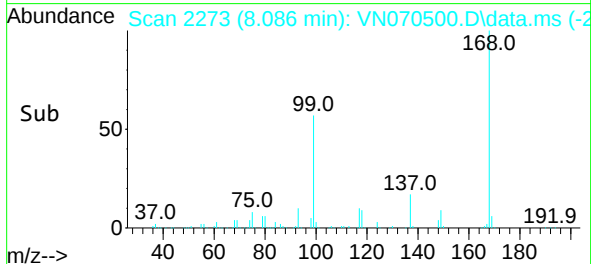
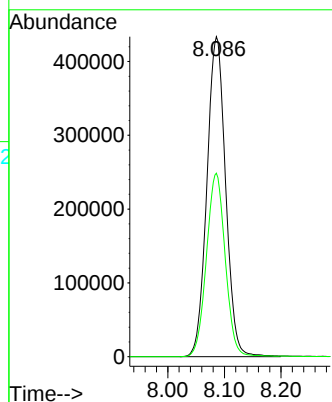
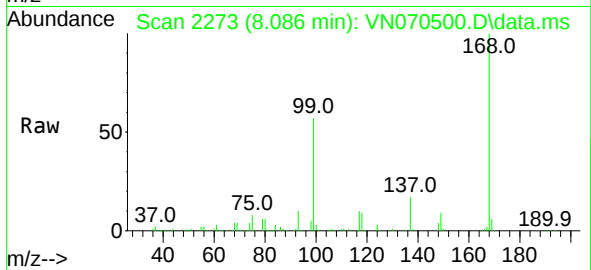




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070500.D
Acq: 5 Jan 2022 19:45

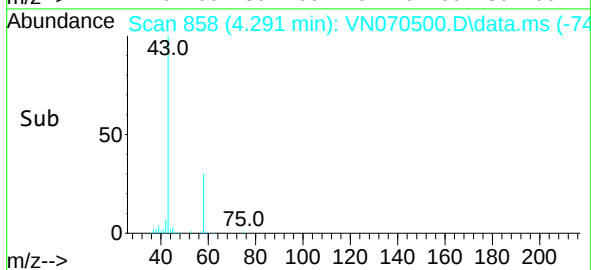
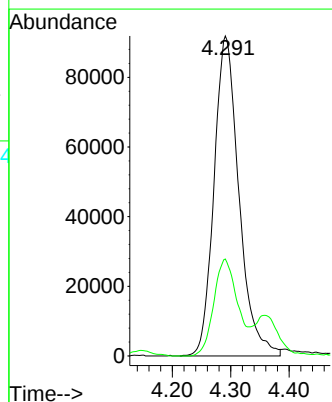
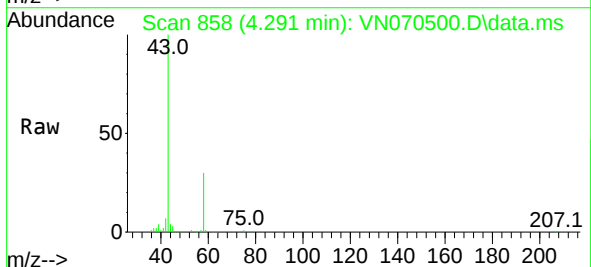
Instrument :
MSVOA_N
ClientSampleId :
31334

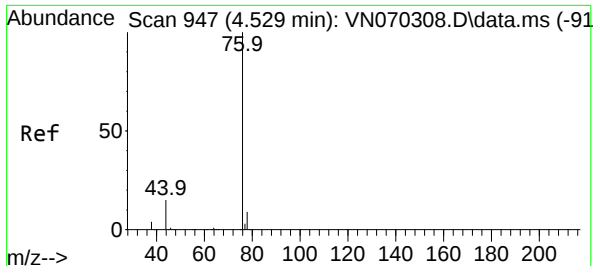
Tgt Ion:168 Resp: 994299
Ion Ratio Lower Upper
168 100
99 57.3 41.3 61.9



#16
Acetone
Concen: 29.339 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070500.D
Acq: 5 Jan 2022 19:45

Tgt Ion: 43 Resp: 272280
Ion Ratio Lower Upper
43 100
58 30.3 23.1 34.7

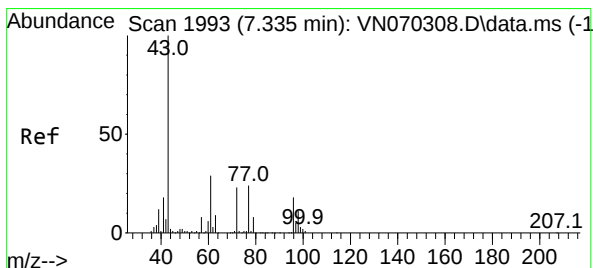
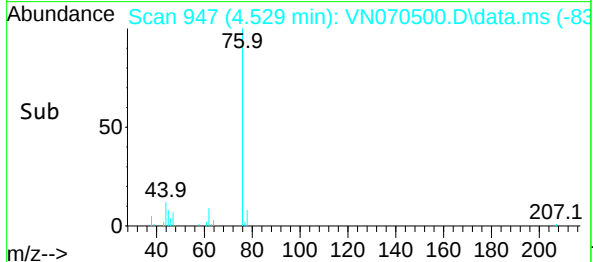
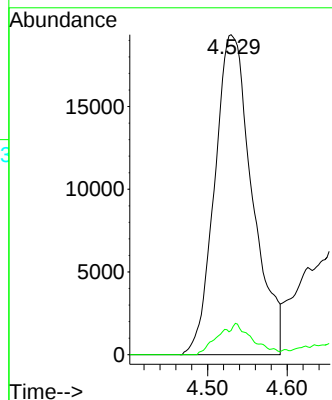
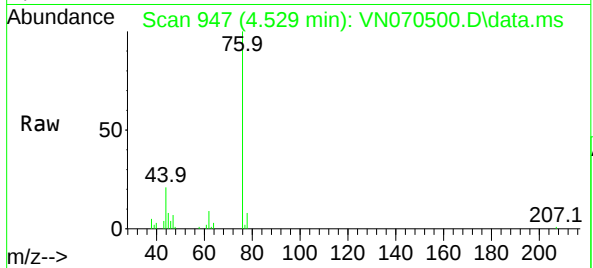




#17
Carbon Disulfide
Concen: 2.299 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070500.D
Acq: 5 Jan 2022 19:45

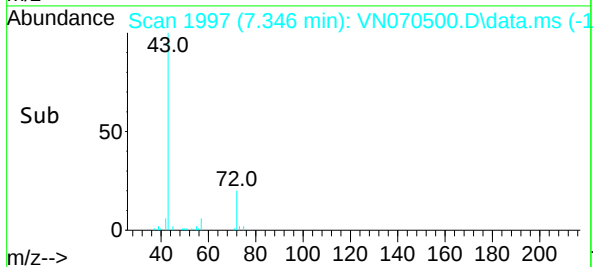
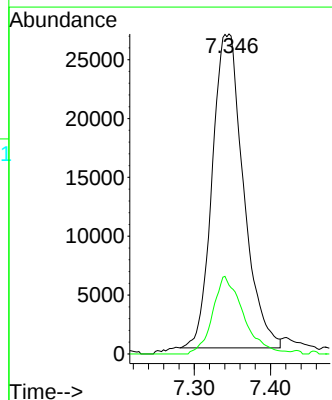
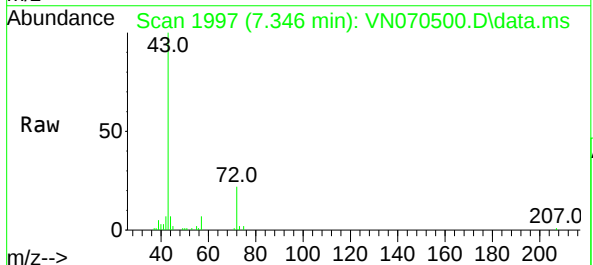
Instrument :
MSVOA_N
ClientSampleId :
31334

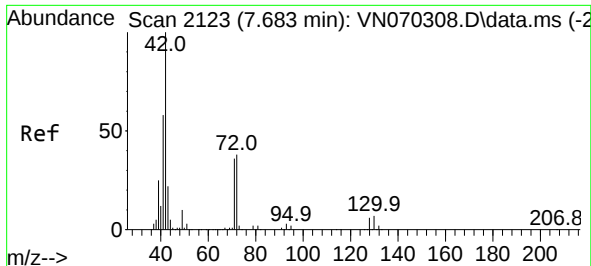
Tgt Ion: 76 Resp: 63553
Ion Ratio Lower Upper
76 100
78 7.6 7.5 11.3



#25
2-Butanone
Concen: 6.482 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.011 min
Lab File: VN070500.D
Acq: 5 Jan 2022 19:45

Tgt Ion: 43 Resp: 75743
Ion Ratio Lower Upper
43 100
72 21.9 21.7 32.5





#29

Tetrahydrofuran

Concen: 5.094 ug/l

RT: 7.694 min Scan# 2123

Delta R.T. 0.011 min

Lab File: VN070500.D

Acq: 5 Jan 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

31334

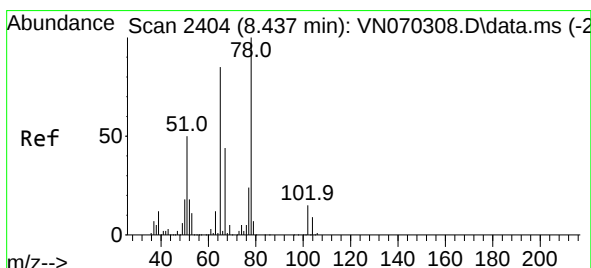
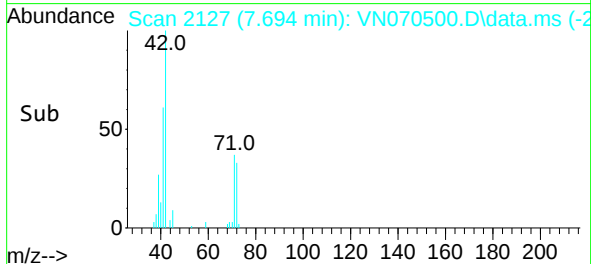
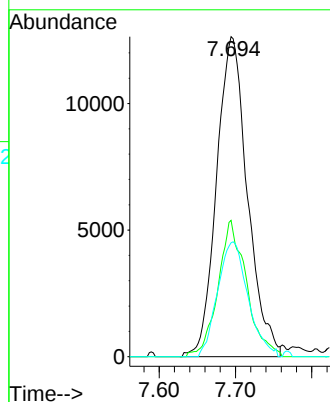
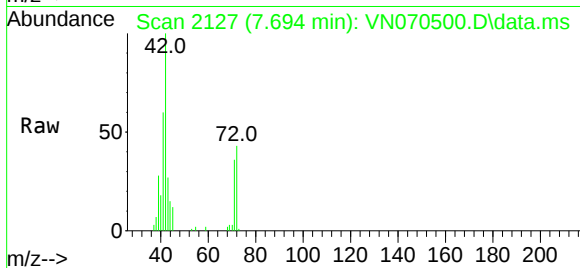
Tgt Ion: 42 Resp: 35516

Ion Ratio Lower Upper

42 100

72 39.3 36.3 54.5

71 35.3 34.7 52.1



#33

1,2-Dichloroethane-d4

Concen: 49.422 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070500.D

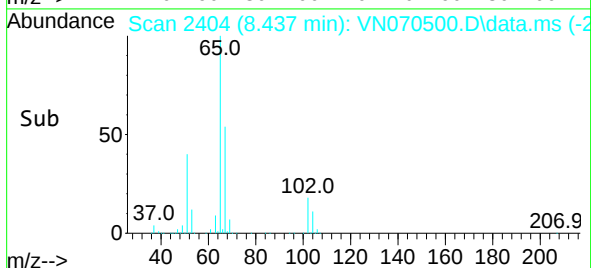
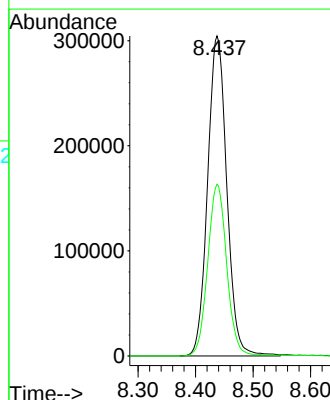
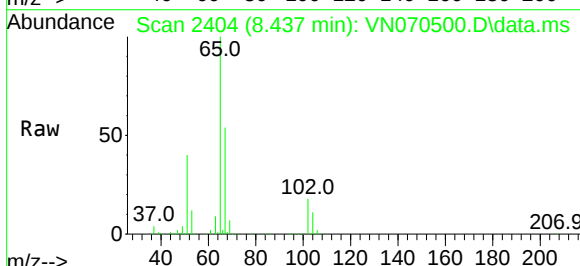
Acq: 5 Jan 2022 19:45

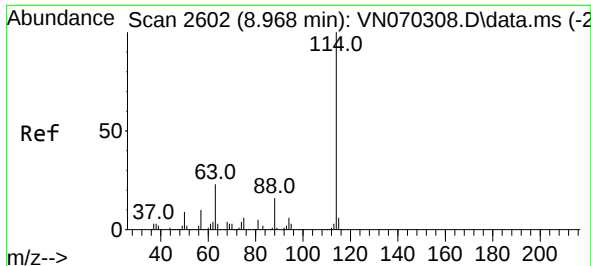
Tgt Ion: 65 Resp: 706537

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0

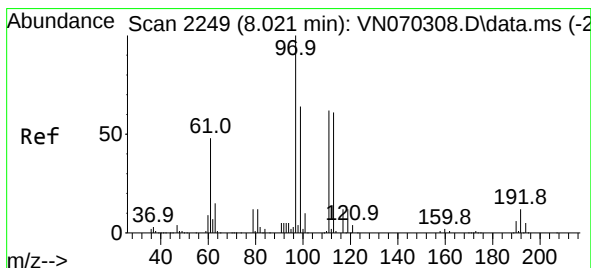
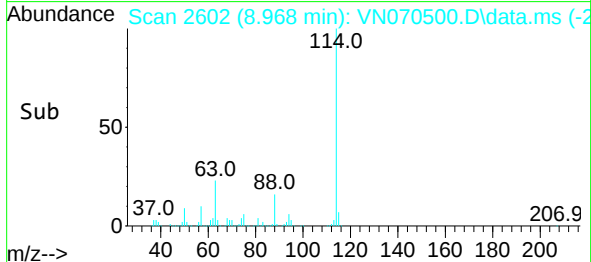
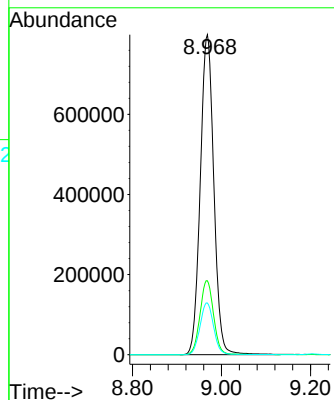
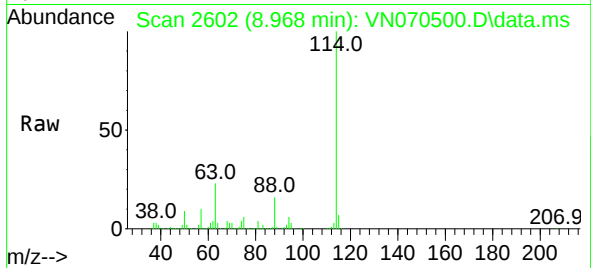




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070500.D
Acq: 5 Jan 2022 19:45

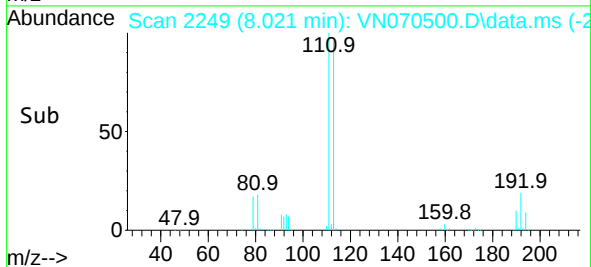
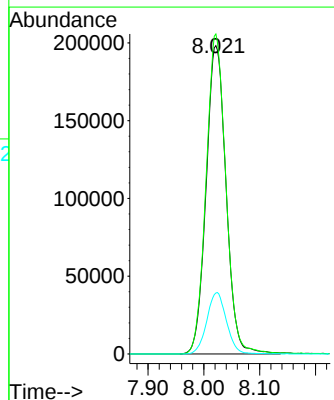
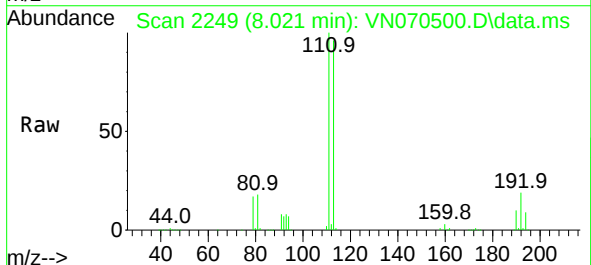
Instrument :
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ClientSampleId :
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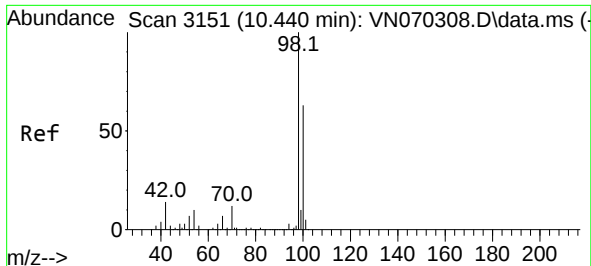
Tgt Ion:114 Resp: 1688239
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.424 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070500.D
Acq: 5 Jan 2022 19:45

Tgt Ion:113 Resp: 494632
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.6 16.9 25.3

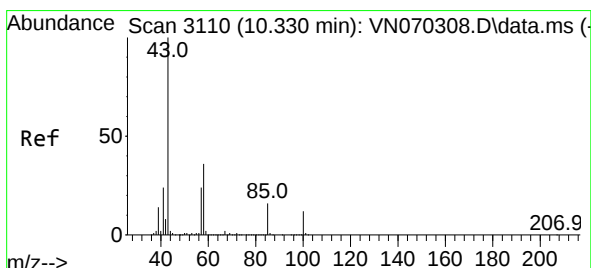
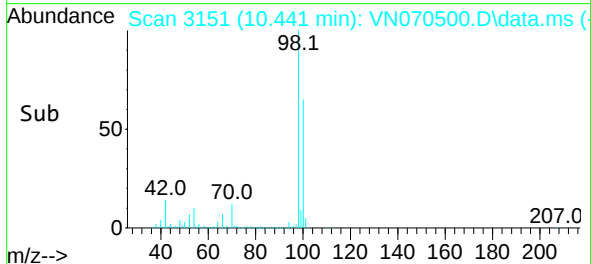
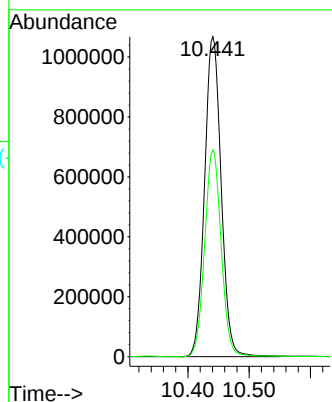
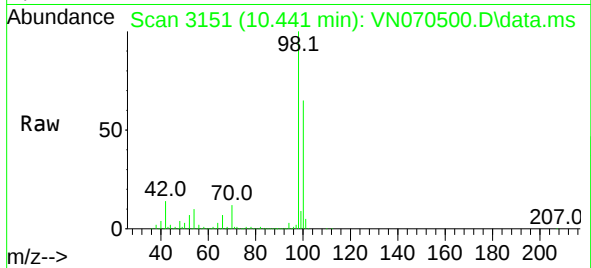




#50
Toluene-d8
Concen: 48.162 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070500.D
Acq: 5 Jan 2022 19:45

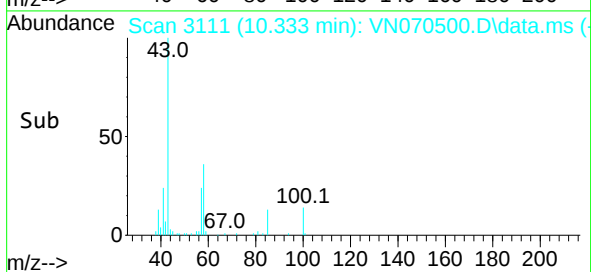
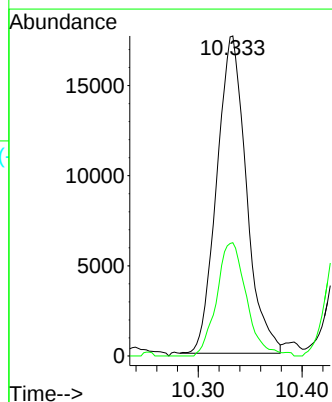
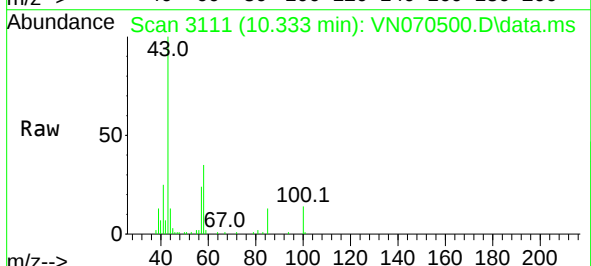
Instrument :
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ClientSampleId :
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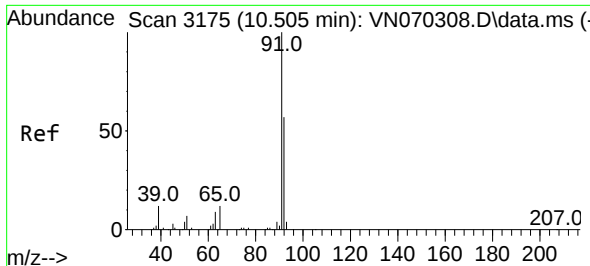
Tgt Ion: 98 Resp: 2009698
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.604 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN070500.D
Acq: 5 Jan 2022 19:45

Tgt Ion: 43 Resp: 34800
Ion Ratio Lower Upper
43 100
58 35.7 30.4 45.6

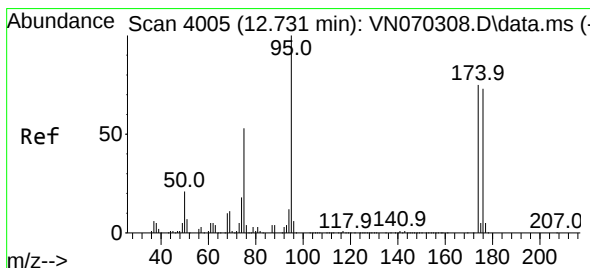
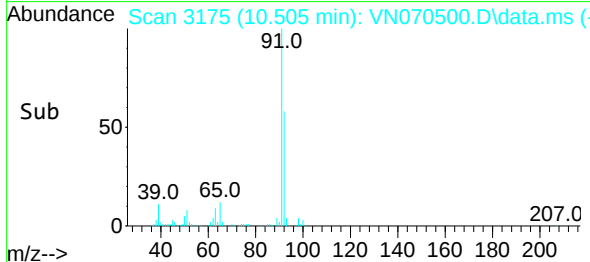
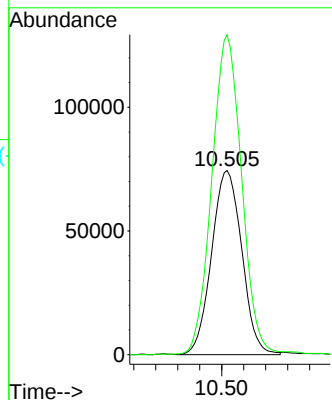
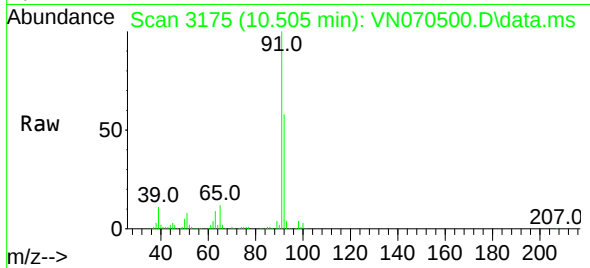




#52
Toluene
Concen: 4.529 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070500.D
Acq: 5 Jan 2022 19:45

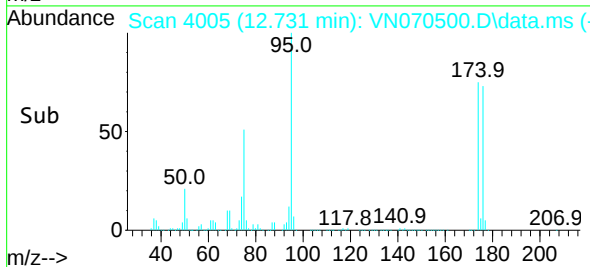
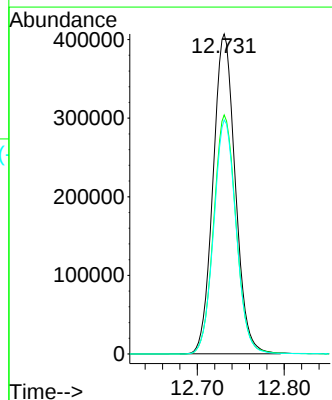
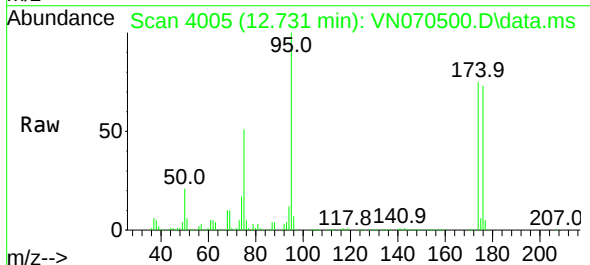
Instrument :
MSVOA_N
ClientSampleId :
31334

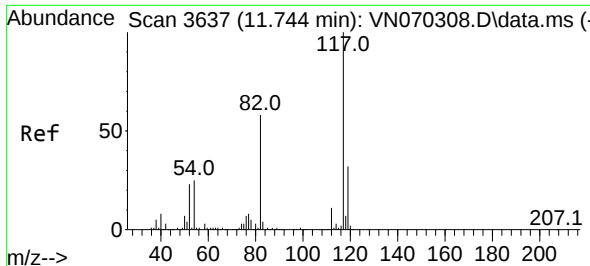
Tgt Ion: 92 Resp: 142026
Ion Ratio Lower Upper
92 100
91 171.5 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 47.922 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070500.D
Acq: 5 Jan 2022 19:45

Tgt Ion: 95 Resp: 722250
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 73.6 0.0 181.4

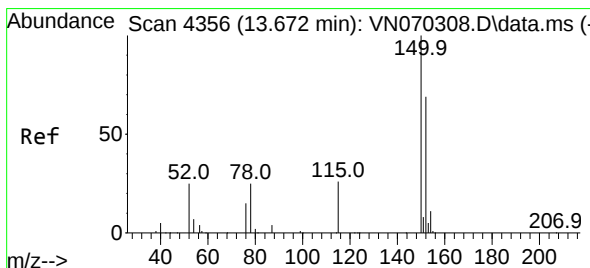
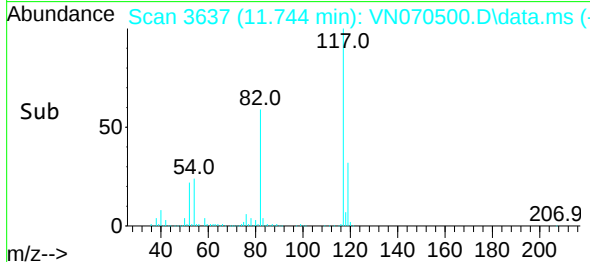
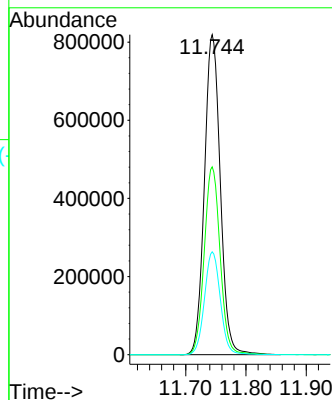
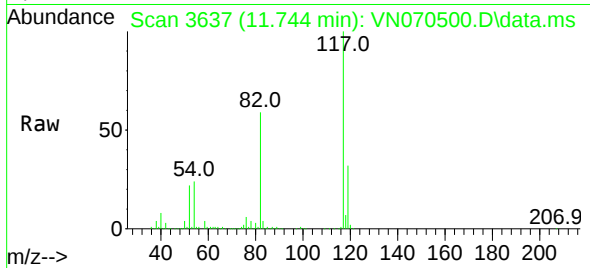




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 31334
Delta R.T. -0.000 min
Lab File: VN070500.D
Acq: 5 Jan 2022 19:45

Instrument :
MSVOA_N
ClientSampleId :
31334

Tgt Ion:117 Resp: 1500702
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070500.D
Acq: 5 Jan 2022 19:45

Tgt Ion:152 Resp: 522938
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 158.4 0.0 344.4

