

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070467.D
 Acq On : 4 Jan 2022 16:43
 Operator : JC/MD
 Sample : M5253-01ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 05 03:18:04 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	8.078	168	1062043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	2097470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2294771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1064393	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	793623	51.972	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.940%	
35) Dibromofluoromethane	8.016	113	575593	45.355	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 90.720%	
50) Toluene-d8	10.438	98	2723359	52.531	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	12.731	95	1174970	62.750	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 125.500%	

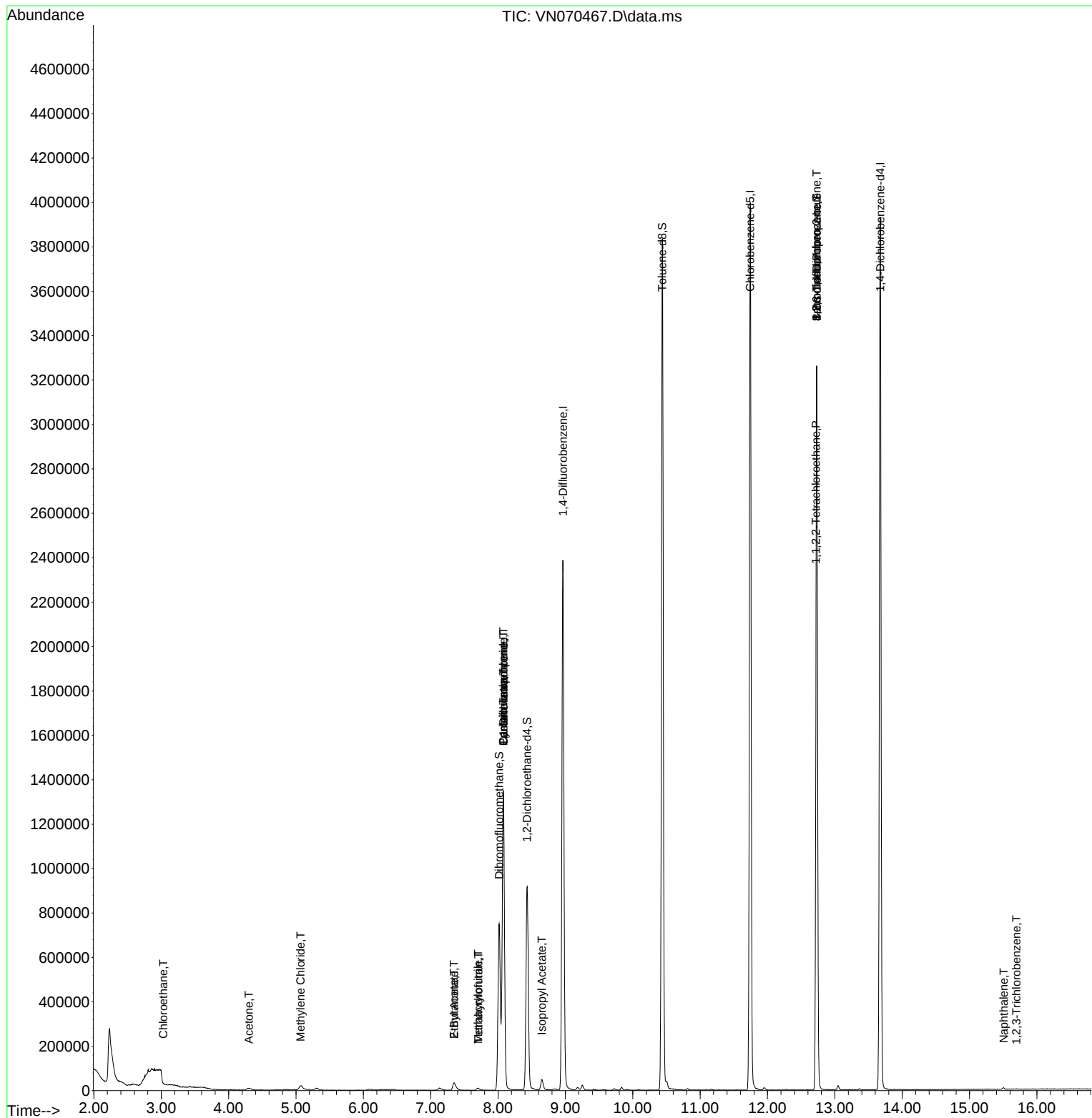
Target Compounds				Qvalue		
6) Chloroethane	3.027	64	1829	0.204	ug/l #	42
16) Acetone	4.299	43	8574	0.865	ug/l	98
20) Methylene Chloride	5.068	84	8039	0.586	ug/l	94
25) 2-Butanone	7.348	43	75464	6.046	ug/l #	89
29) Tetrahydrofuran	7.707	42	9180	1.233	ug/l #	38
31) Cyclohexane	8.078	56	23517	0.976	ug/l #	1
36) 1,1-Dichloropropene	8.078	75	86123	4.102	ug/l #	48
37) Ethyl Acetate	7.348	43	75464	2.773	ug/l #	68
38) Carbon Tetrachloride	8.078	117	103457	5.161	ug/l #	17
41) Methacrylonitrile	7.705	41	4650	0.342	ug/l #	29
43) Isopropyl Acetate	8.649	43	22756	0.530	ug/l #	55
71) Bromoform	12.731	173	6745	0.523	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.720	83	324	0.456	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	610978	21.063	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	610978	70.131	ug/l #	5
95) Naphthalene	15.507	128	6257	1.921	ug/l	98
96) 1,2,3-Trichlorobenzene	15.694	180	350	0.847	ug/l #	51

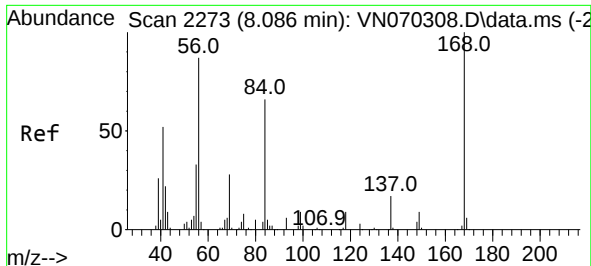
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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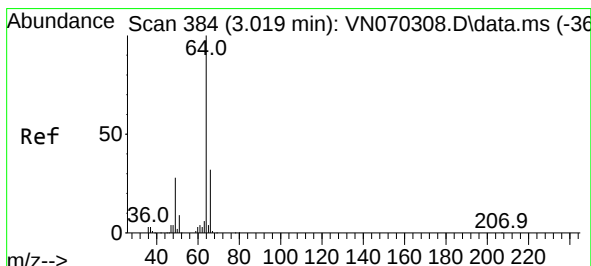
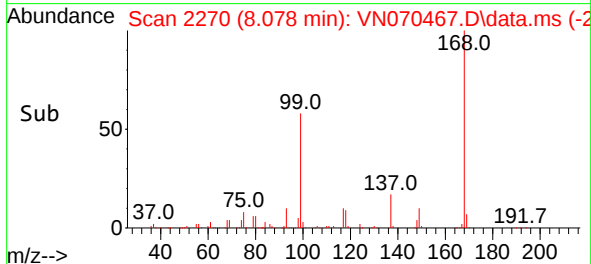
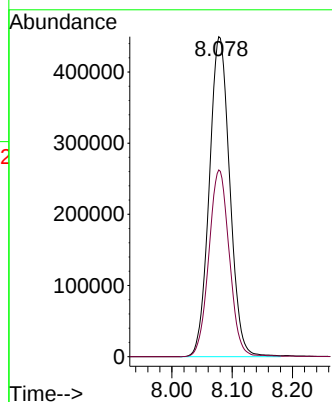
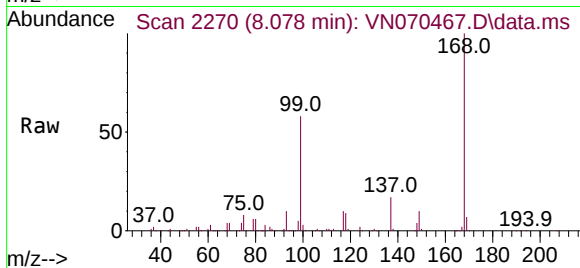




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

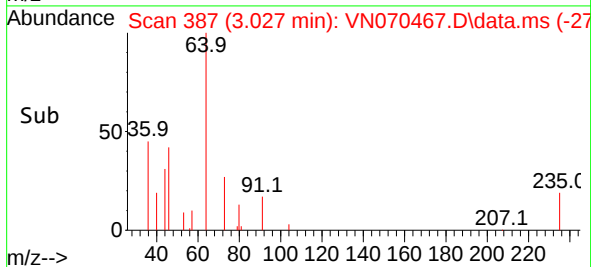
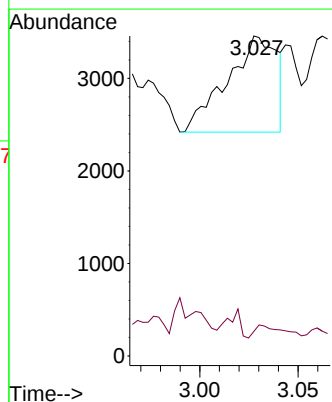
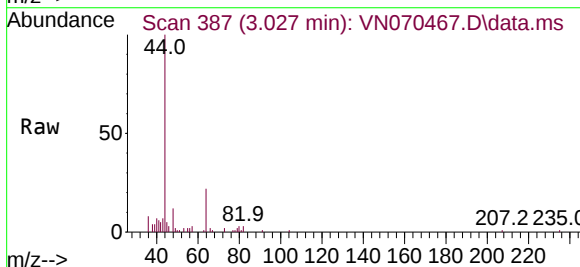
Instrument :
MSVOA_N
ClientSampleId :

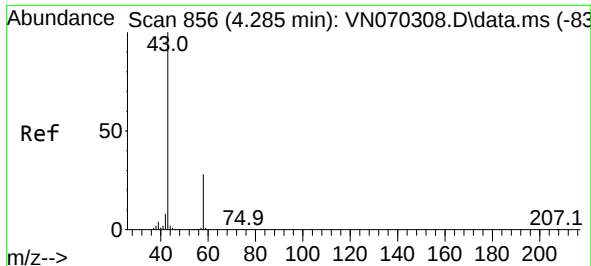
Tgt Ion:168 Resp: 1062043
Ion Ratio Lower Upper
168 100
99 58.3 41.3 61.9



#6
Chloroethane
Concen: 0.204 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.008 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

Tgt Ion: 64 Resp: 1829
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#

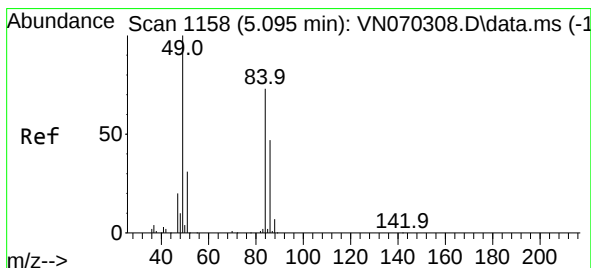
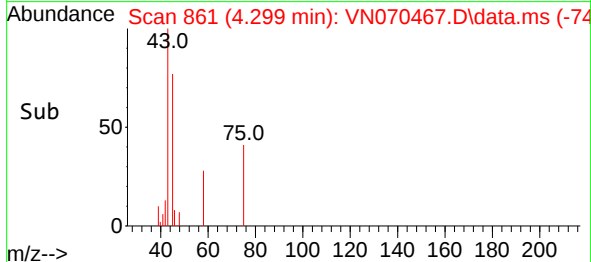
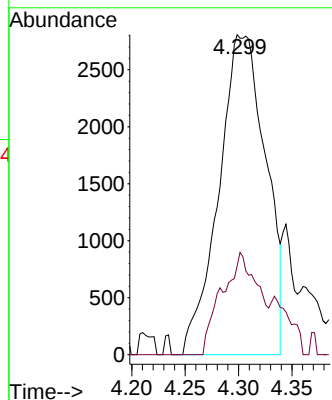
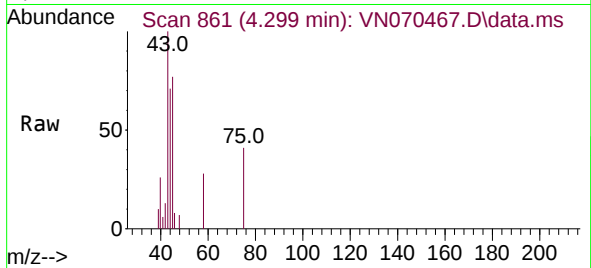




#16
Acetone
Concen: 0.865 ug/l
RT: 4.299 min Scan# 856
Delta R.T. 0.014 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

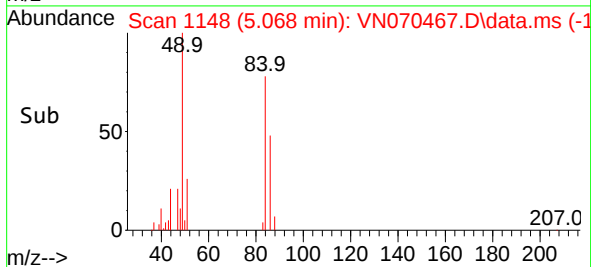
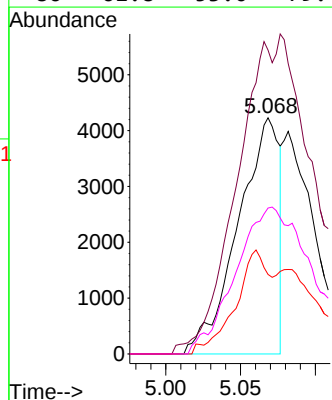
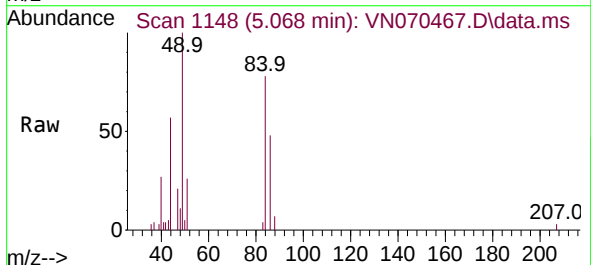
Instrument :
MSVOA_N
ClientSampleId :

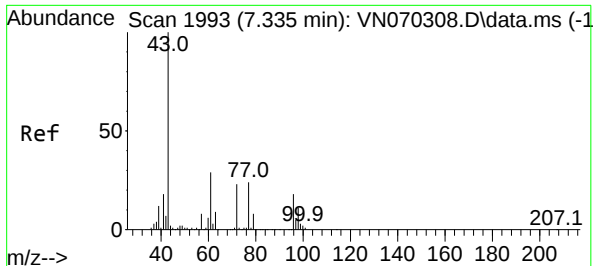
Tgt Ion: 43 Resp: 8574
Ion Ratio Lower Upper
43 100
58 27.7 23.1 34.7



#20
Methylene Chloride
Concen: 0.586 ug/l
RT: 5.068 min Scan# 1148
Delta R.T. -0.027 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

Tgt Ion: 84 Resp: 8039
Ion Ratio Lower Upper
84 100
49 124.6 93.5 140.3
51 33.7 29.4 44.2
86 61.8 53.0 79.4





#25

2-Butanone

Concen: 6.046 ug/l

RT: 7.348 min Scan# 1993

Delta R.T. 0.013 min

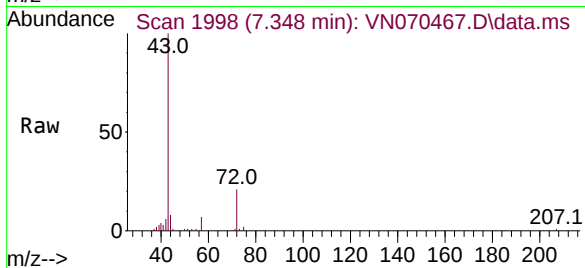
Lab File: VN070467.D

Acq: 4 Jan 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

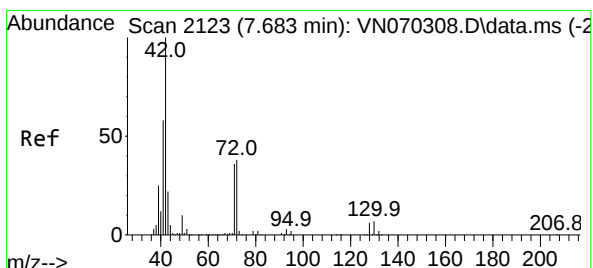
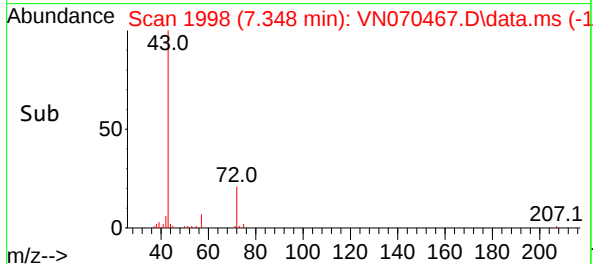
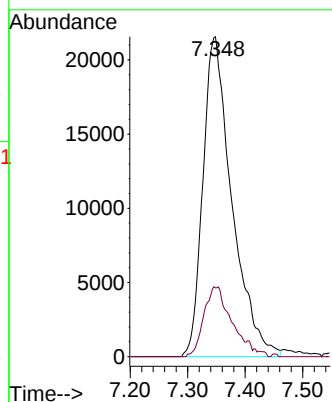


Tgt Ion: 43 Resp: 75464

Ion Ratio Lower Upper

43 100

72 21.5 21.7 32.5#



#29

Tetrahydrofuran

Concen: 1.233 ug/l

RT: 7.707 min Scan# 2132

Delta R.T. 0.024 min

Lab File: VN070467.D

Acq: 4 Jan 2022 16:43

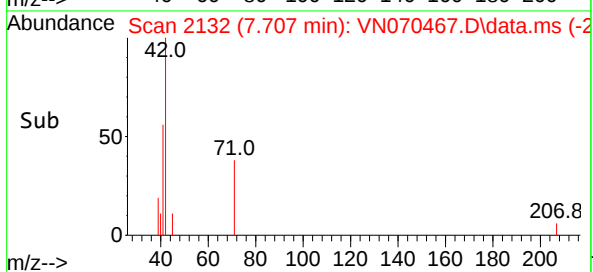
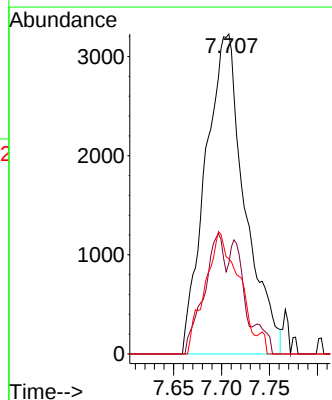
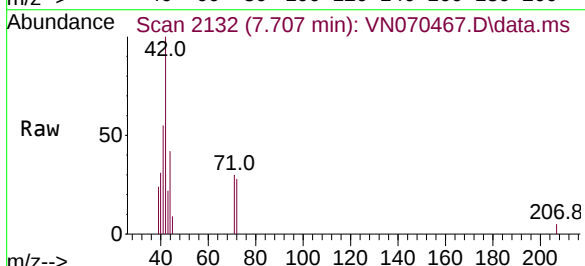
Tgt Ion: 42 Resp: 9180

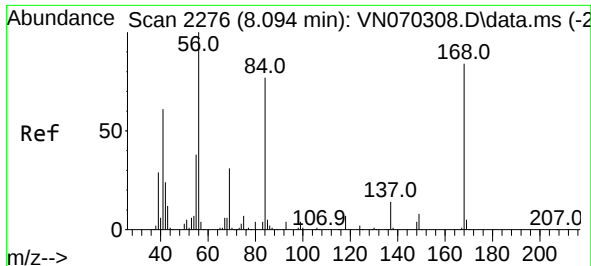
Ion Ratio Lower Upper

42 100

72 8.2 36.3 54.5#

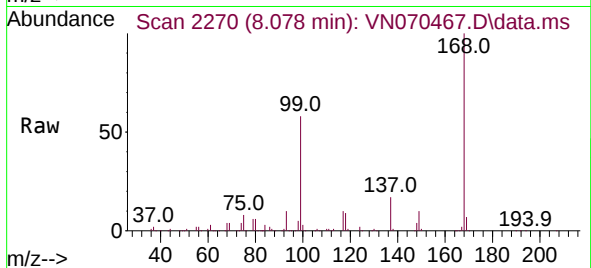
71 0.0 34.7 52.1#



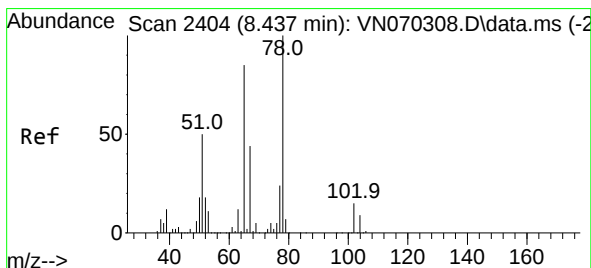
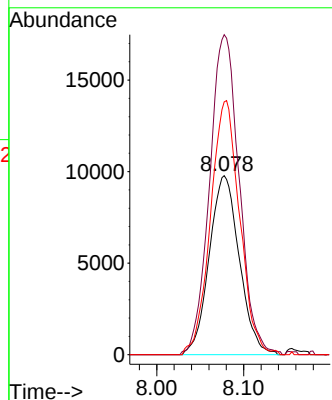
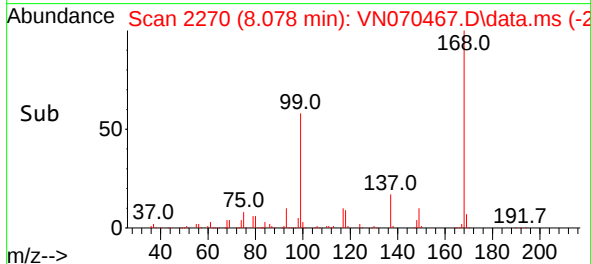


#31
Cyclohexane
Concen: 0.976 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.016 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :

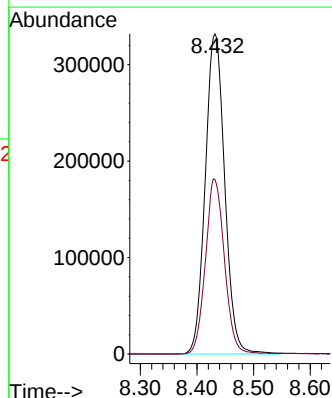
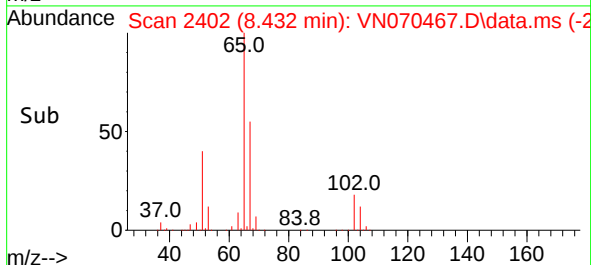
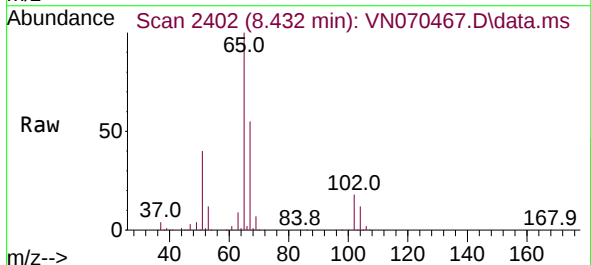


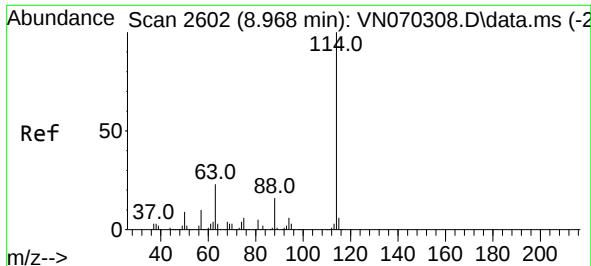
Tgt Ion: 56 Resp: 23517
Ion Ratio Lower Upper
56 100
69 178.7 27.1 40.7#
84 141.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.972 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

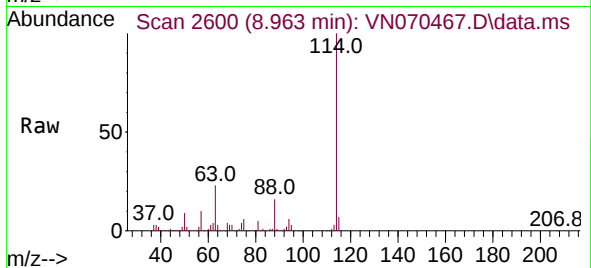
Tgt Ion: 65 Resp: 793623
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0



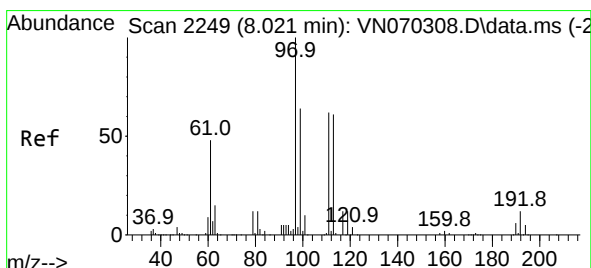
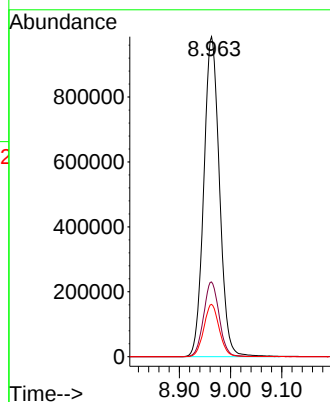
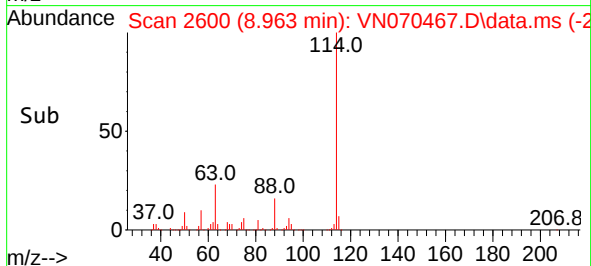


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2097
Delta R.T. -0.005 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

Instrument :
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ClientSampleId :

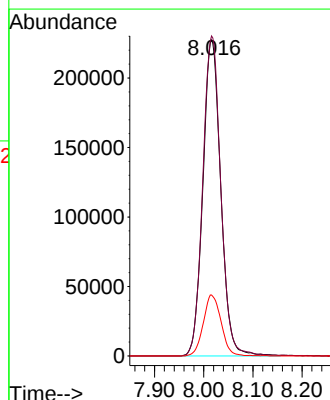
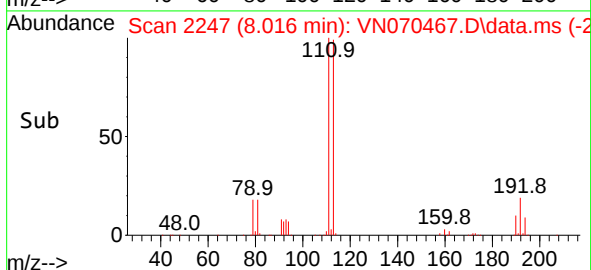
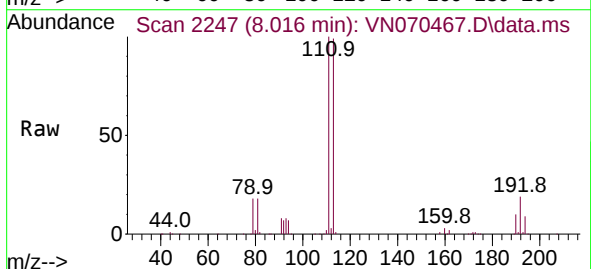


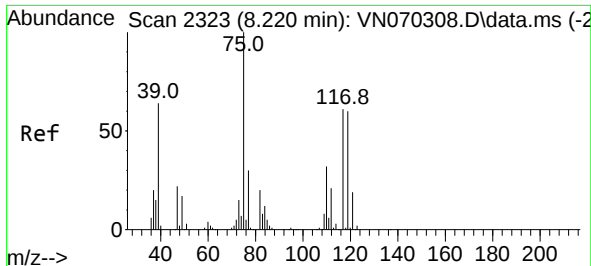
Tgt Ion:114 Resp: 2097470
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.355 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.005 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

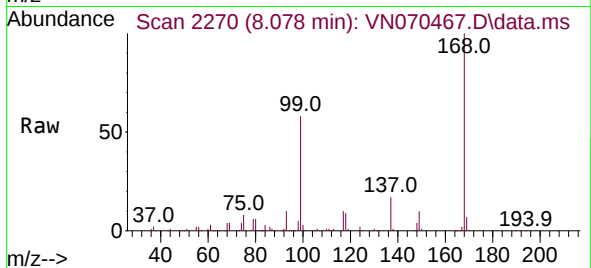
Tgt Ion:113 Resp: 575593
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 19.1 16.9 25.3



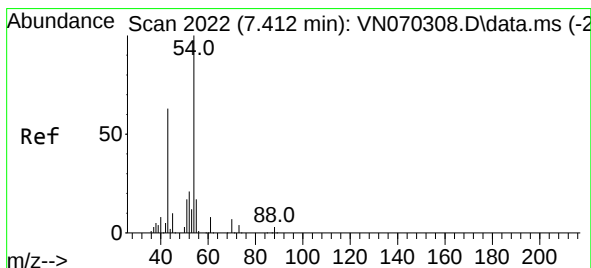
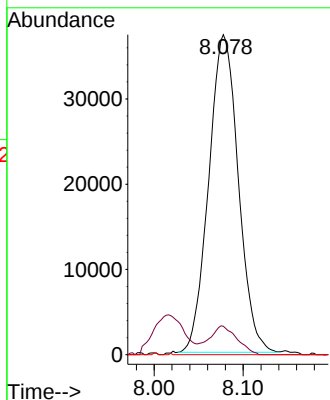
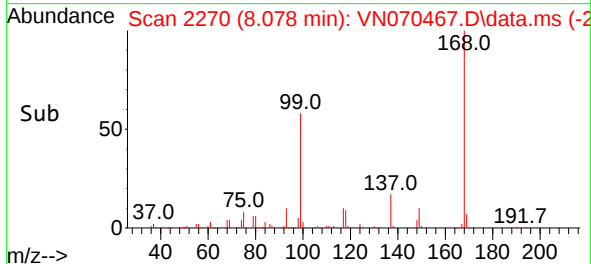


#36
1,1-Dichloropropene
Concen: 4.102 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.142 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

Instrument :
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ClientSampleId :

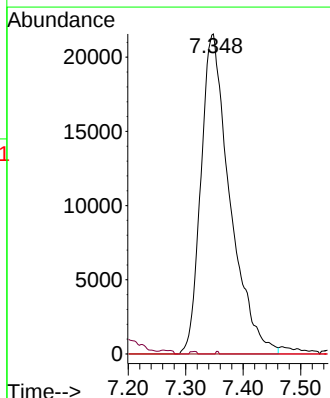
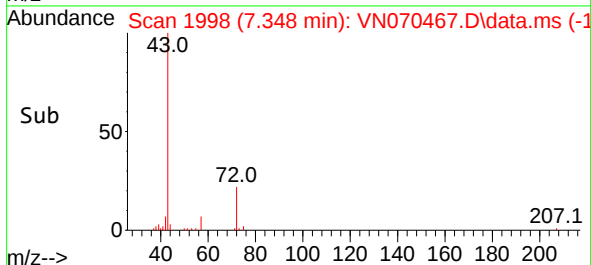
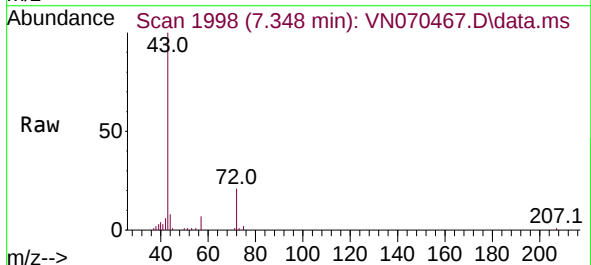


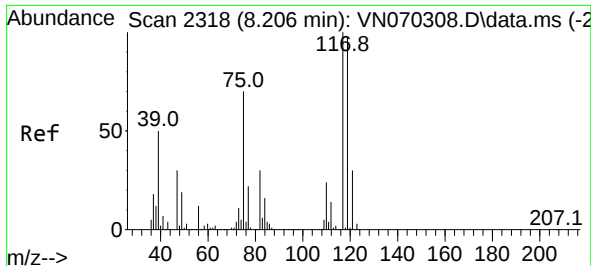
Tgt Ion: 75 Resp: 86123
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.773 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. -0.064 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

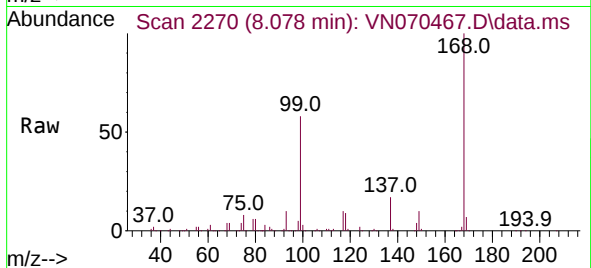
Tgt Ion: 43 Resp: 75464
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



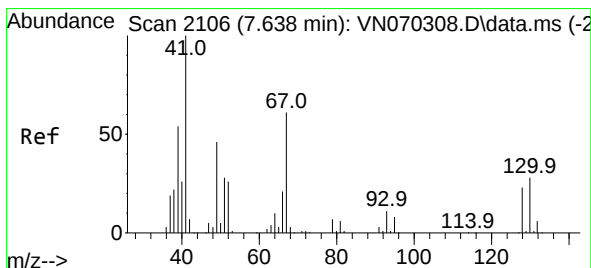
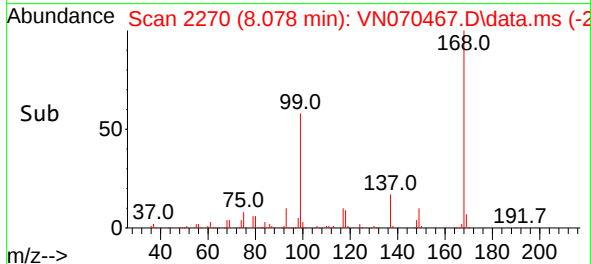
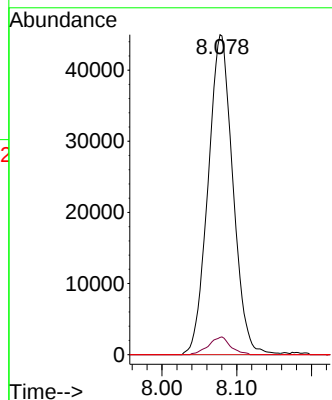


#38
Carbon Tetrachloride
Concen: 5.161 ug/l
RT: 8.078 min Scan# 2117
Delta R.T. -0.128 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :

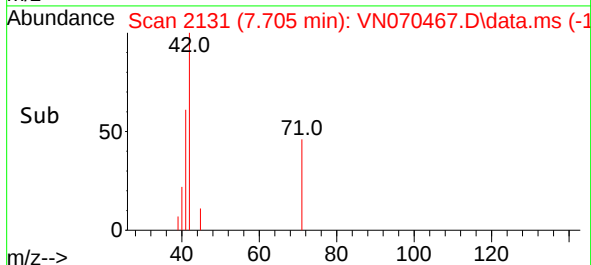
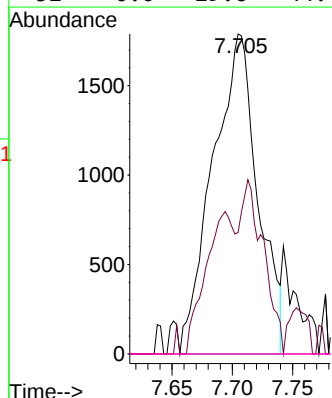
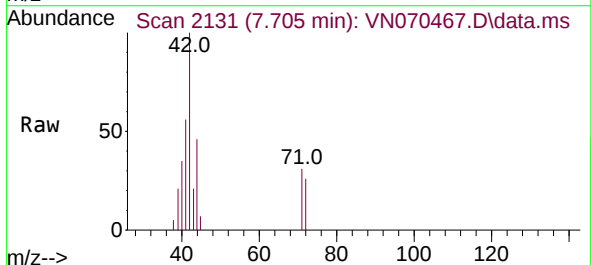


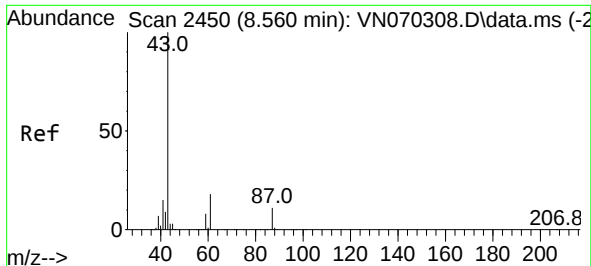
Tgt Ion:117 Resp: 103457
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.342 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.067 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

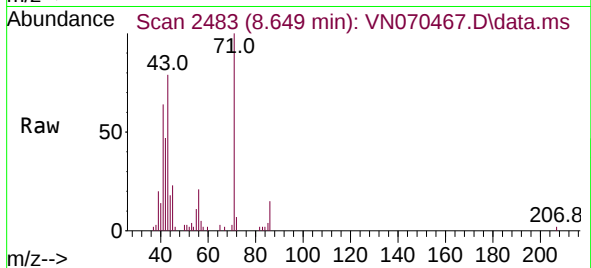
Tgt Ion: 41 Resp: 4650
Ion Ratio Lower Upper
41 100
39 26.7 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



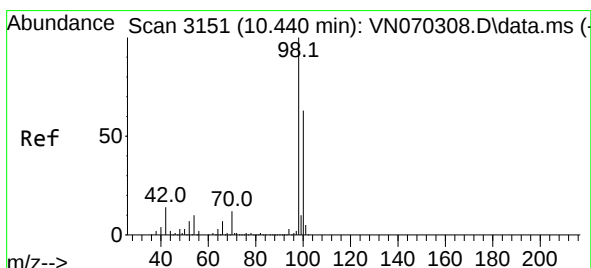
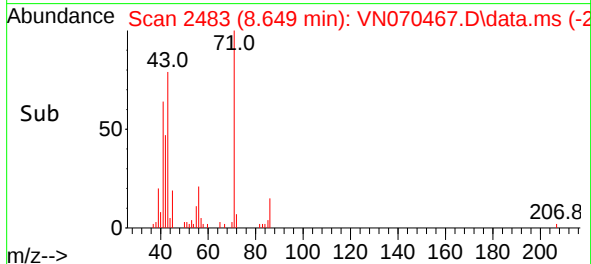
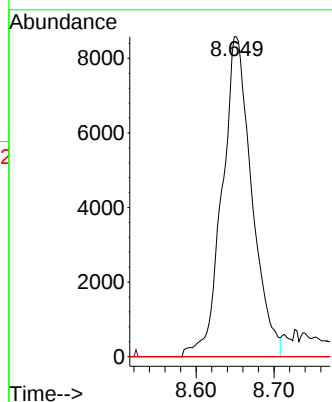


#43
Isopropyl Acetate
Concen: 0.530 ug/l
RT: 8.649 min Scan# 2450
Delta R.T. 0.089 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :

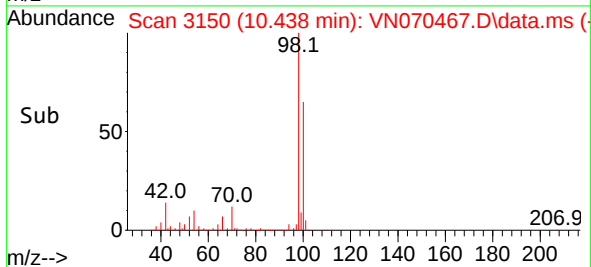
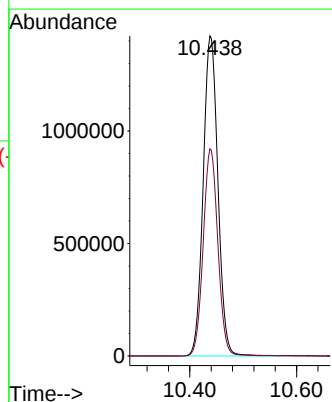
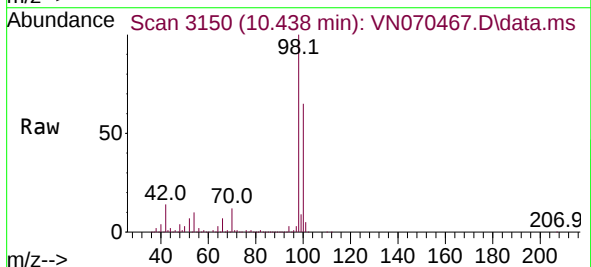


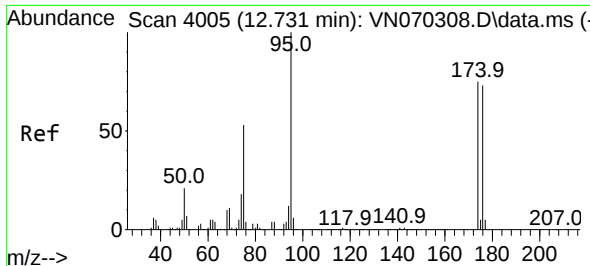
Tgt Ion: 43 Resp: 22756
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 52.531 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

Tgt Ion: 98 Resp: 2723359
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

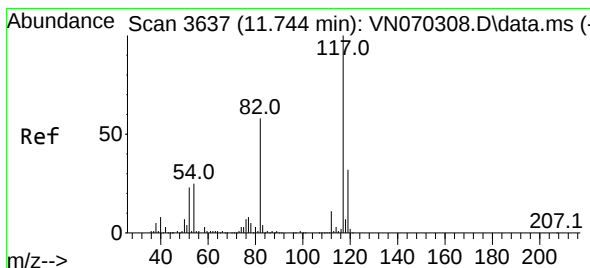
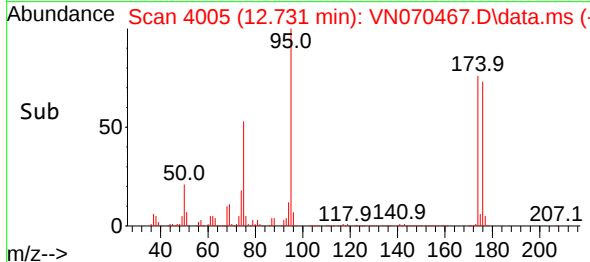
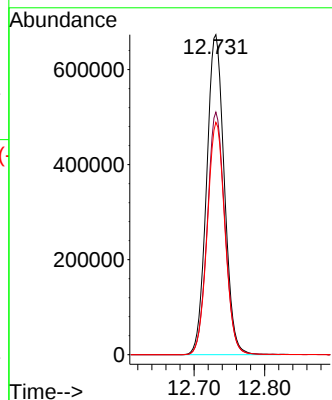
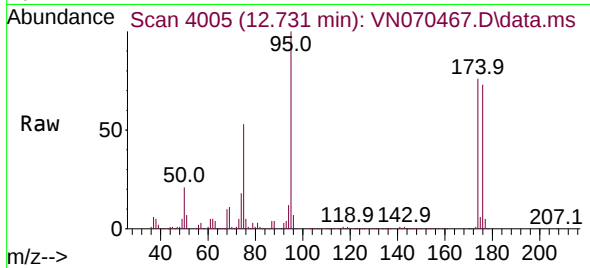




#62
4-Bromofluorobenzene
Concen: 62.750 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

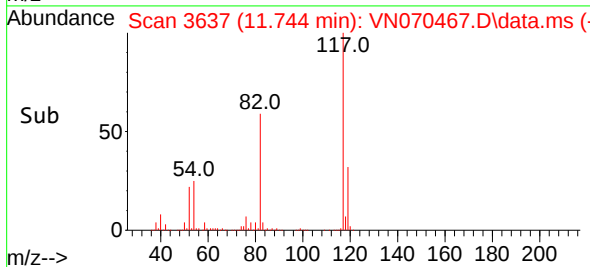
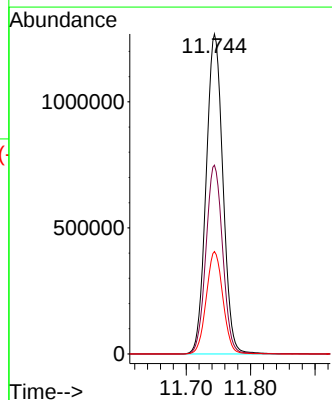
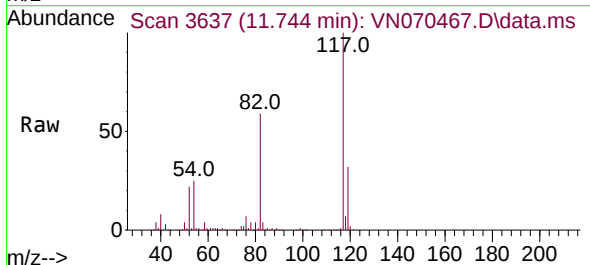
Instrument :
MSVOA_N
ClientSampleId :

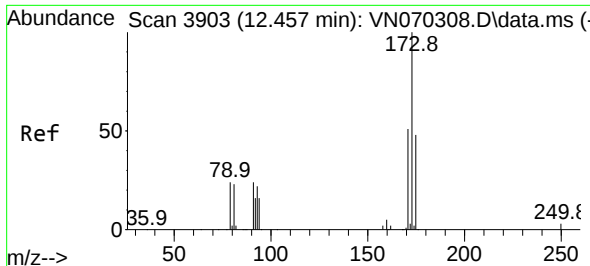
Tgt Ion: 95 Resp: 1174970
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

Tgt Ion: 117 Resp: 2294771
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.0 25.4 38.2

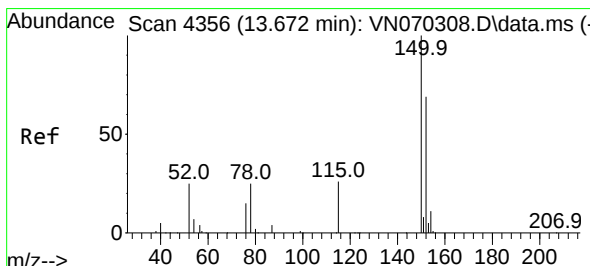
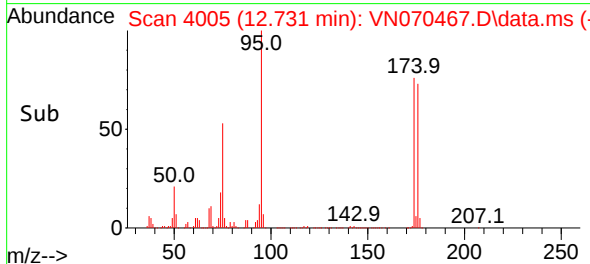
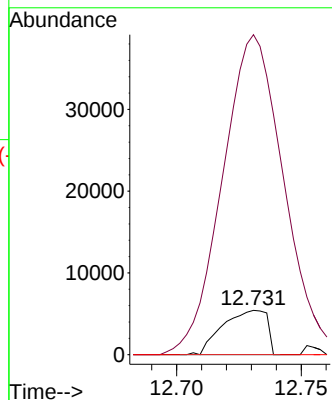
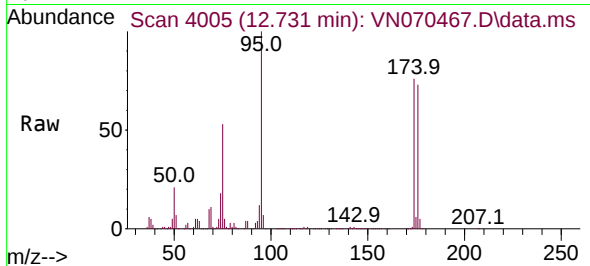




#71
Bromoform
Concen: 0.523 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.274 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

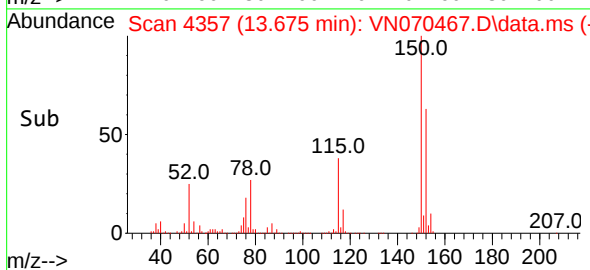
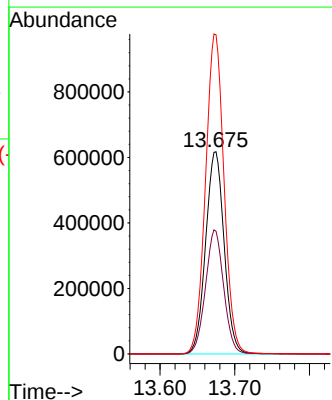
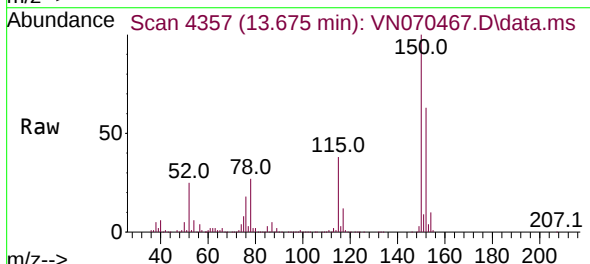
Instrument :
MSVOA_N
ClientSampleId :

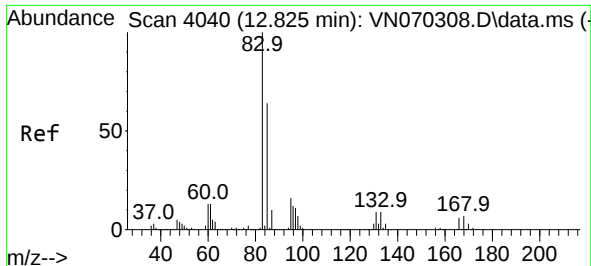
Tgt Ion:173 Resp: 6745
Ion Ratio Lower Upper
173 100
175 920.5 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

Tgt Ion:152 Resp: 1064393
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 157.8 0.0 344.4

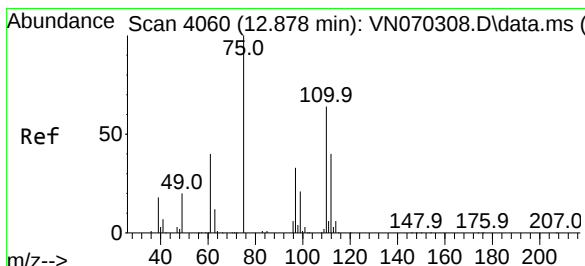
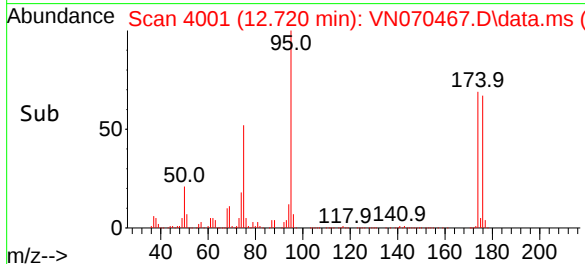
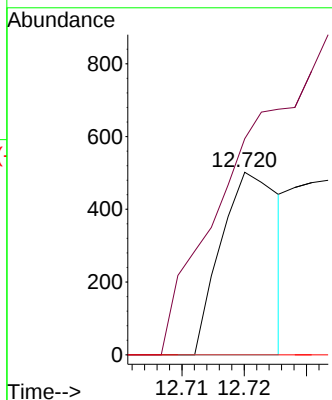
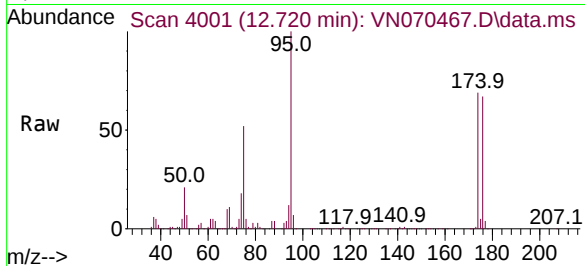




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.456 ug/l
 RT: 12.720 min Scan# 4001
 Delta R.T. -0.105 min
 Lab File: VN070467.D
 Acq: 4 Jan 2022 16:43

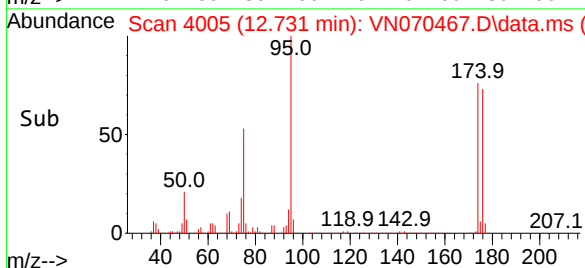
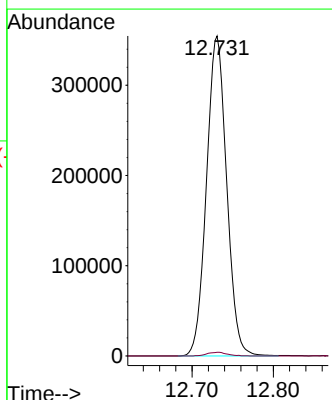
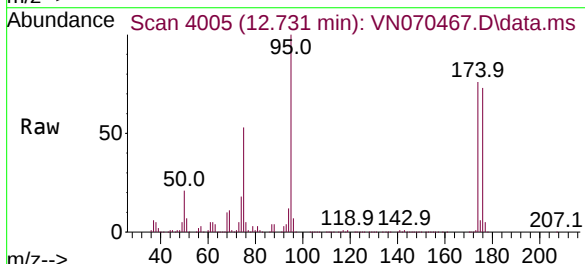
Instrument :
 MSVOA_N
 ClientSampleId :

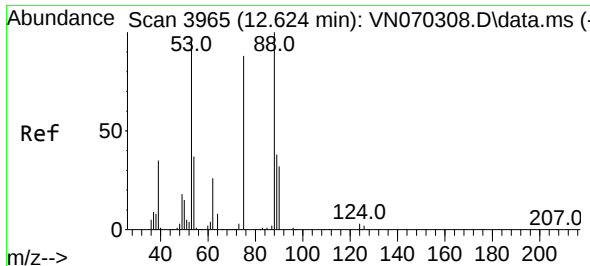
Tgt Ion: 83 Resp: 324
 Ion Ratio Lower Upper
 83 100
 131 439.5 5.5 16.5#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 21.063 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.147 min
 Lab File: VN070467.D
 Acq: 4 Jan 2022 16:43

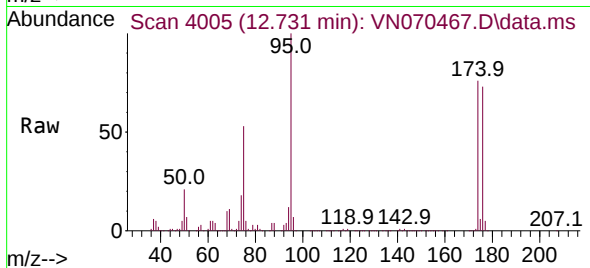
Tgt Ion: 75 Resp: 610978
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#



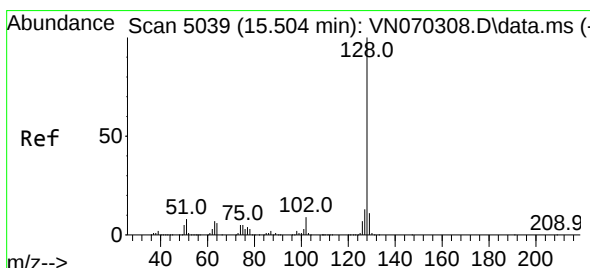
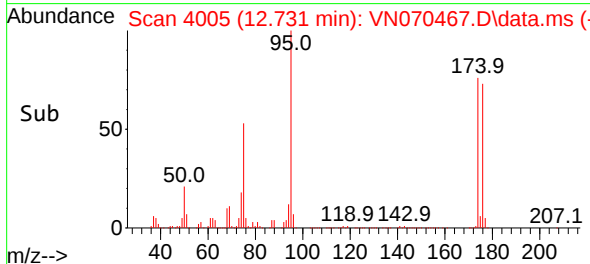
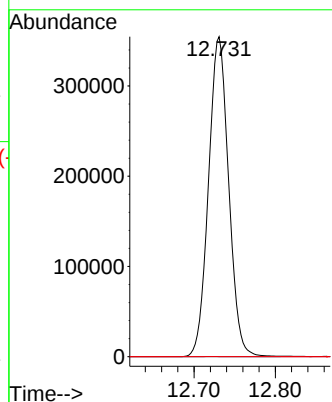


#81
trans-1,4-Dichloro-2-butene
Concen: 70.131 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :

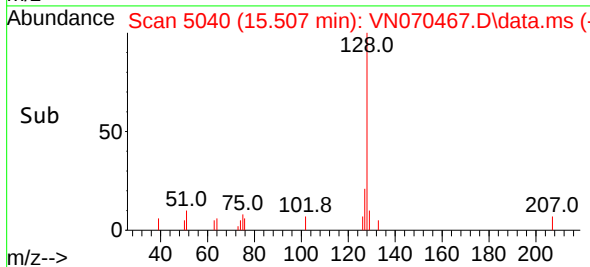
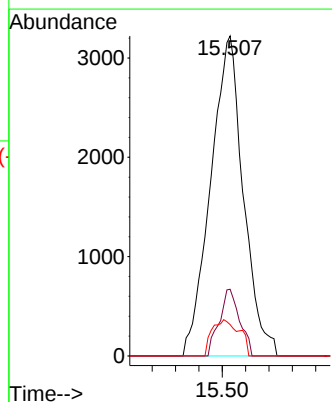
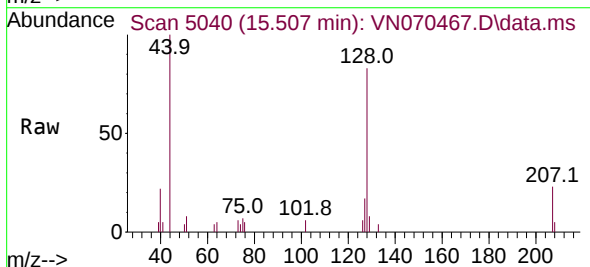


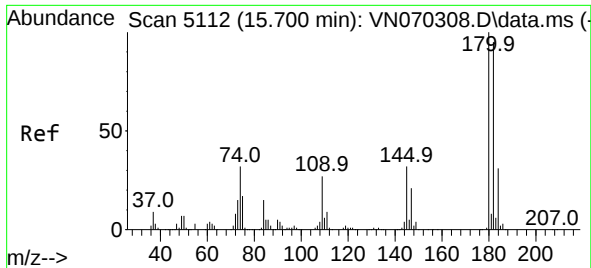
Tgt Ion: 75 Resp: 610978
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.921 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070467.D
Acq: 4 Jan 2022 16:43

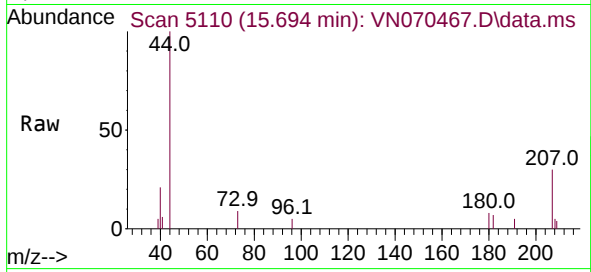
Tgt Ion: 128 Resp: 6257
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 9.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.847 ug/l
 RT: 15.694 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN070467.D
 Acq: 4 Jan 2022 16:43

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 350
 Ion Ratio Lower Upper
 180 100
 182 140.3 47.4 142.2
 145 0.0 15.0 45.1#

