

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070362.D
 Acq On : 29 Dec 2021 20:57
 Operator : JC/MD
 Sample : M5092-05
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PATAPSCO-FEED-PELLETS

Quant Time: Dec 30 01:53:13 2021
 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)

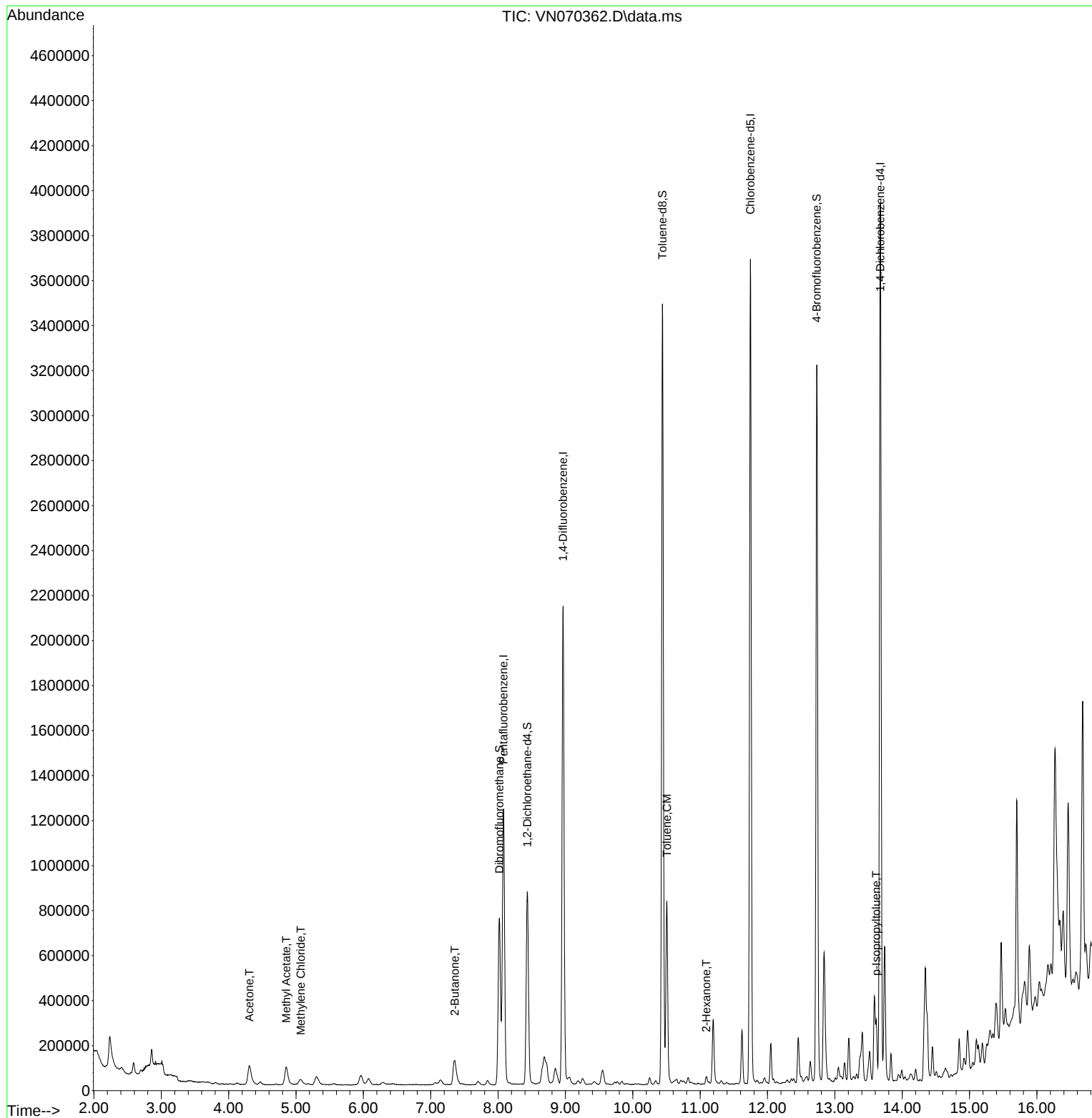
Internal Standards						
1) Pentafluorobenzene	8.080	168	941798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1839088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2087060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1038758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	737396	54.455	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.920%	
35) Dibromofluoromethane	8.018	113	558609	50.201	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.400%	
50) Toluene-d8	10.440	98	2370109	52.140	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.280%	
62) 4-Bromofluorobenzene	12.731	95	1106221	67.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 134.760%	
Target Compounds						
						Qvalue
16) Acetone	4.307	43	185516	21.104	ug/l	100
18) Methyl Acetate	4.854	43	178676	7.027	ug/l	90
20) Methylene Chloride	5.071	84	17172	1.412	ug/l	96
25) 2-Butanone	7.356	43	242842	21.941	ug/l #	88
52) Toluene	10.505	92	326247	9.551	ug/l	99
59) 2-Hexanone	11.089	43	25418	1.475	ug/l	91
86) p-Isopropyltoluene	13.616	119	136665	1.883	ug/l	99

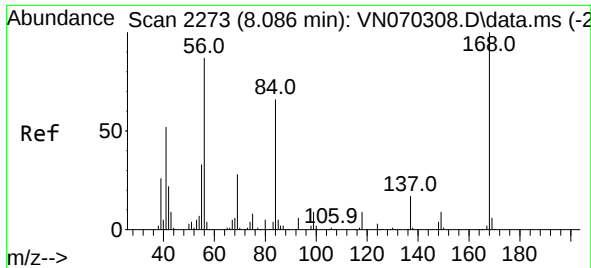
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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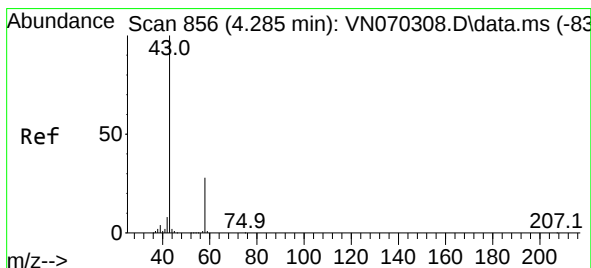
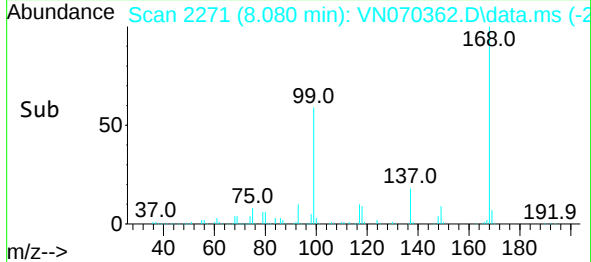
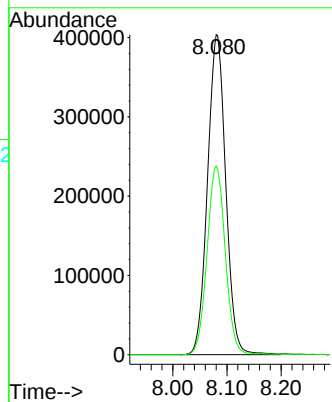
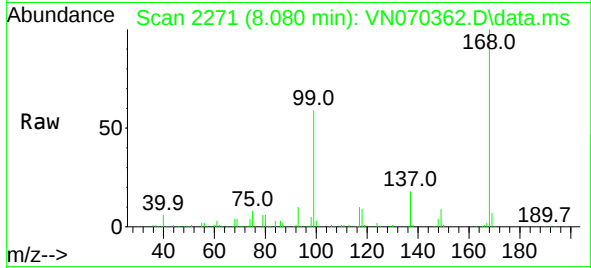




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070362.D
Acq: 29 Dec 2021 20:57

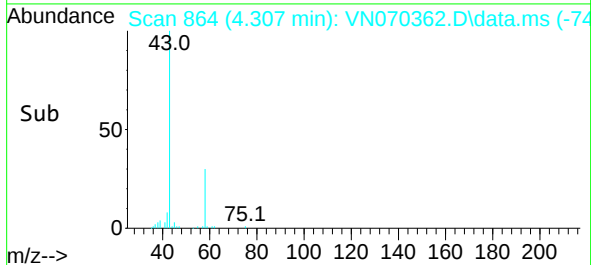
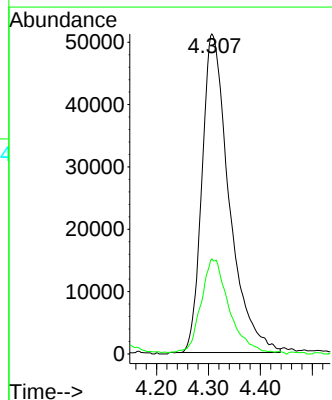
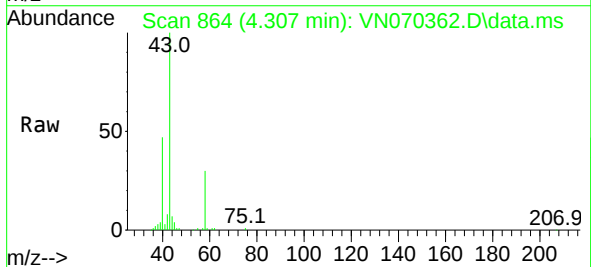
Instrument :
MSVOA_N
ClientSampleId :
PATAPSCO-FEED-PELLETS

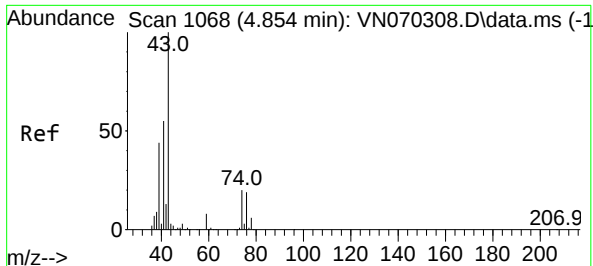
Tgt Ion:168 Resp: 941798
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9



#16
Acetone
Concen: 21.104 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.022 min
Lab File: VN070362.D
Acq: 29 Dec 2021 20:57

Tgt Ion: 43 Resp: 185516
Ion Ratio Lower Upper
43 100
58 29.1 23.1 34.7





#18

Methyl Acetate

Concen: 7.027 ug/l

RT: 4.854 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN070362.D

Acq: 29 Dec 2021 20:57

Instrument :

MSVOA_N

ClientSampleId :

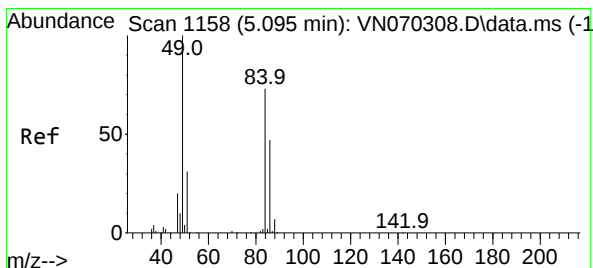
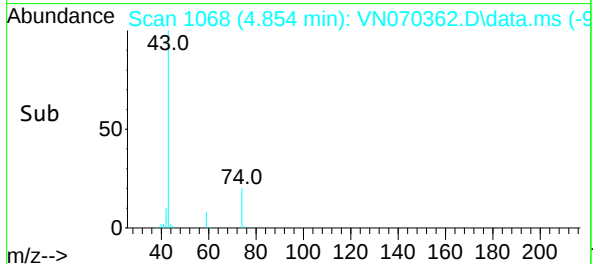
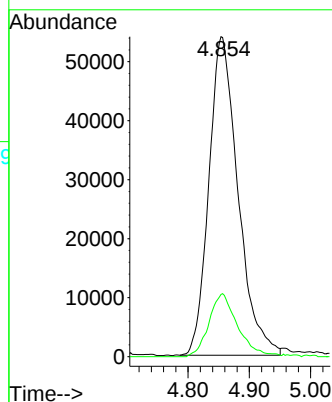
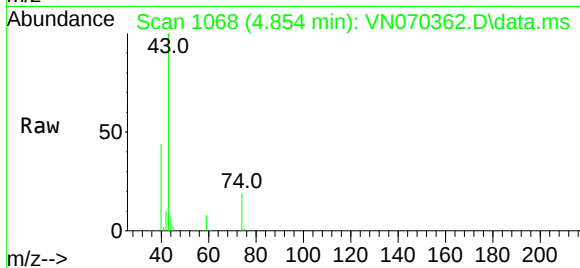
PATAPSCO-FEED-PELLETS

Tgt Ion: 43 Resp: 178676

Ion Ratio Lower Upper

43 100

74 19.5 19.4 29.2



#20

Methylene Chloride

Concen: 1.412 ug/l

RT: 5.071 min Scan# 1149

Delta R.T. -0.024 min

Lab File: VN070362.D

Acq: 29 Dec 2021 20:57

Tgt Ion: 84 Resp: 17172

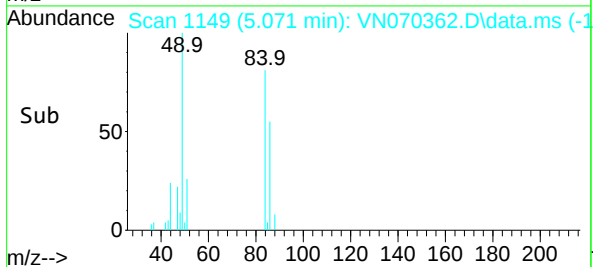
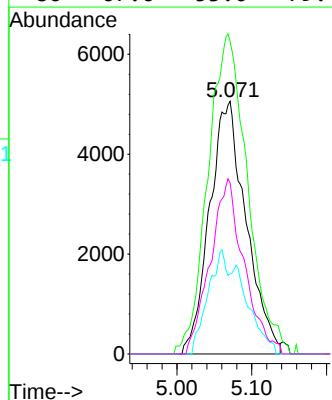
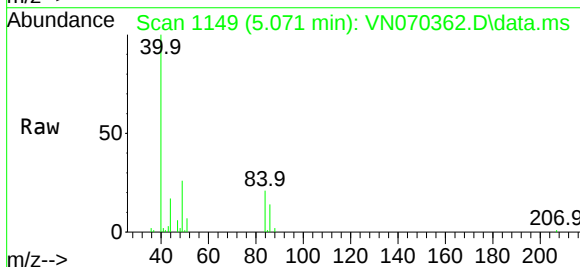
Ion Ratio Lower Upper

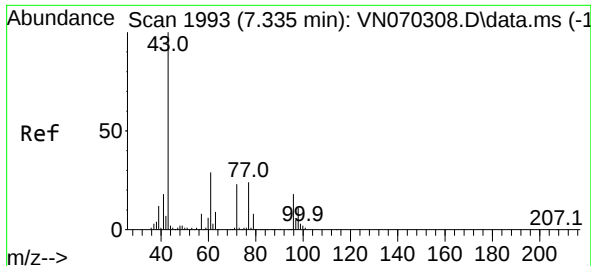
84 100

49 120.4 93.5 140.3

51 31.7 29.4 44.2

86 67.6 53.0 79.4

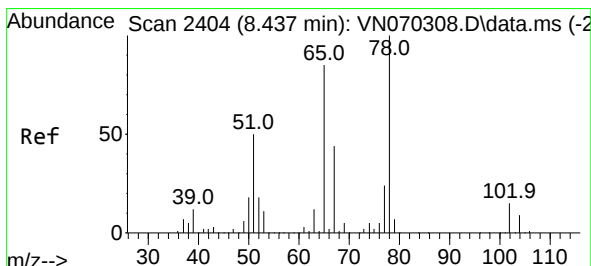
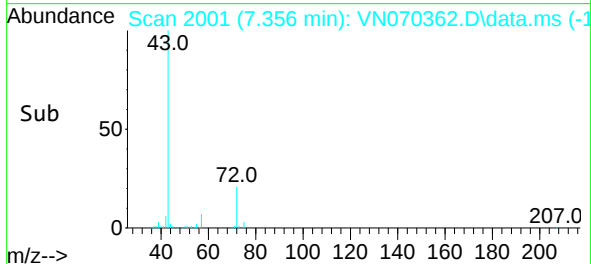
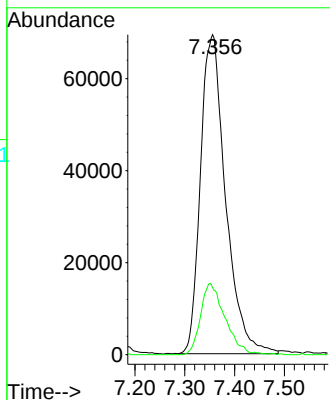
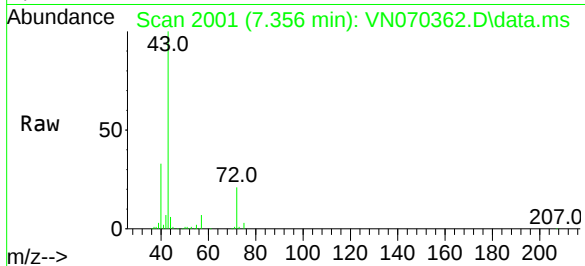




#25
2-Butanone
Concen: 21.941 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.021 min
Lab File: VN070362.D
Acq: 29 Dec 2021 20:57

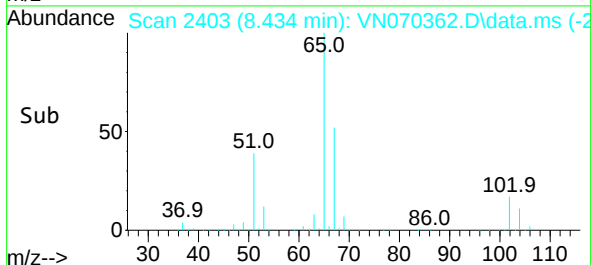
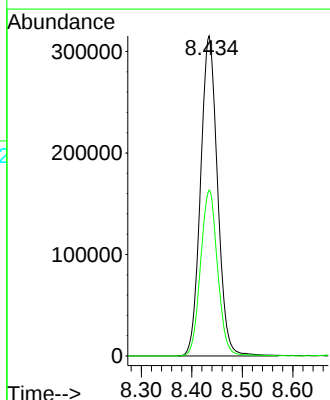
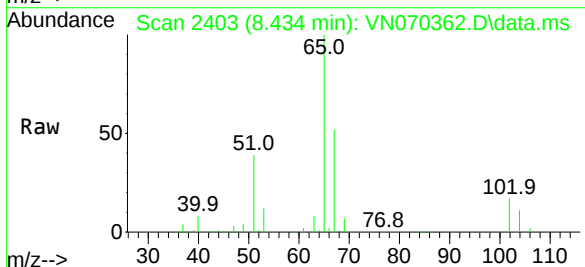
Instrument :
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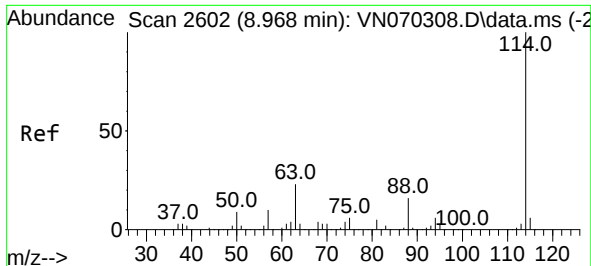
Tgt Ion: 43 Resp: 242842
Ion Ratio Lower Upper
43 100
72 21.0 21.7 32.5#



#33
1,2-Dichloroethane-d4
Concen: 54.455 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070362.D
Acq: 29 Dec 2021 20:57

Tgt Ion: 65 Resp: 737396
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

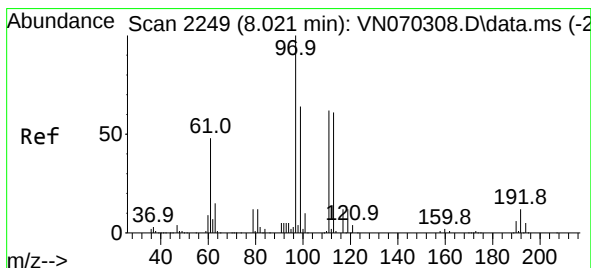
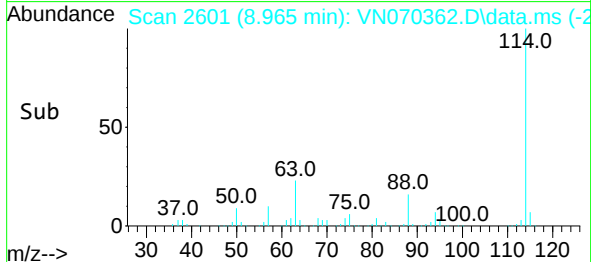
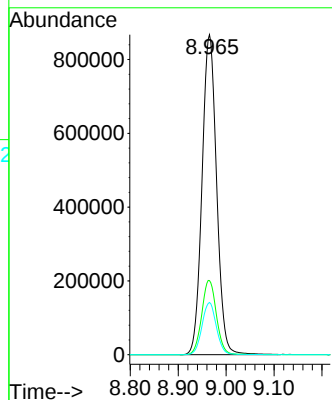
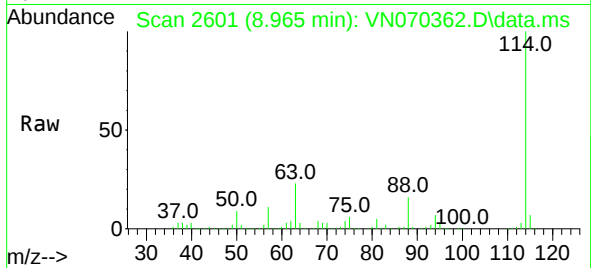




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2
Delta R.T. -0.003 min
Lab File: VN070362.D
Acq: 29 Dec 2021 20:57

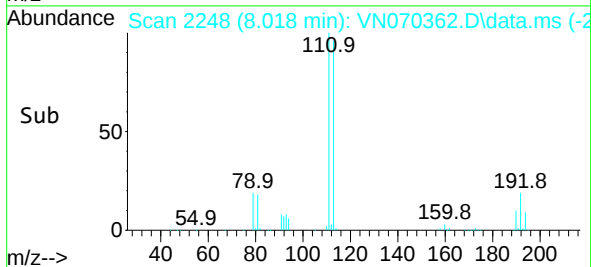
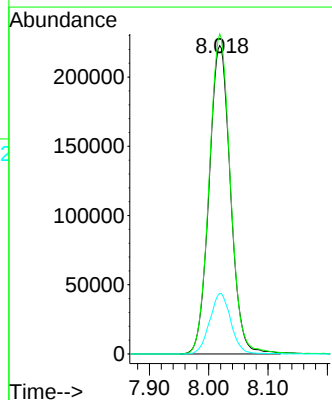
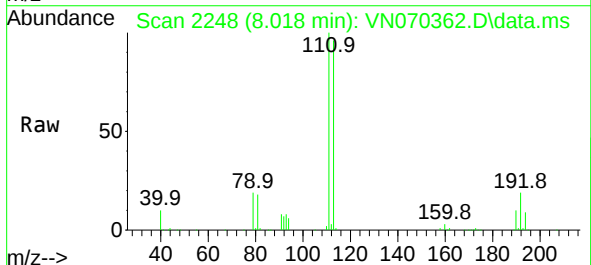
Instrument :
MSVOA_N
ClientSampleId :
PATAPSCO-FEED-PELLETS

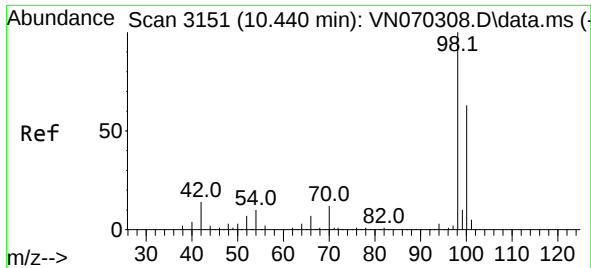
Tgt Ion:114 Resp: 1839088
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 50.201 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN070362.D
Acq: 29 Dec 2021 20:57

Tgt Ion:113 Resp: 558609
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.3 16.9 25.3

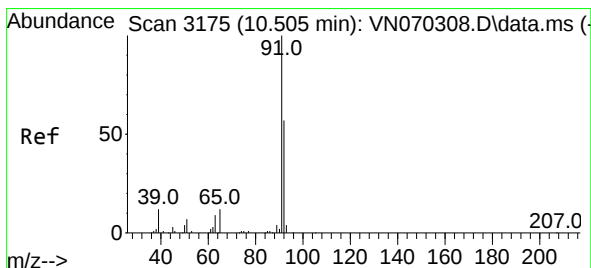
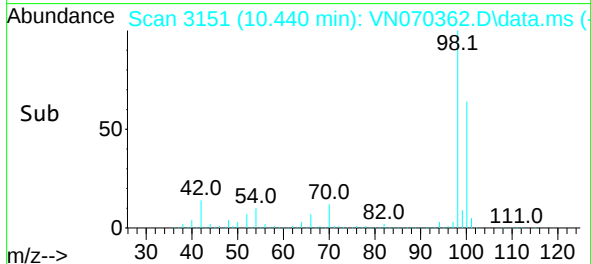
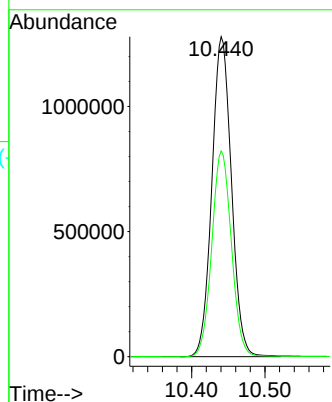
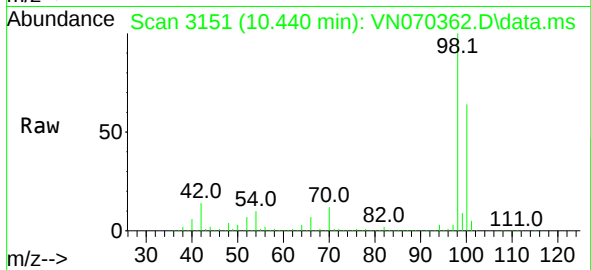




#50
Toluene-d8
Concen: 52.140 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070362.D
Acq: 29 Dec 2021 20:57

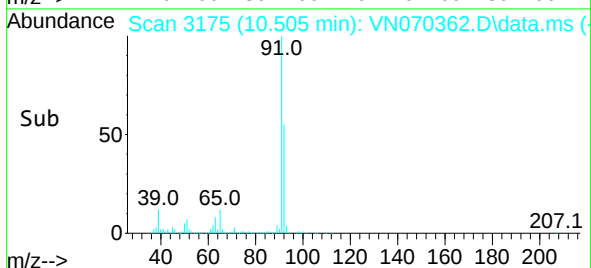
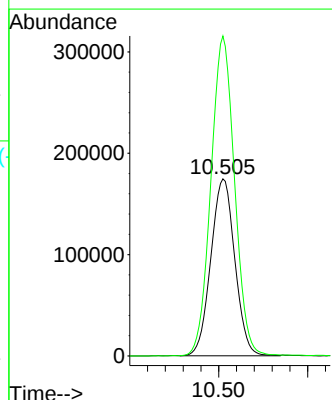
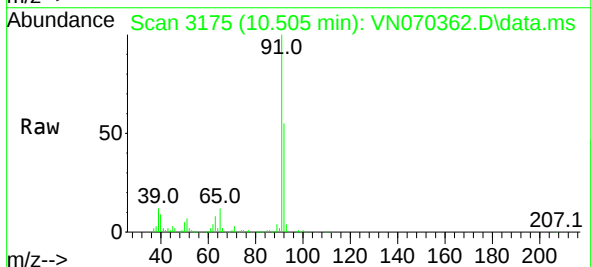
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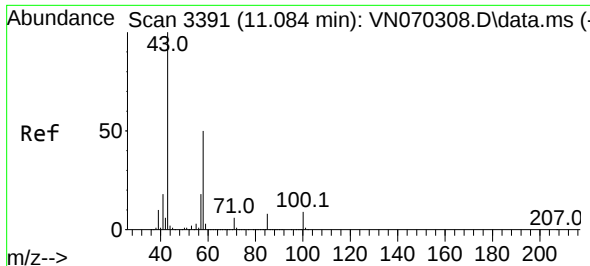
Tgt Ion: 98 Resp: 2370109
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6



#52
Toluene
Concen: 9.551 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070362.D
Acq: 29 Dec 2021 20:57

Tgt Ion: 92 Resp: 326247
Ion Ratio Lower Upper
92 100
91 179.0 142.0 213.0

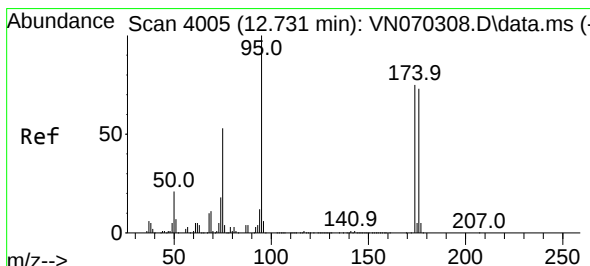
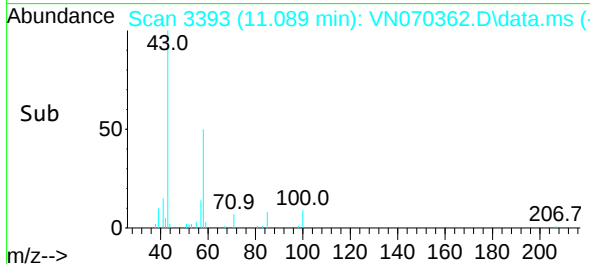
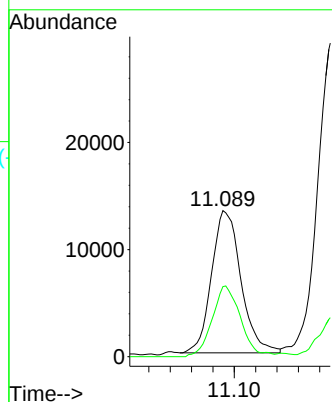
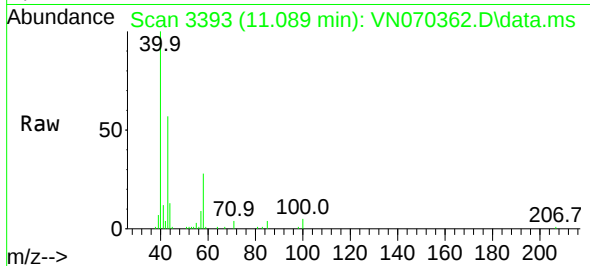




#59
2-Hexanone
Concen: 1.475 ug/l
RT: 11.089 min Scan# 3391
Delta R.T. 0.005 min
Lab File: VN070362.D
Acq: 29 Dec 2021 20:57

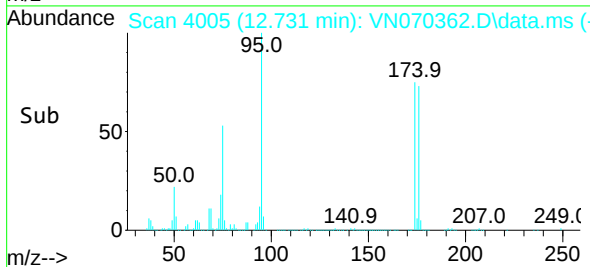
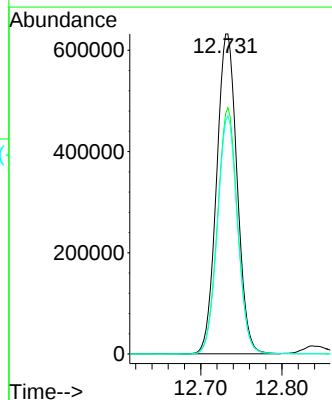
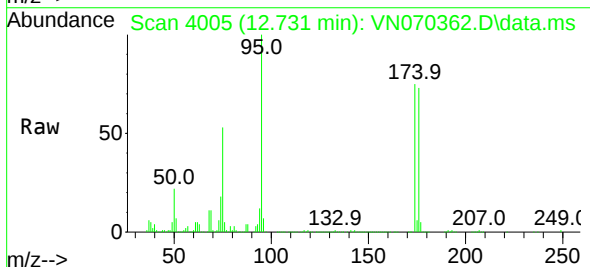
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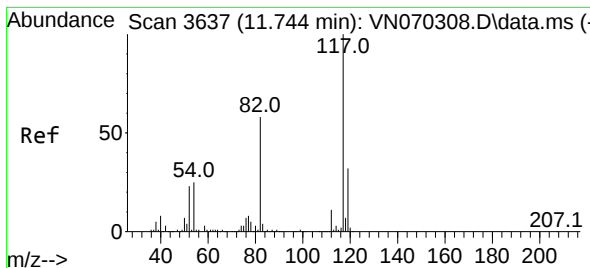
Tgt Ion: 43 Resp: 25418
Ion Ratio Lower Upper
43 100
58 47.1 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 67.379 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070362.D
Acq: 29 Dec 2021 20:57

Tgt Ion: 95 Resp: 1106221
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.8 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3637

Delta R.T. 0.002 min

Lab File: VN070362.D

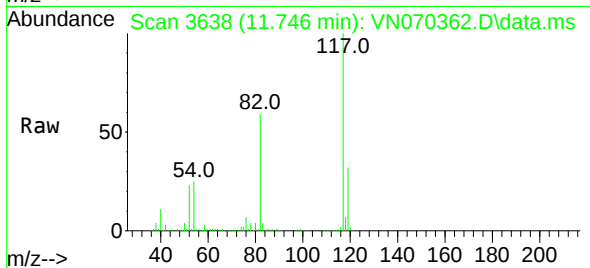
Acq: 29 Dec 2021 20:57

Instrument :

MSVOA_N

ClientSampleId :

PATAPSCO-FEED-PELLETS



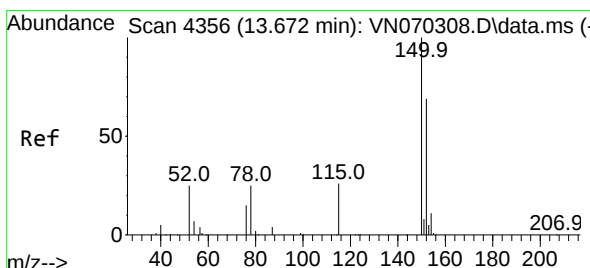
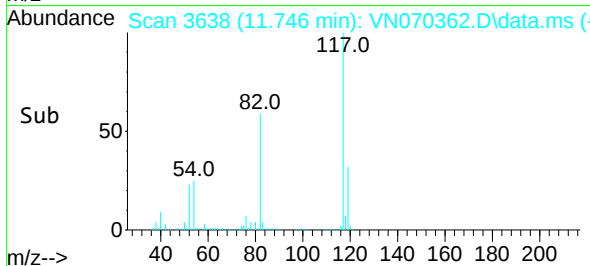
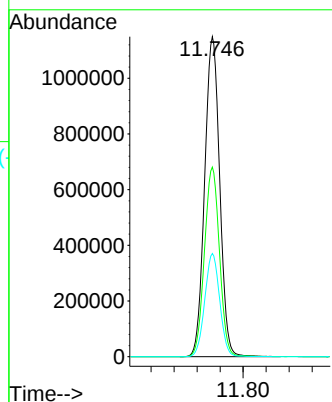
Tgt Ion:117 Resp: 2087060

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 32.3 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: VN070362.D

Acq: 29 Dec 2021 20:57

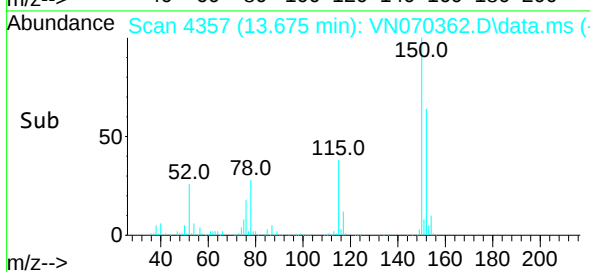
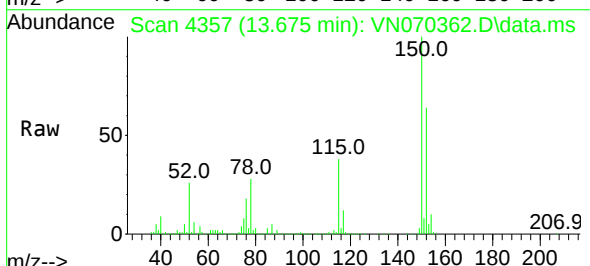
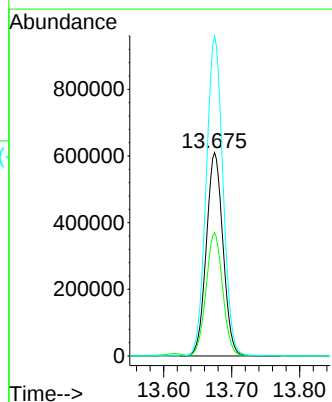
Tgt Ion:152 Resp: 1038758

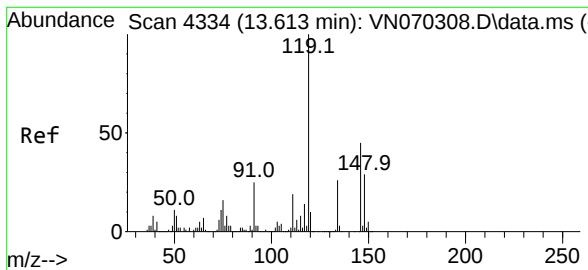
Ion Ratio Lower Upper

152 100

115 60.0 27.5 82.5

150 158.0 0.0 344.4





#86
 p-Isopropyltoluene
 Concen: 1.883 ug/l
 RT: 13.616 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070362.D
 Acq: 29 Dec 2021 20:57

Instrument :
 MSVOA_N
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Tgt Ion:119 Resp: 136665
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 23.2 11.4 34.1

