

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022422\
 Data File : VN071064.D
 Acq On : 24 Feb 2022 18:44
 Operator : JC\MD
 Sample : N1650-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NW-SURFICIAL-SOIL-(NW-SS)

Quant Time: Feb 25 02:45:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

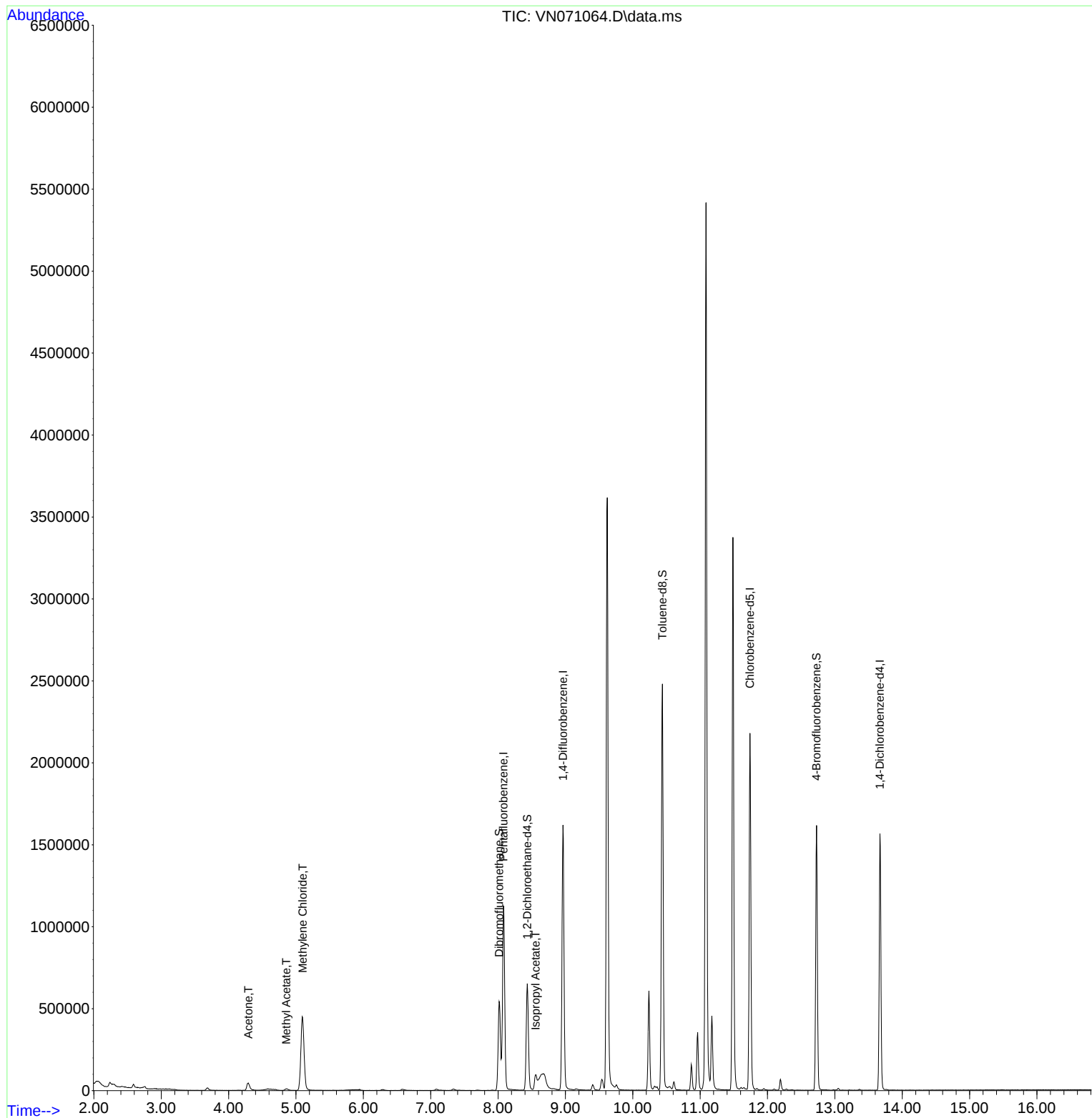
Internal Standards						
1) Pentafluorobenzene	8.081	168	879033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1398351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1257020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	435219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	532989	53.079	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.160%	
35) Dibromofluoromethane	8.016	113	411348	49.456	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.920%	
50) Toluene-d8	10.439	98	1724081	51.616	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.727	95	570260	47.763	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	87368	15.799	ug/l	94
18) Methyl Acetate	4.857	43	22553	1.275	ug/l	97
20) Methylene Chloride	5.098	84	358561	35.677	ug/l	91
43) Isopropyl Acetate	8.557	43	114930	4.989	ug/l #	79

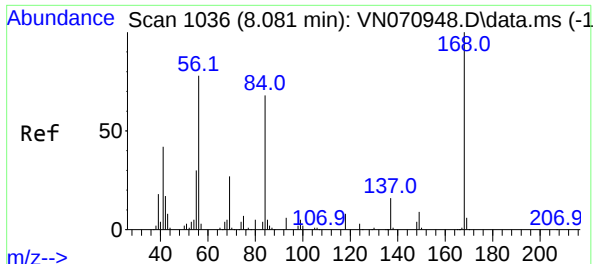
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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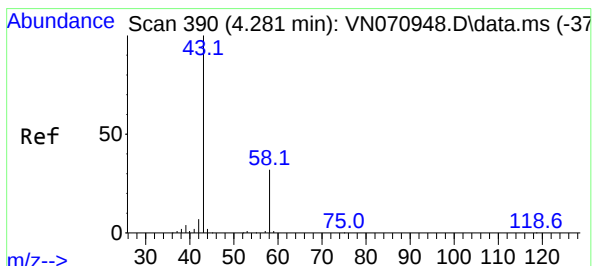
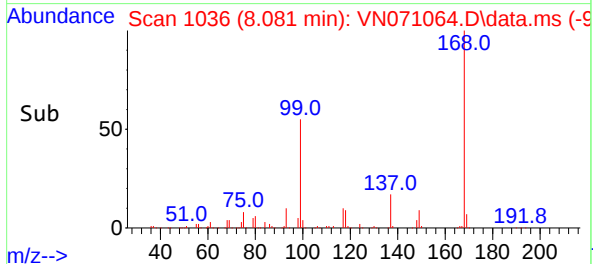
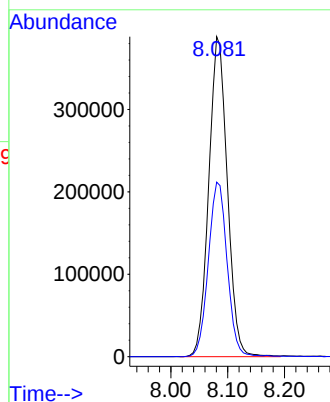
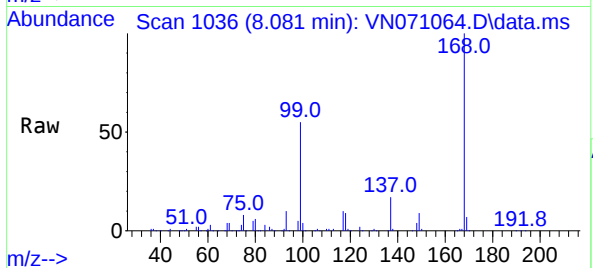




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071064.D
Acq: 24 Feb 2022 18:44

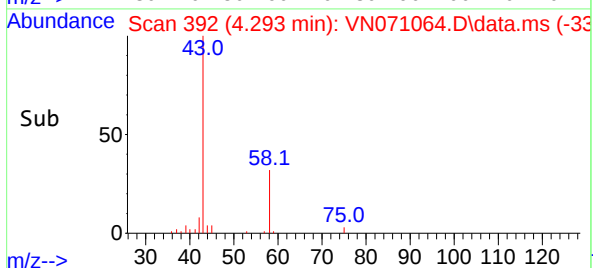
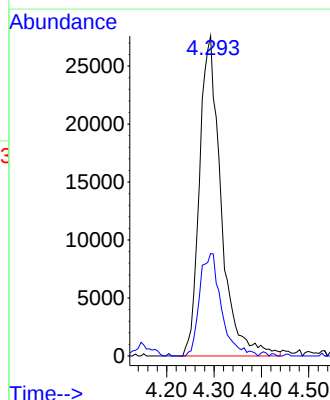
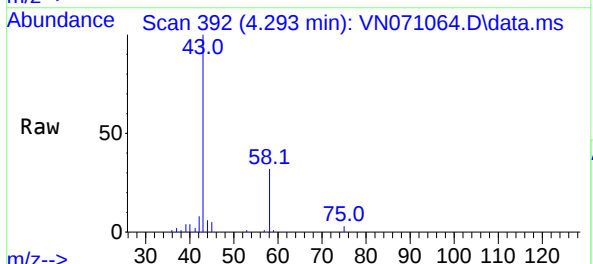
Instrument :
MSVOA_N
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)

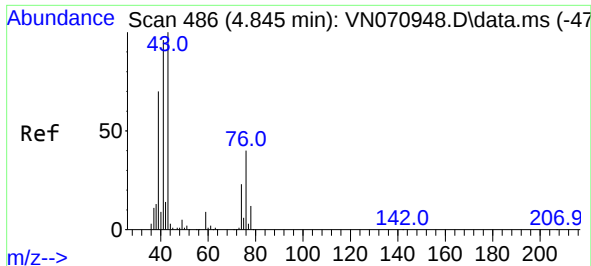
Tgt Ion:168 Resp: 879033
Ion Ratio Lower Upper
168 100
99 54.5 41.3 61.9



#16
Acetone
Concen: 15.799 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071064.D
Acq: 24 Feb 2022 18:44

Tgt Ion: 43 Resp: 87368
Ion Ratio Lower Upper
43 100
58 32.0 23.1 34.7

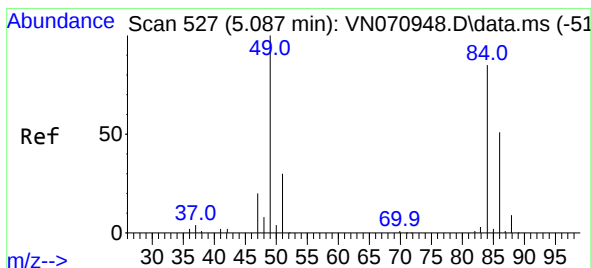
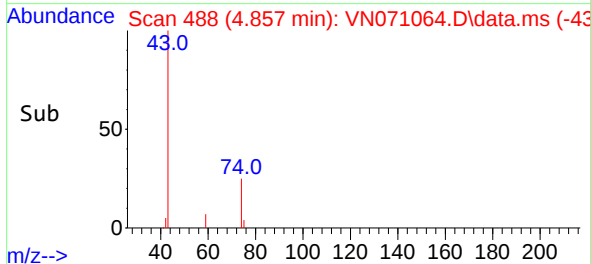
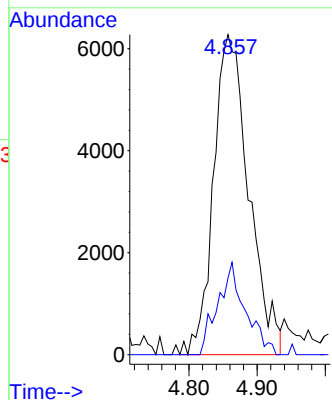
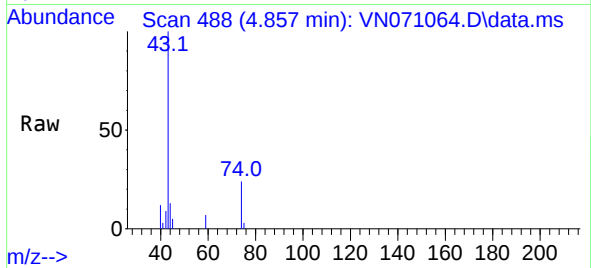




#18
Methyl Acetate
Concen: 1.275 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN071064.D
Acq: 24 Feb 2022 18:44

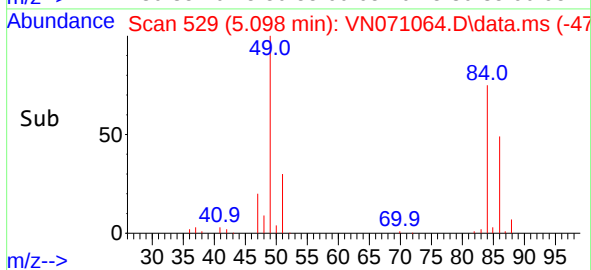
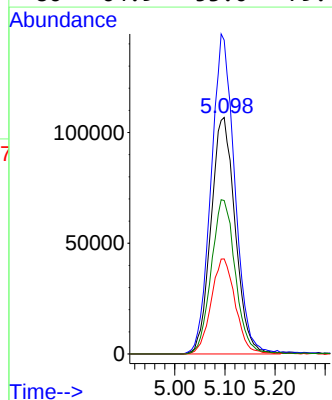
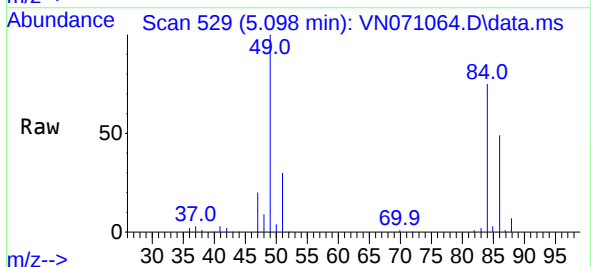
Instrument :
MSVOA_N
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)

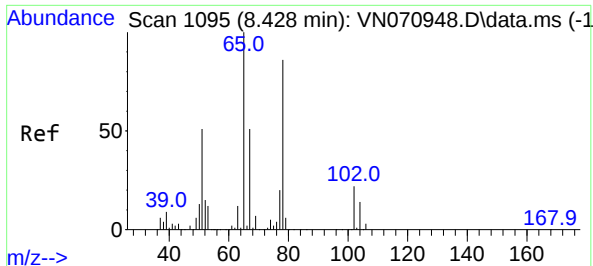
Tgt Ion: 43 Resp: 22553
Ion Ratio Lower Upper
43 100
74 22.7 19.4 29.2



#20
Methylene Chloride
Concen: 35.677 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN071064.D
Acq: 24 Feb 2022 18:44

Tgt Ion: 84 Resp: 358561
Ion Ratio Lower Upper
84 100
49 132.7 93.5 140.3
51 40.2 29.4 44.2
86 64.9 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 53.079 ug/l

RT: 8.433 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071064.D

Acq: 24 Feb 2022 18:44

Instrument :

MSVOA_N

ClientSampleId :

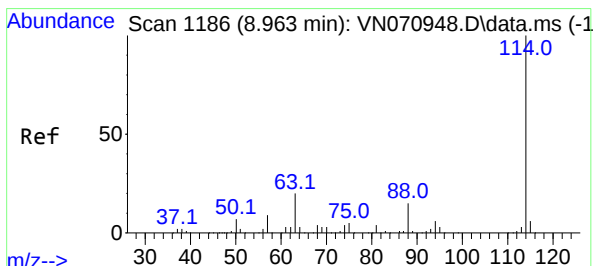
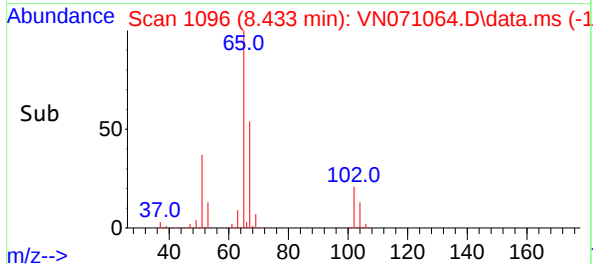
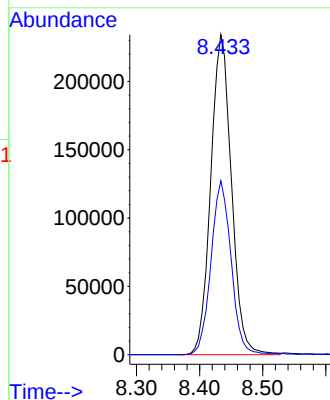
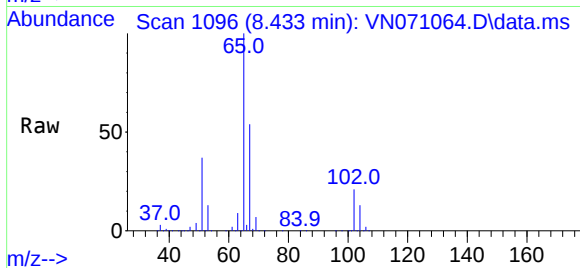
NW-SURFICIAL-SOIL-(NW-SS)

Tgt Ion: 65 Resp: 532989

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071064.D

Acq: 24 Feb 2022 18:44

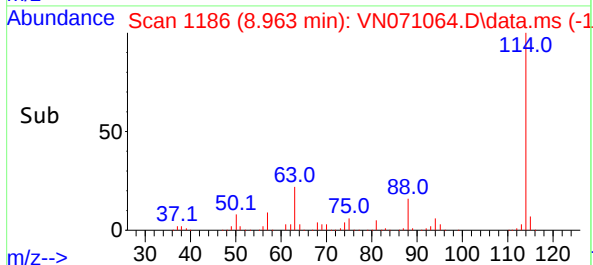
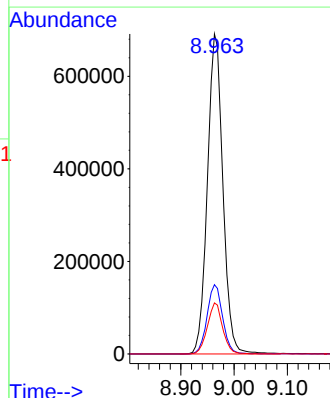
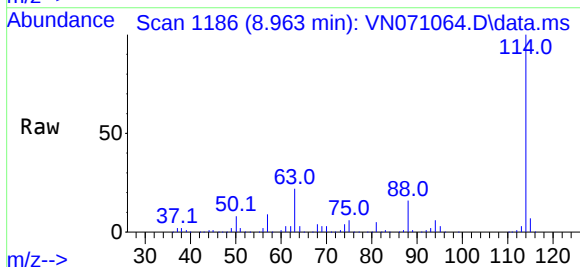
Tgt Ion: 114 Resp: 1398351

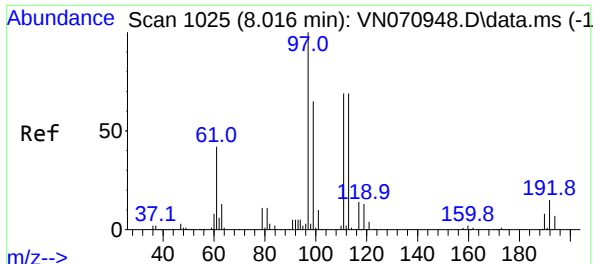
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 15.9 0.0 27.4

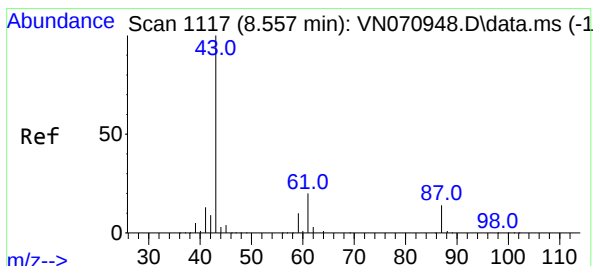
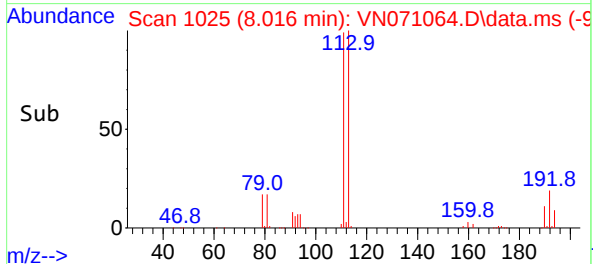
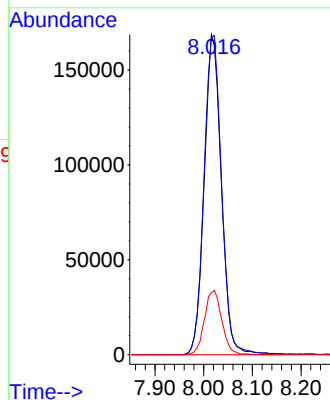
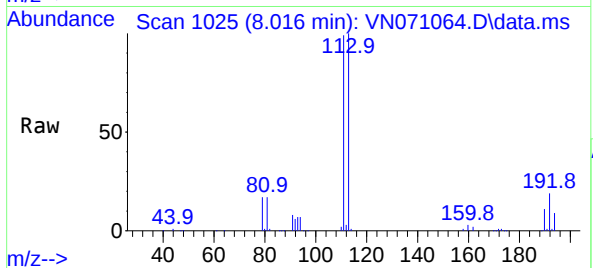




#35
Dibromofluoromethane
Concen: 49.456 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071064.D
Acq: 24 Feb 2022 18:44

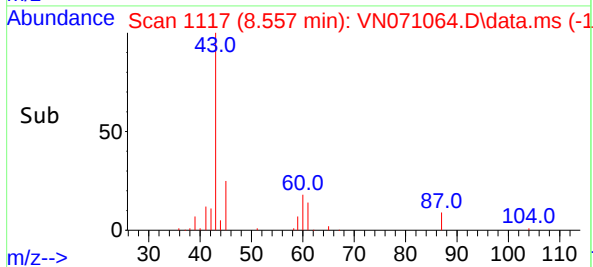
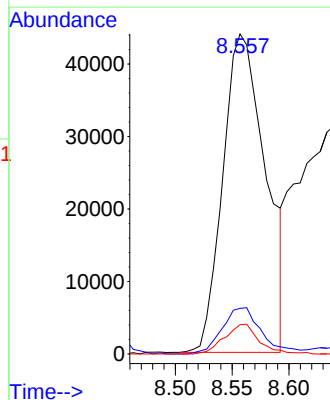
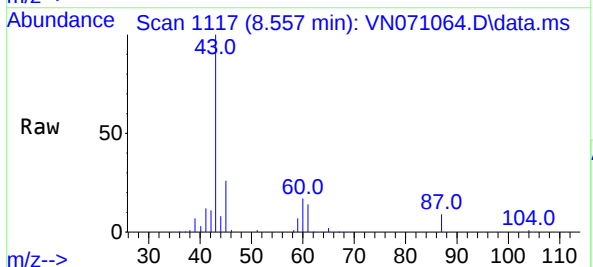
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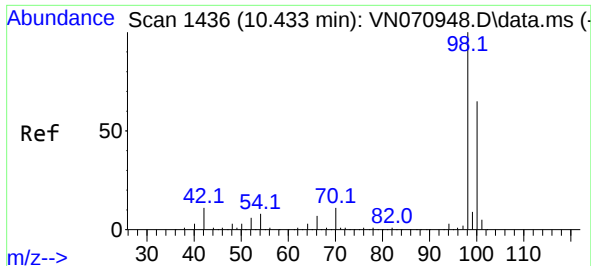
Tgt Ion:113 Resp: 411348
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.3 16.9 25.3



#43
Isopropyl Acetate
Concen: 4.989 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071064.D
Acq: 24 Feb 2022 18:44

Tgt Ion: 43 Resp: 114930
Ion Ratio Lower Upper
43 100
61 13.4 20.4 30.6#
87 7.5 11.2 16.8#

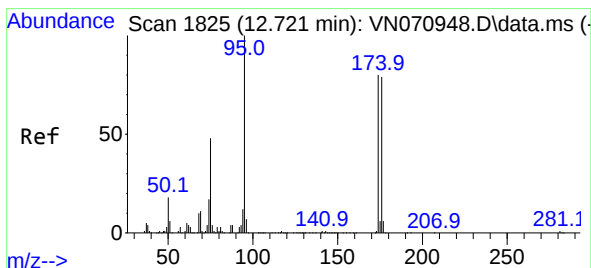
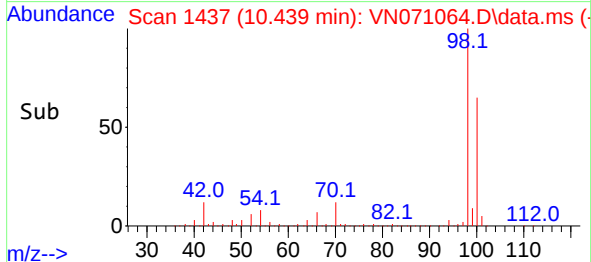
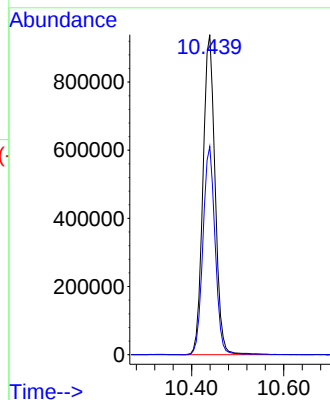
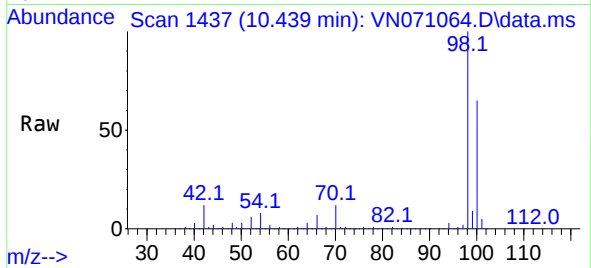




#50
Toluene-d8
Concen: 51.616 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071064.D
Acq: 24 Feb 2022 18:44

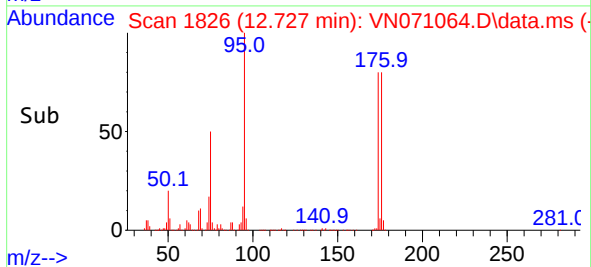
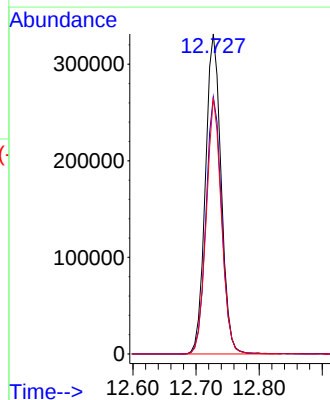
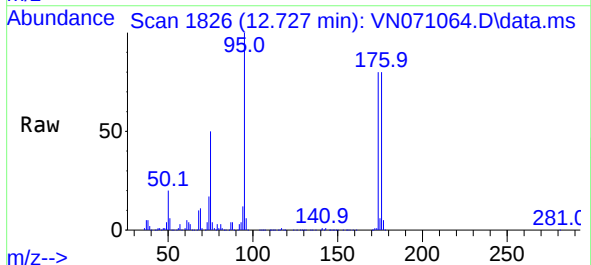
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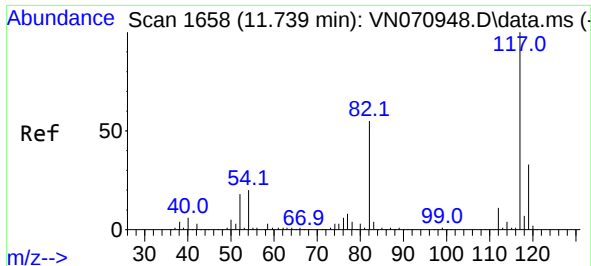
Tgt Ion: 98 Resp: 1724081
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 47.763 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071064.D
Acq: 24 Feb 2022 18:44

Tgt Ion: 95 Resp: 570260
Ion Ratio Lower Upper
95 100
174 80.5 0.0 187.2
176 77.4 0.0 181.4

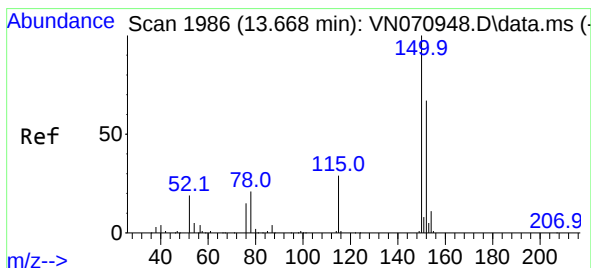
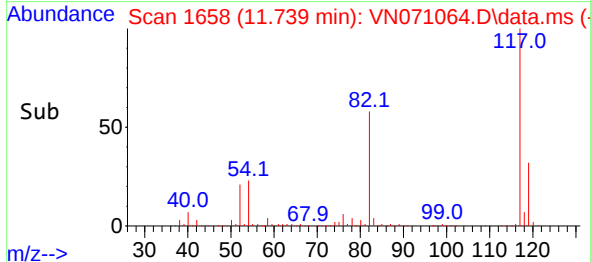
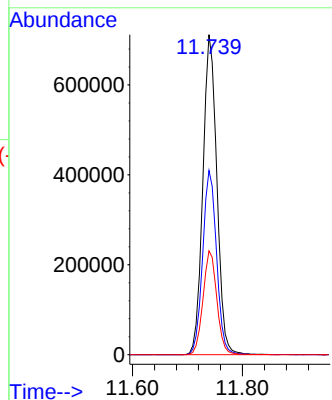
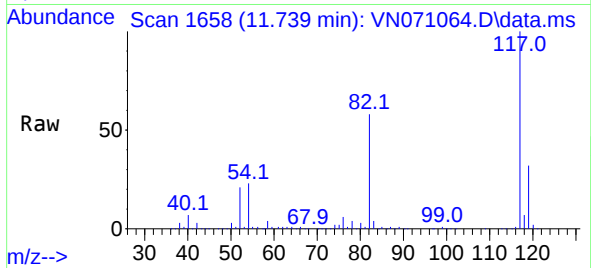




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071064.D
Acq: 24 Feb 2022 18:44

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Tgt Ion:117 Resp: 1257020
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071064.D
Acq: 24 Feb 2022 18:44

Tgt Ion:152 Resp: 435219
Ion Ratio Lower Upper
152 100
115 59.0 27.5 82.5
150 157.1 0.0 344.4

