

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
 Data File : VN075282.D
 Acq On : 15 Nov 2022 14:33
 Operator : JC\MD
 Sample : N5598-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-0760533

Quant Time: Nov 16 01:02:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

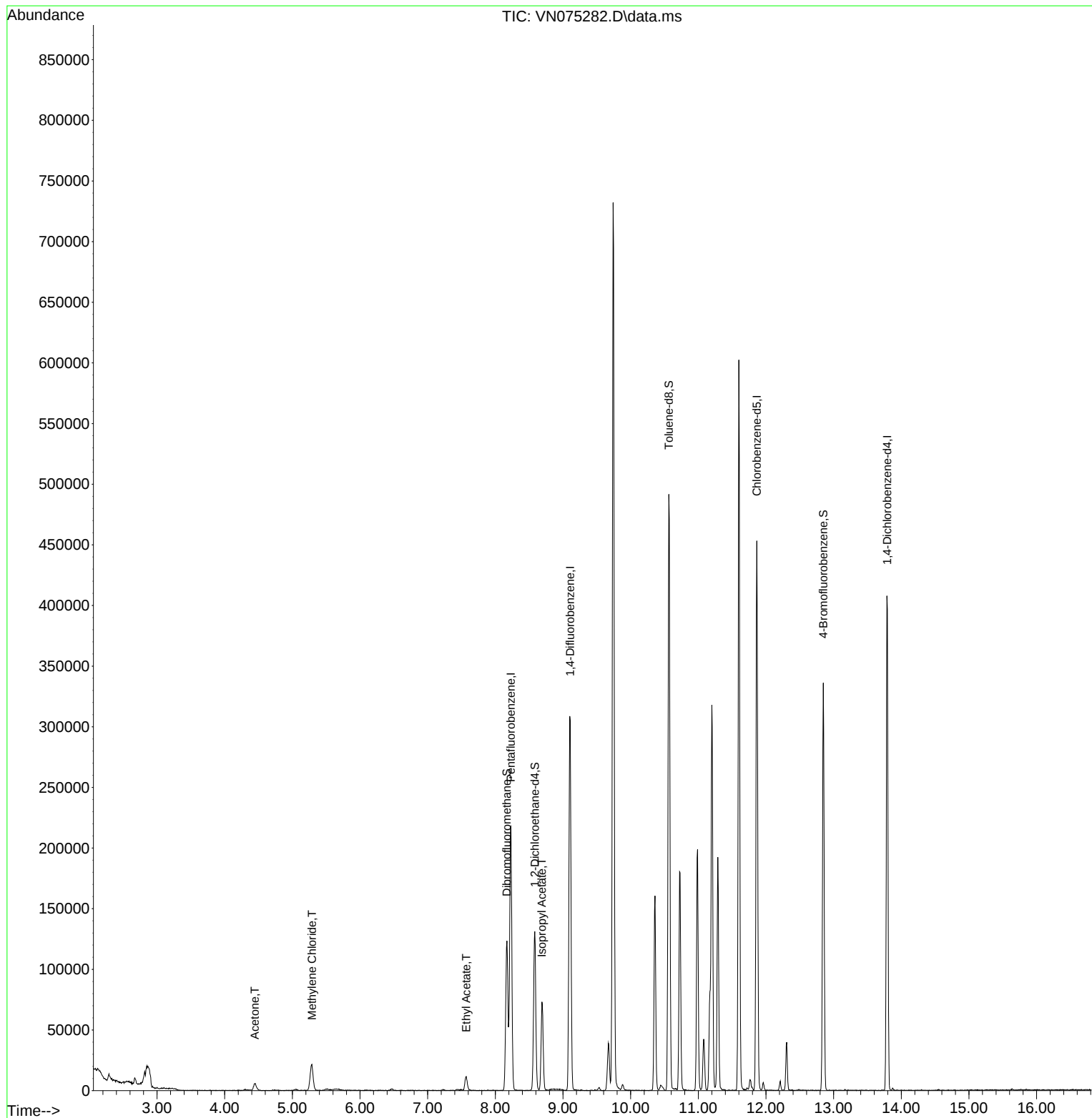
Internal Standards						
1) Pentafluorobenzene	8.229	168	161210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108284	49.852	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.700%
35) Dibromofluoromethane	8.171	113	89190	52.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.780%
50) Toluene-d8	10.565	98	352559	53.381	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.760%
62) 4-Bromofluorobenzene	12.847	95	115545	49.803	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.600%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	11293	12.279	ug/l	100
20) Methylene Chloride	5.288	84	17804	8.682	ug/l	87
37) Ethyl Acetate	7.571	43	17613	6.094	ug/l	97
43) Isopropyl Acetate	8.688	43	80995	18.066	ug/l #	92

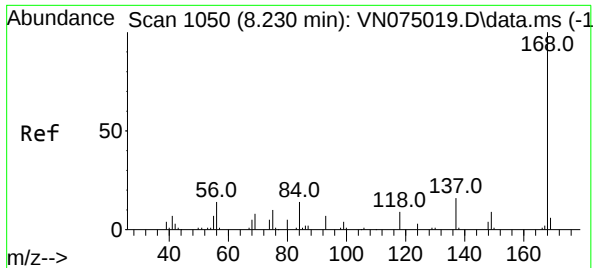
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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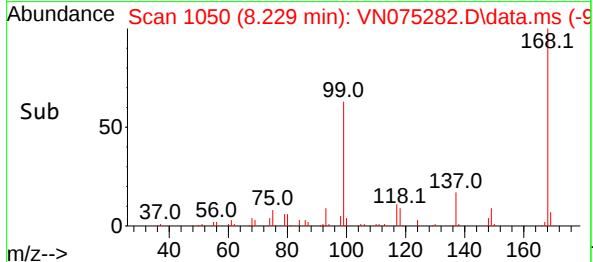
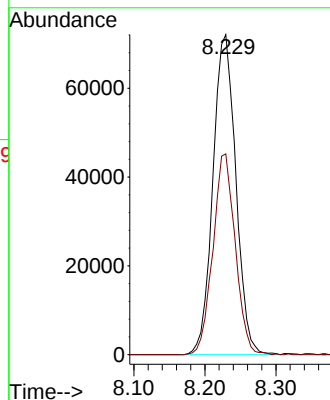
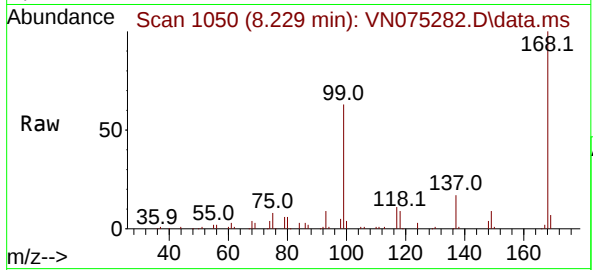




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075282.D
Acq: 15 Nov 2022 14:33

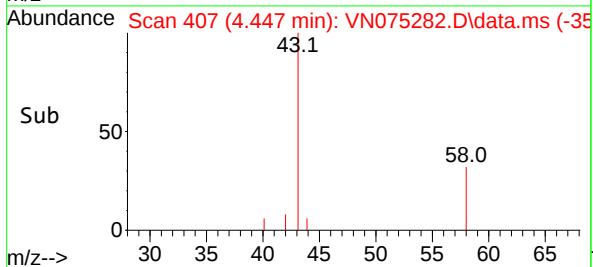
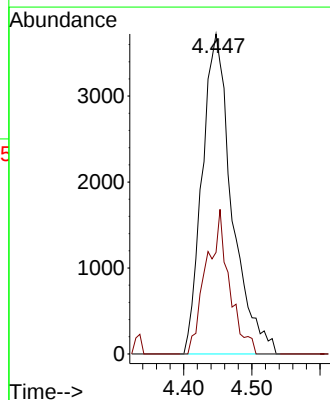
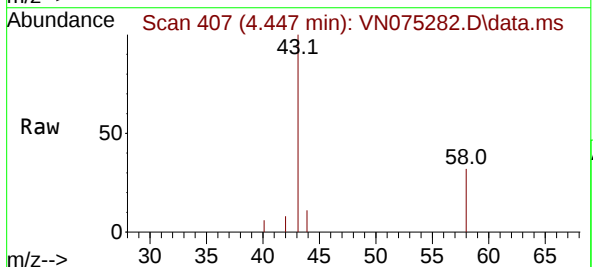
Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion:168 Resp: 161210
Ion Ratio Lower Upper
168 100
99 62.8 51.6 77.4



#16
Acetone
Concen: 12.279 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075282.D
Acq: 15 Nov 2022 14:33

Tgt Ion: 43 Resp: 11293
Ion Ratio Lower Upper
43 100
58 31.7 25.5 38.3

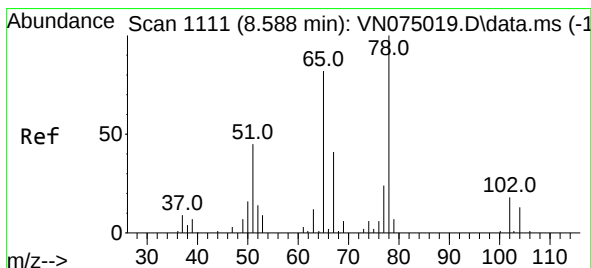
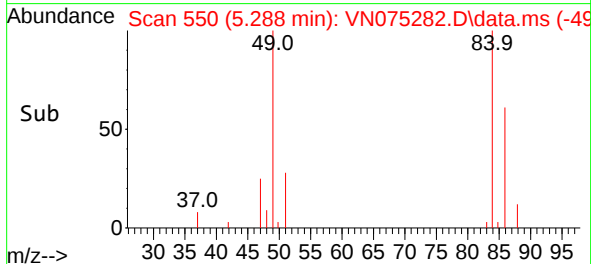
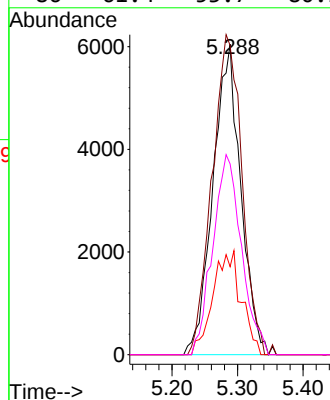
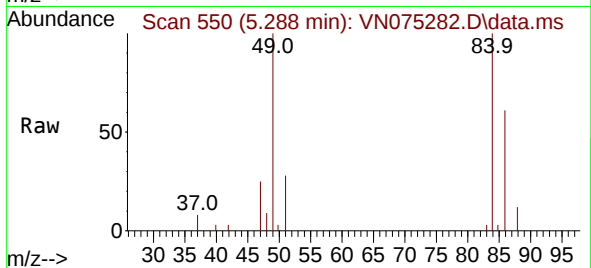




#20
Methylene Chloride
Concen: 8.682 ug/l
RT: 5.288 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN075282.D
Acq: 15 Nov 2022 14:33

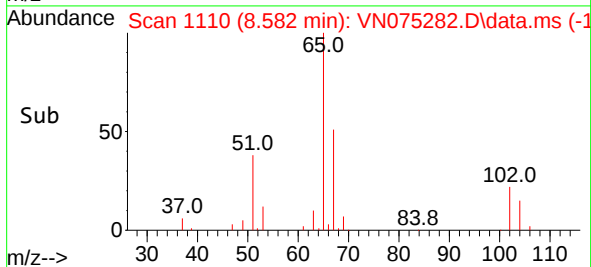
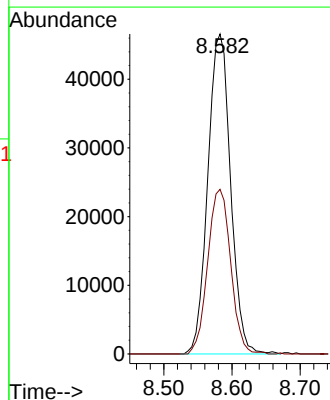
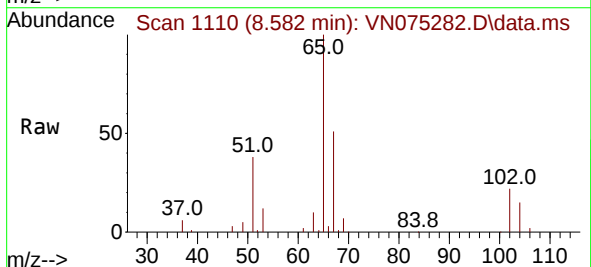
Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-0760533

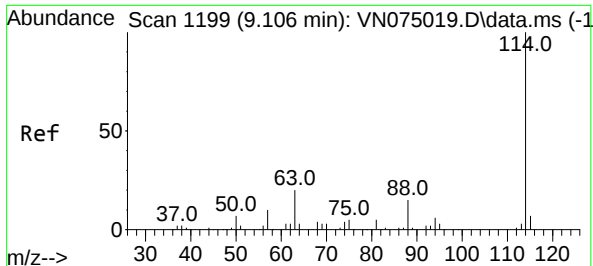
Tgt Ion: 84	Resp: 17804
Ion Ratio	Lower Upper
84 100	
49 99.6	94.9 142.3
51 28.3	26.8 40.2
86 61.4	53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 49.852 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075282.D
Acq: 15 Nov 2022 14:33

Tgt Ion: 65	Resp: 108284
Ion Ratio	Lower Upper
65 100	
67 52.0	0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075282.D

Acq: 15 Nov 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

FRAC-TANK-0760533

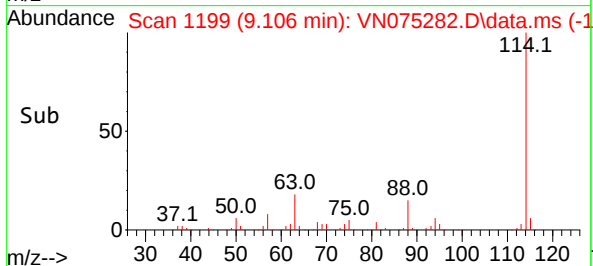
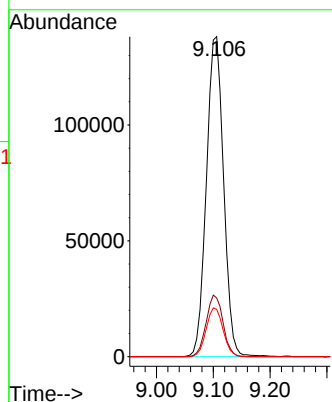
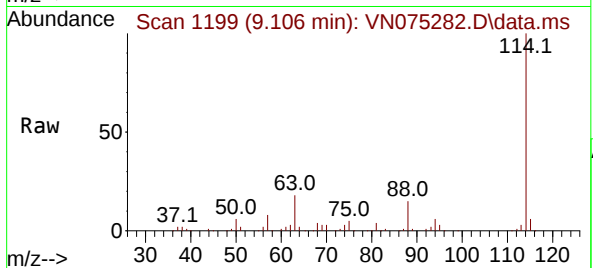
Tgt Ion:114 Resp: 289979

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.393 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075282.D

Acq: 15 Nov 2022 14:33

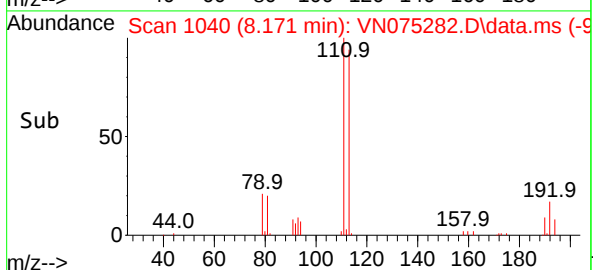
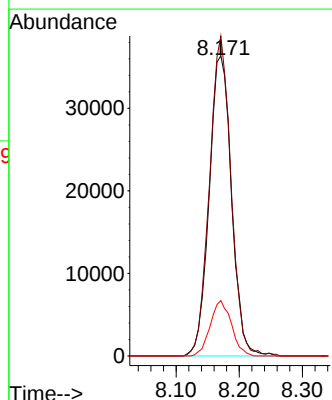
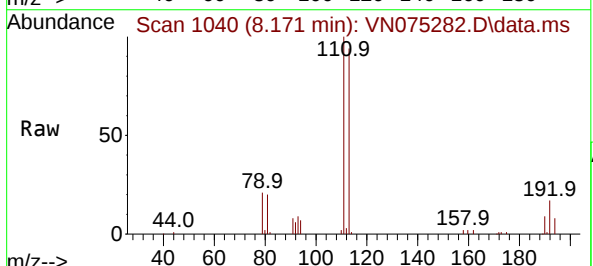
Tgt Ion:113 Resp: 89190

Ion Ratio Lower Upper

113 100

111 103.2 80.5 120.7

192 17.5 13.2 19.8





#37

Ethyl Acetate

Concen: 6.094 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075282.D

Acq: 15 Nov 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

FRAC-TANK-0760533

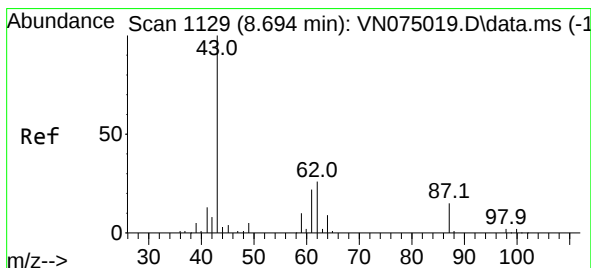
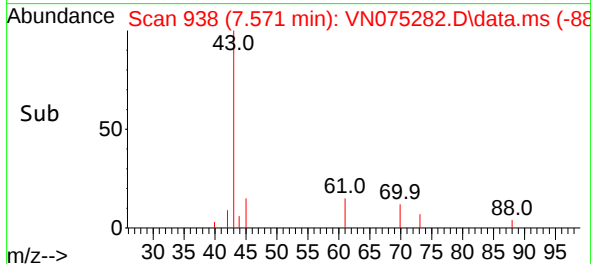
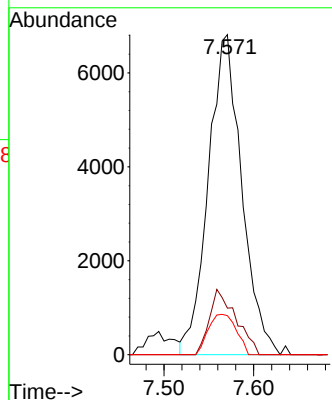
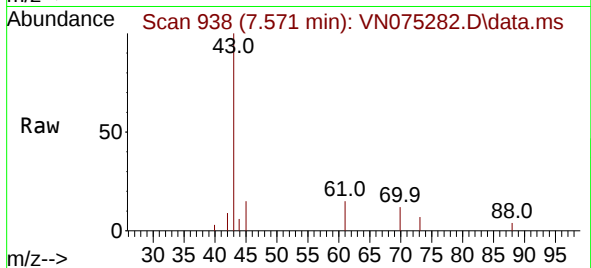
Tgt Ion: 43 Resp: 17613

Ion Ratio Lower Upper

43 100

61 16.3 12.2 18.4

70 10.5 9.4 14.2



#43

Isopropyl Acetate

Concen: 18.066 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN075282.D

Acq: 15 Nov 2022 14:33

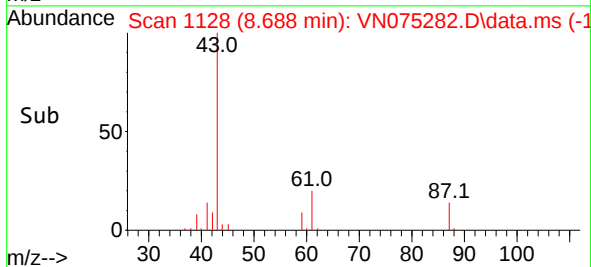
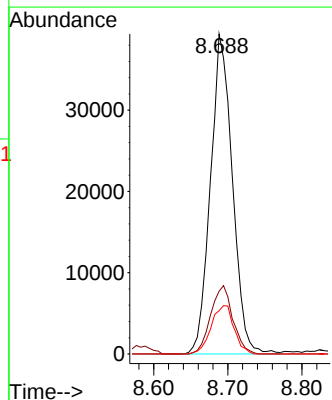
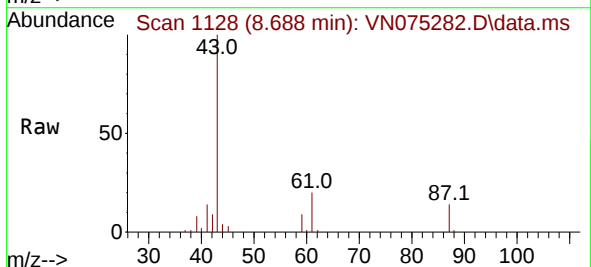
Tgt Ion: 43 Resp: 80995

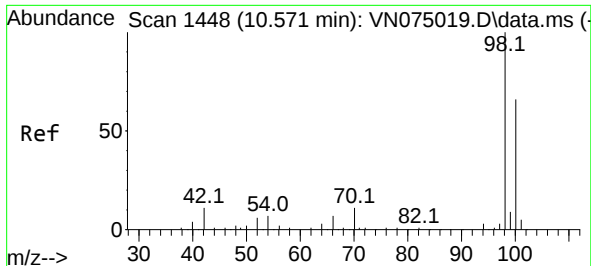
Ion Ratio Lower Upper

43 100

61 21.5 22.4 33.6#

87 15.8 12.5 18.7

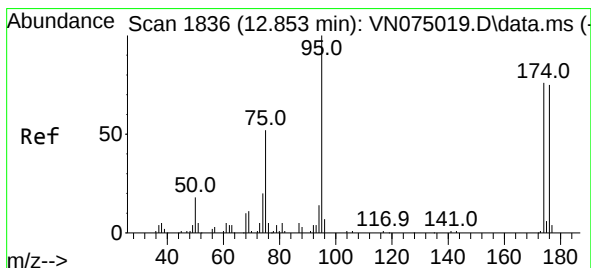
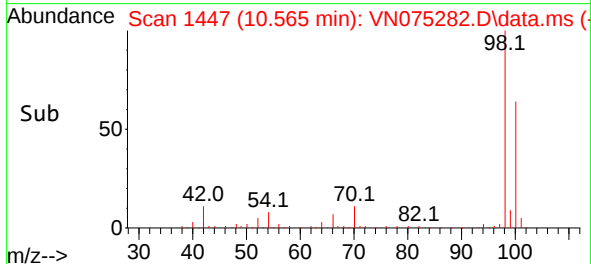
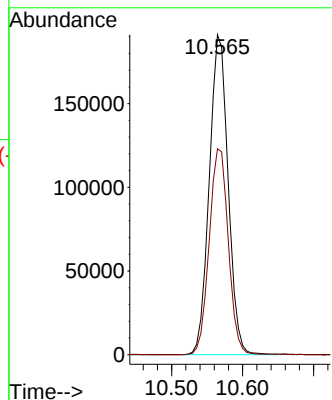
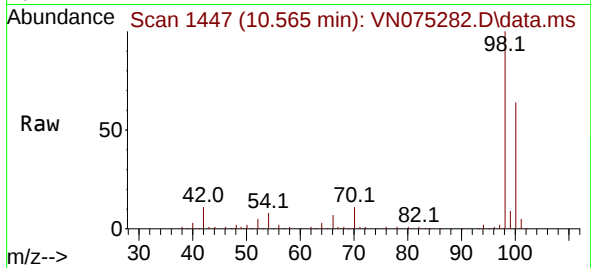




#50
Toluene-d8
Concen: 53.381 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075282.D
Acq: 15 Nov 2022 14:33

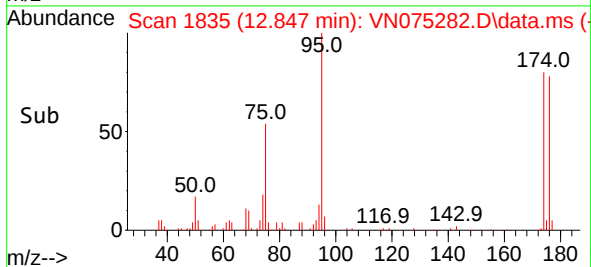
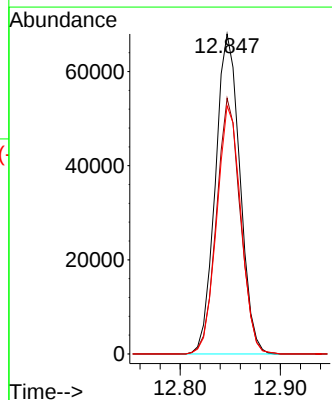
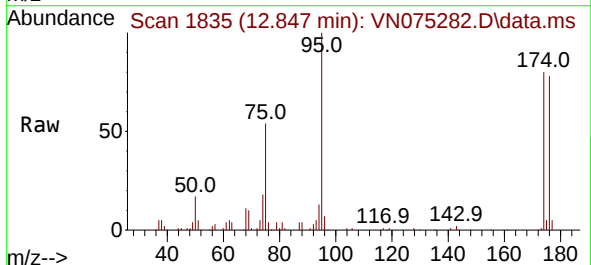
Instrument :
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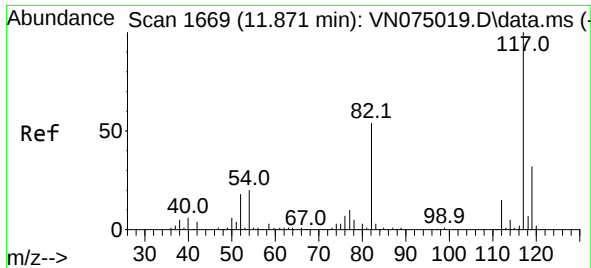
Tgt Ion: 98 Resp: 352559
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.803 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075282.D
Acq: 15 Nov 2022 14:33

Tgt Ion: 95 Resp: 115545
Ion Ratio Lower Upper
95 100
174 77.6 0.0 147.4
176 76.3 0.0 142.2

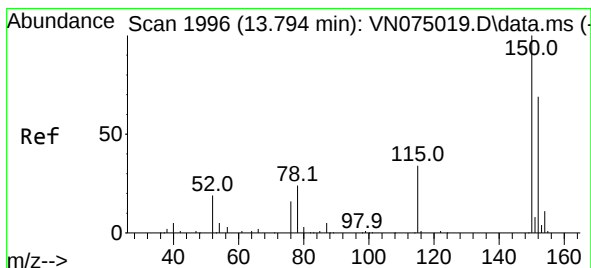
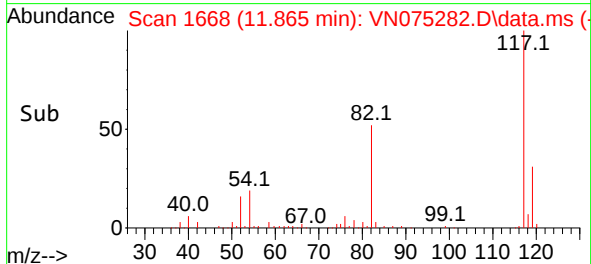
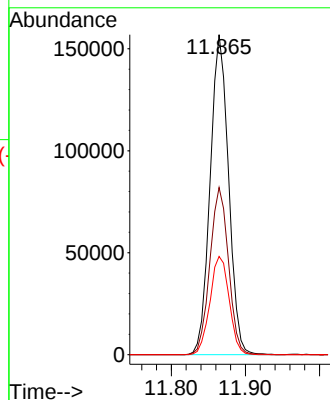
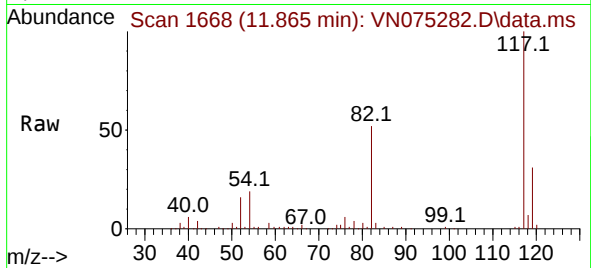




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075282.D
Acq: 15 Nov 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion:117 Resp: 270488
Ion Ratio Lower Upper
117 100
82 52.3 43.1 64.7
119 30.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075282.D
Acq: 15 Nov 2022 14:33

Tgt Ion:152 Resp: 116001
Ion Ratio Lower Upper
152 100
115 59.7 30.2 90.6
150 153.6 0.0 348.4

