

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075372.D
 Acq On : 22 Nov 2022 16:55
 Operator : JC\MD
 Sample : PB149226ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149226ZHE#04

Quant Time: Nov 23 07:11:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

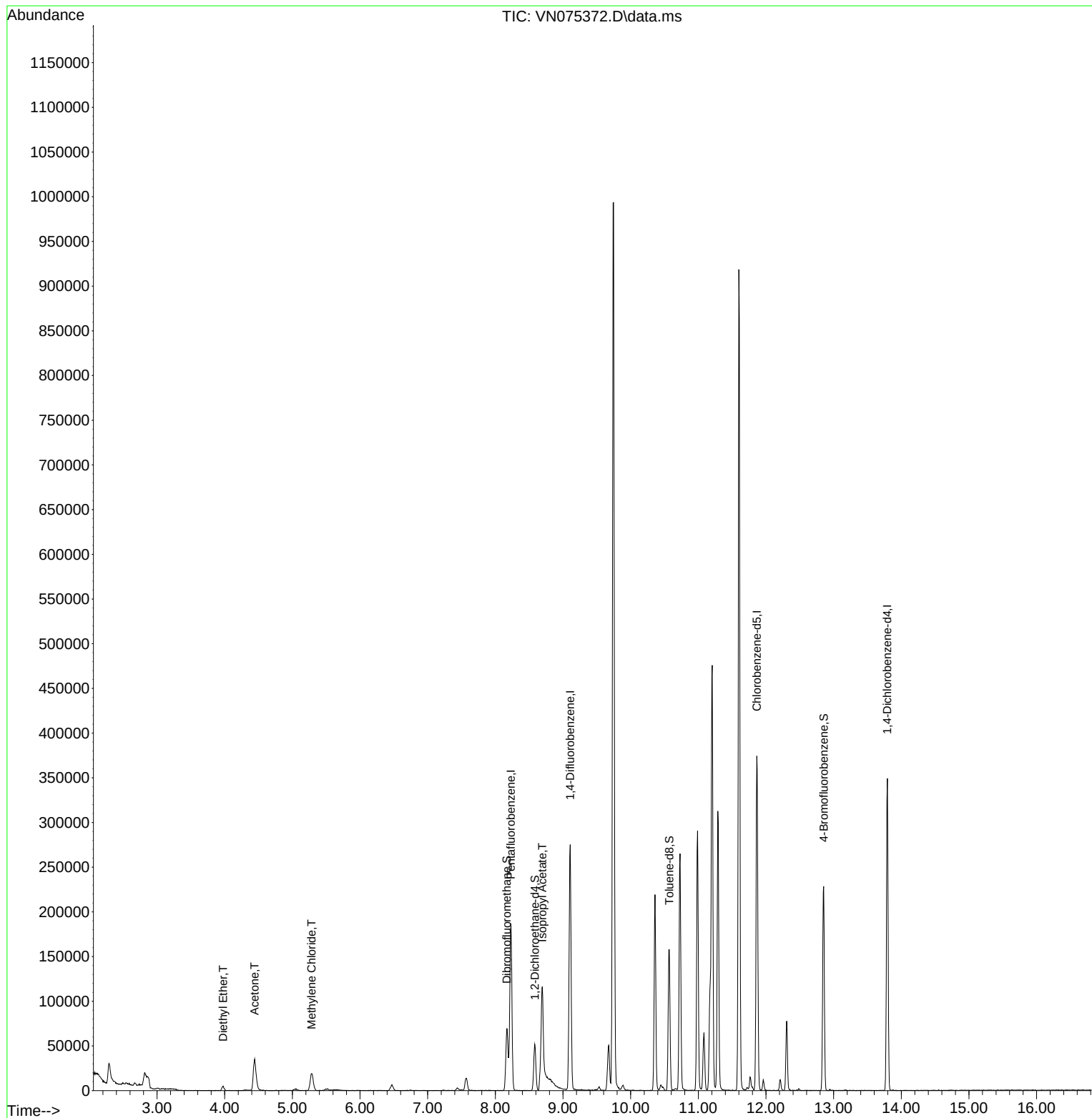
Internal Standards						
1) Pentafluorobenzene	8.230	168	140603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	254687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42402	56.181	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.360%
35) Dibromofluoromethane	8.171	113	50448	50.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.840%
50) Toluene-d8	10.571	98	115372	51.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.853	95	81142	48.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.580%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.977	74	3010	3.566	ug/l	91
16) Acetone	4.442	43	64521	91.651	ug/l	89
20) Methylene Chloride	5.283	84	16751	10.730	ug/l	89
43) Isopropyl Acetate	8.694	43	156374	49.589	ug/l #	79

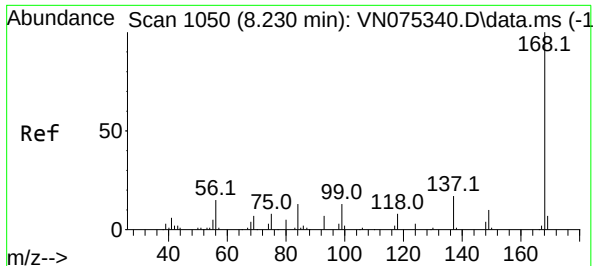
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
Data File : VN075372.D
Acq On : 22 Nov 2022 16:55
Operator : JC\MD
Sample : PB149226ZHE#04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#04

Quant Time: Nov 23 07:11:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

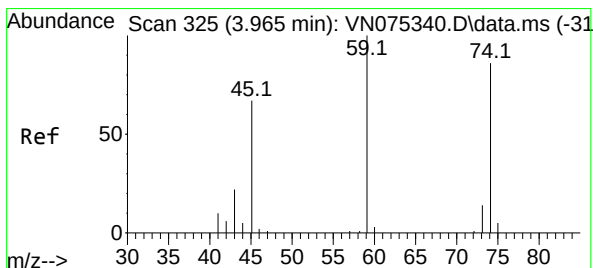
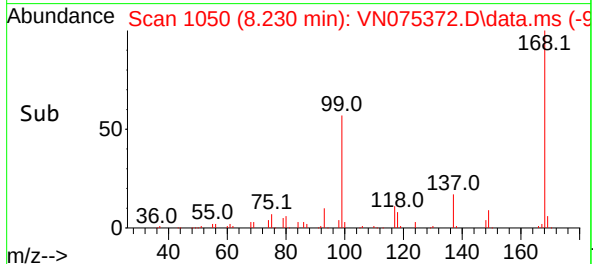
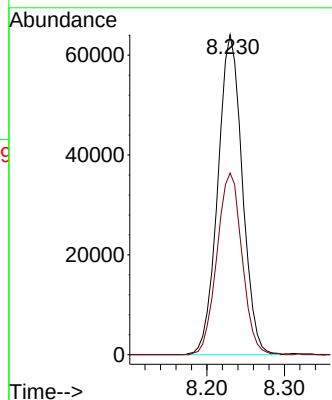
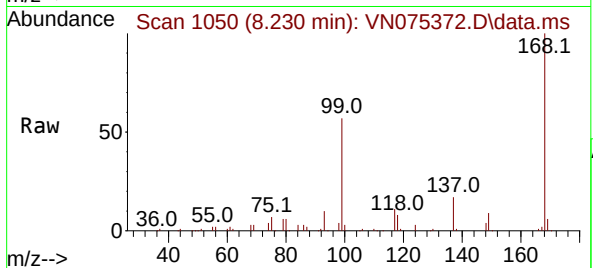




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075372.D
Acq: 22 Nov 2022 16:55

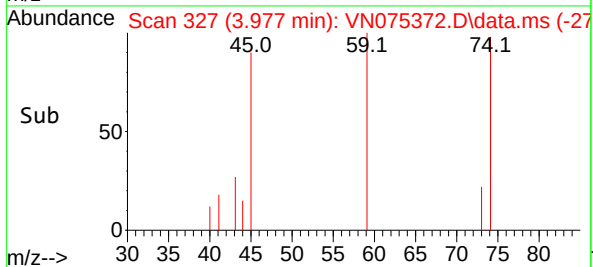
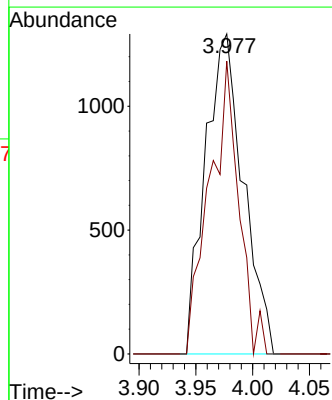
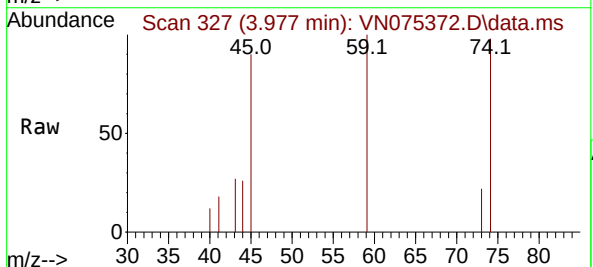
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#04

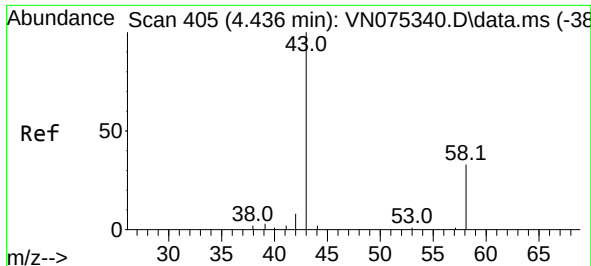
Tgt Ion:168 Resp: 140603
Ion Ratio Lower Upper
168 100
99 56.8 51.6 77.4



#8
Diethyl Ether
Concen: 3.566 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075372.D
Acq: 22 Nov 2022 16:55

Tgt Ion: 74 Resp: 3010
Ion Ratio Lower Upper
74 100
45 70.5 39.3 117.9





#16

Acetone

Concen: 91.651 ug/l

RT: 4.442 min Scan# 405

Delta R.T. 0.006 min

Lab File: VN075372.D

Acq: 22 Nov 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

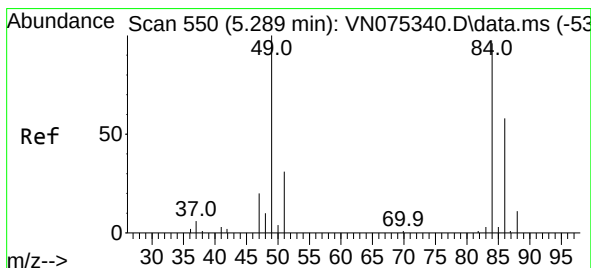
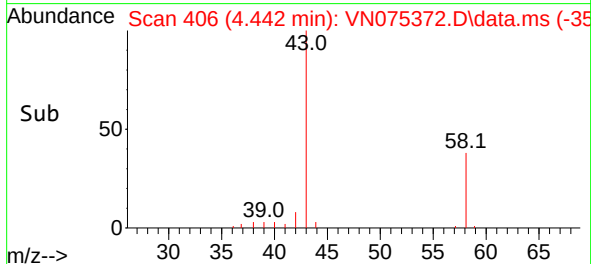
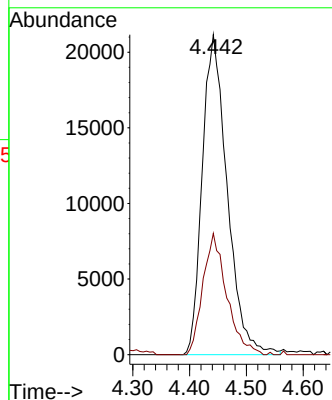
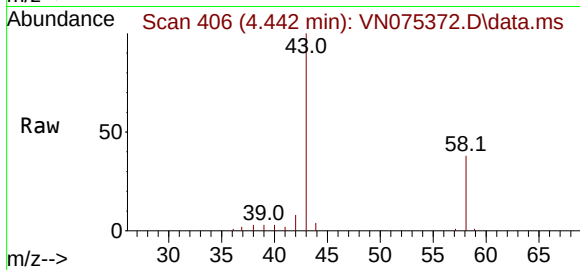
PB149226ZHE#04

Tgt Ion: 43 Resp: 64521

Ion Ratio Lower Upper

43 100

58 37.9 25.5 38.3



#20

Methylene Chloride

Concen: 10.730 ug/l

RT: 5.283 min Scan# 549

Delta R.T. -0.006 min

Lab File: VN075372.D

Acq: 22 Nov 2022 16:55

Tgt Ion: 84 Resp: 16751

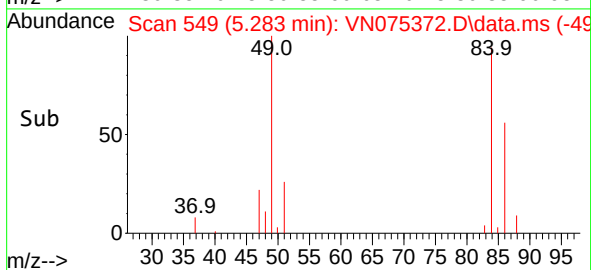
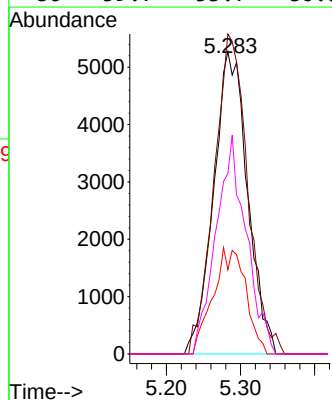
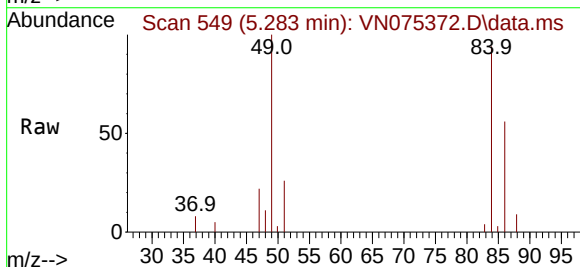
Ion Ratio Lower Upper

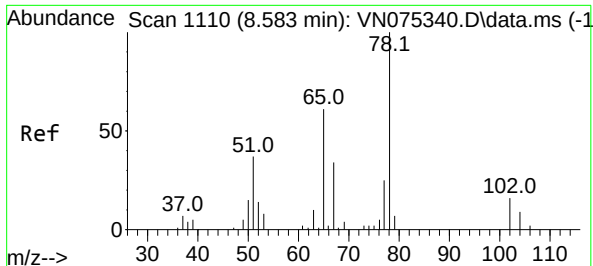
84 100

49 105.8 94.9 142.3

51 27.9 26.8 40.2

86 59.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 56.181 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075372.D

Acq: 22 Nov 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

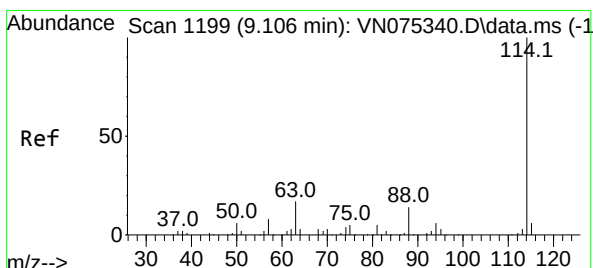
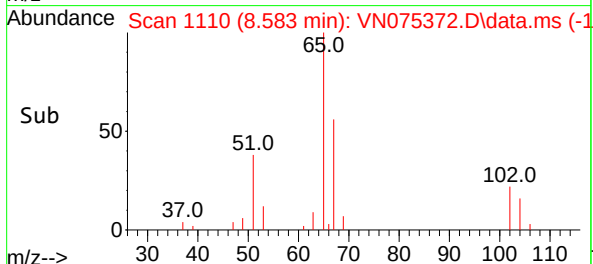
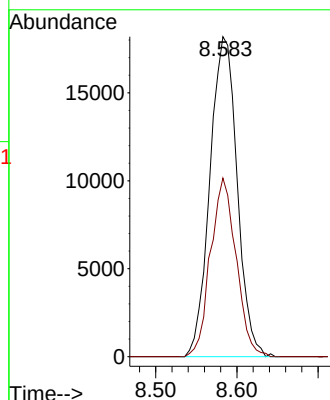
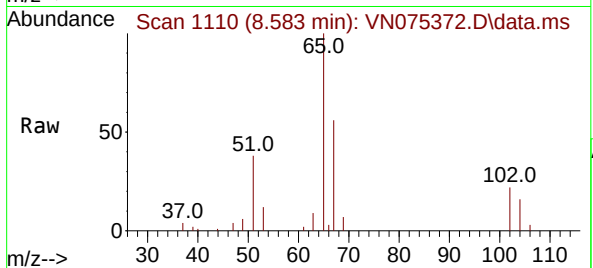
PB149226ZHE#04

Tgt Ion: 65 Resp: 42402

Ion Ratio Lower Upper

65 100

67 52.5 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: VN075372.D

Acq: 22 Nov 2022 16:55

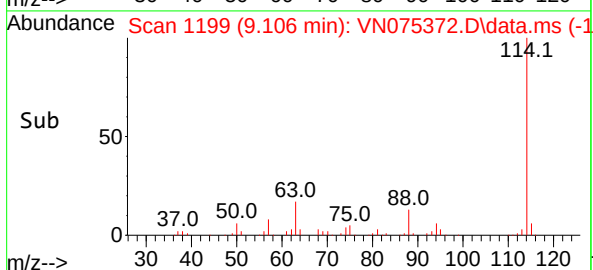
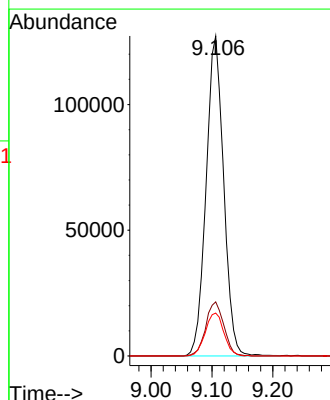
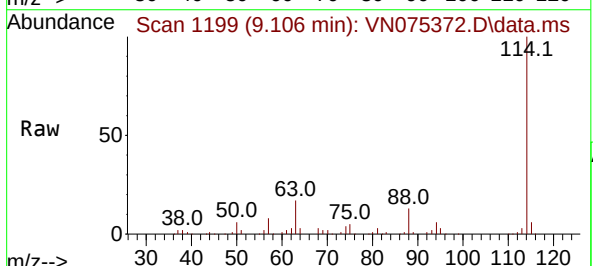
Tgt Ion: 114 Resp: 254687

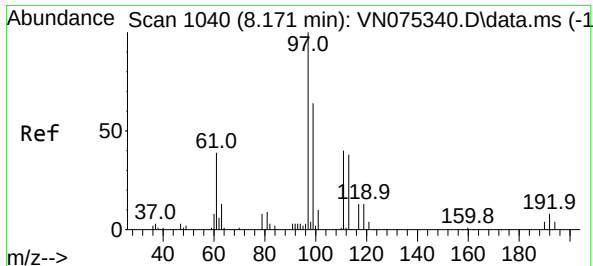
Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 13.4 0.0 29.0

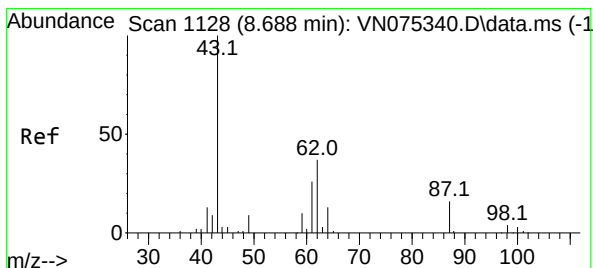
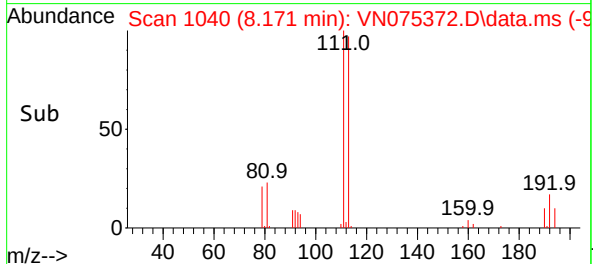
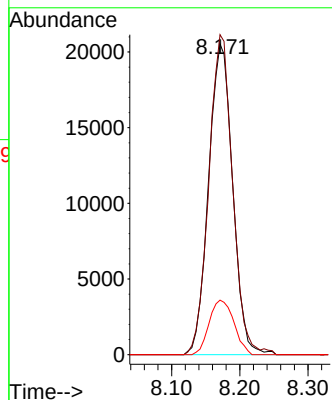
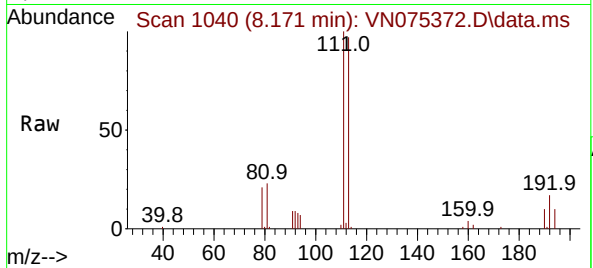




#35
Dibromofluoromethane
Concen: 50.423 ug/l
RT: 8.171 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075372.D
Acq: 22 Nov 2022 16:55

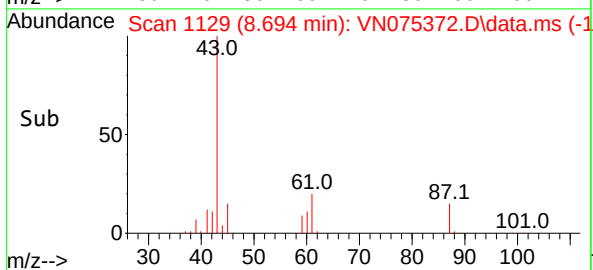
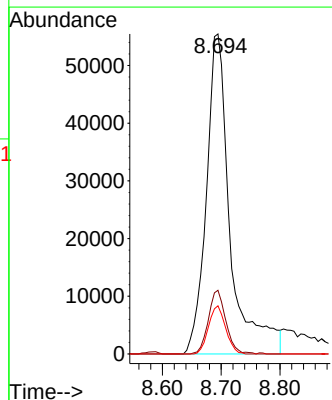
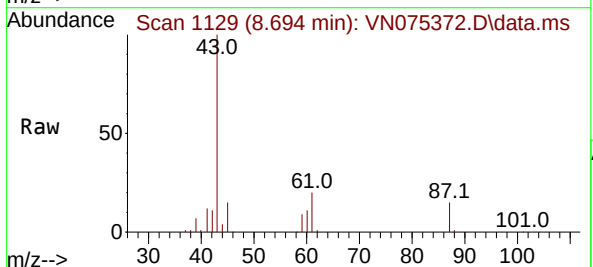
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#04

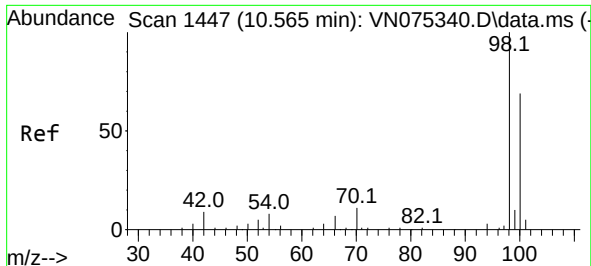
Tgt Ion:113 Resp: 50448
Ion Ratio Lower Upper
113 100
111 101.7 80.5 120.7
192 18.0 13.2 19.8



#43
Isopropyl Acetate
Concen: 49.589 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075372.D
Acq: 22 Nov 2022 16:55

Tgt Ion: 43 Resp: 156374
Ion Ratio Lower Upper
43 100
61 14.5 22.4 33.6#
87 10.7 12.5 18.7#

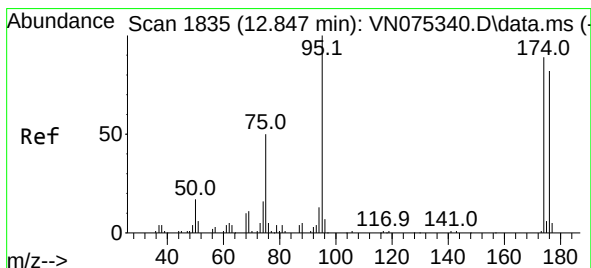
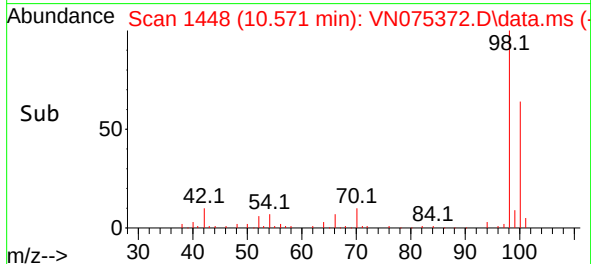
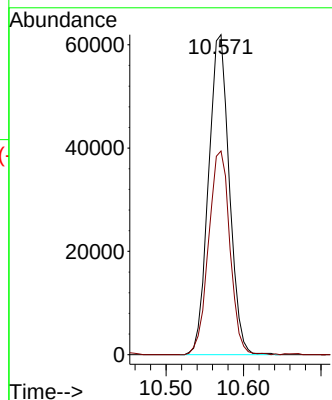
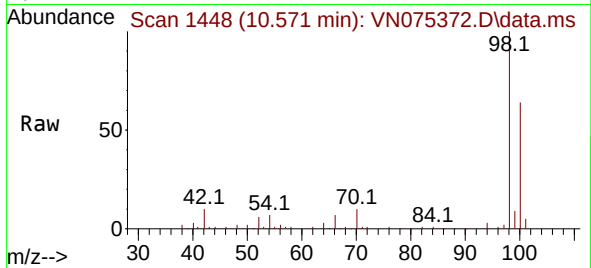




#50
Toluene-d8
Concen: 51.199 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075372.D
Acq: 22 Nov 2022 16:55

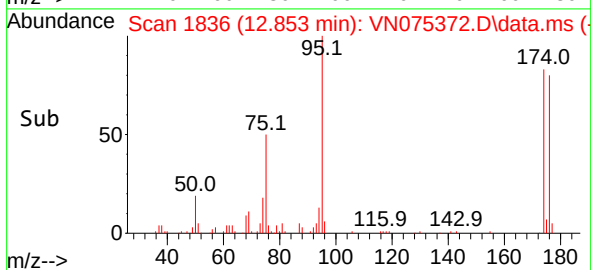
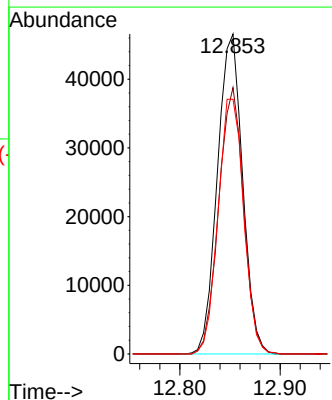
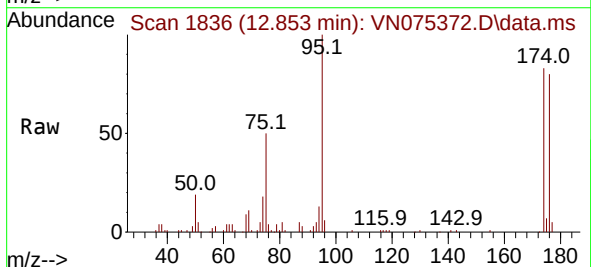
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#04

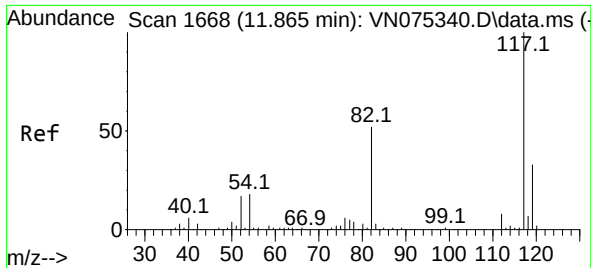
Tgt Ion: 98 Resp: 115372
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 48.785 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075372.D
Acq: 22 Nov 2022 16:55

Tgt Ion: 95 Resp: 81142
Ion Ratio Lower Upper
95 100
174 82.0 0.0 147.4
176 81.0 0.0 142.2

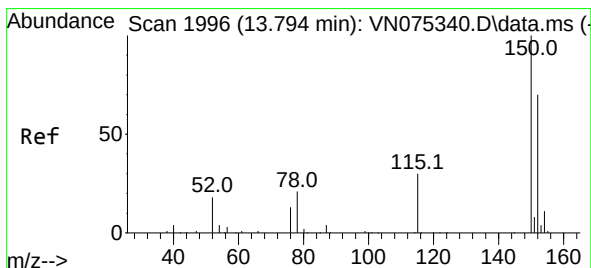
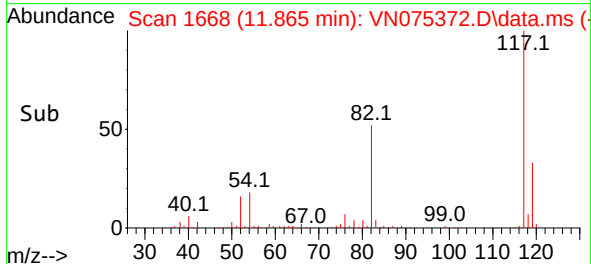
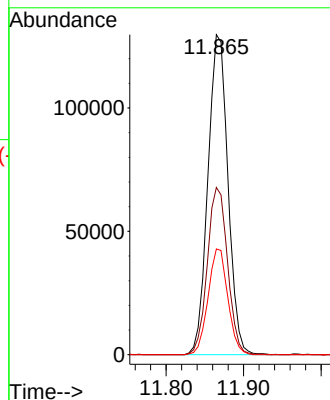
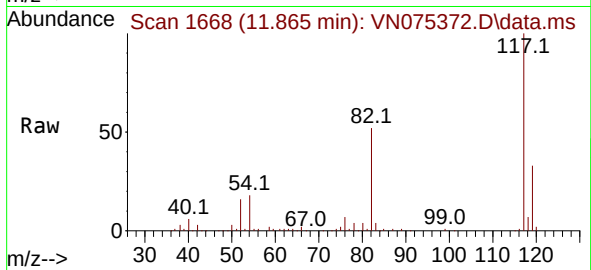




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075372.D
Acq: 22 Nov 2022 16:55

Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#04

Tgt Ion:117 Resp: 233392
Ion Ratio Lower Upper
117 100
82 52.3 43.1 64.7
119 33.1 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: VN075372.D
Acq: 22 Nov 2022 16:55

Tgt Ion:152 Resp: 100408
Ion Ratio Lower Upper
152 100
115 57.7 30.2 90.6
150 154.3 0.0 348.4

