

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075206.D
 Acq On : 08 Nov 2022 13:05
 Operator : JC\MD
 Sample : PB148887TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148887TB

Quant Time: Nov 09 01:31:59 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)

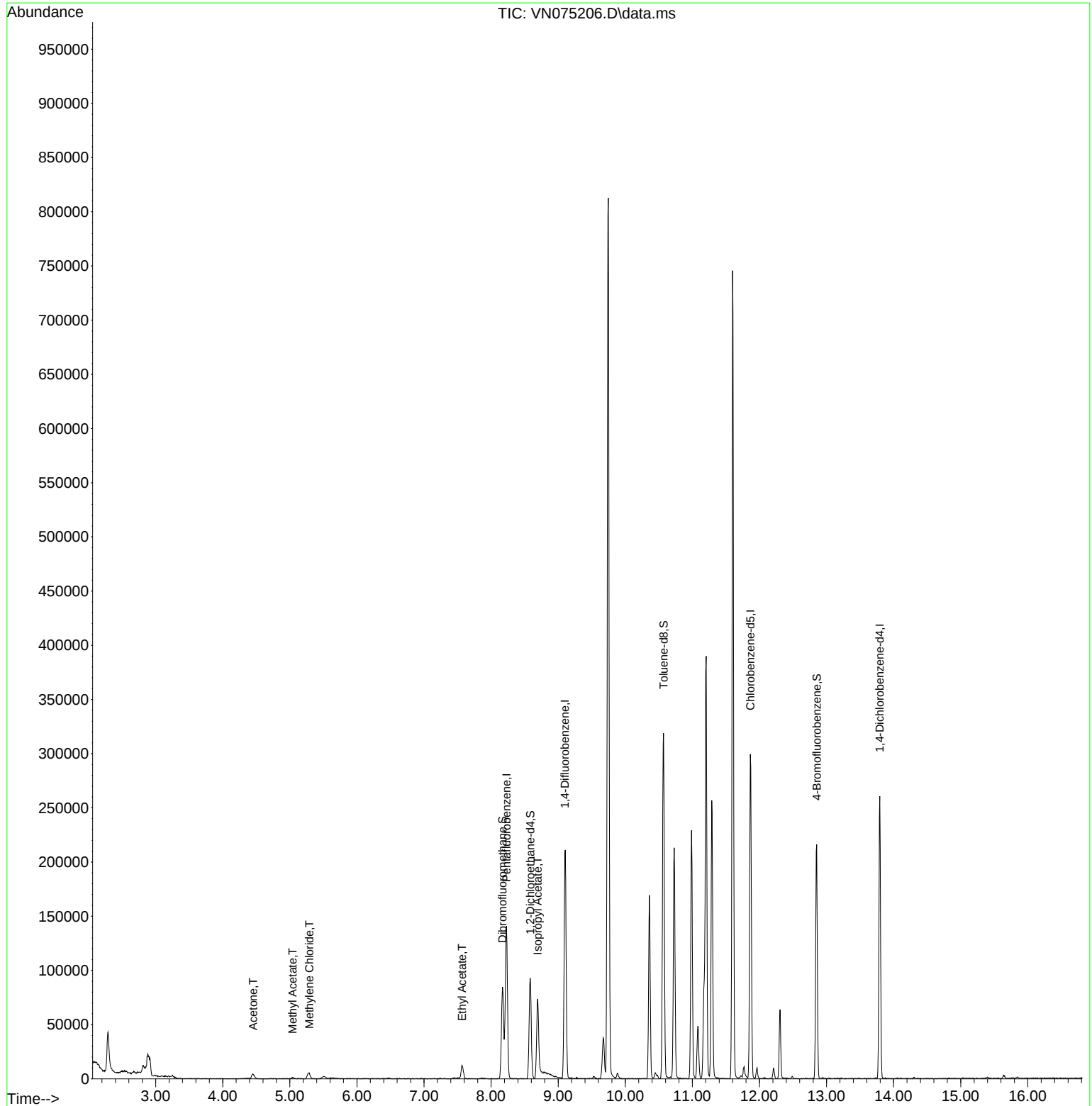
Internal Standards					
1) Pentafluorobenzene	8.230	168	99896	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	191854	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.865	117	178038	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70136	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.583	65	76396	56.759 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.520%		
35) Dibromofluoromethane	8.171	113	60137	53.394 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.780%		
50) Toluene-d8	10.571	98	231714	53.028 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.060%		
62) 4-Bromofluorobenzene	12.853	95	77331	50.379 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.760%		
Target Compounds					
				Qvalue	
16) Acetone	4.453	43	8870	15.564 ug/l #	86
18) Methyl Acetate	5.042	43	2347	1.261 ug/l #	62
20) Methylene Chloride	5.289	84	4564	3.592 ug/l #	83
37) Ethyl Acetate	7.565	43	18641	9.748 ug/l	97
43) Isopropyl Acetate	8.694	43	86273	29.086 ug/l #	87

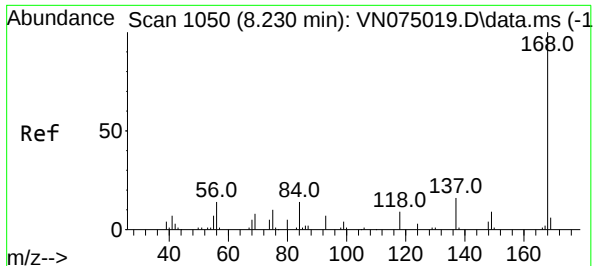
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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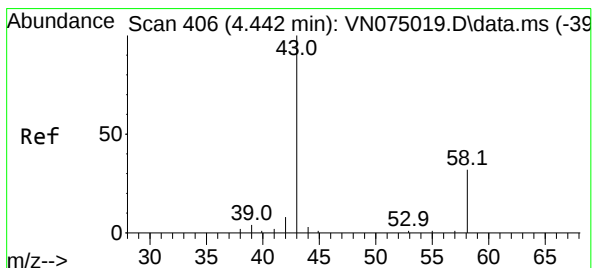
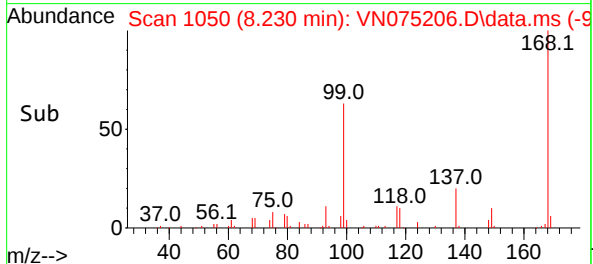
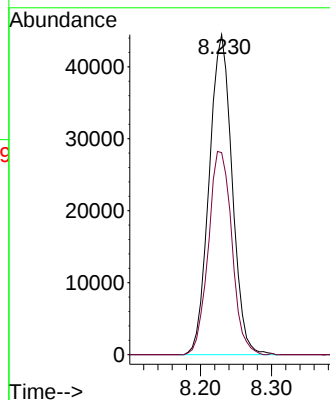
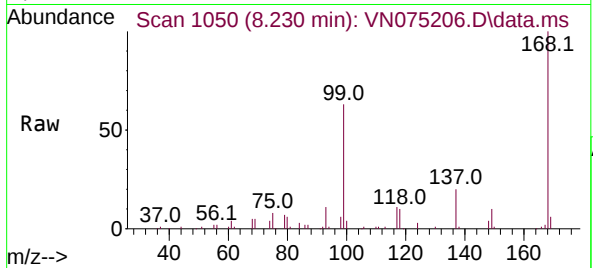




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075206.D
Acq: 08 Nov 2022 13:05

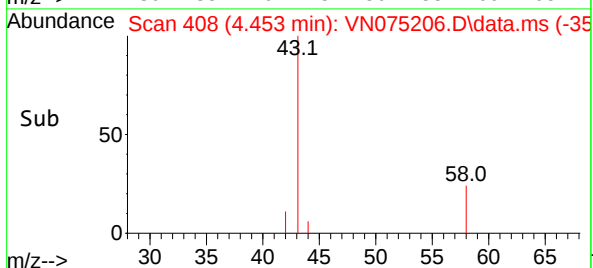
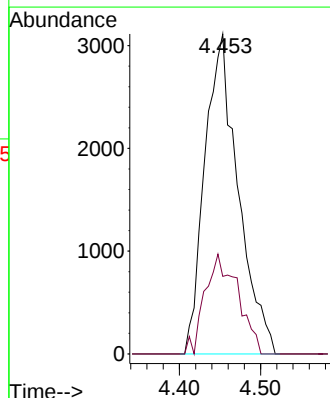
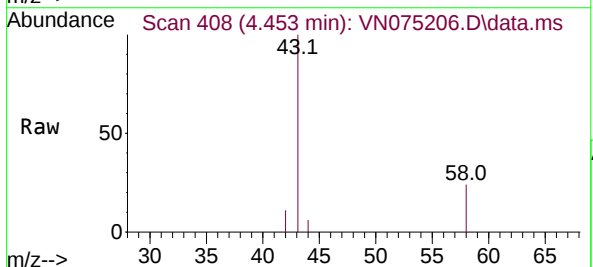
Instrument :
MSVOA_N
ClientSampleId :
PB148887TB

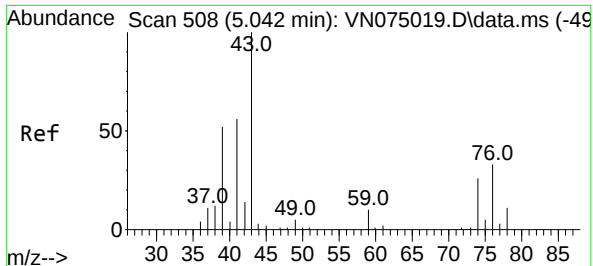
Tgt Ion:168 Resp: 99896
Ion Ratio Lower Upper
168 100
99 63.1 51.6 77.4



#16
Acetone
Concen: 15.564 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075206.D
Acq: 08 Nov 2022 13:05

Tgt Ion: 43 Resp: 8870
Ion Ratio Lower Upper
43 100
58 24.2 25.5 38.3#

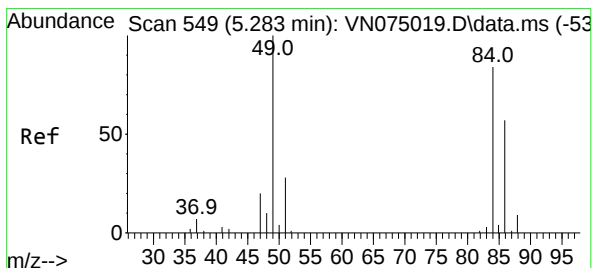
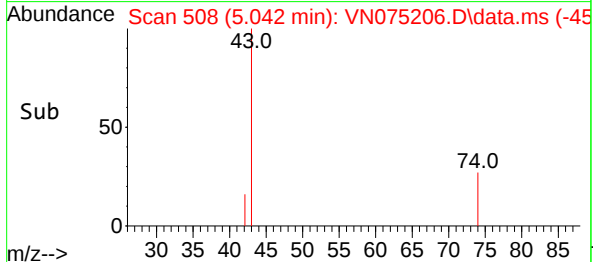
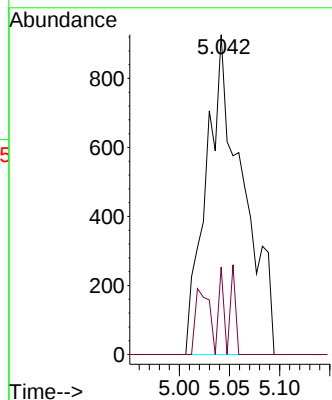
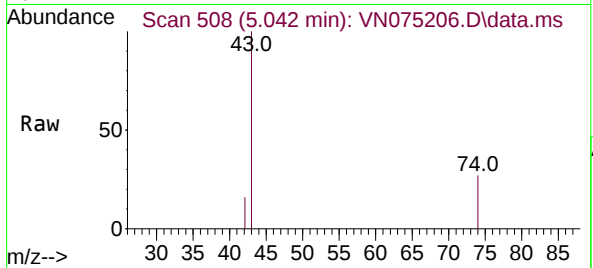




#18
Methyl Acetate
Concen: 1.261 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075206.D
Acq: 08 Nov 2022 13:05

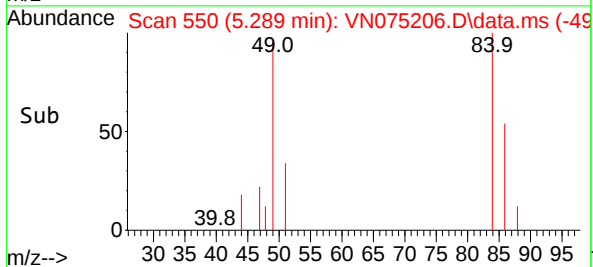
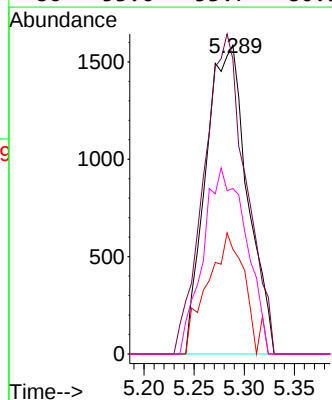
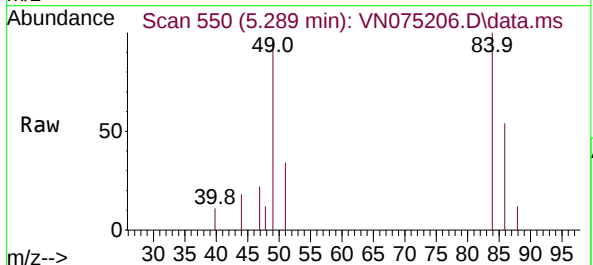
Instrument :
MSVOA_N
ClientSampleId :
PB148887TB

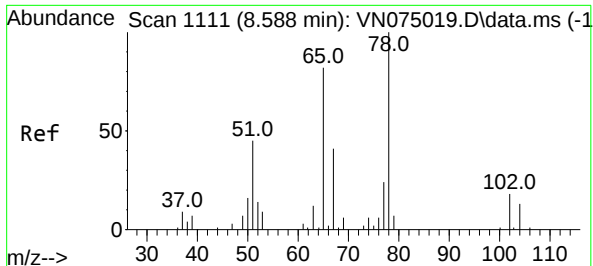
Tgt Ion: 43 Resp: 2347
Ion Ratio Lower Upper
43 100
74 7.7 22.0 33.0#



#20
Methylene Chloride
Concen: 3.592 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075206.D
Acq: 08 Nov 2022 13:05

Tgt Ion: 84 Resp: 4564
Ion Ratio Lower Upper
84 100
49 95.5 94.9 142.3
51 33.9 26.8 40.2
86 53.6 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 56.759 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075206.D

Acq: 08 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

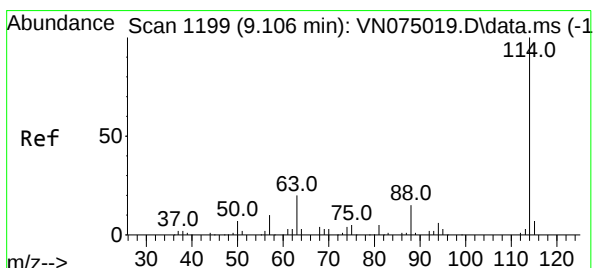
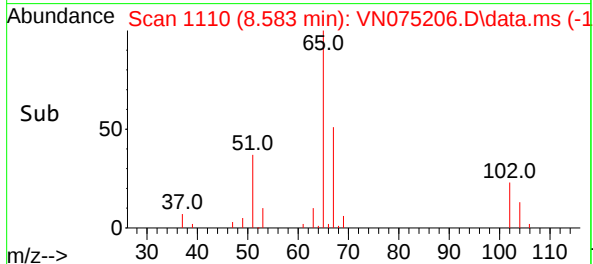
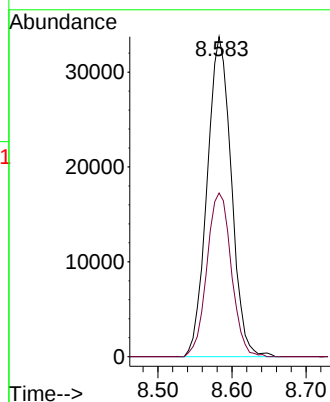
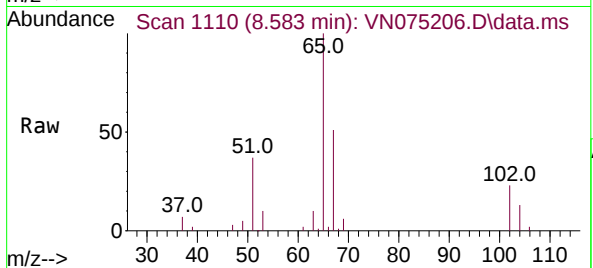
PB148887TB

Tgt Ion: 65 Resp: 76396

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075206.D

Acq: 08 Nov 2022 13:05

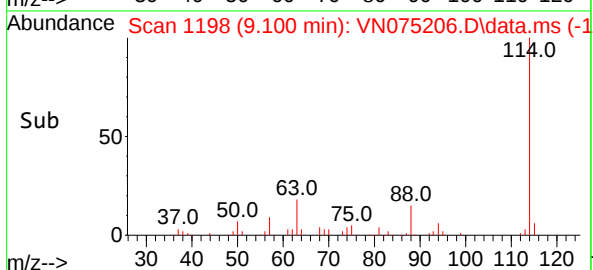
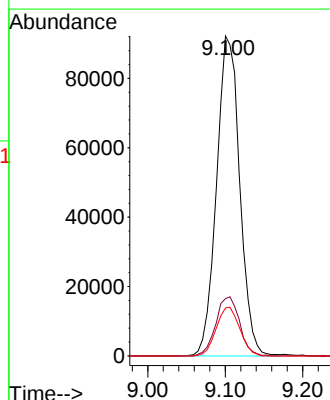
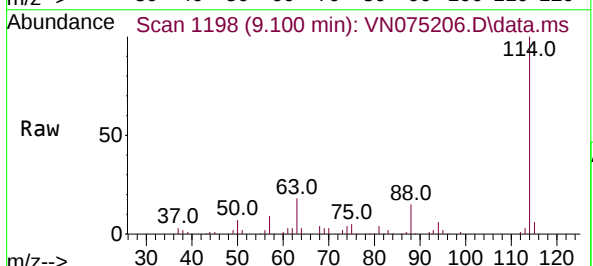
Tgt Ion: 114 Resp: 191854

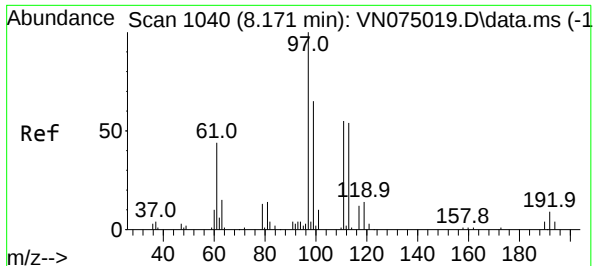
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.394 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075206.D

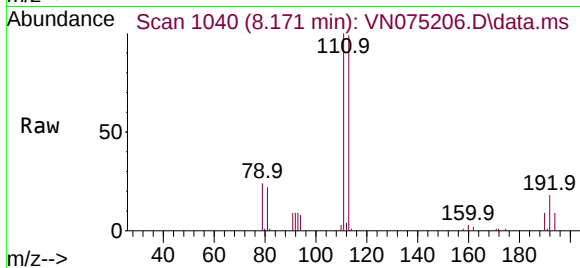
Acq: 08 Nov 2022 13:05

Instrument :

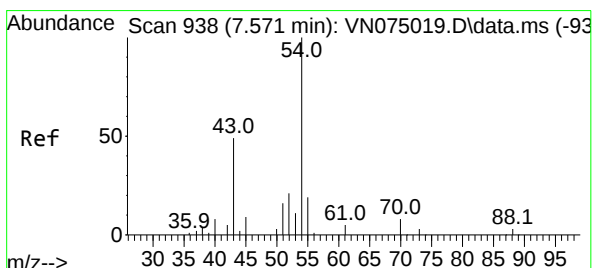
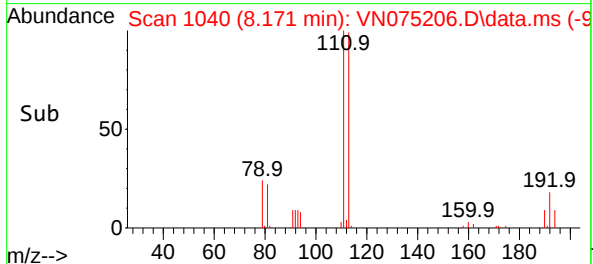
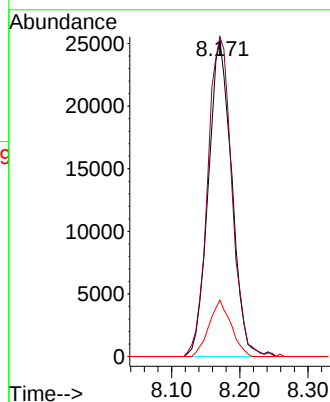
MSVOA_N

ClientSampleId :

PB148887TB



Tgt Ion:	113	Resp:	60137
Ion	Ratio	Lower	Upper
113	100		
111	104.6	80.5	120.7
192	16.8	13.2	19.8



#37

Ethyl Acetate

Concen: 9.748 ug/l

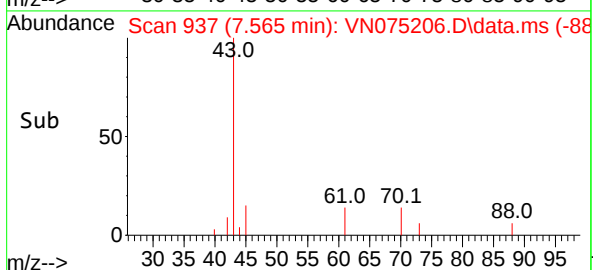
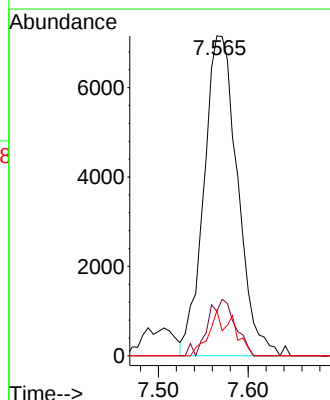
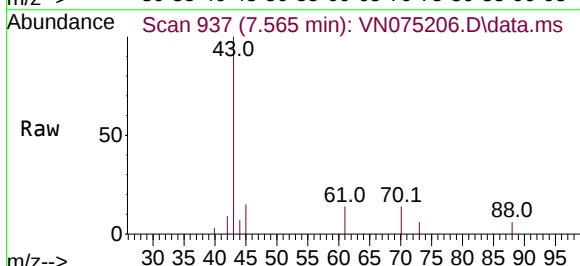
RT: 7.565 min Scan# 937

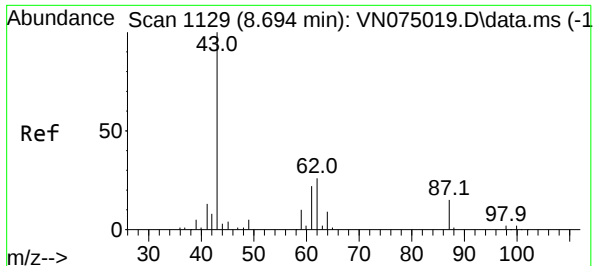
Delta R.T. -0.006 min

Lab File: VN075206.D

Acq: 08 Nov 2022 13:05

Tgt Ion:	43	Resp:	18641
Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.2	18.4
70	10.4	9.4	14.2

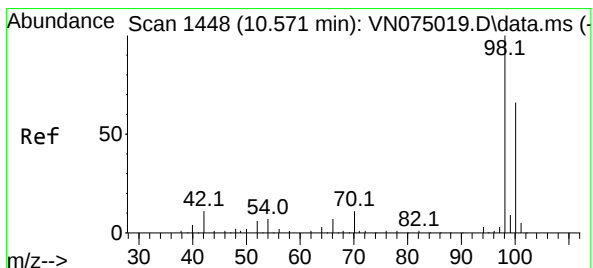
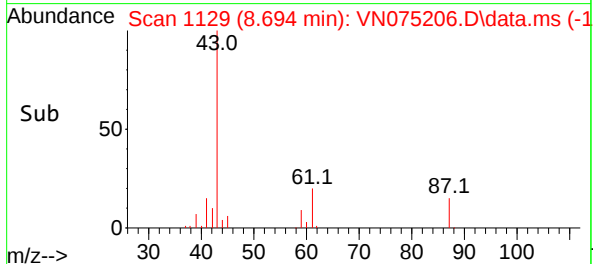
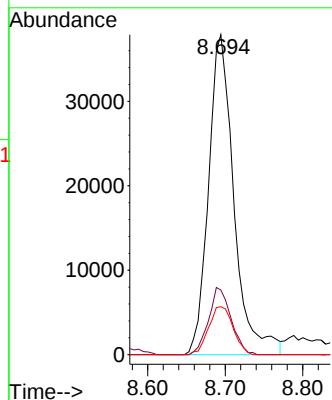
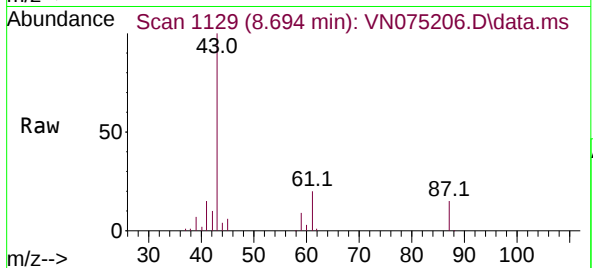




#43
Isopropyl Acetate
Concen: 29.086 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075206.D
Acq: 08 Nov 2022 13:05

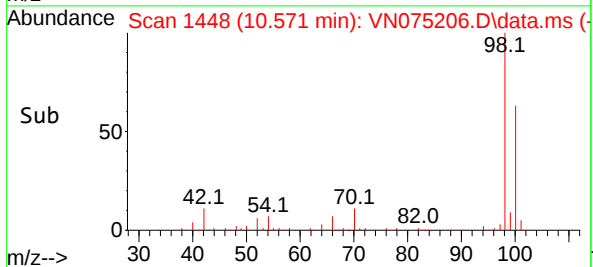
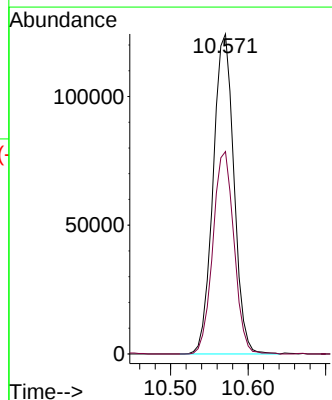
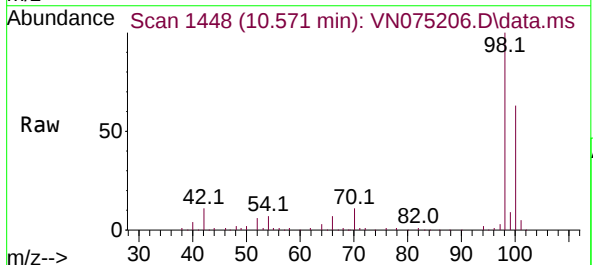
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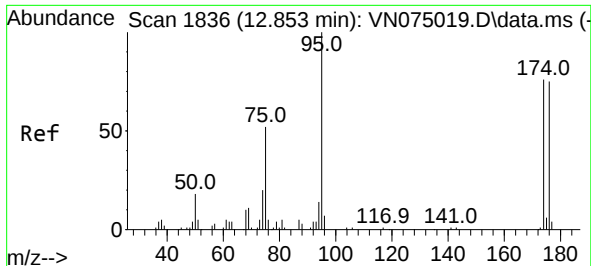
Tgt Ion: 43 Resp: 86273
Ion Ratio Lower Upper
43 100
61 18.5 22.4 33.6#
87 14.5 12.5 18.7



#50
Toluene-d8
Concen: 53.028 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075206.D
Acq: 08 Nov 2022 13:05

Tgt Ion: 98 Resp: 231714
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.6

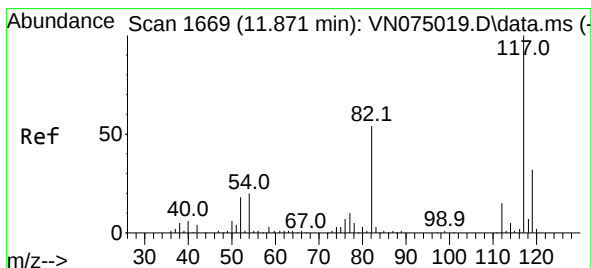
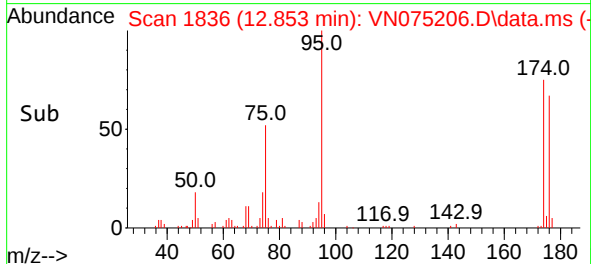
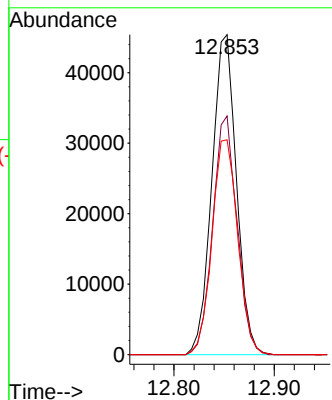
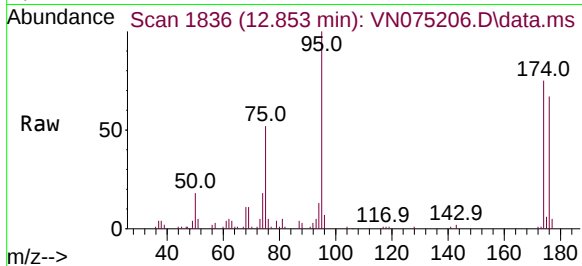




#62
4-Bromofluorobenzene
Concen: 50.379 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075206.D
Acq: 08 Nov 2022 13:05

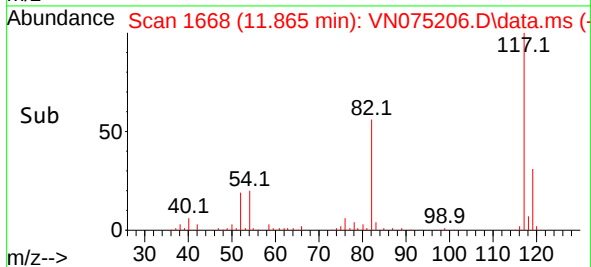
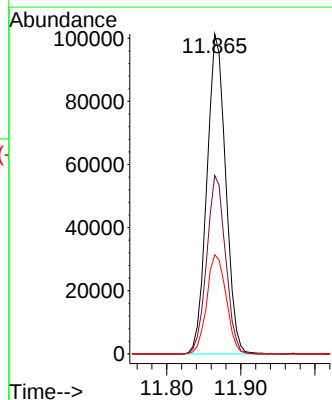
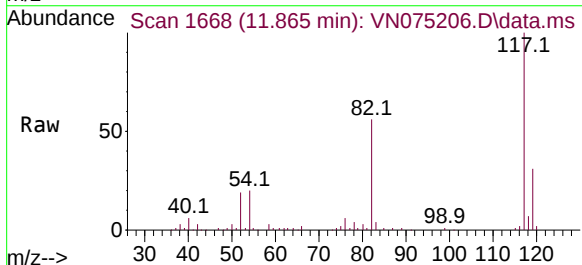
Instrument :
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PB148887TB

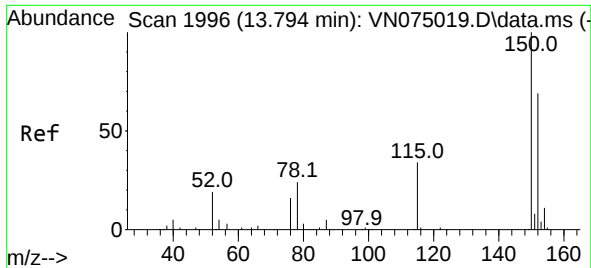
Tgt Ion: 95 Resp: 77331
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.4
176 70.5 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075206.D
Acq: 08 Nov 2022 13:05

Tgt Ion: 117 Resp: 178038
Ion Ratio Lower Upper
117 100
82 55.7 43.1 64.7
119 31.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN075206.D

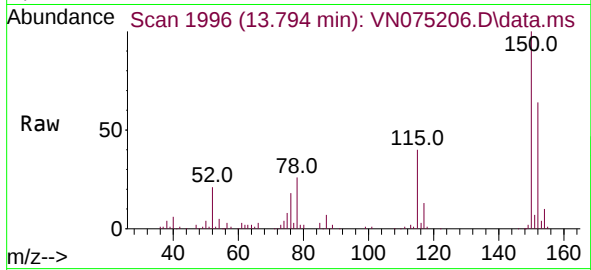
Acq: 08 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

PB148887TB



Tgt Ion:152 Resp: 70136

Ion Ratio Lower Upper

152 100

115 62.9 30.2 90.6

150 158.0 0.0 348.4

