

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073468.D
 Acq On : 14 Jul 2022 18:17
 Operator : JC\MD
 Sample : PB146227TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146227TB

Quant Time: Jul 15 02:03:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

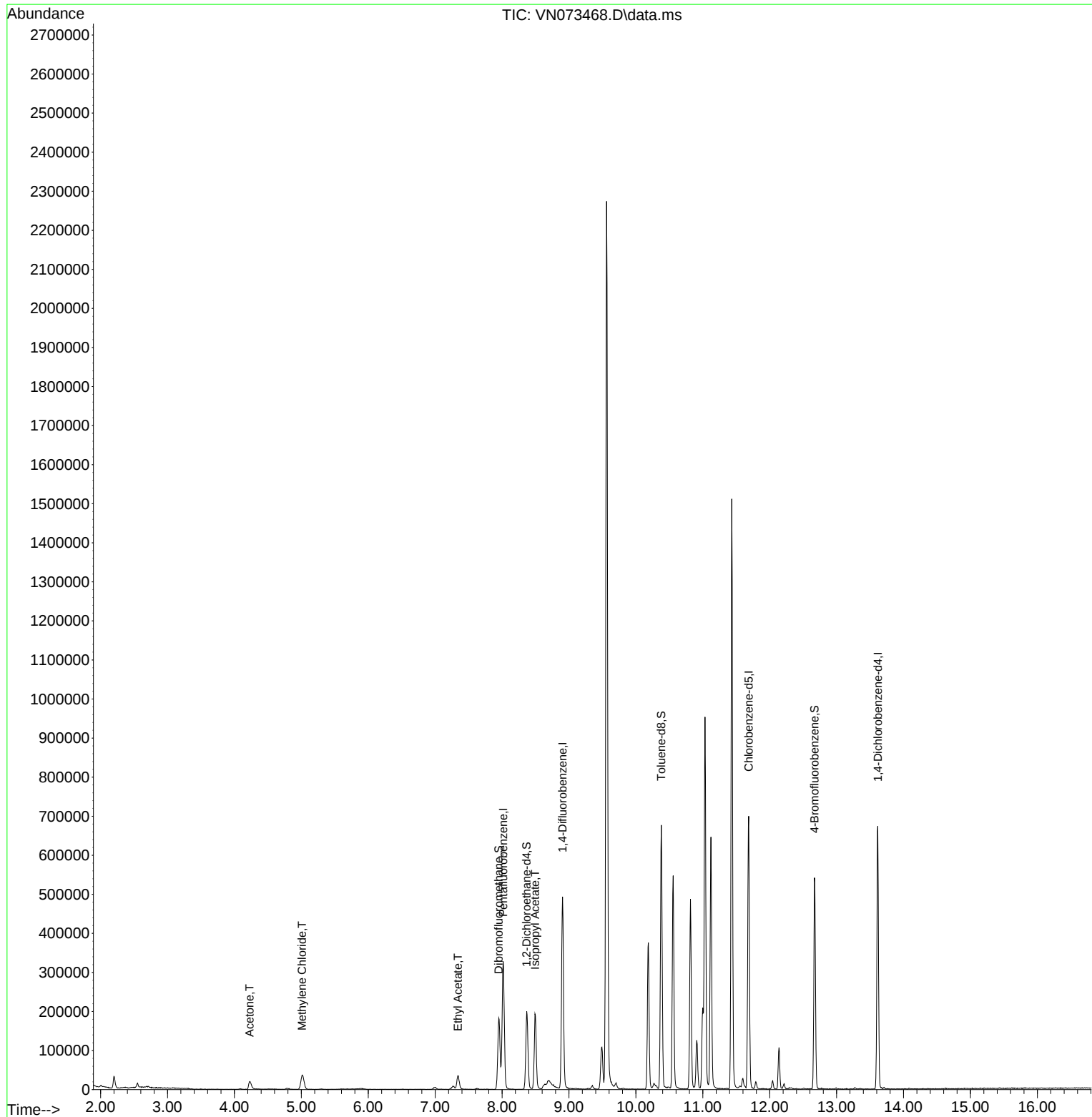
Internal Standards						
1) Pentafluorobenzene	8.016	168	239698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	418914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	388702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	176306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	166754	48.191	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.380%
35) Dibromofluoromethane	7.951	113	136912	49.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	10.380	98	449493	45.409	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.668	95	190421	50.057	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.120%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	39106	20.134	ug/l	93
20) Methylene Chloride	5.010	84	30196	8.846	ug/l	96
37) Ethyl Acetate	7.339	43	59008	9.106	ug/l	95
43) Isopropyl Acetate	8.492	43	223502	24.000	ug/l #	86

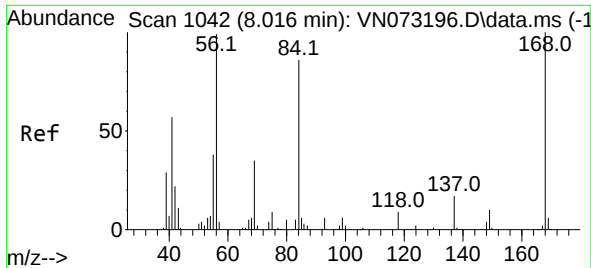
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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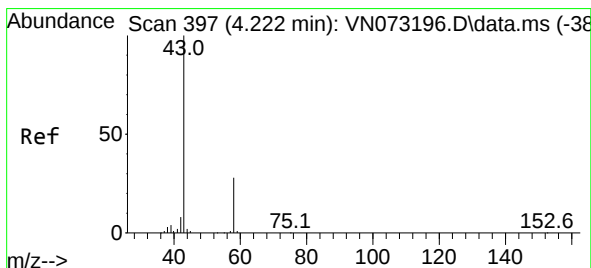
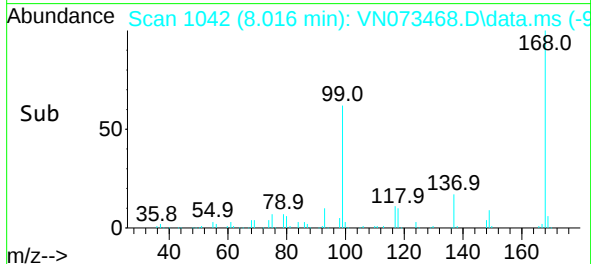
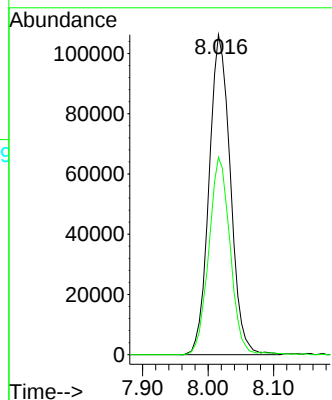
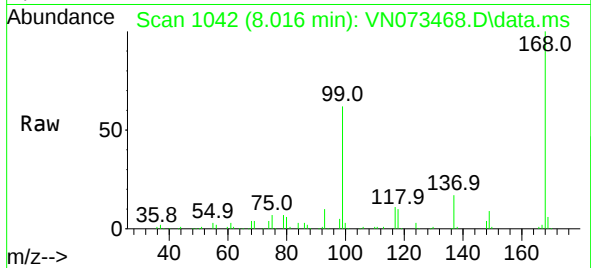




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073468.D
Acq: 14 Jul 2022 18:17

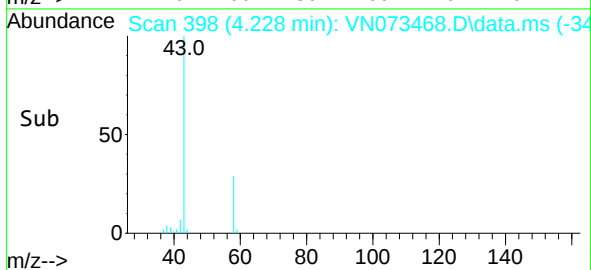
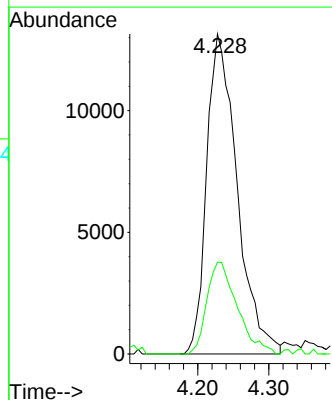
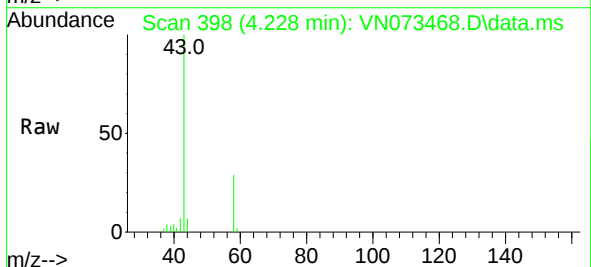
Instrument :
MSVOA_N
ClientSampleId :
PB146227TB

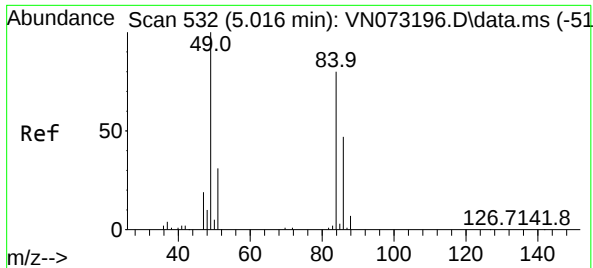
Tgt Ion:168 Resp: 239698
Ion Ratio Lower Upper
168 100
99 61.7 42.3 63.5



#16
Acetone
Concen: 20.134 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073468.D
Acq: 14 Jul 2022 18:17

Tgt Ion: 43 Resp: 39106
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0





#20

Methylene Chloride

Concen: 8.846 ug/l

RT: 5.010 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN073468.D

Acq: 14 Jul 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB146227TB

Tgt Ion: 84 Resp: 30196

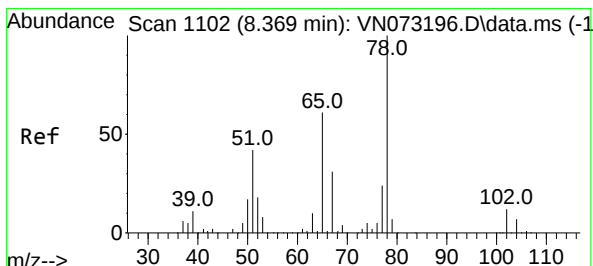
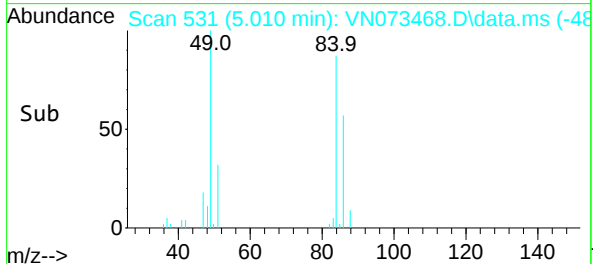
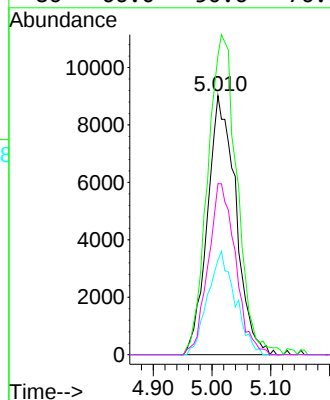
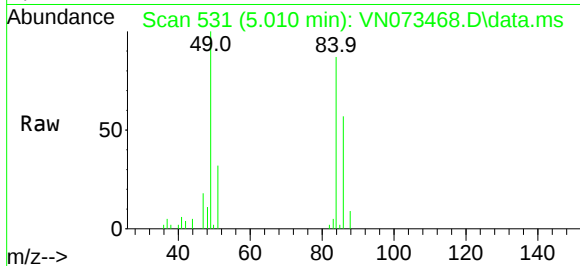
Ion Ratio Lower Upper

84 100

49 115.5 88.3 132.5

51 36.5 28.2 42.2

86 66.0 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 48.191 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073468.D

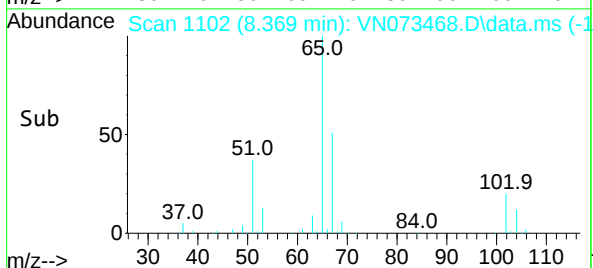
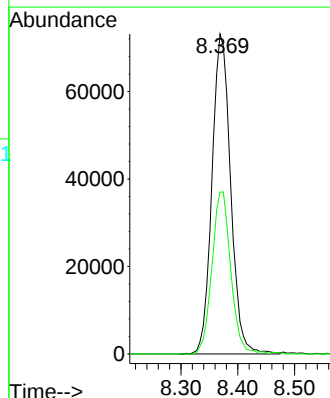
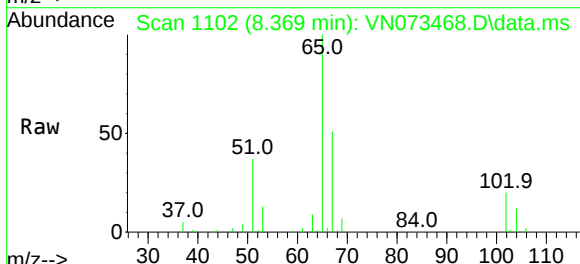
Acq: 14 Jul 2022 18:17

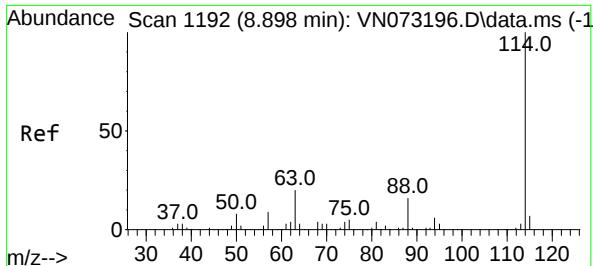
Tgt Ion: 65 Resp: 166754

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.8

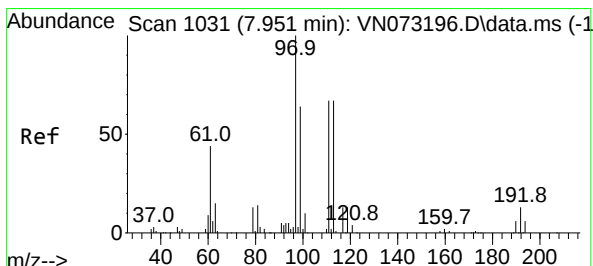
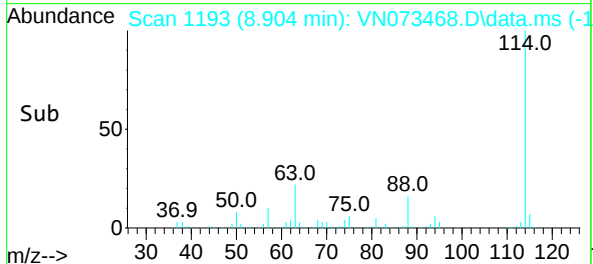
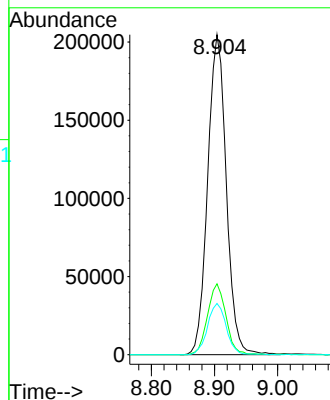
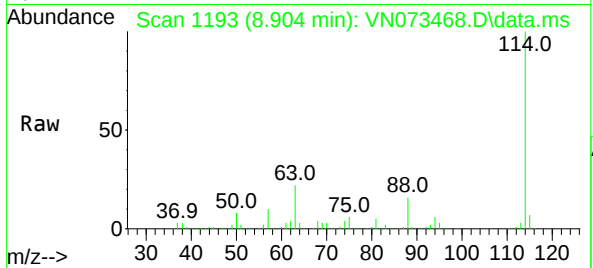




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073468.D
Acq: 14 Jul 2022 18:17

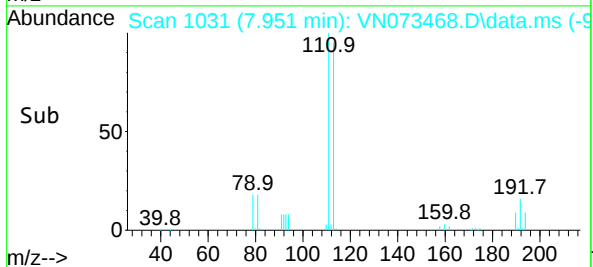
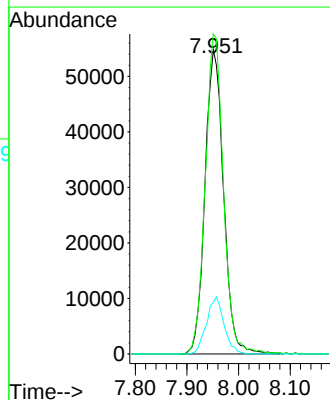
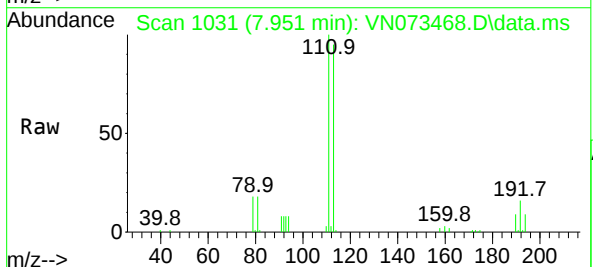
Instrument :
MSVOA_N
ClientSampleId :
PB146227TB

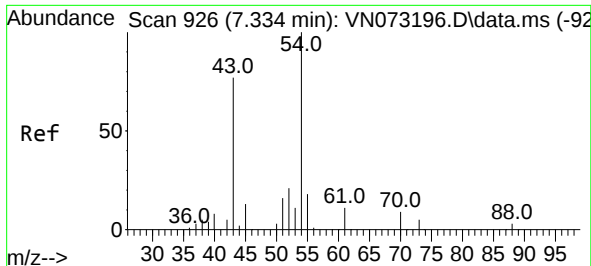
Tgt Ion:114 Resp: 418914
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.124 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073468.D
Acq: 14 Jul 2022 18:17

Tgt Ion:113 Resp: 136912
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 17.7 17.0 25.6





#37

Ethyl Acetate

Concen: 9.106 ug/l

RT: 7.339 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN073468.D

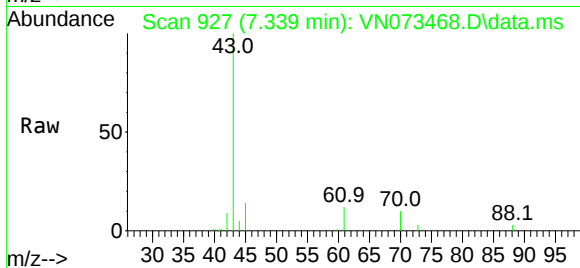
Acq: 14 Jul 2022 18:17

Instrument :

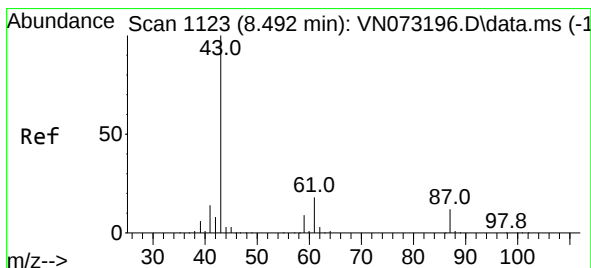
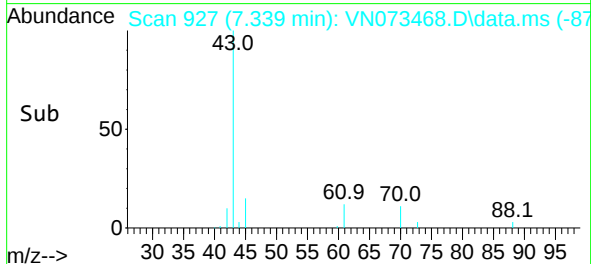
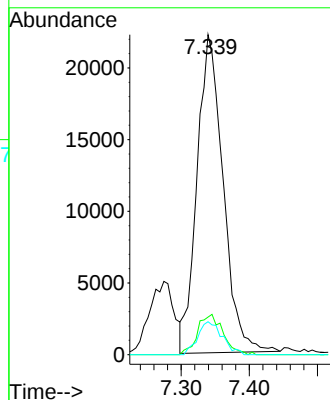
MSVOA_N

ClientSampleId :

PB146227TB



Tgt Ion:	43	Resp:	59008
Ion Ratio	Lower	Upper	
43	100		
61	12.3	11.8	17.6
70	9.8	9.3	13.9



#43

Isopropyl Acetate

Concen: 24.000 ug/l

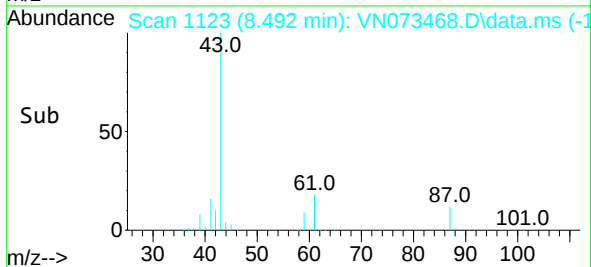
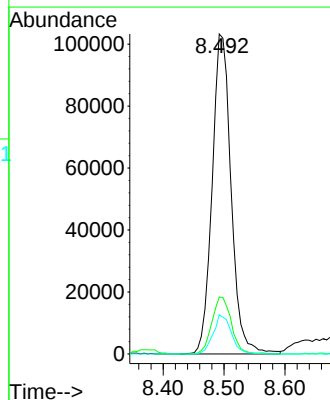
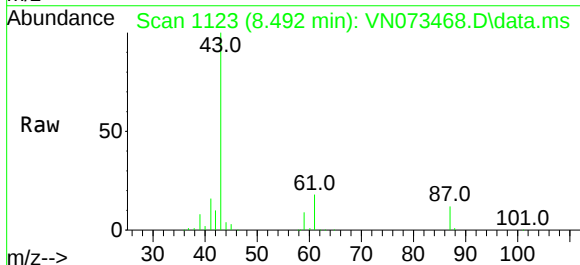
RT: 8.492 min Scan# 1123

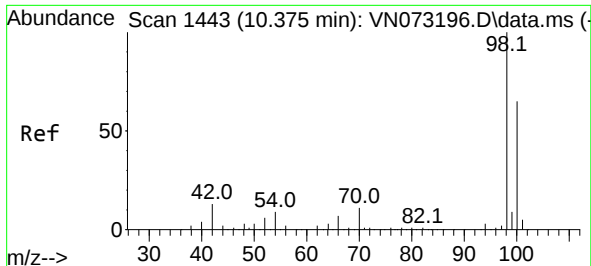
Delta R.T. 0.000 min

Lab File: VN073468.D

Acq: 14 Jul 2022 18:17

Tgt Ion:	43	Resp:	223502
Ion Ratio	Lower	Upper	
43	100		
61	18.3	21.9	32.9#
87	11.7	12.0	18.0#

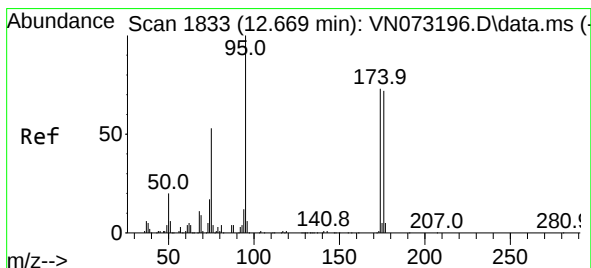
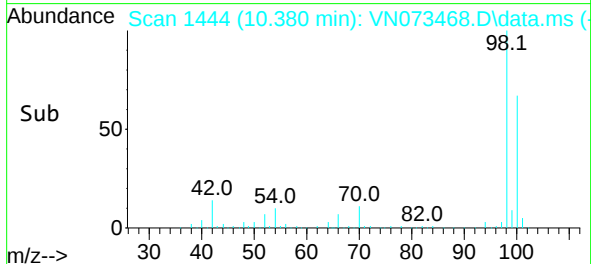
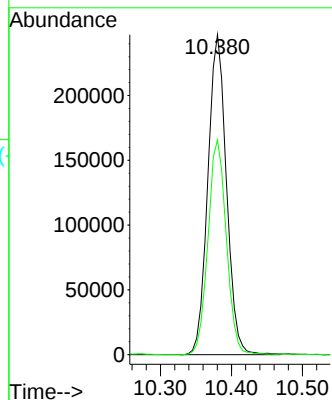
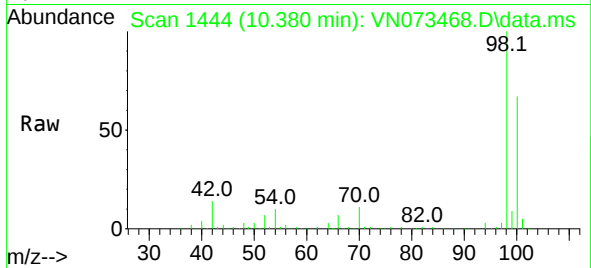




#50
Toluene-d8
Concen: 45.409 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073468.D
Acq: 14 Jul 2022 18:17

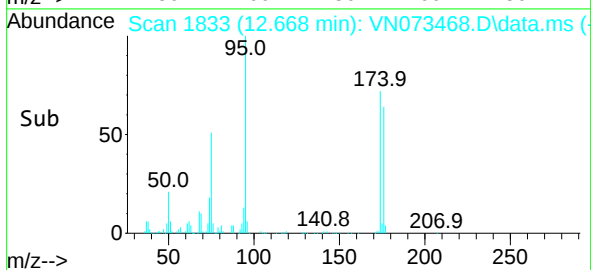
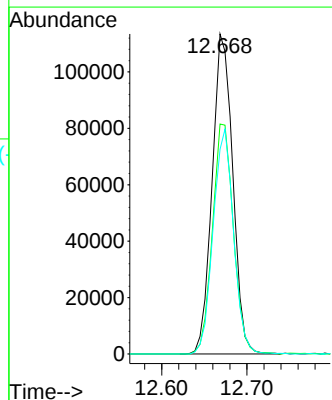
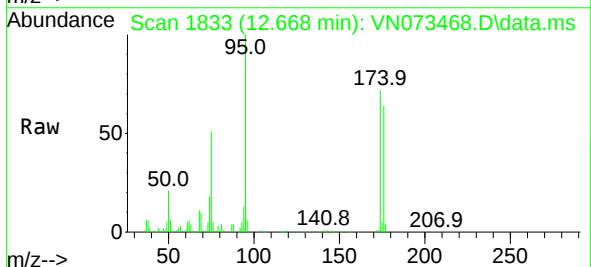
Instrument :
MSVOA_N
ClientSampleId :
PB146227TB

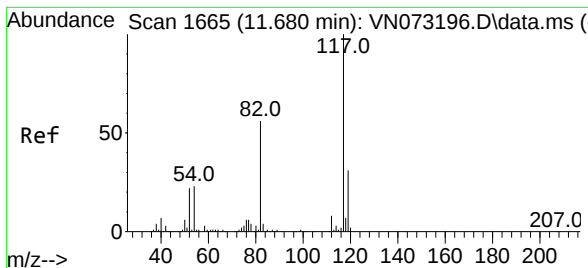
Tgt Ion: 98 Resp: 449493
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.057 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073468.D
Acq: 14 Jul 2022 18:17

Tgt Ion: 95 Resp: 190421
Ion Ratio Lower Upper
95 100
174 73.2 0.0 167.6
176 69.7 0.0 163.4

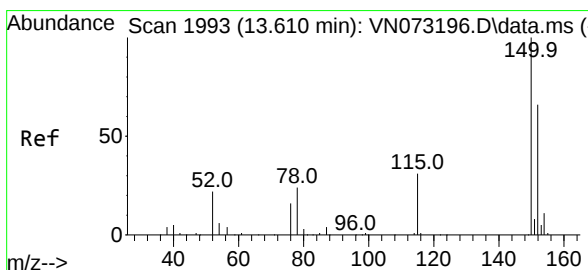
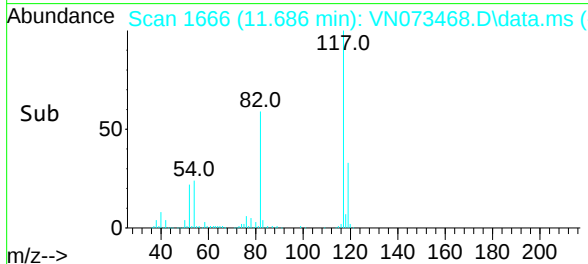
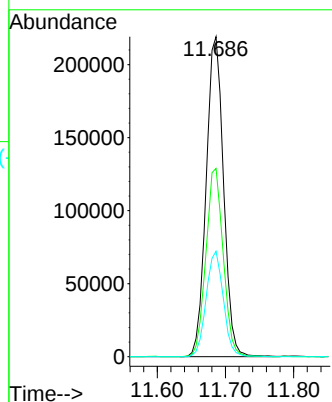
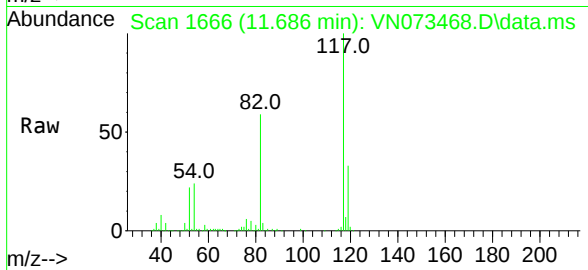




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073468.D
Acq: 14 Jul 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :
PB146227TB

Tgt Ion:117 Resp: 388702
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073468.D
Acq: 14 Jul 2022 18:17

Tgt Ion:152 Resp: 176306
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.7
150 157.3 0.0 356.2

