

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073643.D
 Acq On : 29 Jul 2022 18:37
 Operator : JC\MD
 Sample : PB146545ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146545ZHE#04

Quant Time: Aug 01 04:08:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

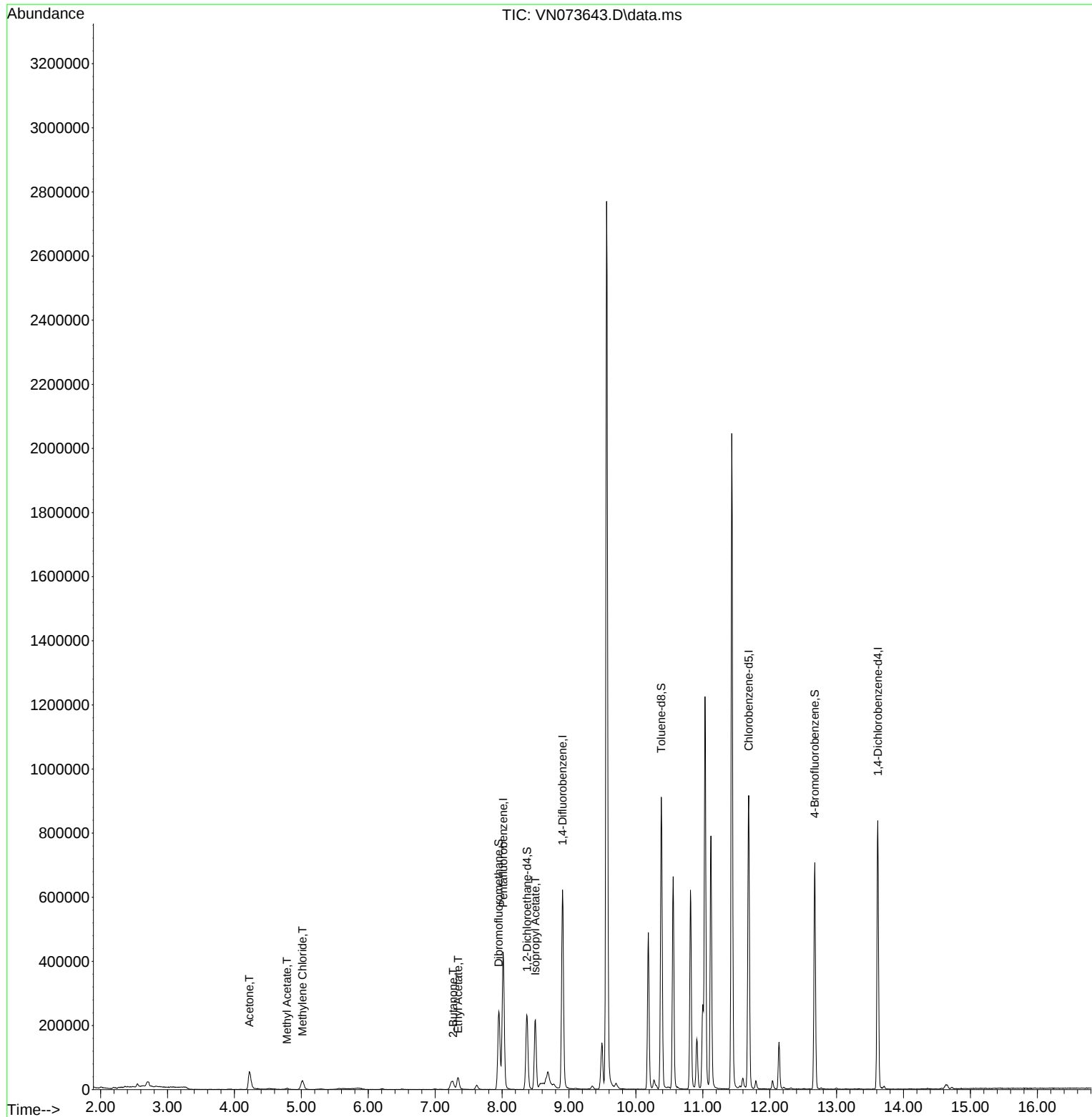
Internal Standards						
1) Pentafluorobenzene	8.016	168	340497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	563391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	553623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	237887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	191763	46.213	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.420%
35) Dibromofluoromethane	7.951	113	179578	50.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.520%
50) Toluene-d8	10.380	98	629762	45.237	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.480%
62) 4-Bromofluorobenzene	12.674	95	225858	48.789	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.580%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	104540	46.905	ug/l	98
18) Methyl Acetate	4.787	43	6921	1.248	ug/l #	88
20) Methylene Chloride	5.016	84	23781	4.594	ug/l	95
25) 2-Butanone	7.269	43	31377	9.065	ug/l	96
37) Ethyl Acetate	7.345	43	58968	8.880	ug/l	99
43) Isopropyl Acetate	8.498	43	238645	26.608	ug/l #	92

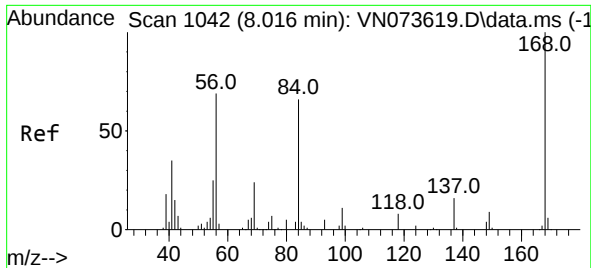
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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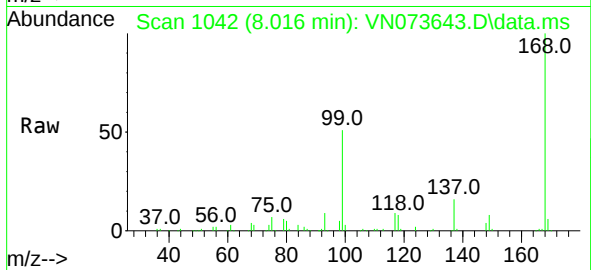
Quant Time: Aug 01 04:08:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration



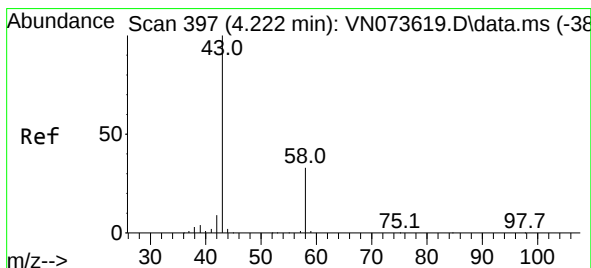
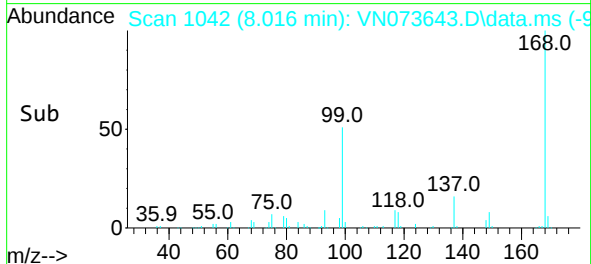
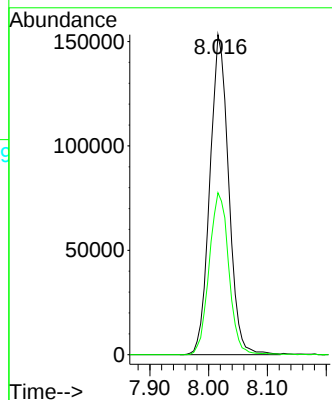


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073643.D
Acq: 29 Jul 2022 18:37

Instrument :
MSVOA_N
ClientSampleId :
PB146545ZHE#04

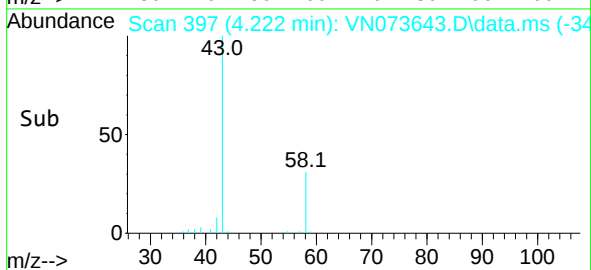
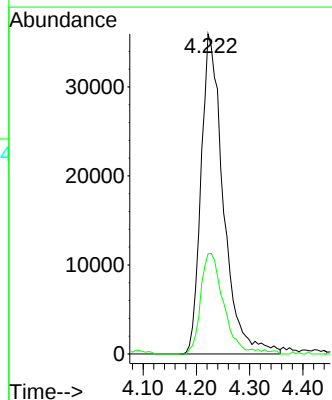
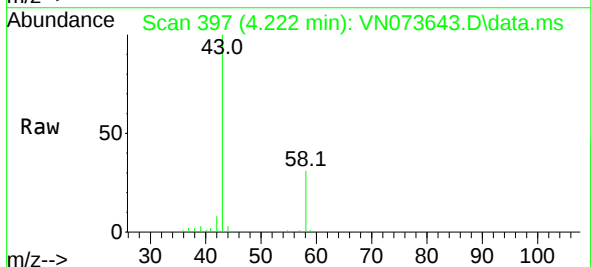


Tgt Ion:168 Resp: 340497
Ion Ratio Lower Upper
168 100
99 50.6 42.3 63.5



#16
Acetone
Concen: 46.905 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073643.D
Acq: 29 Jul 2022 18:37

Tgt Ion: 43 Resp: 104540
Ion Ratio Lower Upper
43 100
58 31.3 26.0 39.0

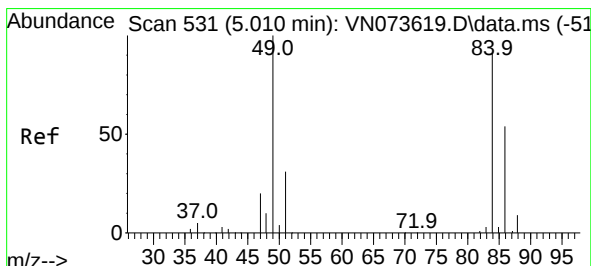
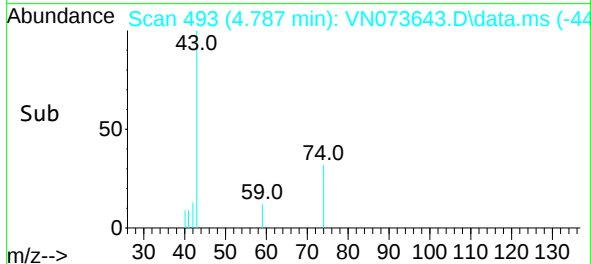
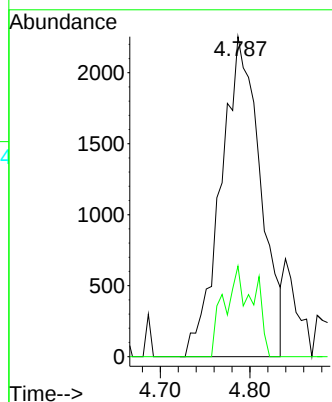
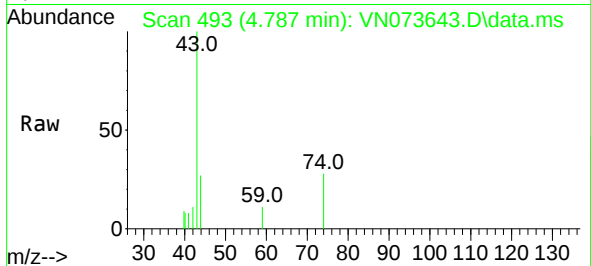




#18
Methyl Acetate
Concen: 1.248 ug/l
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073643.D
Acq: 29 Jul 2022 18:37

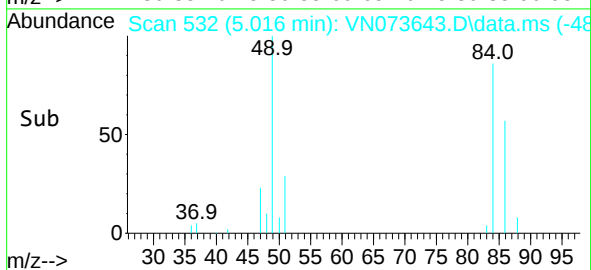
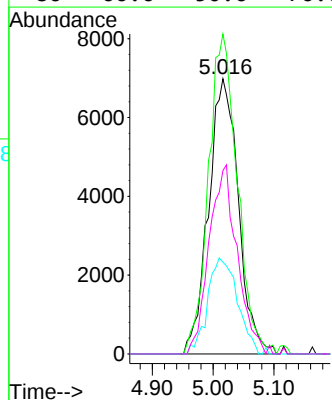
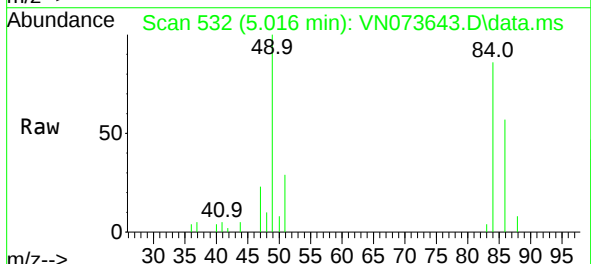
Instrument :
MSVOA_N
ClientSampleId :
PB146545ZHE#04

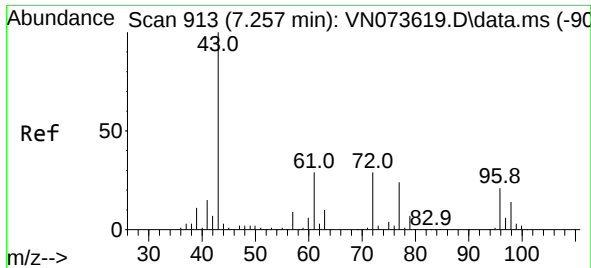
Tgt Ion: 43 Resp: 6921
Ion Ratio Lower Upper
43 100
74 20.8 21.6 32.4#



#20
Methylene Chloride
Concen: 4.594 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073643.D
Acq: 29 Jul 2022 18:37

Tgt Ion: 84 Resp: 23781
Ion Ratio Lower Upper
84 100
49 116.2 88.3 132.5
51 33.4 28.2 42.2
86 66.6 50.6 76.0

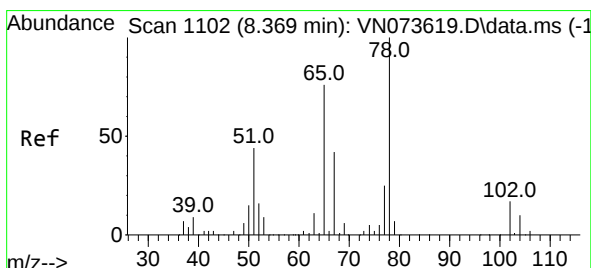
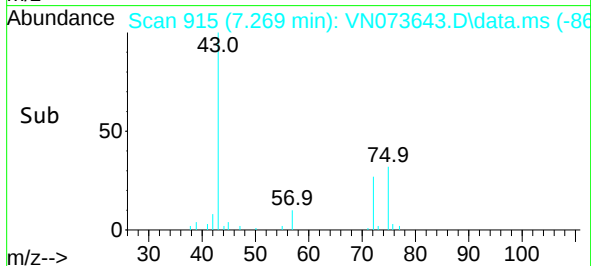
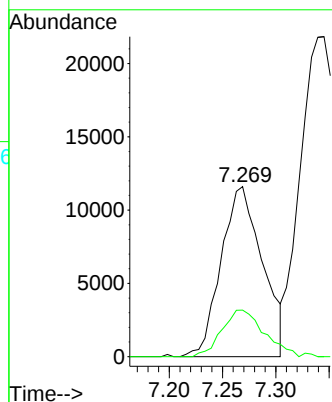
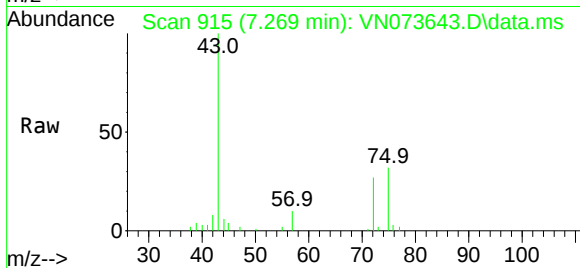




#25
2-Butanone
Concen: 9.065 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN073643.D
Acq: 29 Jul 2022 18:37

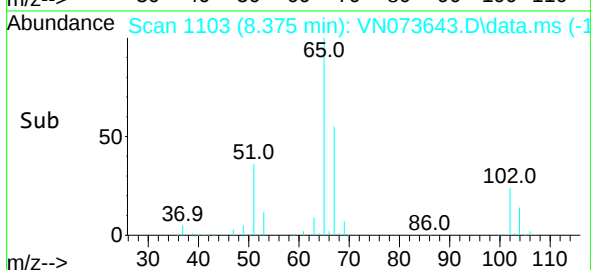
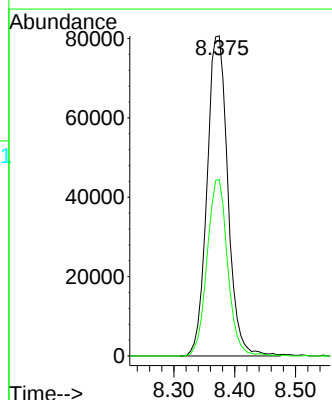
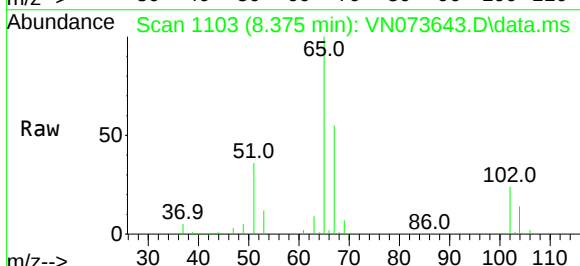
Instrument :
MSVOA_N
ClientSampleId :
PB146545ZHE#04

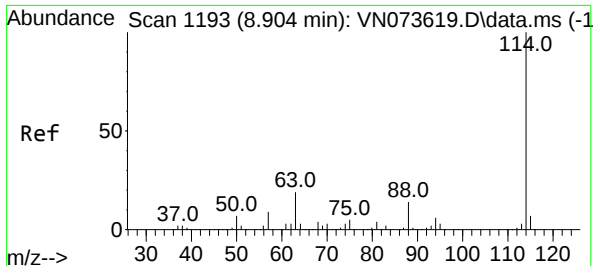
Tgt Ion: 43 Resp: 31377
Ion Ratio Lower Upper
43 100
72 27.4 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 46.213 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073643.D
Acq: 29 Jul 2022 18:37

Tgt Ion: 65 Resp: 191763
Ion Ratio Lower Upper
65 100
67 54.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073643.D

Acq: 29 Jul 2022 18:37

Instrument :

MSVOA_N

ClientSampleId :

PB146545ZHE#04

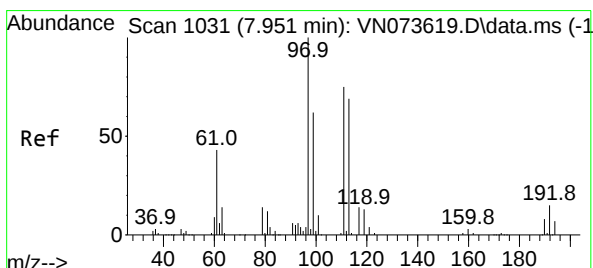
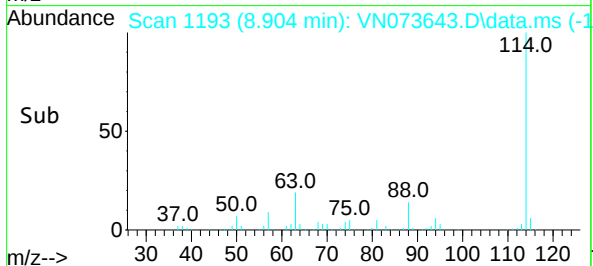
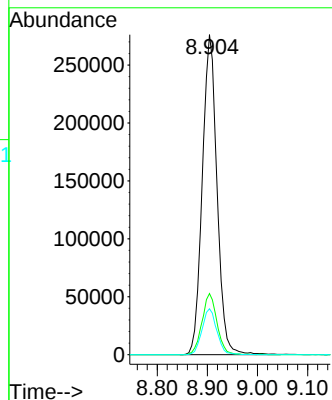
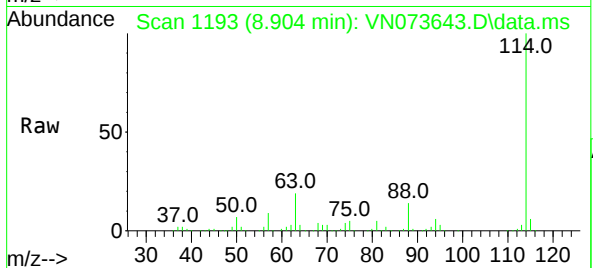
Tgt Ion:114 Resp: 563391

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.761 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073643.D

Acq: 29 Jul 2022 18:37

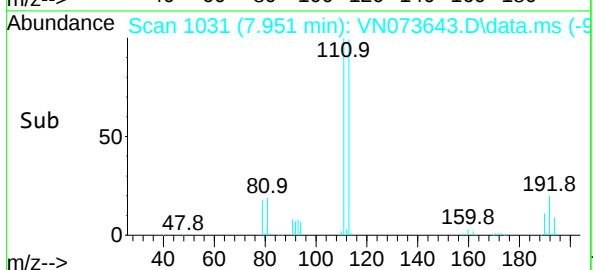
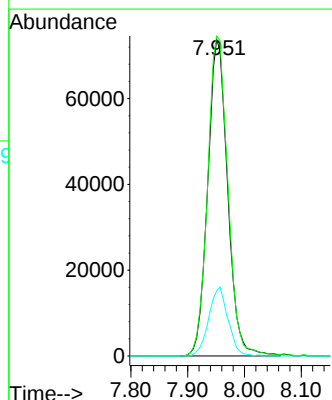
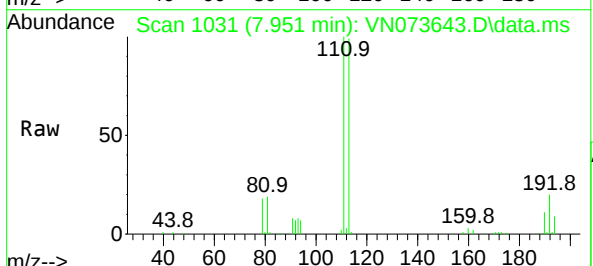
Tgt Ion:113 Resp: 179578

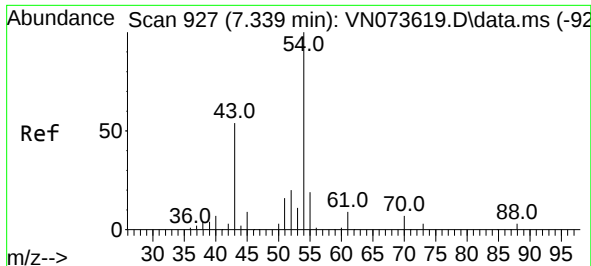
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 21.0 17.0 25.6

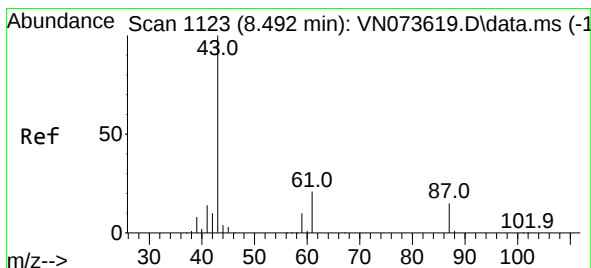
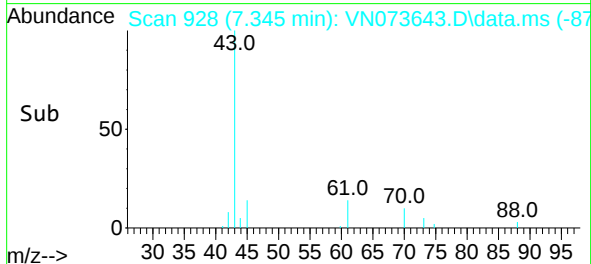
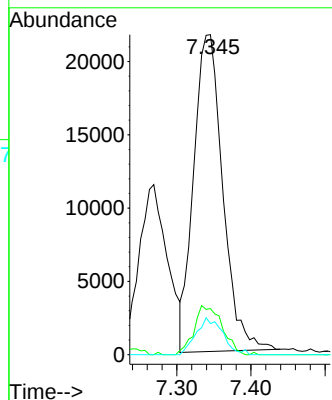
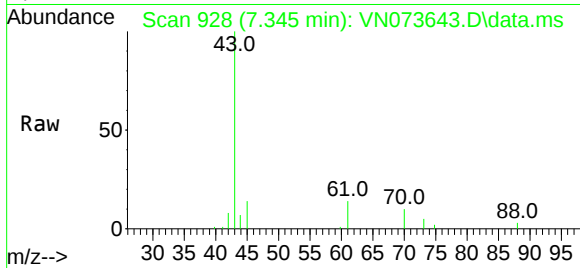




#37
Ethyl Acetate
Concen: 8.880 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073643.D
Acq: 29 Jul 2022 18:37

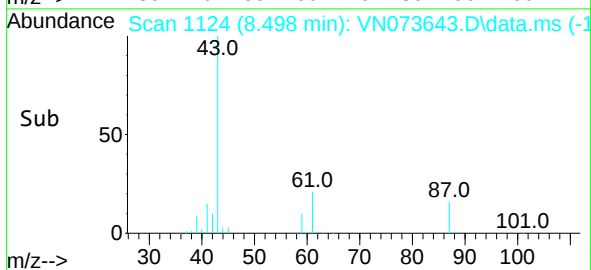
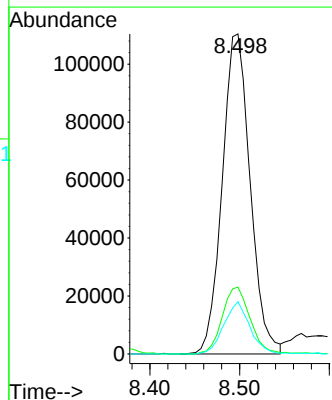
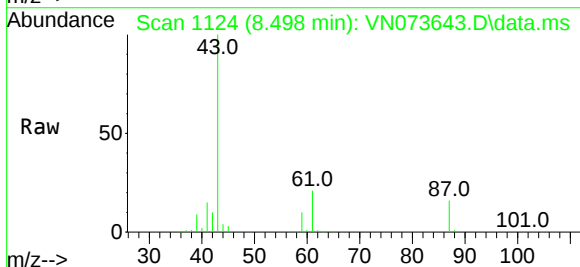
Instrument :
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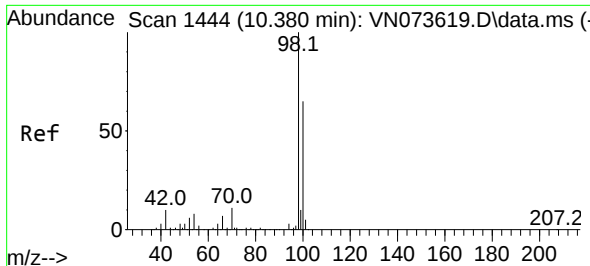
Tgt Ion: 43 Resp: 58968
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.6
70 10.7 9.3 13.9



#43
Isopropyl Acetate
Concen: 26.608 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073643.D
Acq: 29 Jul 2022 18:37

Tgt Ion: 43 Resp: 238645
Ion Ratio Lower Upper
43 100
61 20.9 21.9 32.9#
87 15.3 12.0 18.0

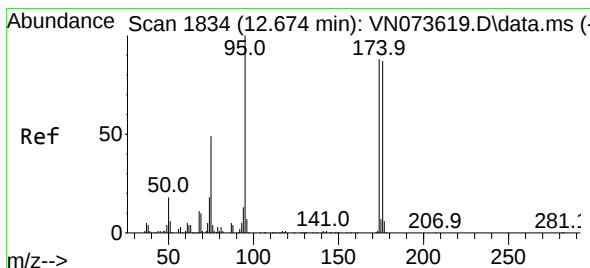
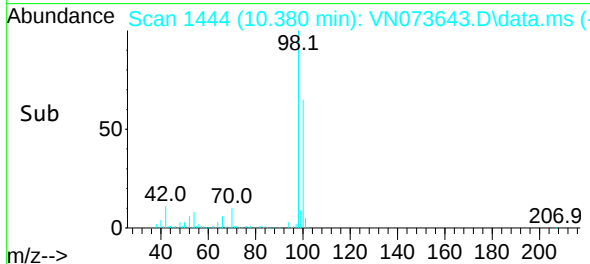
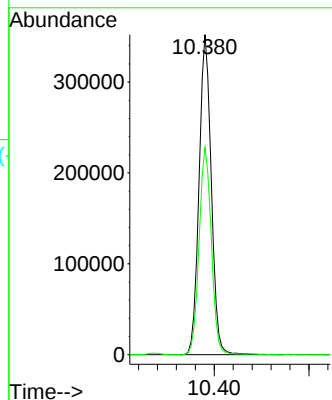
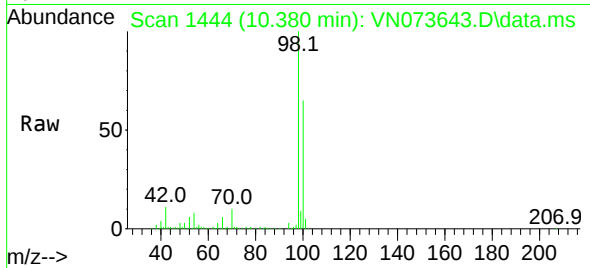




#50
Toluene-d8
Concen: 45.237 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073643.D
Acq: 29 Jul 2022 18:37

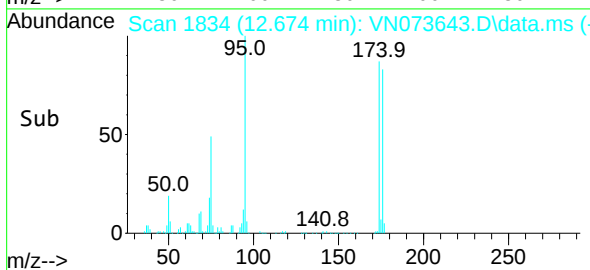
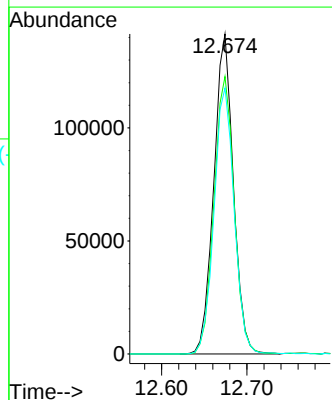
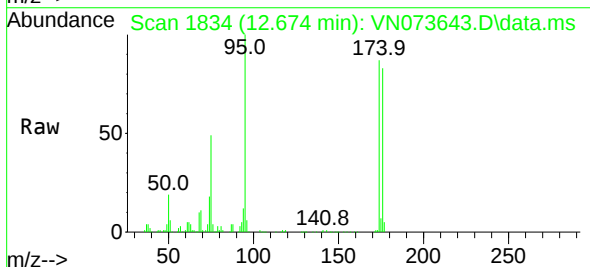
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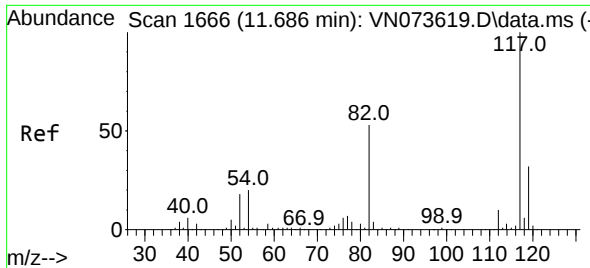
Tgt Ion: 98 Resp: 629762
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.789 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073643.D
Acq: 29 Jul 2022 18:37

Tgt Ion: 95 Resp: 225858
Ion Ratio Lower Upper
95 100
174 89.4 0.0 167.6
176 85.5 0.0 163.4

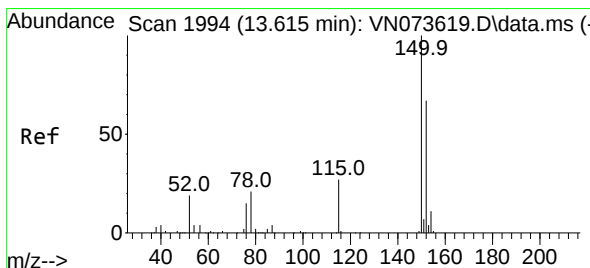
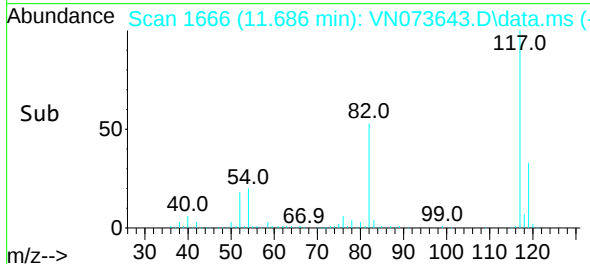
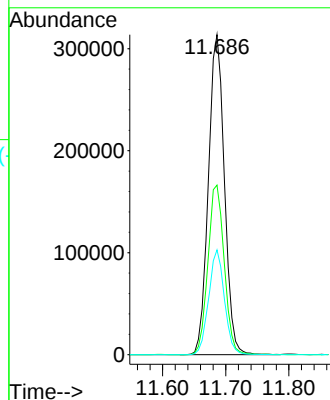
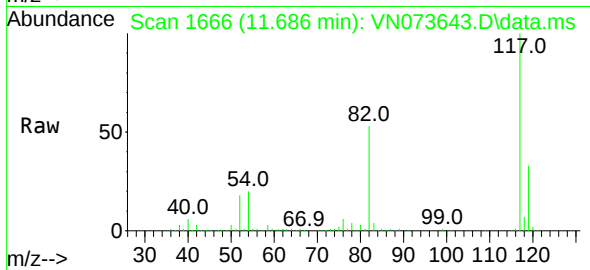




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073643.D
Acq: 29 Jul 2022 18:37

Instrument :
MSVOA_N
ClientSampleId :
PB146545ZHE#04

Tgt Ion:117 Resp: 553623
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073643.D
Acq: 29 Jul 2022 18:37

Tgt Ion:152 Resp: 237887
Ion Ratio Lower Upper
152 100
115 55.5 28.9 86.7
150 156.4 0.0 356.2

