

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082640.D
 Acq On : 19 Jun 2024 14:47
 Operator : JC\MD
 Sample : PB161542ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161542ZHE#06

Quant Time: Jun 20 03:01:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

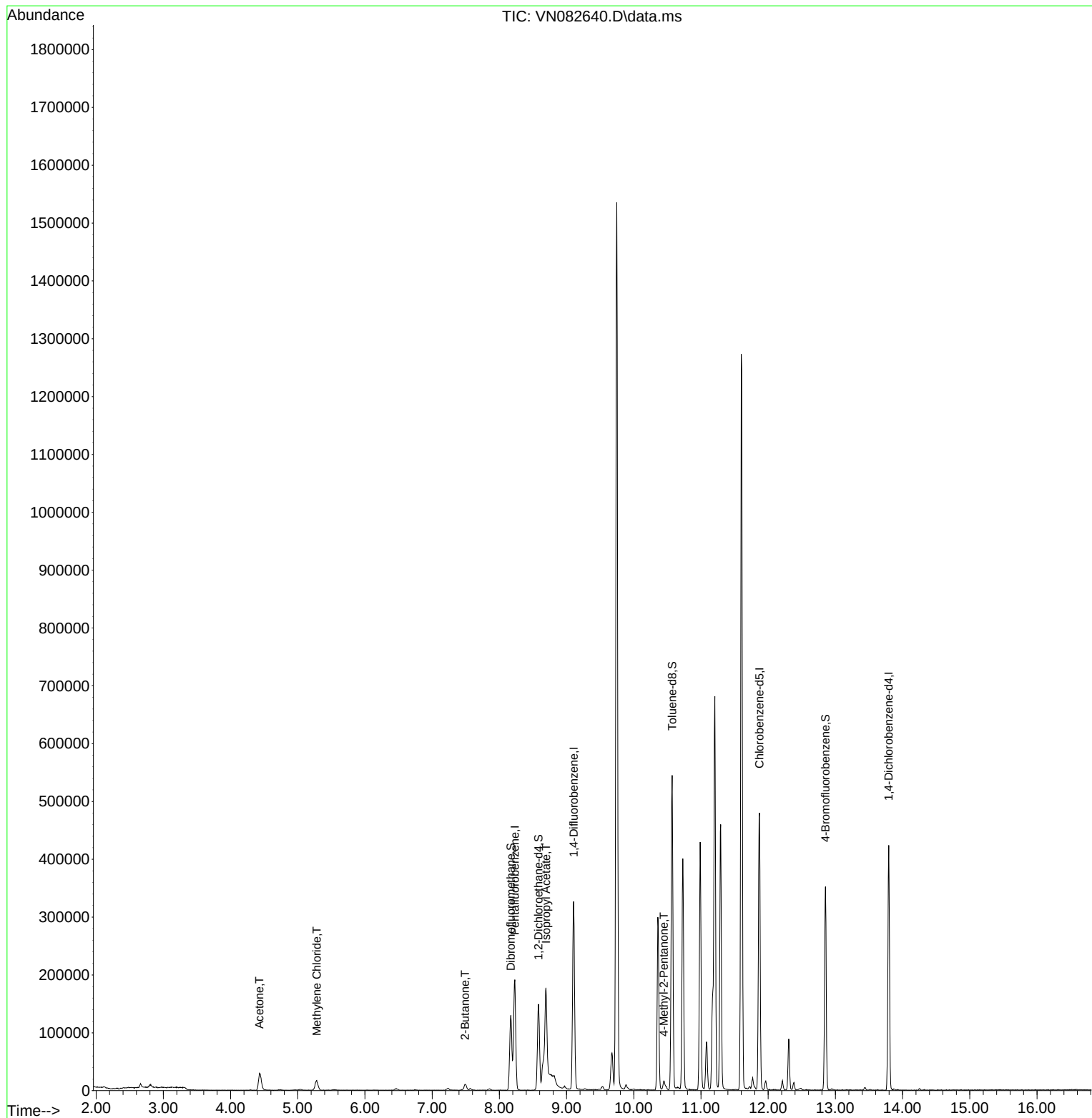
Internal Standards						
1) Pentafluorobenzene	8.230	168	132229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	254151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	267131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121770	57.426	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.860%
35) Dibromofluoromethane	8.171	113	89958	52.176	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.571	98	343484	52.681	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.853	95	110514	49.163	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.320%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	58076	60.222	ug/l	100
20) Methylene Chloride	5.283	84	11435	6.745	ug/l	94
25) 2-Butanone	7.488	43	19131	13.957	ug/l	95
43) Isopropyl Acetate	8.694	43	271952	44.323	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	16287	5.175	ug/l #	79

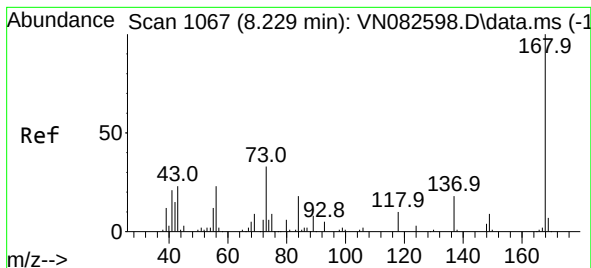
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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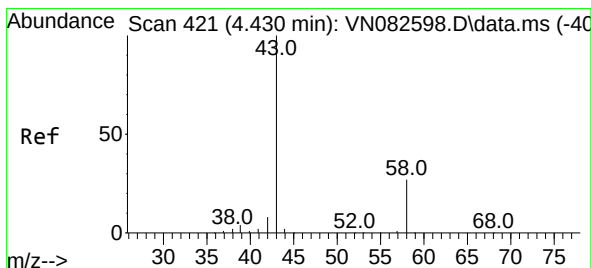
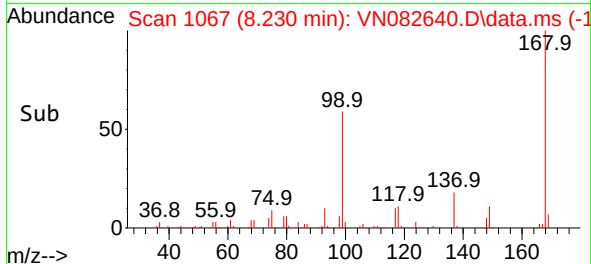
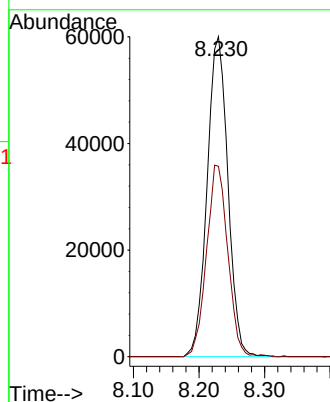
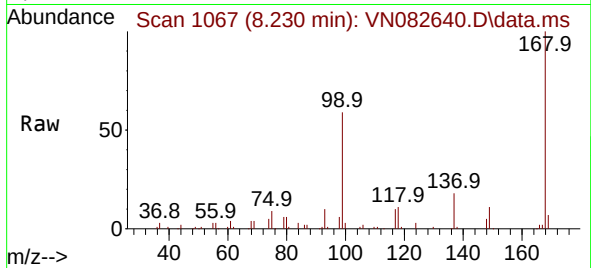




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082640.D
Acq: 19 Jun 2024 14:47

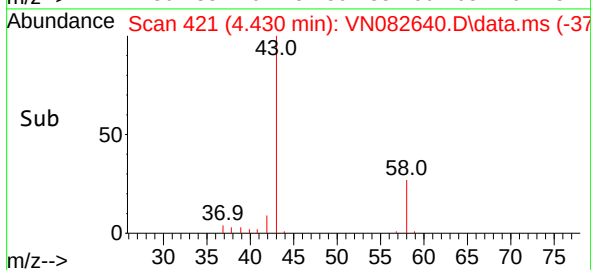
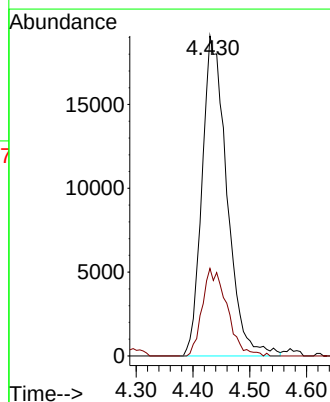
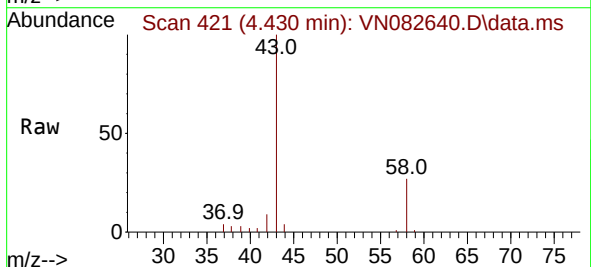
Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#06

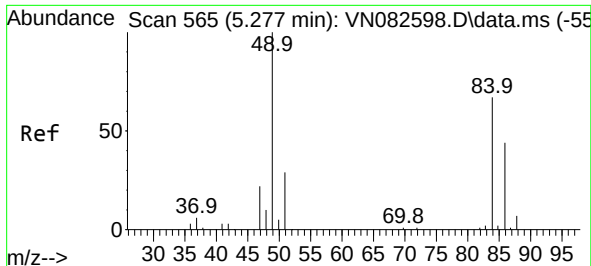
Tgt Ion:168 Resp: 132229
Ion Ratio Lower Upper
168 100
99 59.5 48.2 72.4



#16
Acetone
Concen: 60.222 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082640.D
Acq: 19 Jun 2024 14:47

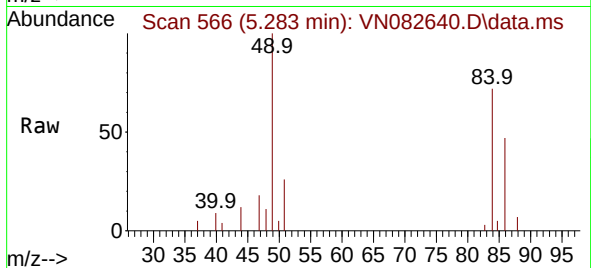
Tgt Ion: 43 Resp: 58076
Ion Ratio Lower Upper
43 100
58 27.4 21.8 32.6



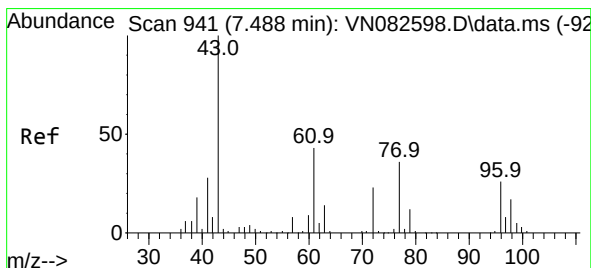
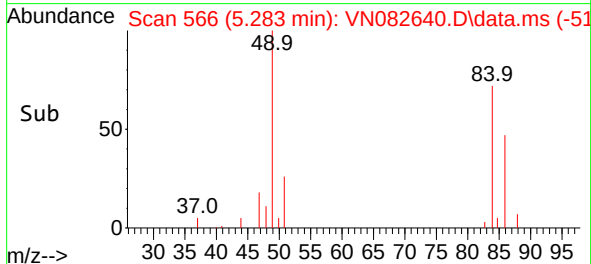
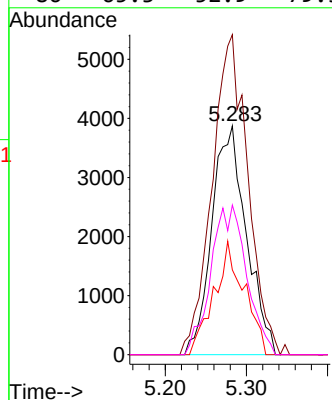


#20
Methylene Chloride
Concen: 6.745 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082640.D
Acq: 19 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#06

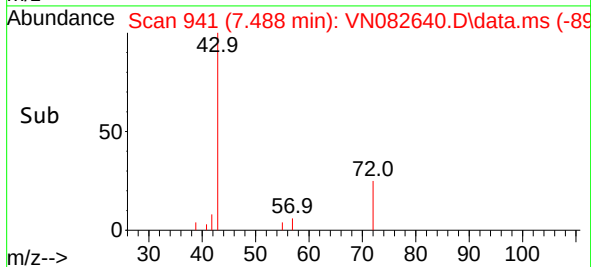
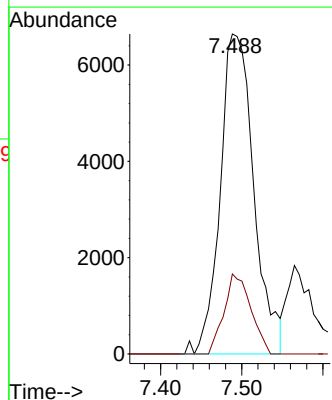
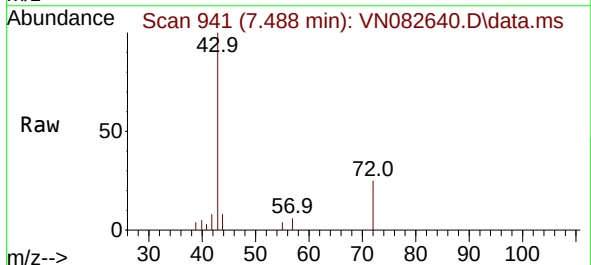


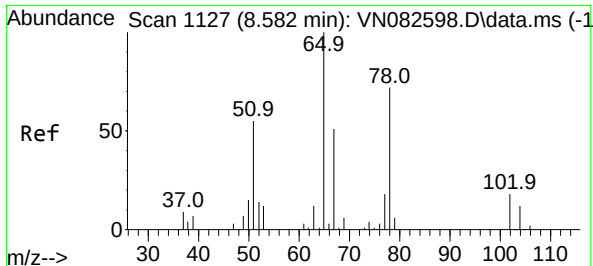
Tgt Ion:	84	Resp:	11435
Ion	Ratio	Lower	Upper
84	100		
49	139.8	119.6	179.4
51	37.0	34.8	52.2
86	65.3	52.9	79.3



#25
2-Butanone
Concen: 13.957 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082640.D
Acq: 19 Jun 2024 14:47

Tgt Ion:	43	Resp:	19131
Ion	Ratio	Lower	Upper
43	100		
72	25.0	18.2	27.2

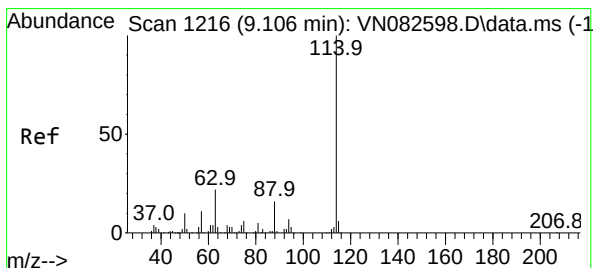
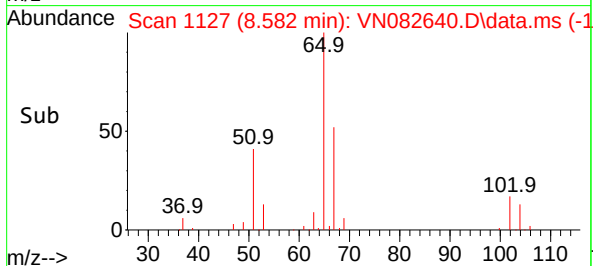
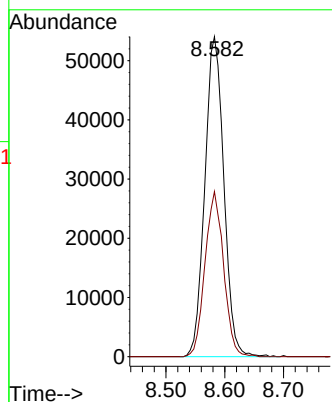
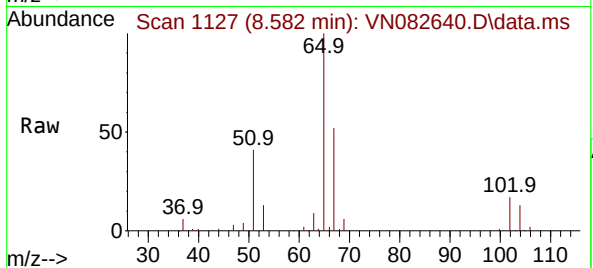




#33
 1,2-Dichloroethane-d4
 Concen: 57.426 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082640.D
 Acq: 19 Jun 2024 14:47

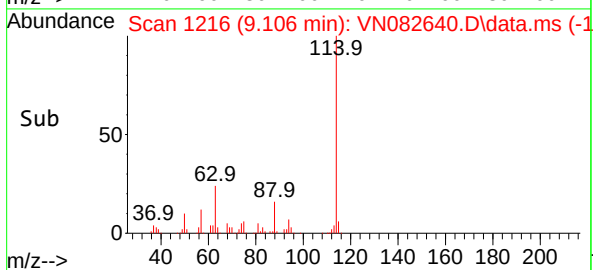
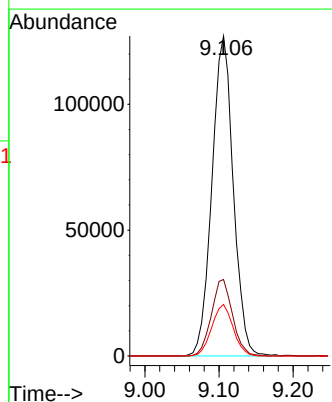
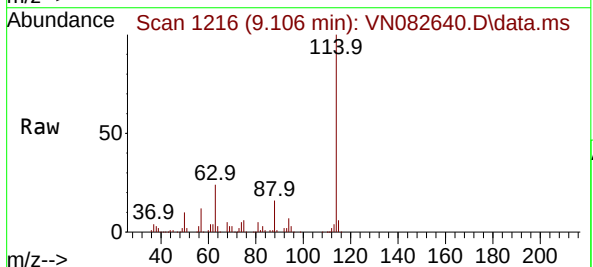
Instrument :
 MSVOA_N
 ClientSampleId :
 PB161542ZHE#06

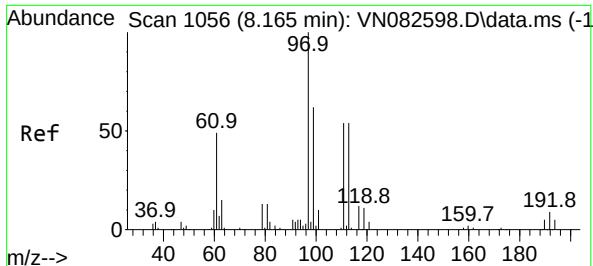
Tgt Ion: 65 Resp: 121770
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082640.D
 Acq: 19 Jun 2024 14:47

Tgt Ion: 114 Resp: 254151
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 44.6
 88 16.1 0.0 31.4

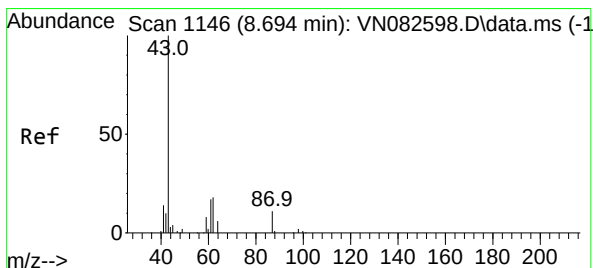
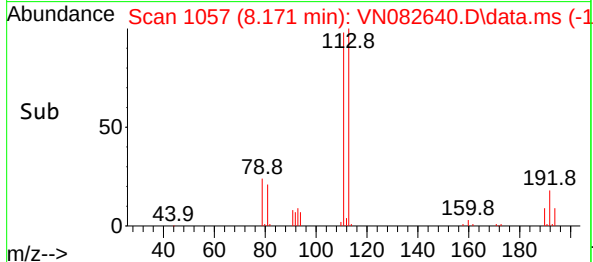
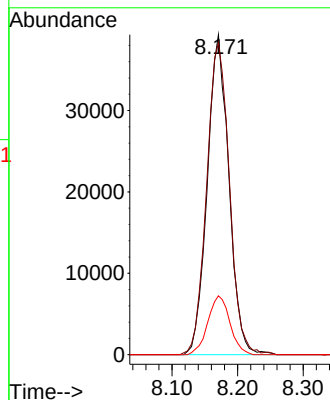
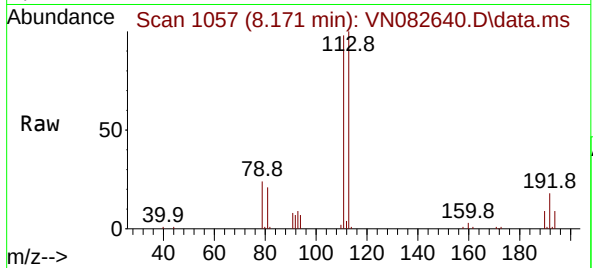




#35
Dibromofluoromethane
Concen: 52.176 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082640.D
Acq: 19 Jun 2024 14:47

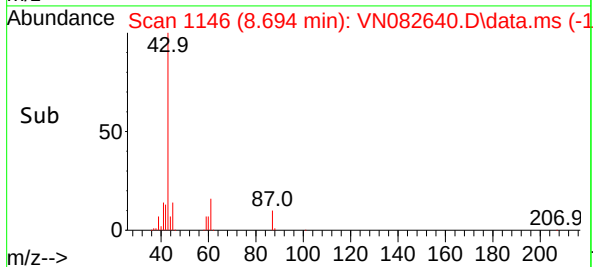
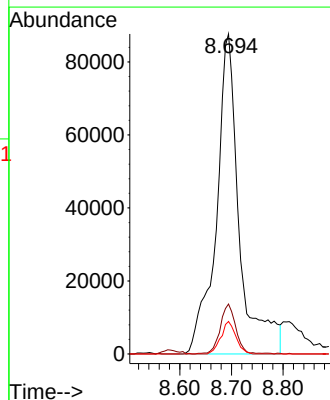
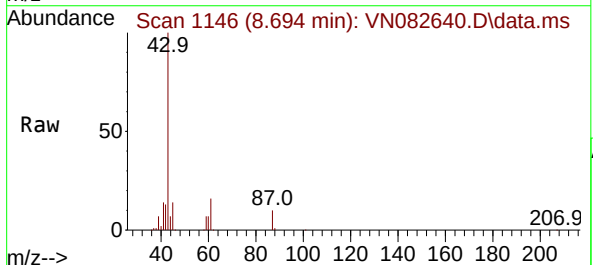
Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#06

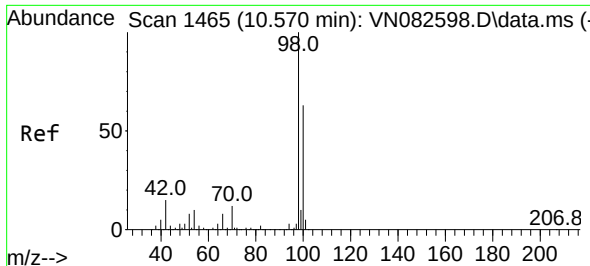
Tgt Ion:113 Resp: 89958
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 18.8 14.9 22.3



#43
Isopropyl Acetate
Concen: 44.323 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082640.D
Acq: 19 Jun 2024 14:47

Tgt Ion: 43 Resp: 271952
Ion Ratio Lower Upper
43 100
61 10.5 17.8 26.6#
87 6.6 8.2 12.2#

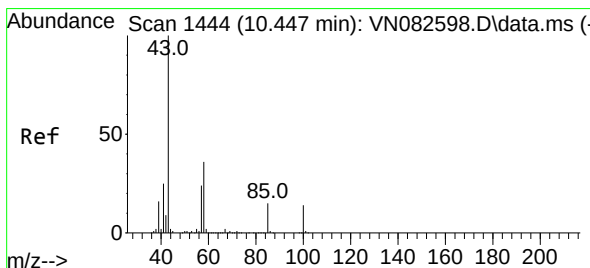
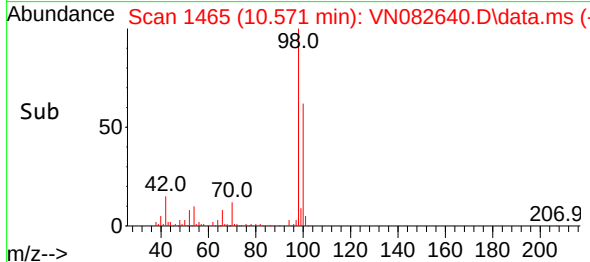
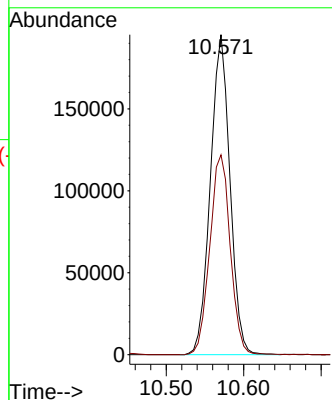
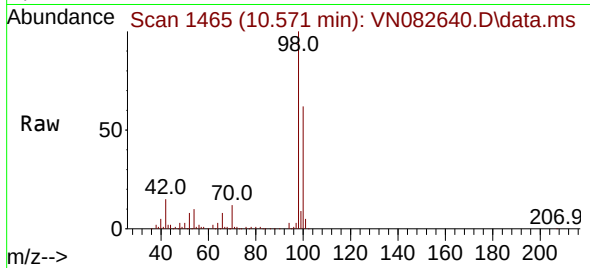




#50
Toluene-d8
Concen: 52.681 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082640.D
Acq: 19 Jun 2024 14:47

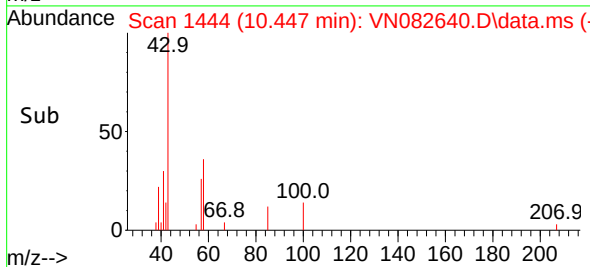
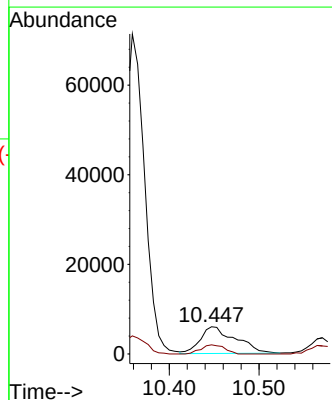
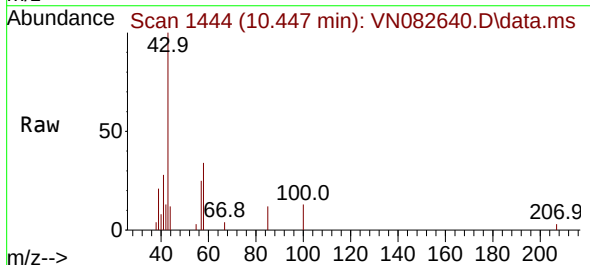
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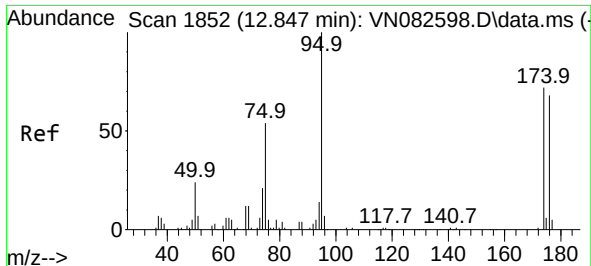
Tgt Ion: 98 Resp: 343484
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 5.175 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082640.D
Acq: 19 Jun 2024 14:47

Tgt Ion: 43 Resp: 16287
Ion Ratio Lower Upper
43 100
58 22.9 28.2 42.4#

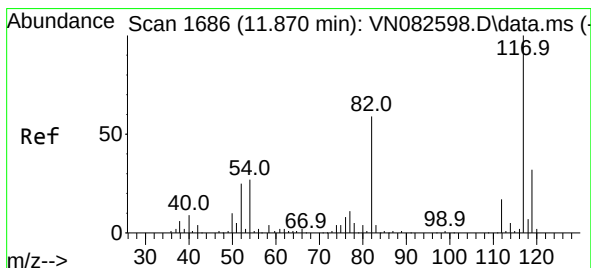
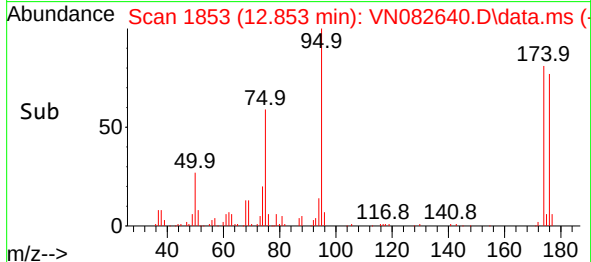
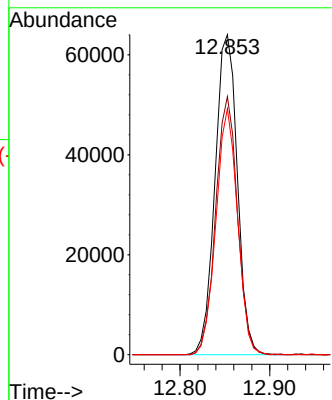
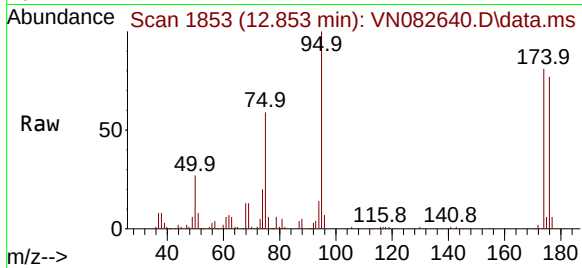




#62
4-Bromofluorobenzene
Concen: 49.163 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082640.D
Acq: 19 Jun 2024 14:47

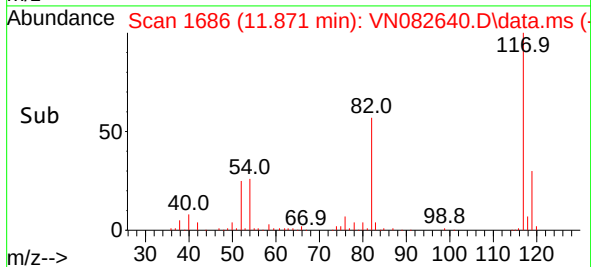
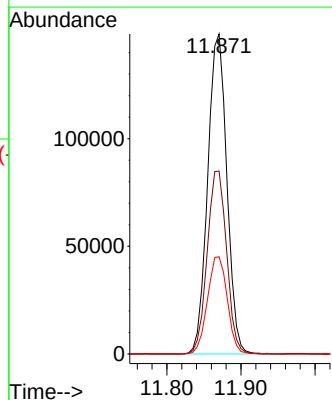
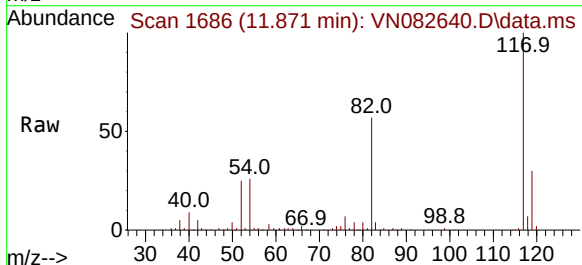
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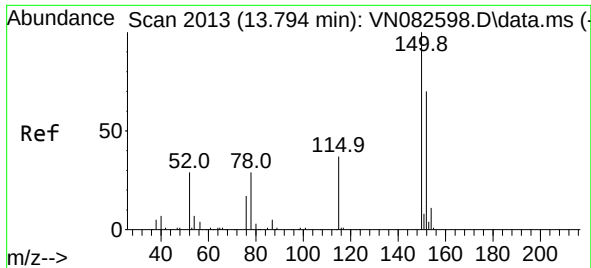
Tgt Ion: 95 Resp: 110514
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.2
176 74.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082640.D
Acq: 19 Jun 2024 14:47

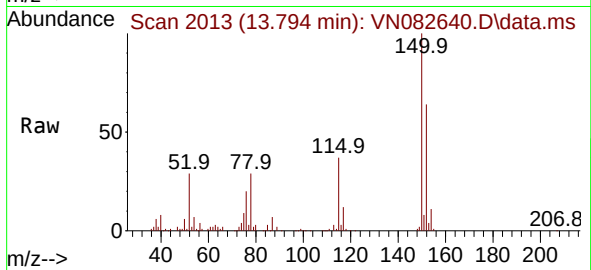
Tgt Ion: 117 Resp: 267131
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 30.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082640.D
 Acq: 19 Jun 2024 14:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161542ZHE#06



Tgt Ion:152 Resp: 105391
 Ion Ratio Lower Upper
 152 100
 115 59.2 30.6 91.6
 150 156.7 0.0 348.6

