

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082635.D
 Acq On : 19 Jun 2024 12:44
 Operator : JC\MD
 Sample : PB161542ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161542ZHE#01

Quant Time: Jun 20 02:59:10 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)

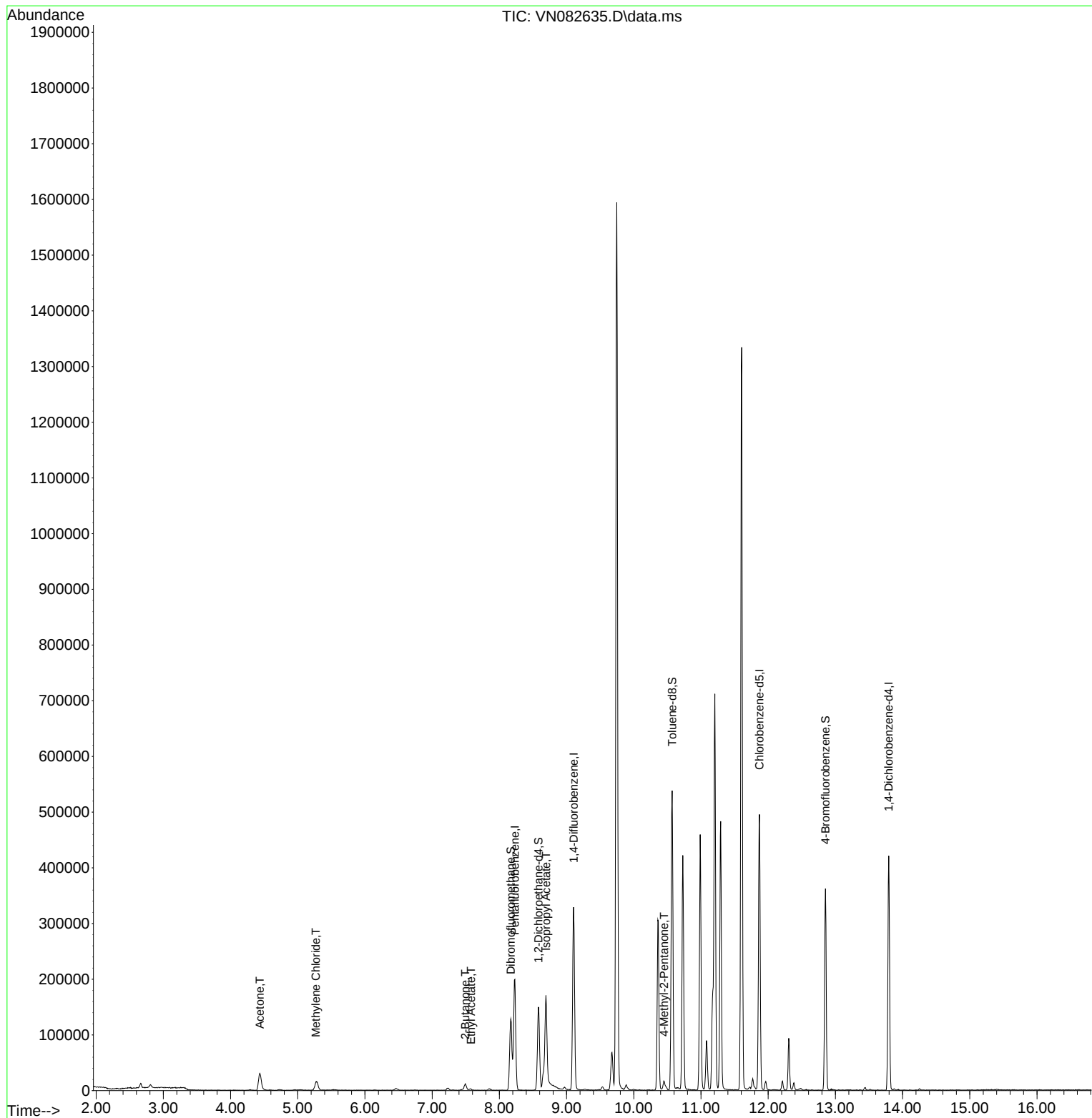
Internal Standards						
1) Pentafluorobenzene	8.229	168	138256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	258732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	266590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	123722	55.803	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.600%	
35) Dibromofluoromethane	8.171	113	91657	52.220	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.440%	
50) Toluene-d8	10.570	98	349242	52.616	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	105.240%	
62) 4-Bromofluorobenzene	12.853	95	113649	49.663	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	99.320%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	60409	59.910	ug/l	98
20) Methylene Chloride	5.271	84	11465	6.467	ug/l	98
25) 2-Butanone	7.494	43	18088	12.621	ug/l	99
37) Ethyl Acetate	7.577	43	4870	1.457	ug/l #	88
43) Isopropyl Acetate	8.694	43	224540	35.948	ug/l #	85
51) 4-Methyl-2-Pentanone	10.453	43	16829	5.253	ug/l #	78

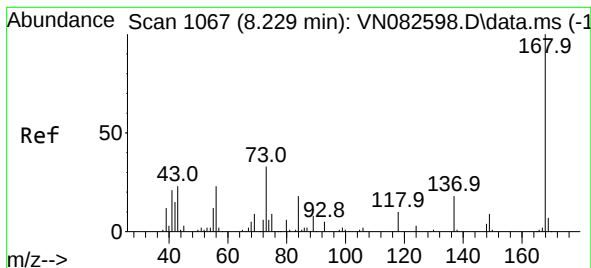
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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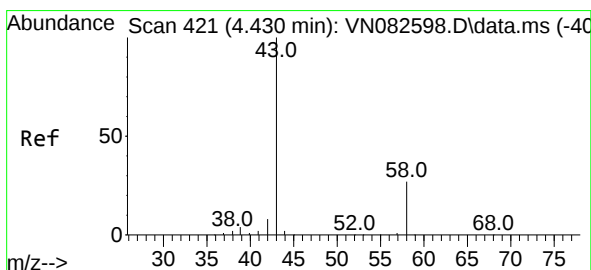
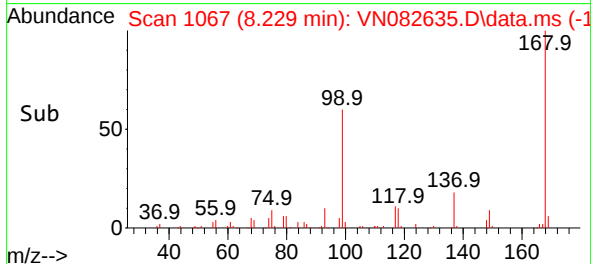
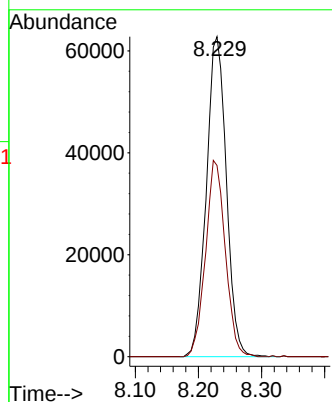
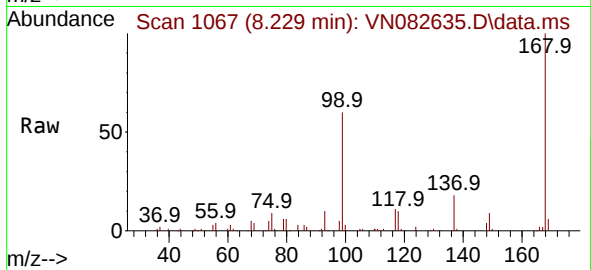




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082635.D
Acq: 19 Jun 2024 12:44

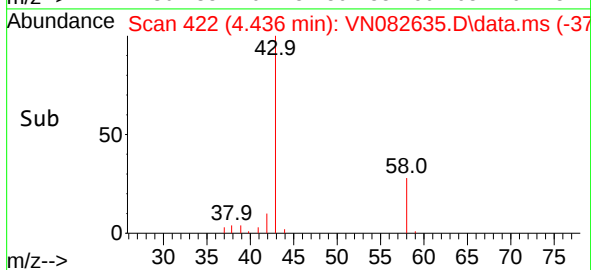
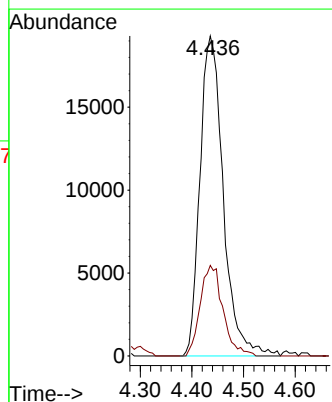
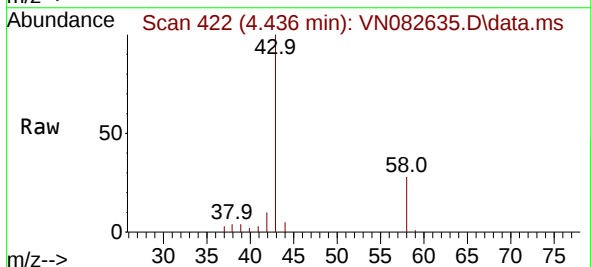
Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#01

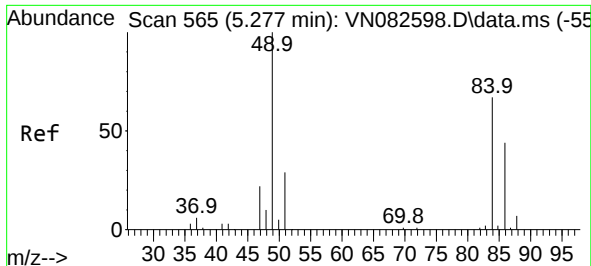
Tgt Ion:168 Resp: 138256
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#16
Acetone
Concen: 59.910 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082635.D
Acq: 19 Jun 2024 12:44

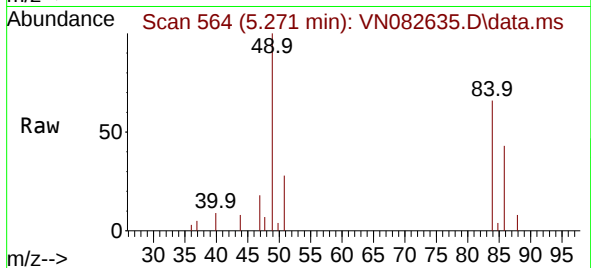
Tgt Ion: 43 Resp: 60409
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.6



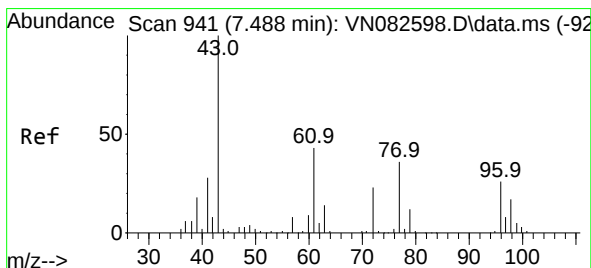
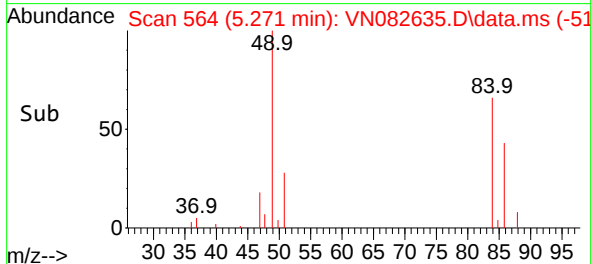
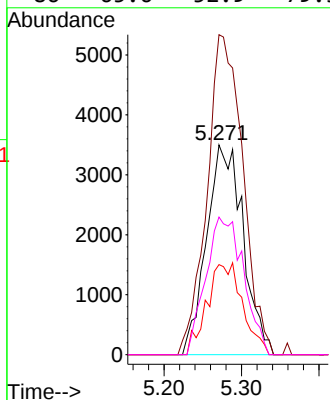


#20
Methylene Chloride
Concen: 6.467 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082635.D
Acq: 19 Jun 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#01

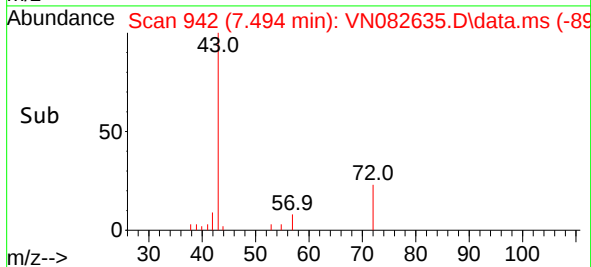
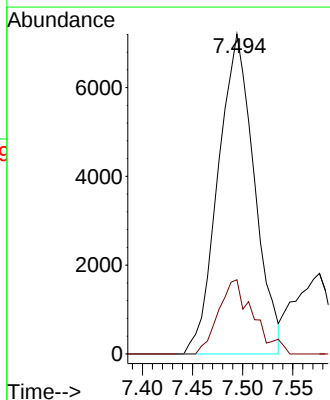
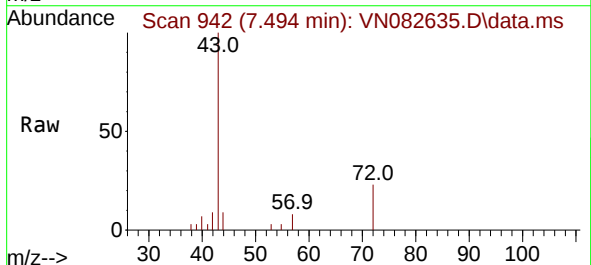


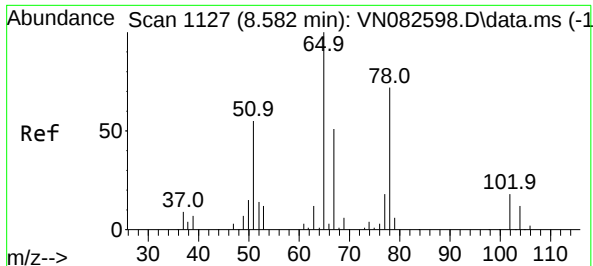
Tgt Ion:	84	Resp:	11465
Ion	Ratio	Lower	Upper
84	100		
49	152.5	119.6	179.4
51	42.9	34.8	52.2
86	65.6	52.9	79.3



#25
2-Butanone
Concen: 12.621 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082635.D
Acq: 19 Jun 2024 12:44

Tgt Ion:	43	Resp:	18088
Ion	Ratio	Lower	Upper
43	100		
72	23.2	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 55.803 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN082635.D

Acq: 19 Jun 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

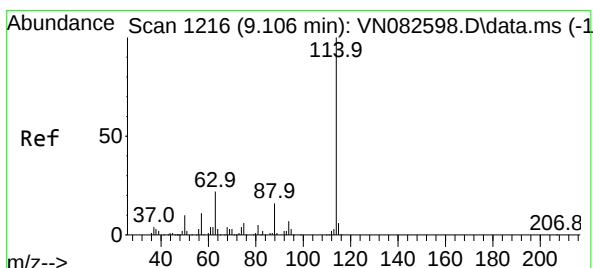
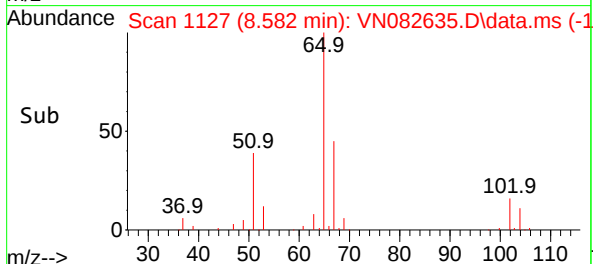
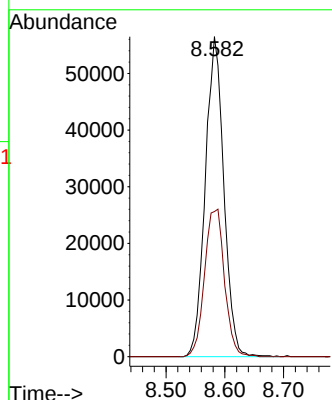
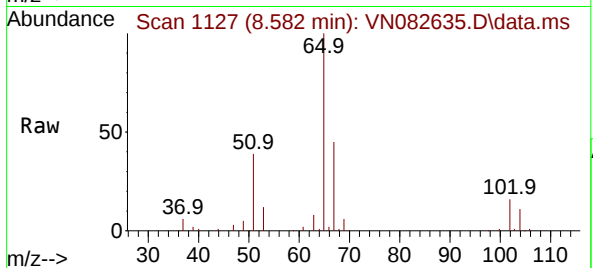
PB161542ZHE#01

Tgt Ion: 65 Resp: 123722

Ion Ratio Lower Upper

65 100

67 49.7 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: VN082635.D

Acq: 19 Jun 2024 12:44

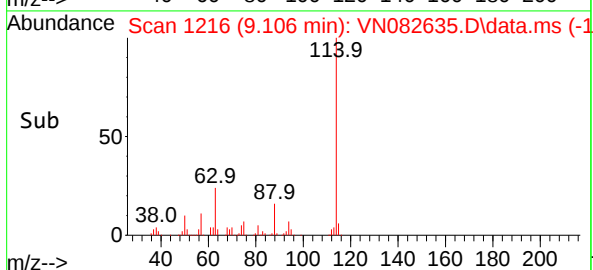
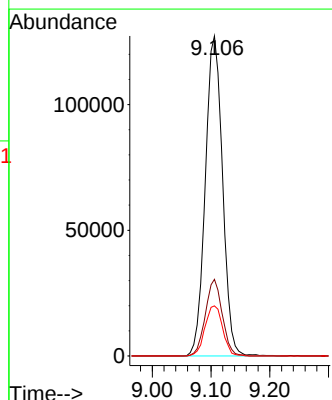
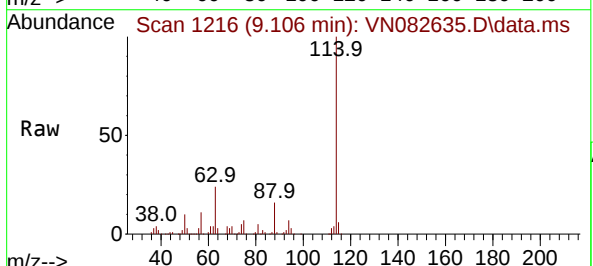
Tgt Ion: 114 Resp: 258732

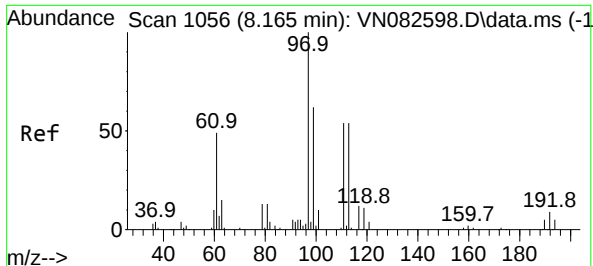
Ion Ratio Lower Upper

114 100

63 24.0 0.0 44.6

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.220 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082635.D

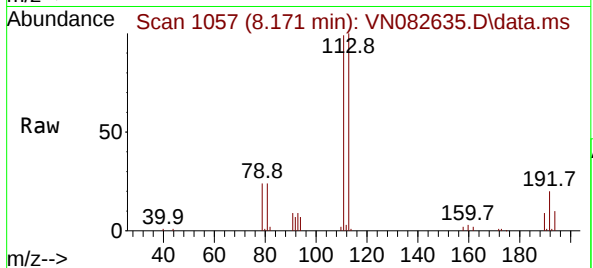
Acq: 19 Jun 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

PB161542ZHE#01



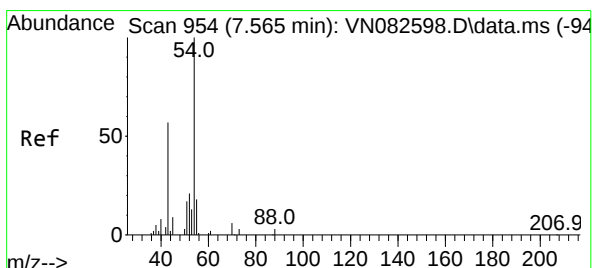
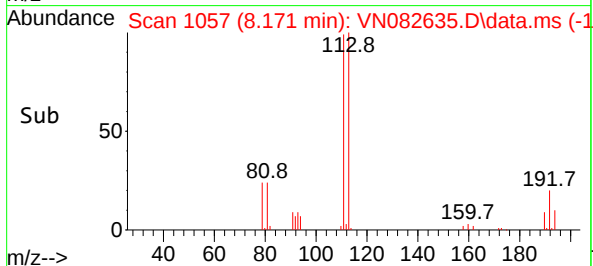
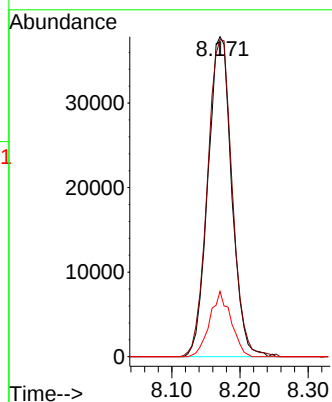
Tgt Ion:113 Resp: 91657

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 18.2 14.9 22.3



#37

Ethyl Acetate

Concen: 1.457 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.012 min

Lab File: VN082635.D

Acq: 19 Jun 2024 12:44

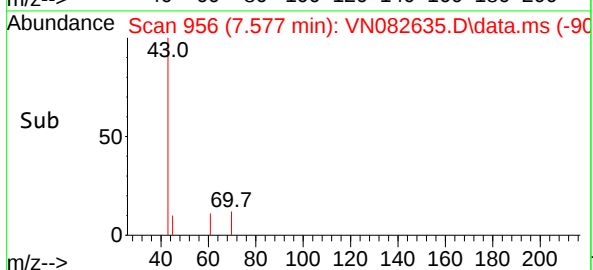
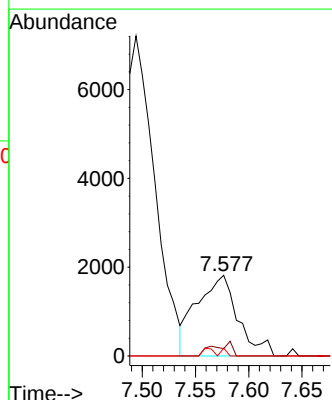
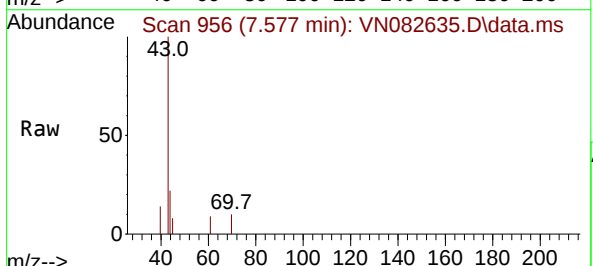
Tgt Ion: 43 Resp: 4870

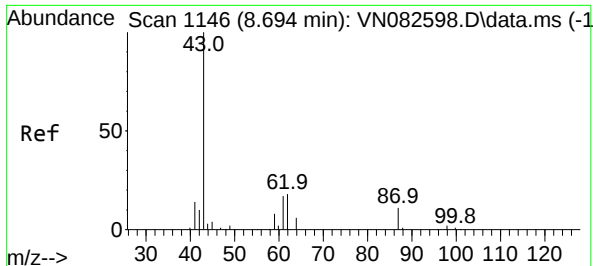
Ion Ratio Lower Upper

43 100

61 7.9 9.3 13.9#

70 3.7 7.0 10.6#

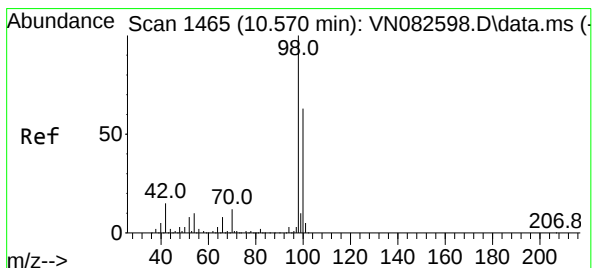
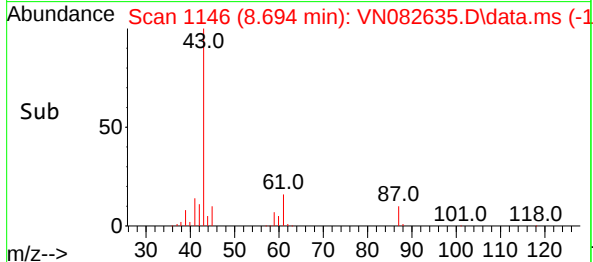
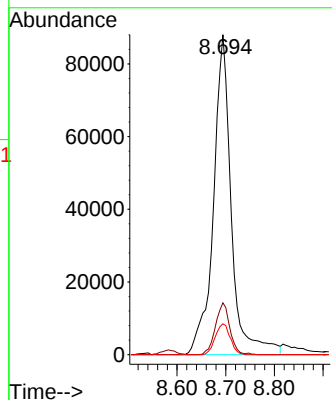
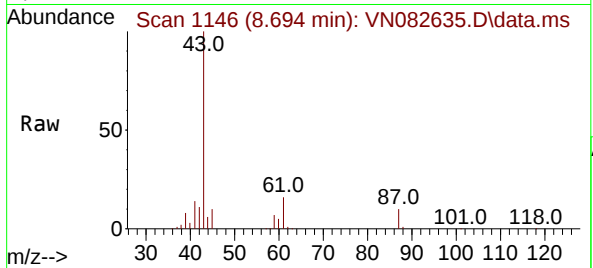




#43
Isopropyl Acetate
Concen: 35.948 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082635.D
Acq: 19 Jun 2024 12:44

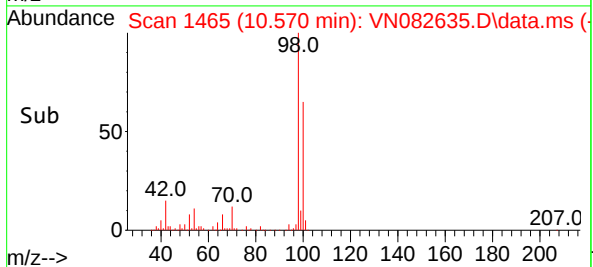
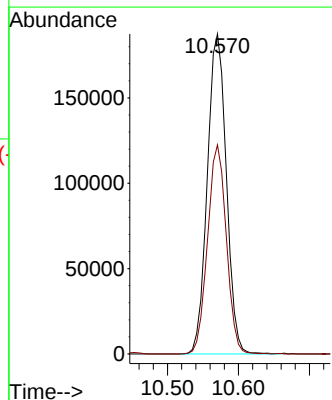
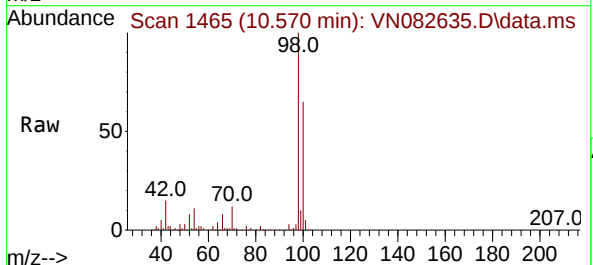
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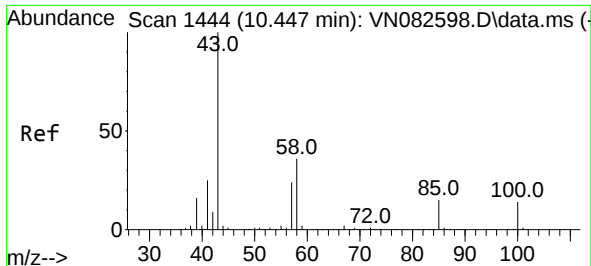
Tgt Ion: 43 Resp: 224540
Ion Ratio Lower Upper
43 100
61 13.0 17.8 26.6#
87 8.0 8.2 12.2#



#50
Toluene-d8
Concen: 52.616 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082635.D
Acq: 19 Jun 2024 12:44

Tgt Ion: 98 Resp: 349242
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

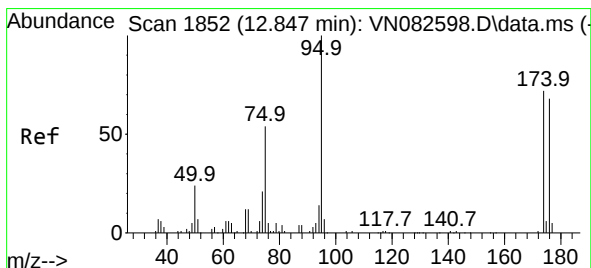
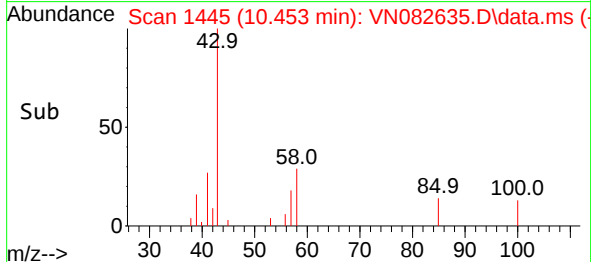
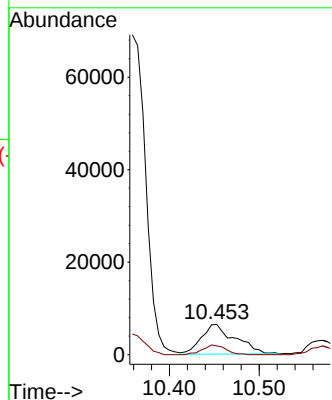
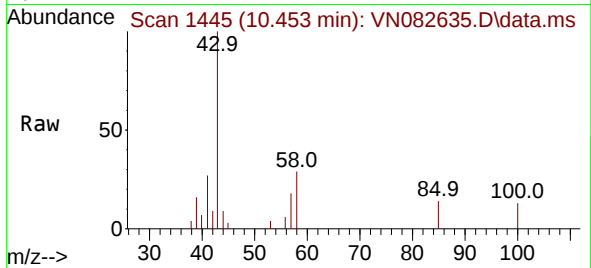




#51
4-Methyl-2-Pentanone
Concen: 5.253 ug/l
RT: 10.453 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN082635.D
Acq: 19 Jun 2024 12:44

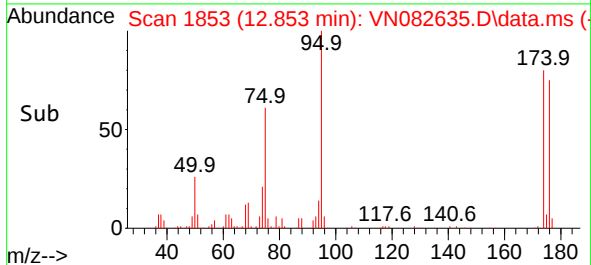
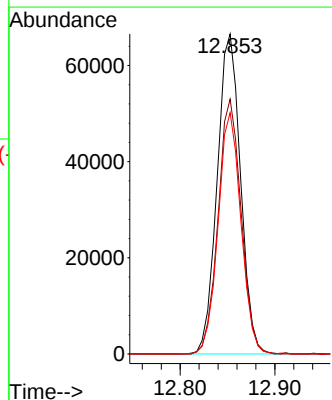
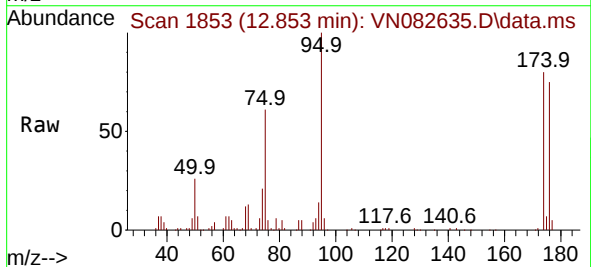
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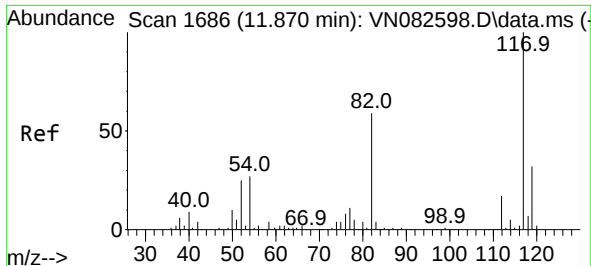
Tgt Ion: 43 Resp: 16829
Ion Ratio Lower Upper
43 100
58 22.4 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 49.663 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082635.D
Acq: 19 Jun 2024 12:44

Tgt Ion: 95 Resp: 113649
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.2
176 74.0 0.0 147.6

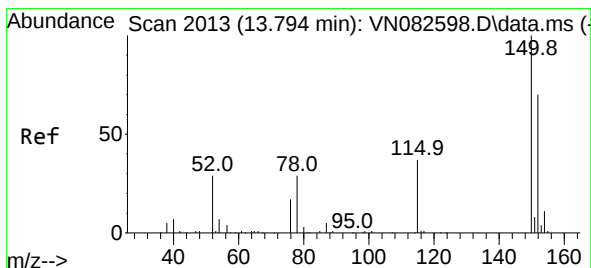
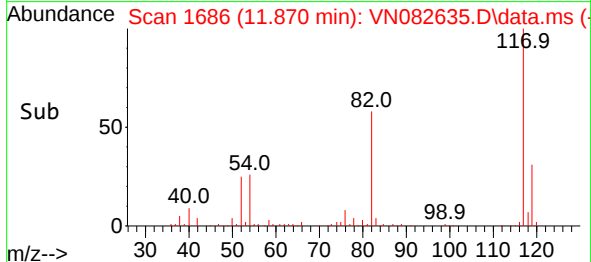
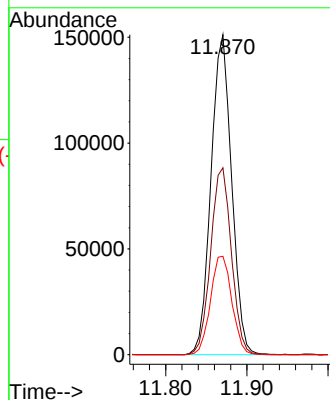
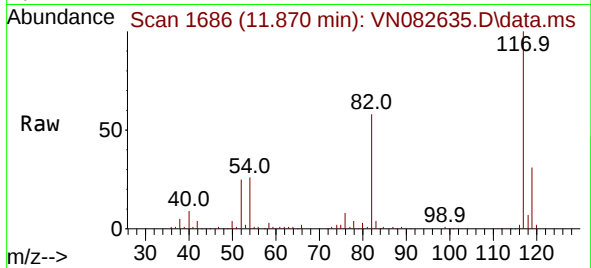




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082635.D
Acq: 19 Jun 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#01

Tgt Ion:117 Resp: 266590
Ion Ratio Lower Upper
117 100
82 58.4 47.5 71.3
119 30.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082635.D
Acq: 19 Jun 2024 12:44

Tgt Ion:152 Resp: 108848
Ion Ratio Lower Upper
152 100
115 58.4 30.6 91.6
150 154.6 0.0 348.6

