Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
Data File : VN082769.D
Acq On : 01 Jul 2024 16:40
Operator : JC\MD
Sample : PB161815ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#01

Quant Time: Jul 02 00:09:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	107177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	210979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	81286	49.180	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.360%			
35) Dibromofluoromethane	8.171	113	69609	50.112	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.220%			
50) Toluene-d8	10.571	98	275519	53.037	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.080%			
62) 4-Bromofluorobenzene	12.853	95	101128	56.686	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 113.380%			
Target Compounds						Qvalue
16) Acetone	4.436	43	19534	31.194	ug/l	92
20) Methylene Chloride	5.277	84	10102	6.375	ug/l	87
43) Isopropyl Acetate	8.694	43	142105	37.897	ug/l #	88

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

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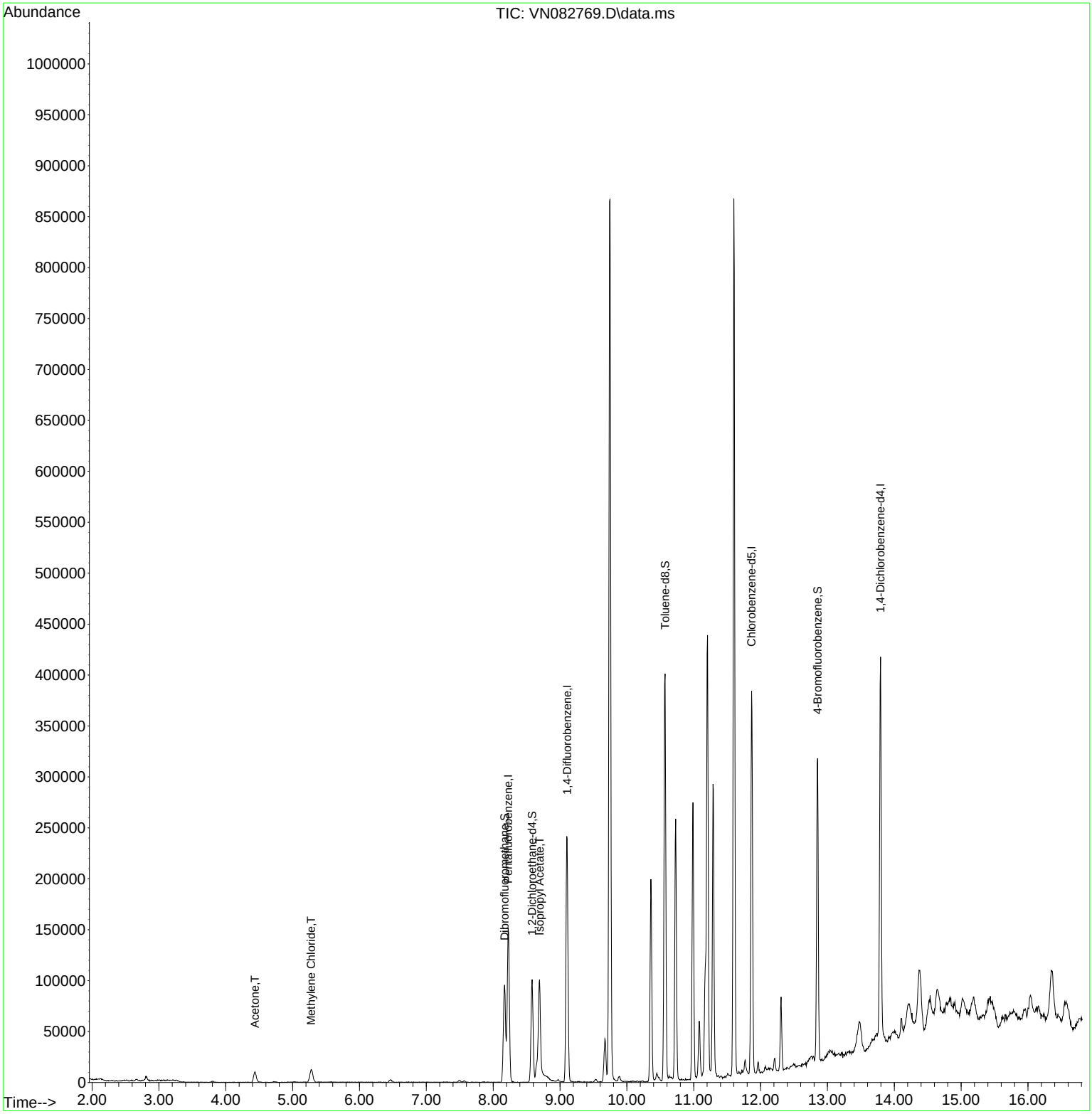
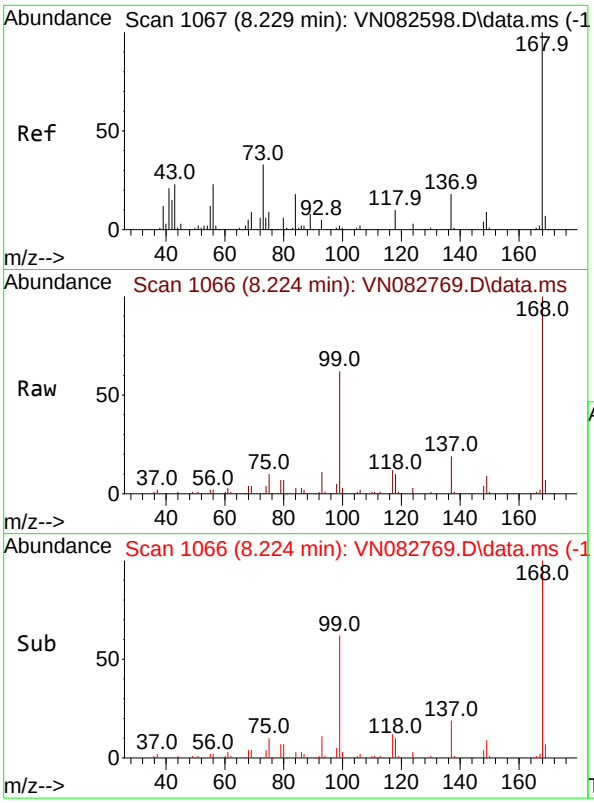


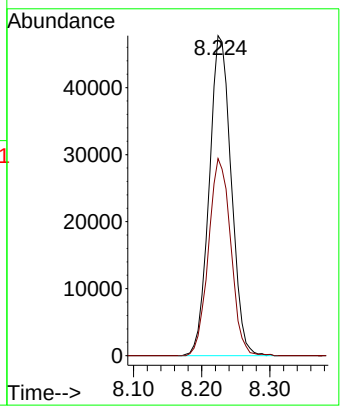


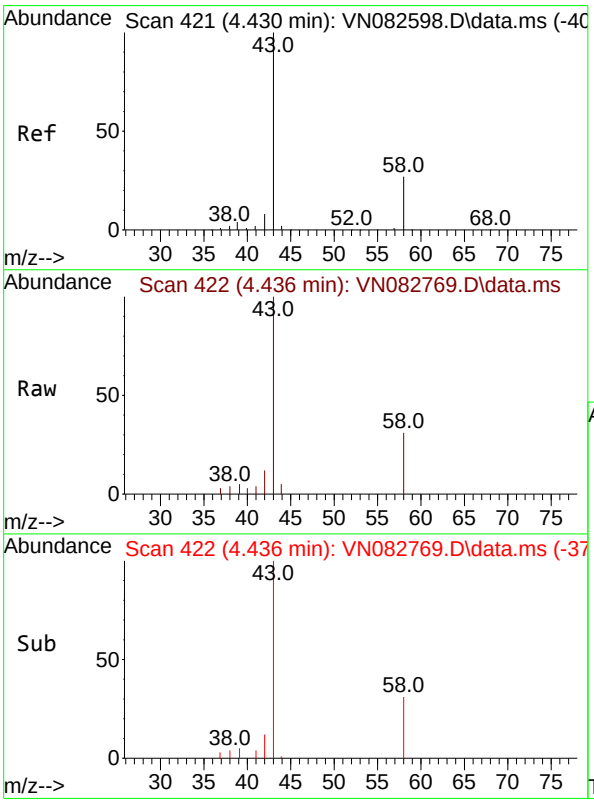
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082769.D
Acq: 01 Jul 2024 16:40

Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#01

Tgt Ion:168 Resp: 107177

Ion	Ratio	Lower	Upper
168	100		
99	61.6	48.2	72.4

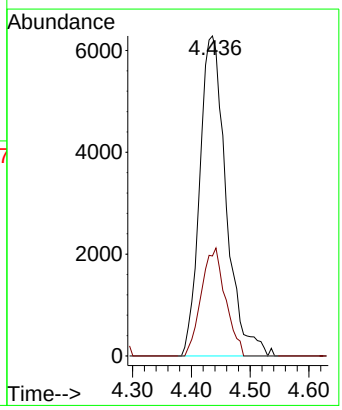


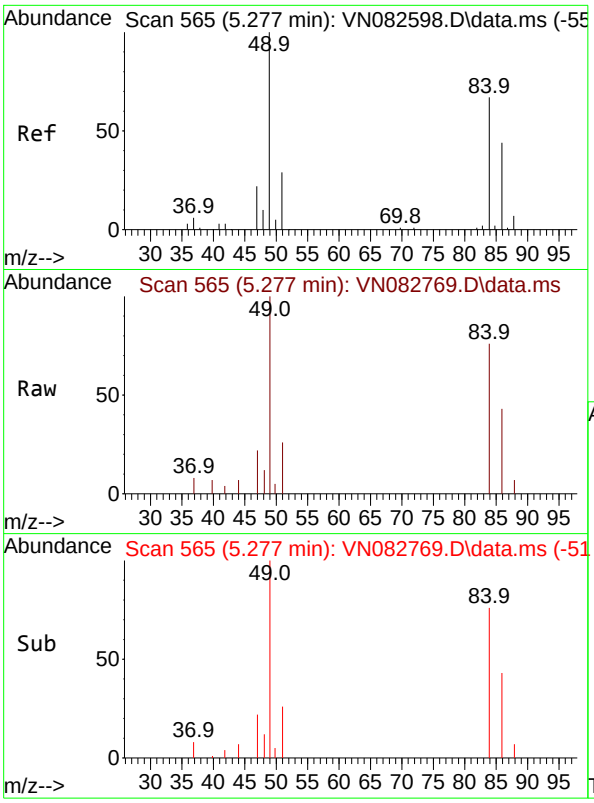


#16
Acetone
Concen: 31.194 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082769.D
Acq: 01 Jul 2024 16:40

Tgt Ion: 43 Resp: 19534

Ion	Ratio	Lower	Upper
43	100		
58	31.3	21.8	32.6



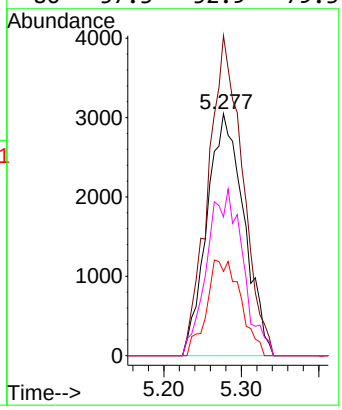


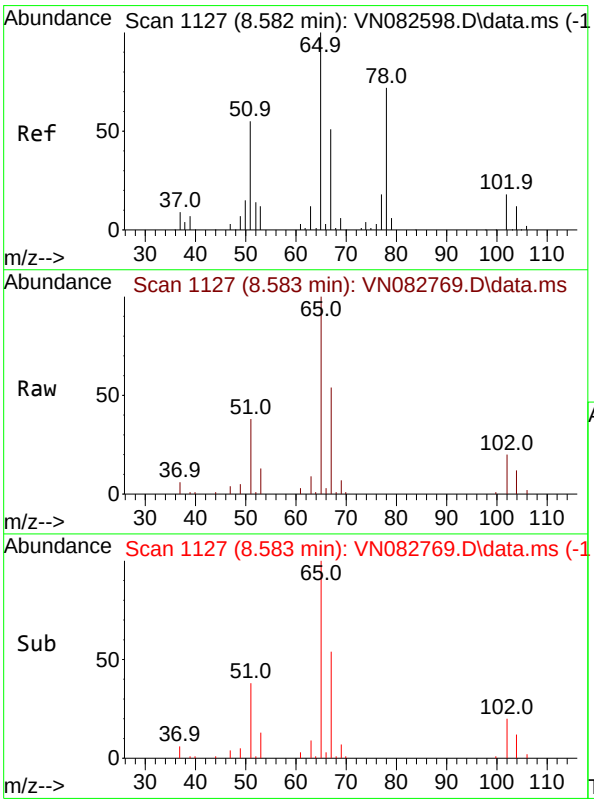
#20
Methylene Chloride
Concen: 6.375 ug/l
RT: 5.277 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN082769.D
Acq: 01 Jul 2024 16:40

Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#01

Tgt Ion: 84 Resp: 10102

Ion	Ratio	Lower	Upper
84	100		
49	132.3	119.6	179.4
51	34.8	34.8	52.2
86	57.3	52.9	79.3

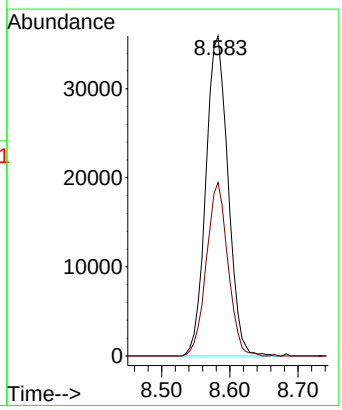


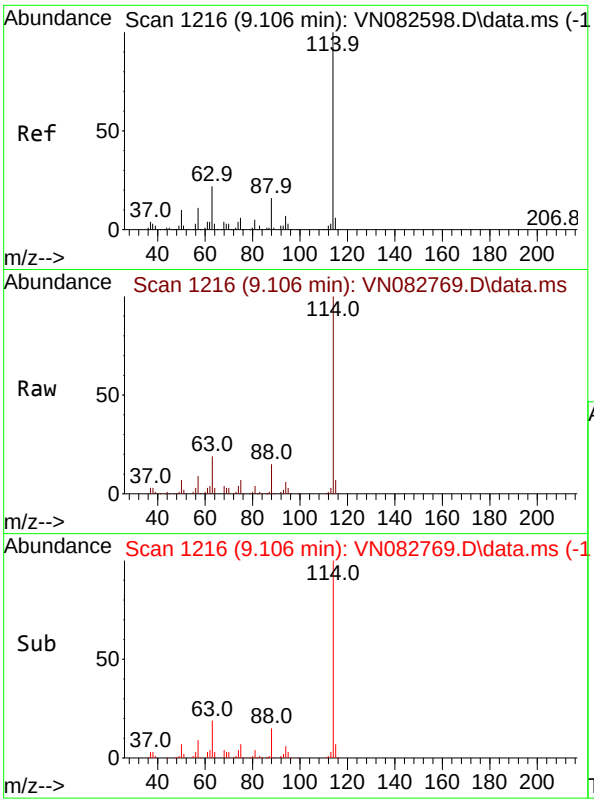


#33
1,2-Dichloroethane-d4
Concen: 49.180 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082769.D
Acq: 01 Jul 2024 16:40

Tgt Ion: 65 Resp: 81286

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.4



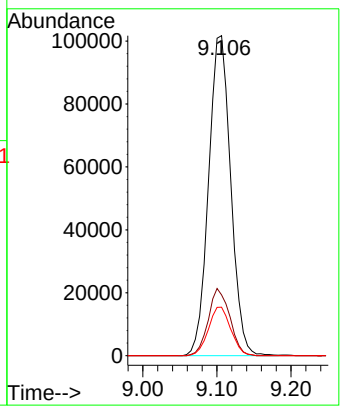


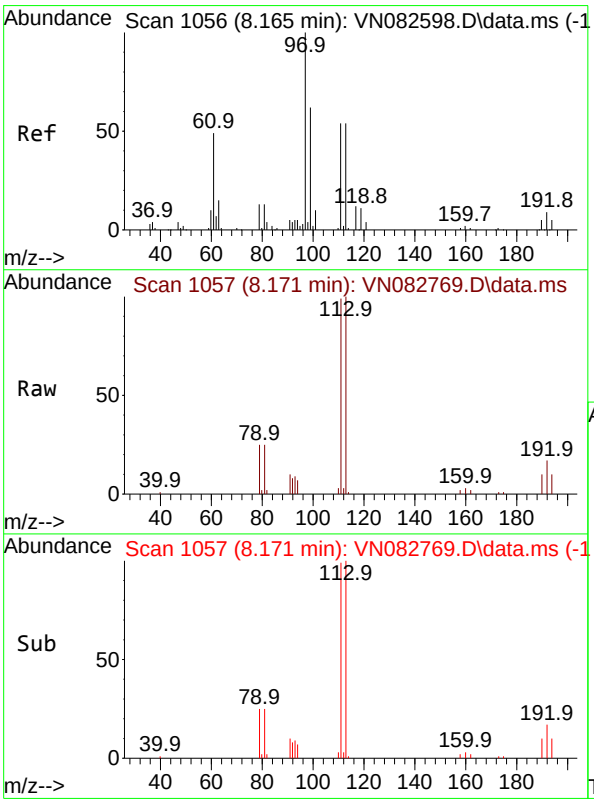
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082769.D
Acq: 01 Jul 2024 16:40

Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#01

Tgt Ion:114 Resp: 210979

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	44.6
88	15.2	0.0	31.4

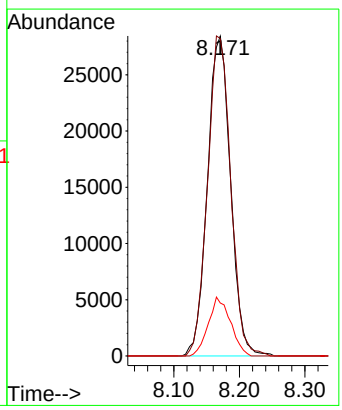


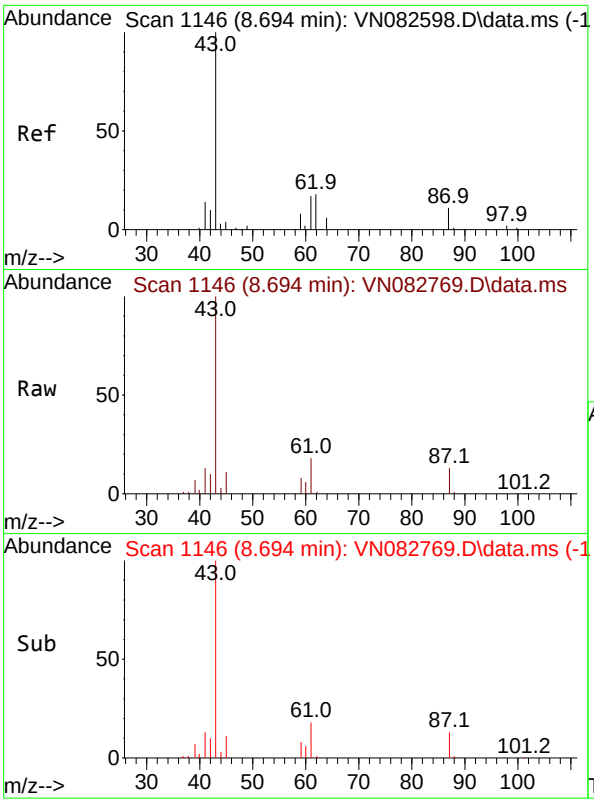


#35
Dibromofluoromethane
Concen: 50.112 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082769.D
Acq: 01 Jul 2024 16:40

Tgt Ion:113 Resp: 69609

Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.4	123.6
192	17.6	14.9	22.3



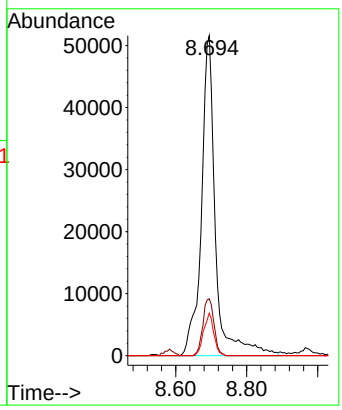


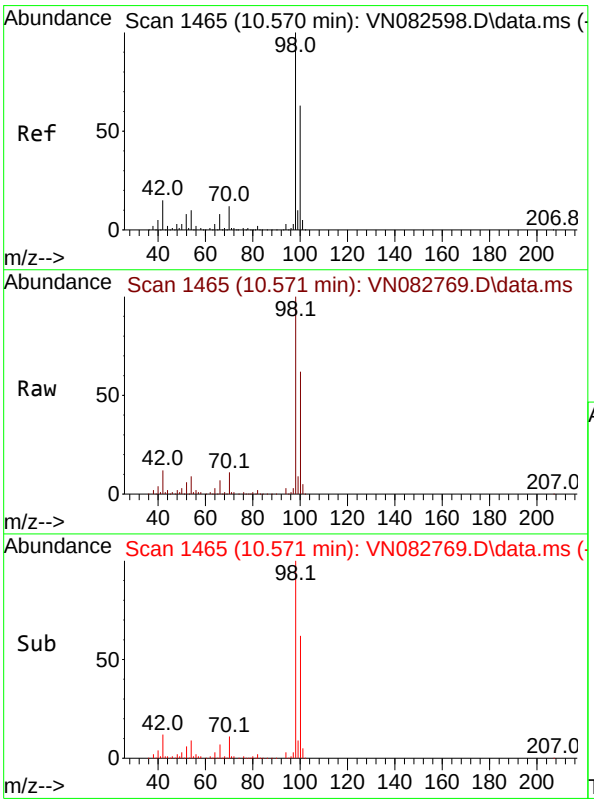
#43
Isopropyl Acetate
Concen: 37.897 ug/l
RT: 8.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082769.D
Acq: 01 Jul 2024 16:40

Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#01

Tgt Ion: 43 Resp: 142105

Ion	Ratio	Lower	Upper
43	100		
61	14.1	17.8	26.6#
87	9.6	8.2	12.2

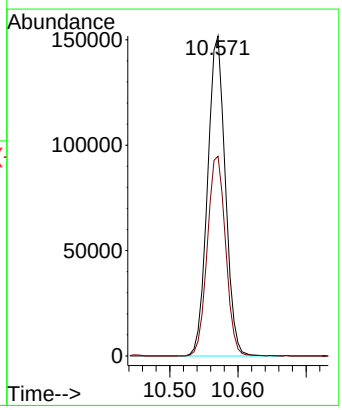


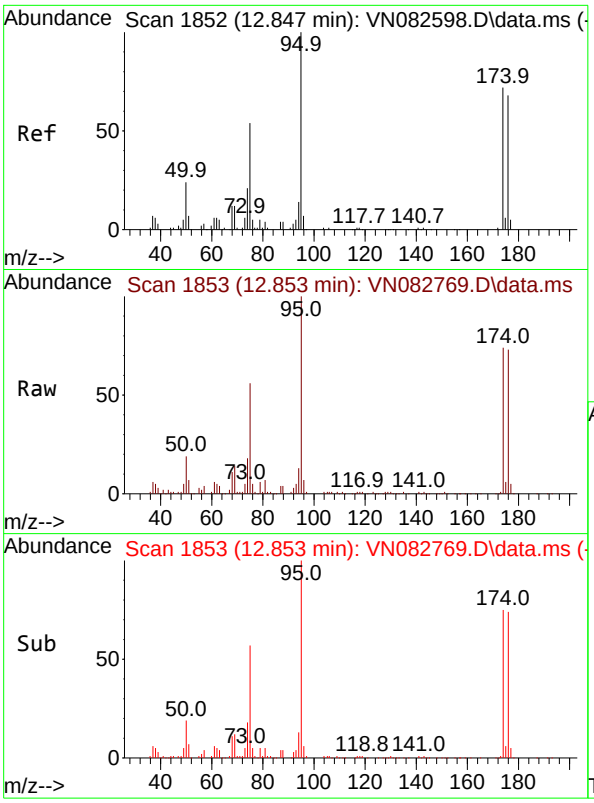


#50
Toluene-d8
Concen: 53.037 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082769.D
Acq: 01 Jul 2024 16:40

Tgt Ion: 98 Resp: 275519

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3



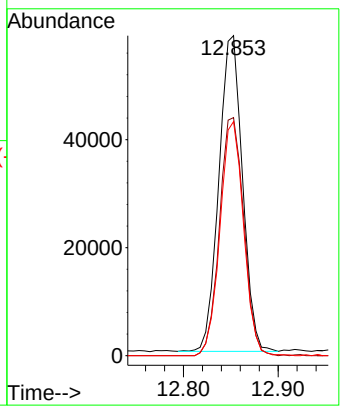


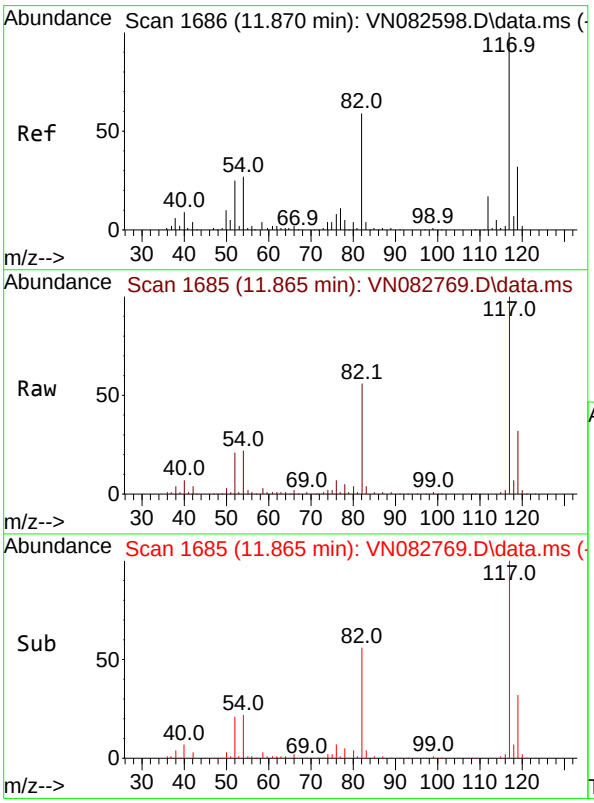
#62
4-Bromofluorobenzene
Concen: 56.686 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082769.D
Acq: 01 Jul 2024 16:40

Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#01

Tgt Ion: 95 Resp: 101128

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	159.2
176	74.2	0.0	147.6

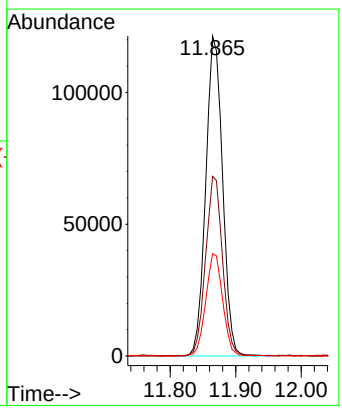


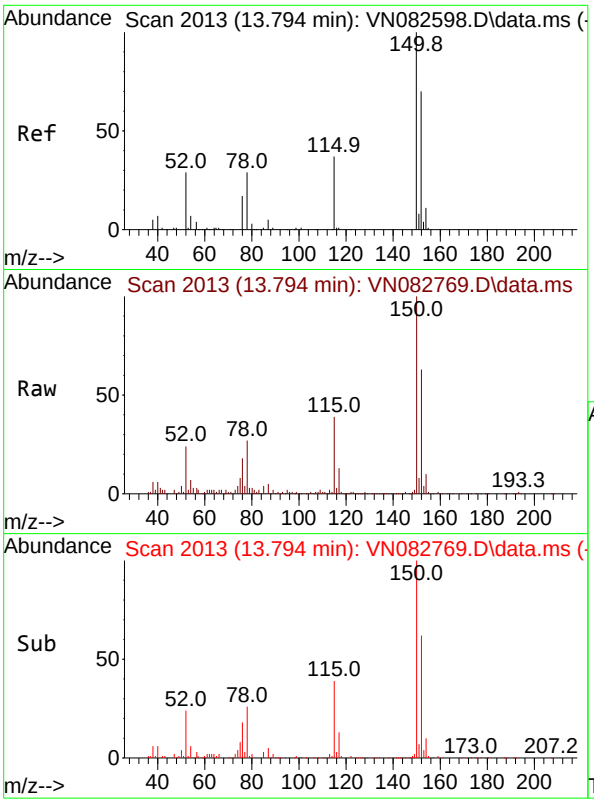


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082769.D
Acq: 01 Jul 2024 16:40

Tgt Ion:117 Resp: 216717

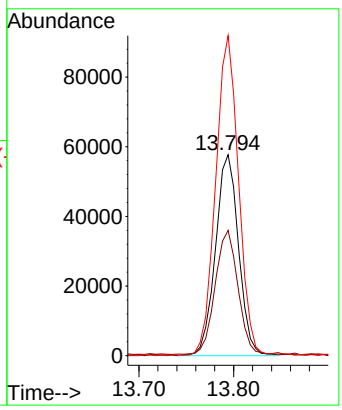
Ion	Ratio	Lower	Upper
117	100		
82	56.0	47.5	71.3
119	32.0	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN082769.D
Acq: 01 Jul 2024 16:40

Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#01

Tgt Ion:152 Resp: 97706

Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.6	91.6
150	158.6	0.0	348.6