Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
Data File : VN086405.D
Acq On : 28 Apr 2025 12:44
Operator : JC\MD
Sample : PB167744ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#02

Quant Time: Apr 29 01:51:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	180833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	127174	48.498	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.000%			
35) Dibromofluoromethane	8.165	113	84440	53.220	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.440%			
50) Toluene-d8	10.565	98	435655	51.377	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.847	95	156440	50.581	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.160%			
Target Compounds						Qvalue
16) Acetone	4.424	43	65178	67.731	ug/l	96
20) Methylene Chloride	5.265	84	3929	1.621	ug/l #	85
43) Isopropyl Acetate	8.682	43	24070	2.200	ug/l #	93

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

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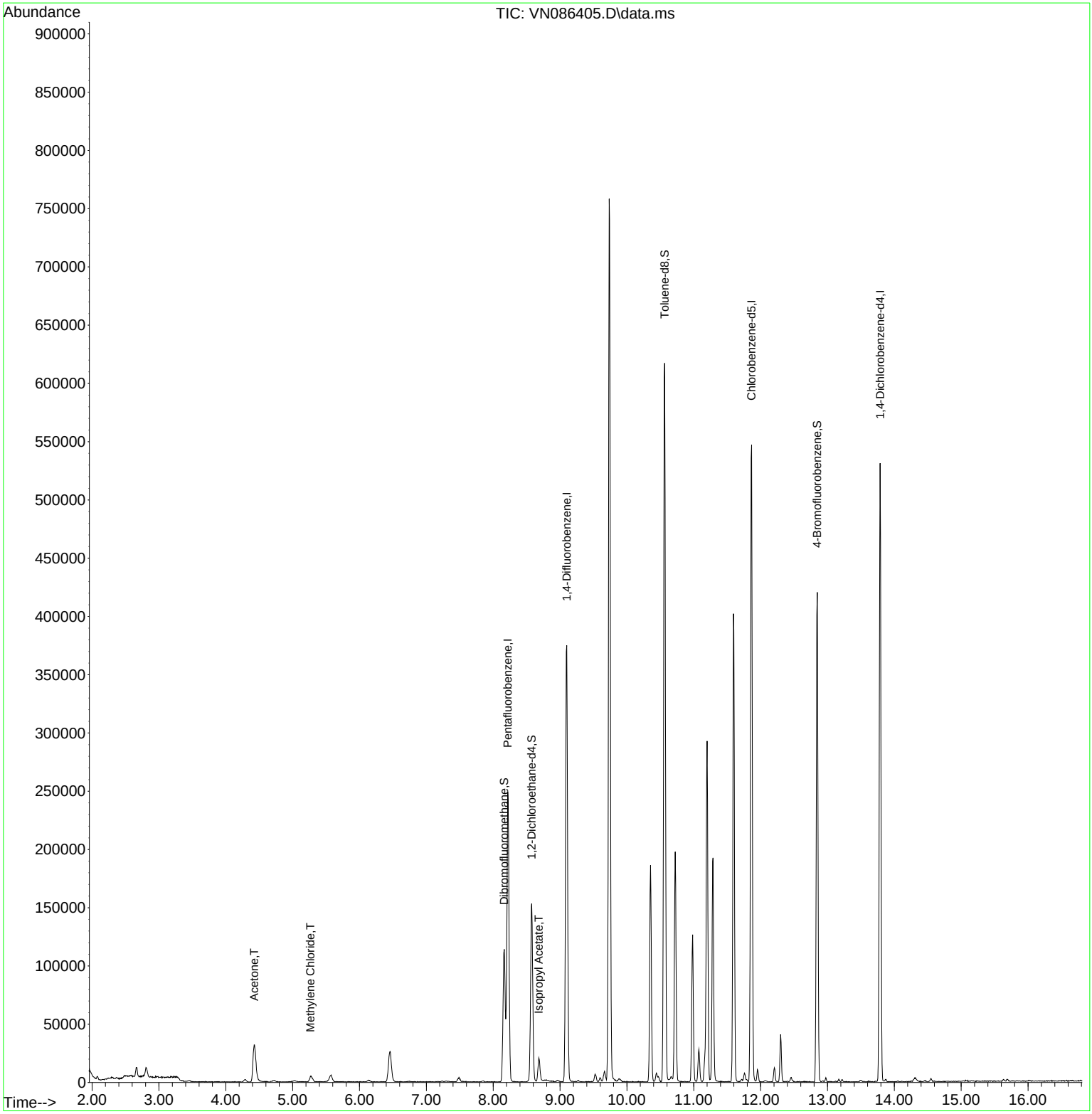
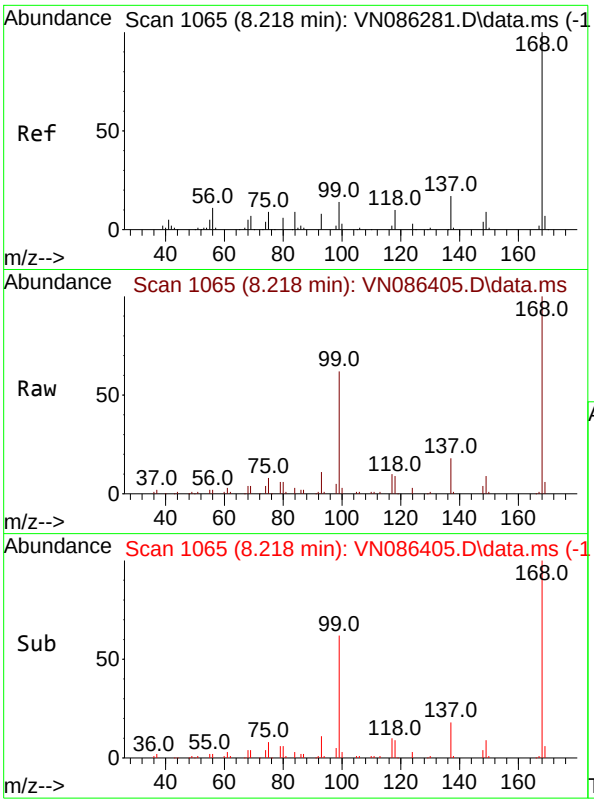


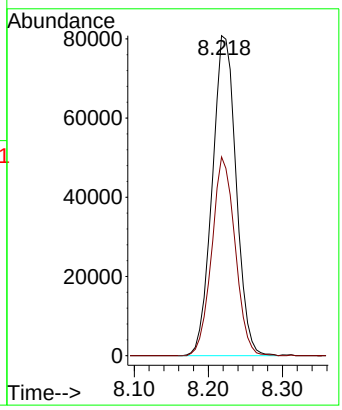


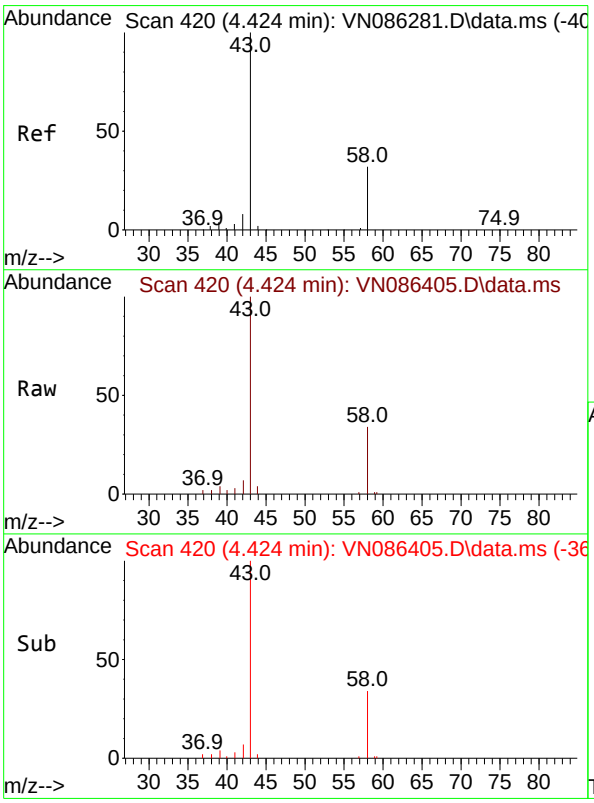
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086405.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#02

Tgt Ion:168 Resp: 180833

Ion	Ratio	Lower	Upper
168	100		
99	62.1	52.5	78.7

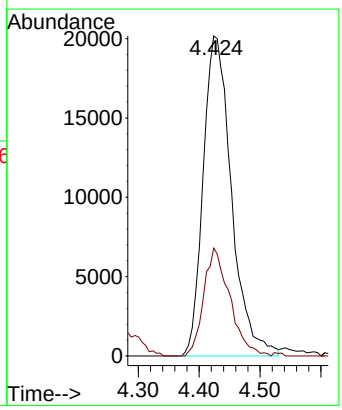


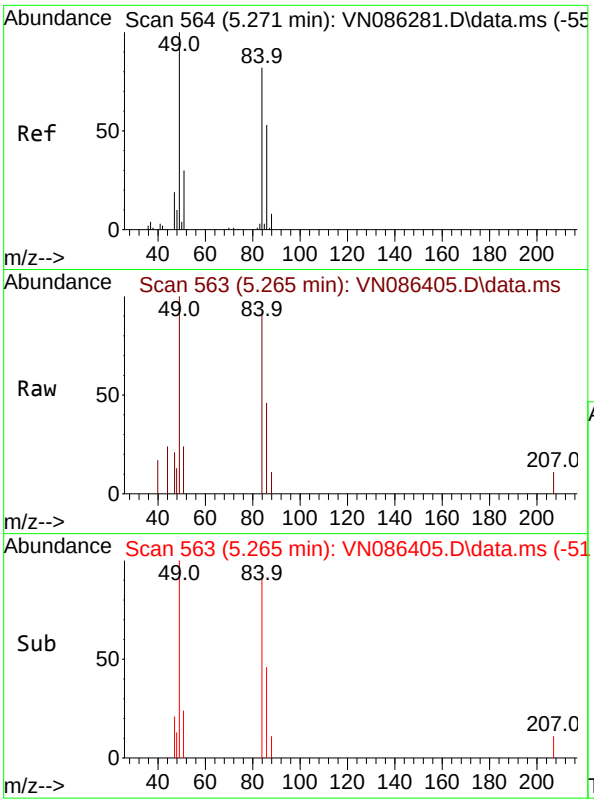


#16
Acetone
Concen: 67.731 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086405.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 43 Resp: 65178

Ion	Ratio	Lower	Upper
43	100		
58	33.7	25.3	37.9



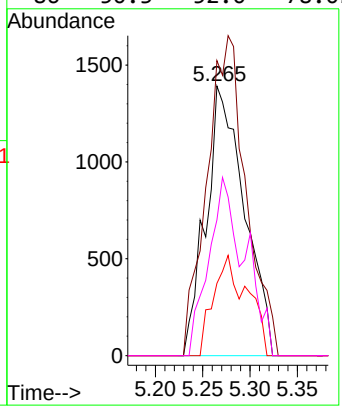


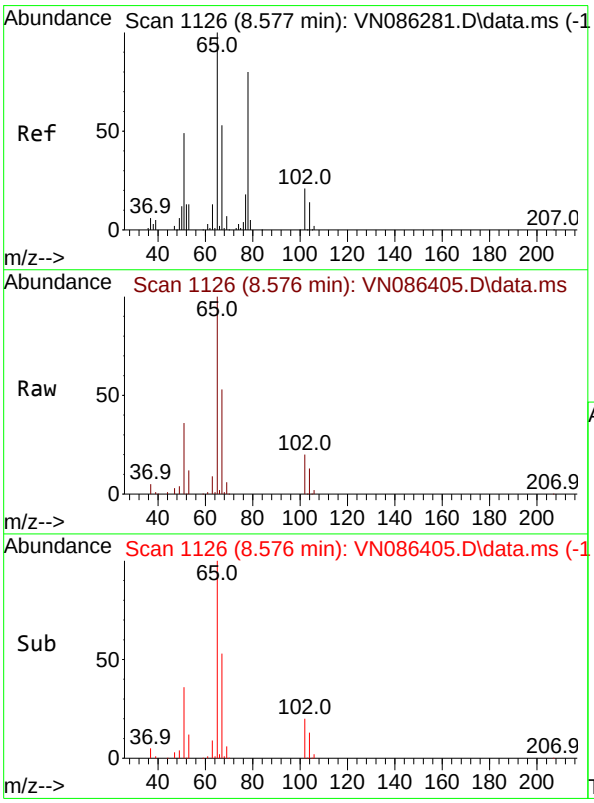
#20
Methylene Chloride
Concen: 1.621 ug/l
RT: 5.265 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN086405.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#02

Tgt Ion: 84 Resp: 3929

Ion	Ratio	Lower	Upper
84	100		
49	109.4	98.2	147.2
51	26.8	29.8	44.6#
86	50.3	52.0	78.0#

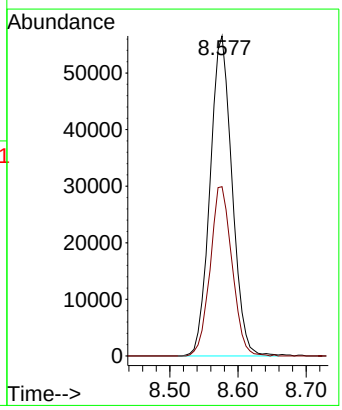


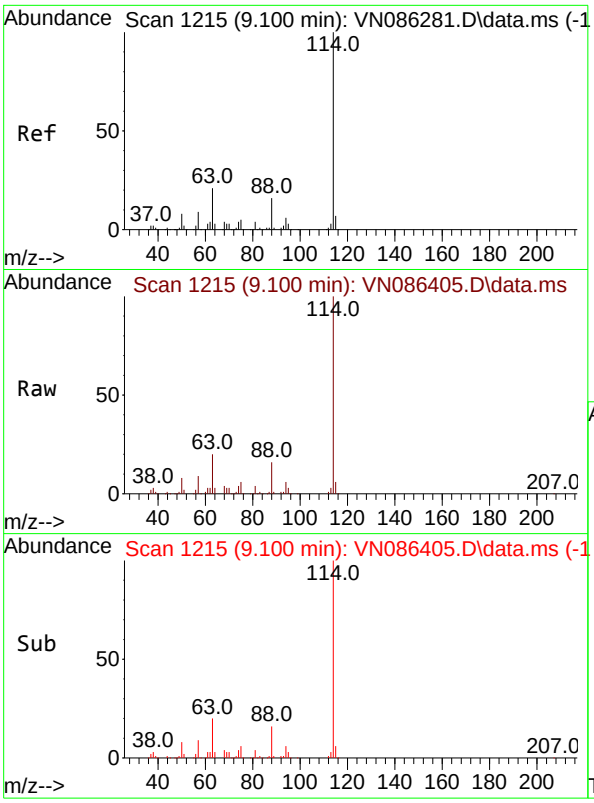


#33
1,2-Dichloroethane-d4
Concen: 48.498 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086405.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 65 Resp: 127174

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.0



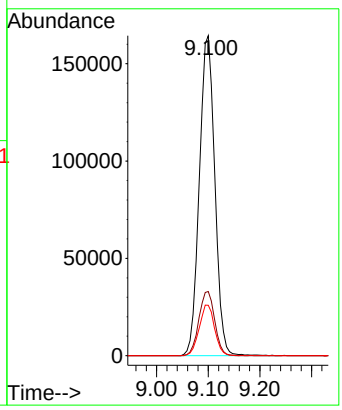


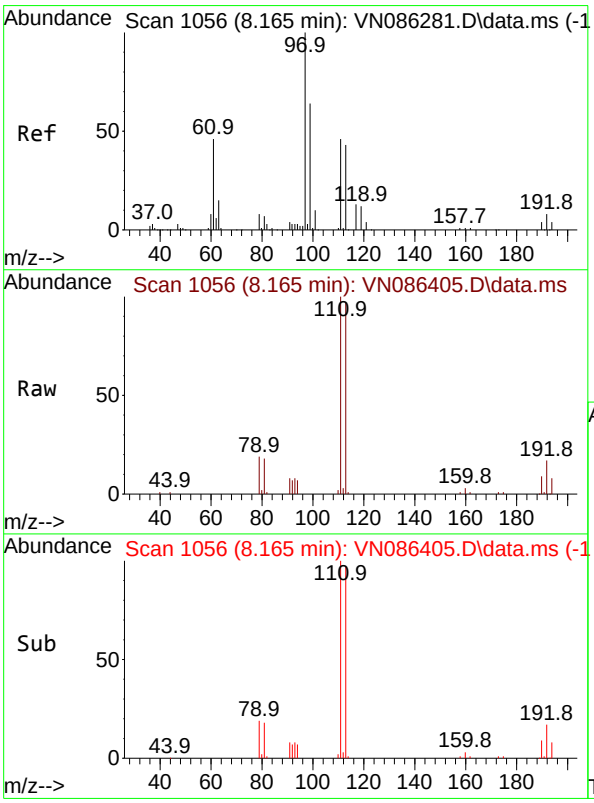
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086405.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#02

Tgt Ion:114 Resp: 341859

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.6
88	15.8	0.0	31.8

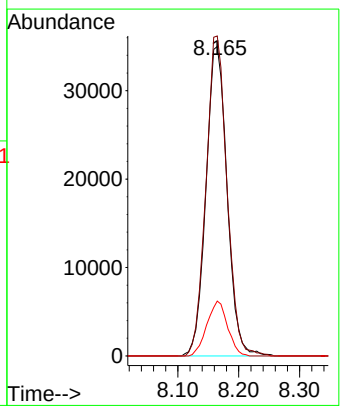


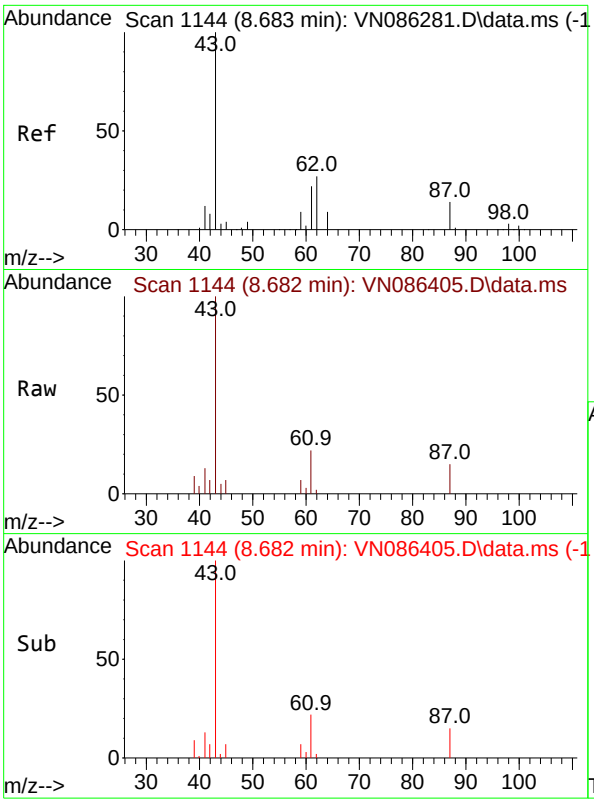


#35
Dibromofluoromethane
Concen: 53.220 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086405.D
Acq: 28 Apr 2025 12:44

Tgt Ion:113 Resp: 84440

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.0
192	17.4	13.7	20.5



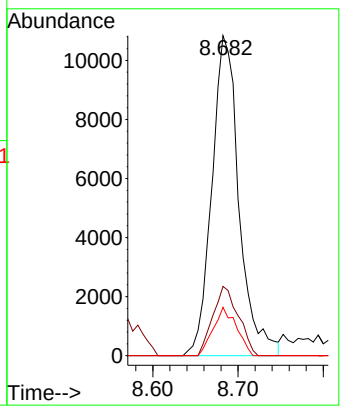


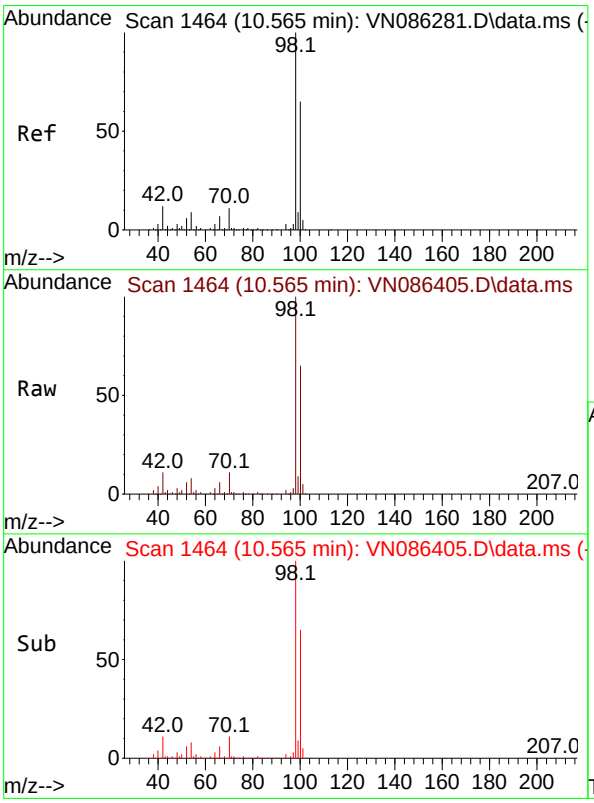
#43
Isopropyl Acetate
Concen: 2.200 ug/l
RT: 8.682 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN086405.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#02

Tgt Ion: 43 Resp: 24070

Ion	Ratio	Lower	Upper
43	100		
61	20.3	20.5	30.7#
87	12.9	10.5	15.7

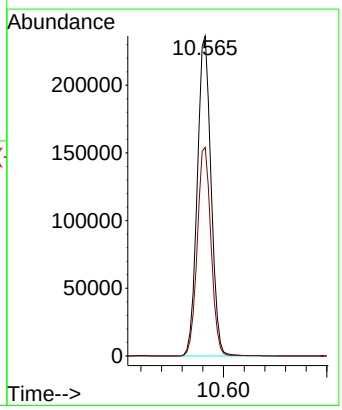


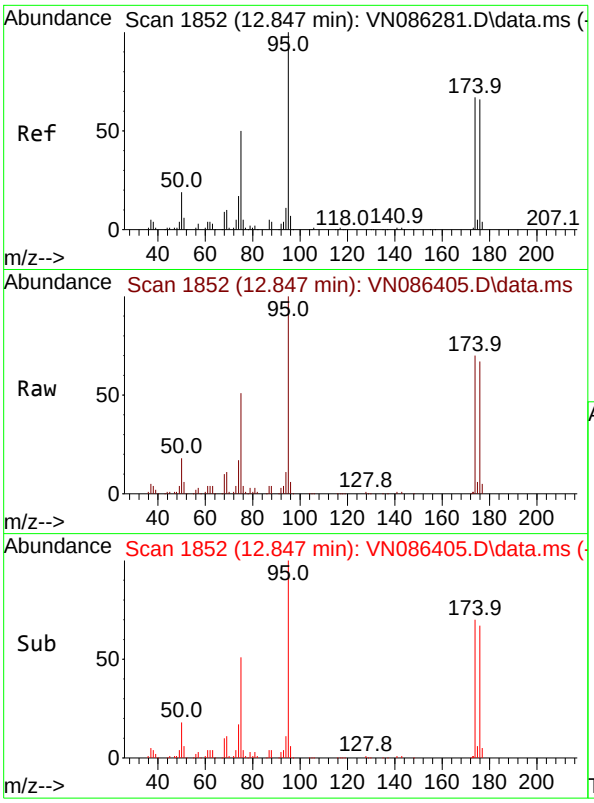


#50
Toluene-d8
Concen: 51.377 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086405.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 98 Resp: 435655

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.5	78.7



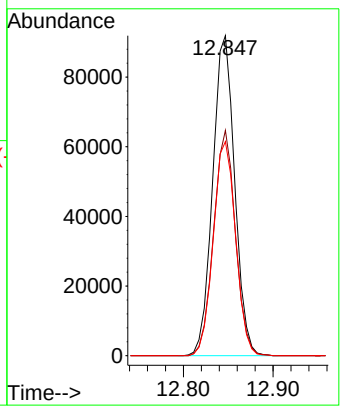


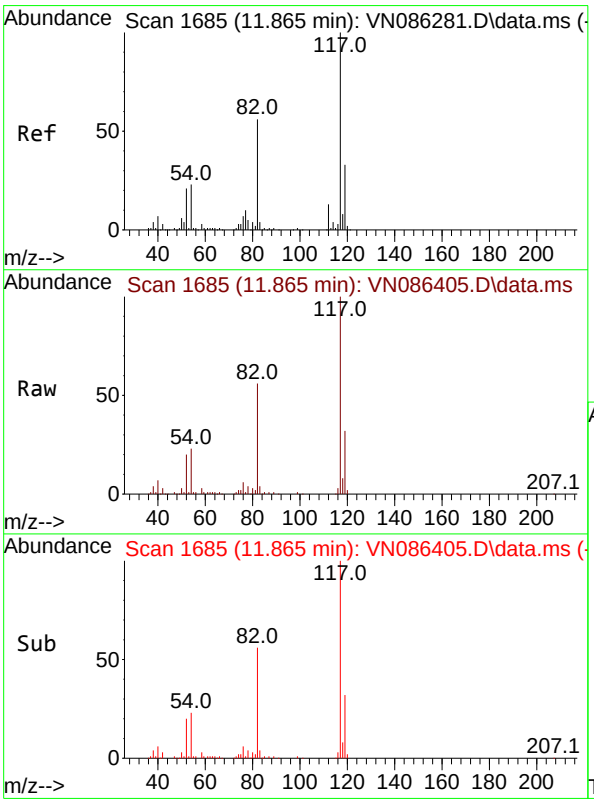
#62
4-Bromofluorobenzene
Concen: 50.581 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086405.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#02

Tgt Ion: 95 Resp: 156440

Ion	Ratio	Lower	Upper
95	100		
174	69.7	0.0	133.4
176	68.0	0.0	129.2

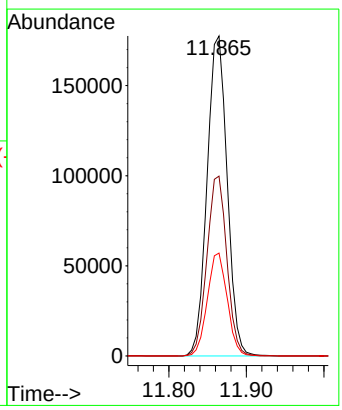


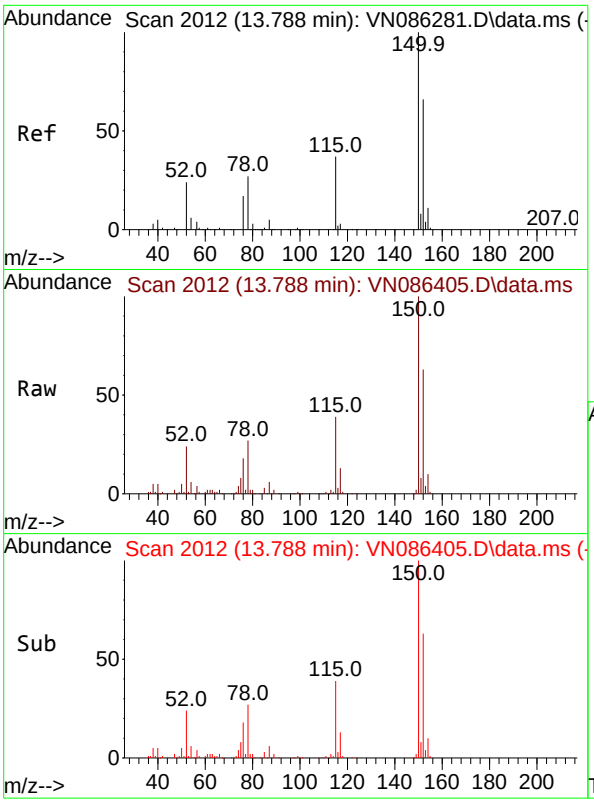


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086405.D
Acq: 28 Apr 2025 12:44

Tgt Ion:117 Resp: 319771

Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.7	67.1
119	32.1	26.4	39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086405.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#02

Tgt Ion:152 Resp: 143972

Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.9	95.9
150	156.8	0.0	352.0