Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087385.D
Acq On : 21 Jul 2025 17:07
Operator : JC\MD
Sample : Q2646-03 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Time: Jul 22 03:11:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	132035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	262033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	246052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	131454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	122836	54.829	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.660%			
35) Dibromofluoromethane	8.153	113	96675	53.485	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.980%			
50) Toluene-d8	10.547	98	330647	51.282	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.560%			
62) 4-Bromofluorobenzene	12.829	95	126507	53.108	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.220%			
Target Compounds						Qvalue
13) Acrolein	4.177	56	7657	22.429	ug/l	93
16) Acetone	4.424	43	45995	43.787	ug/l	96
18) Methyl Acetate	5.012	43	5555	2.105	ug/l #	88
25) 2-Butanone	7.477	43	367990	226.731	ug/l	99
37) Ethyl Acetate	7.553	43	34609	10.035	ug/l	98
52) Toluene	10.606	92	4803	1.024	ug/l	85
68) m/p-Xylenes	12.047	106	7752	2.276	ug/l	99
69) o-Xylene	12.382	106	5115	1.572	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	8852	1.256	ug/l	93
84) 1,2,4-Trimethylbenzene	13.459	105	42638	5.923	ug/l	99
95) Naphthalene	15.611	128	12073	1.454	ug/l #	91

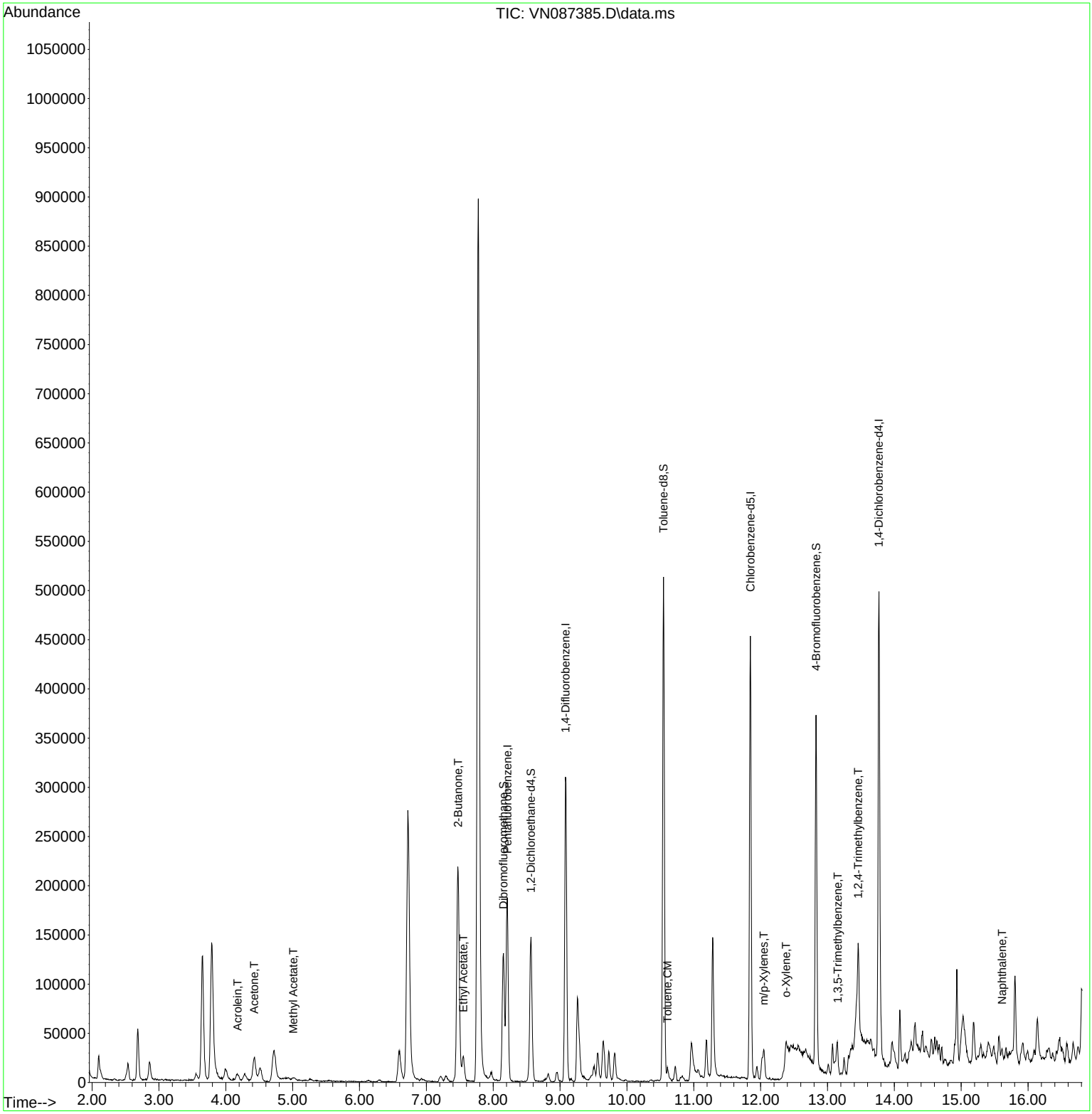
(#) = qualifier out of range (m) = manual integration (+) = signals summed

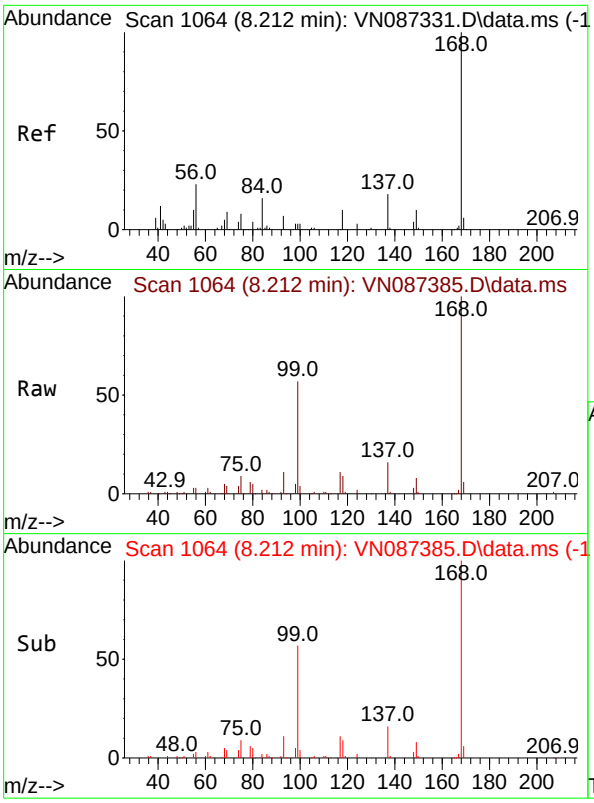
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087385.D
Acq On : 21 Jul 2025 17:07
Operator : JC\MD
Sample : Q2646-03 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Time: Jul 22 03:11:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



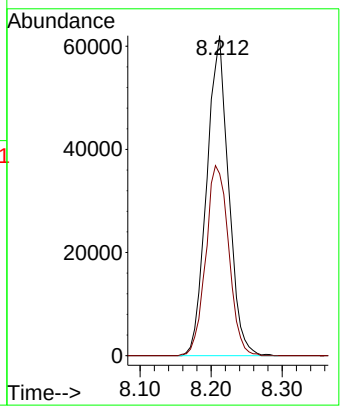


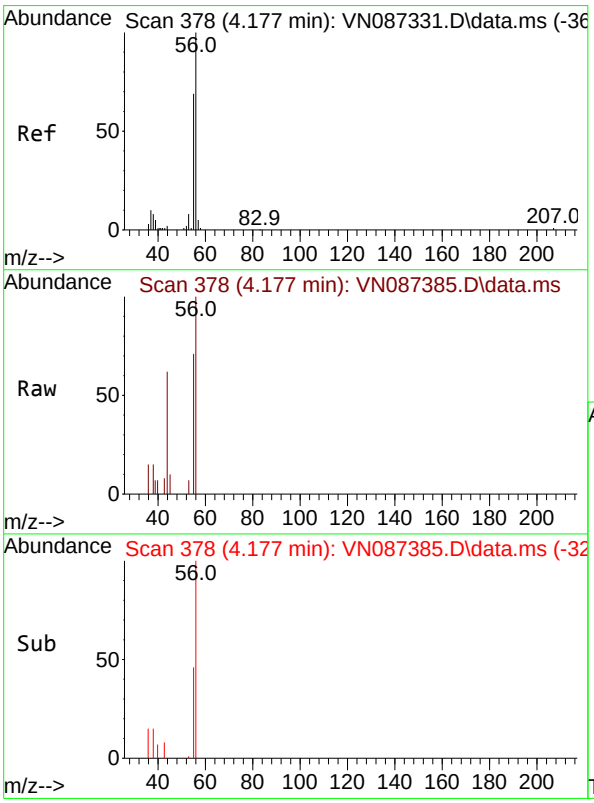
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:168 Resp: 132035

Ion	Ratio	Lower	Upper
168	100		
99	56.9	47.9	71.9

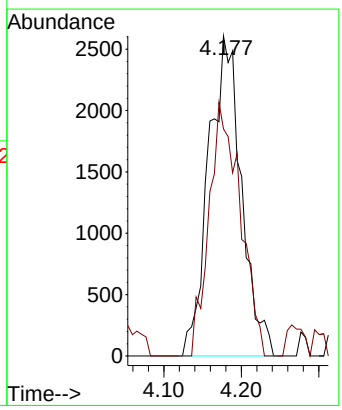


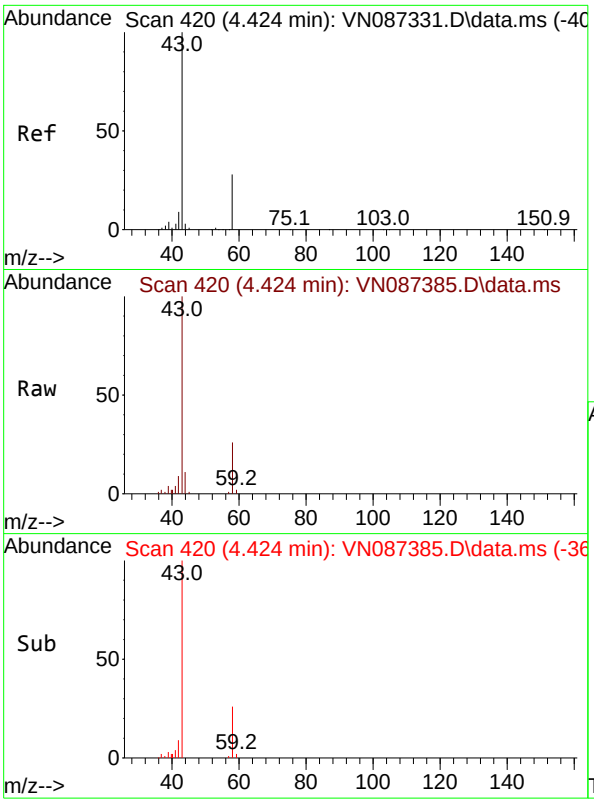


#13
Acrolein
Concen: 22.429 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Tgt Ion: 56 Resp: 7657

Ion	Ratio	Lower	Upper
56	100		
55	75.7	56.2	84.4



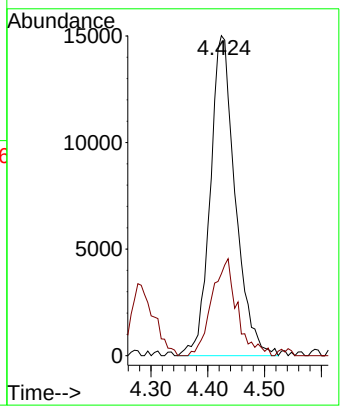


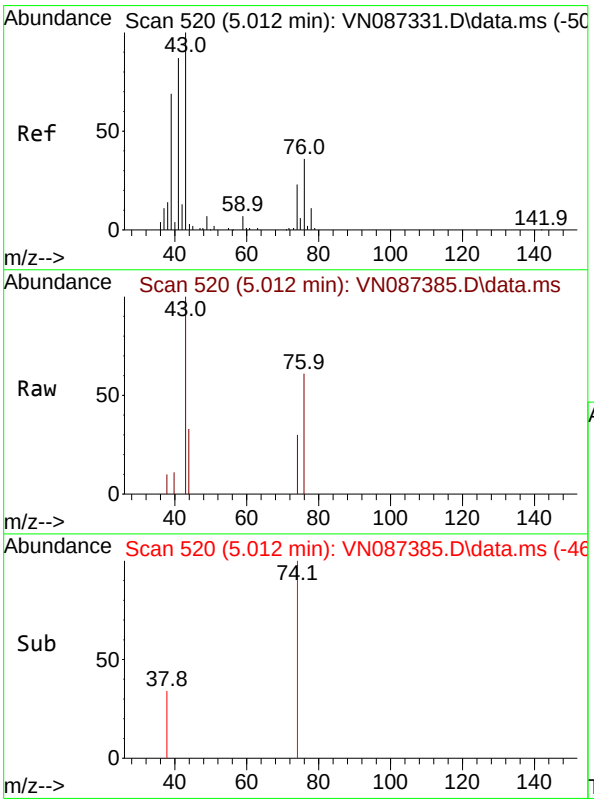
#16
Acetone
Concen: 43.787 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion: 43 Resp: 45995

Ion	Ratio	Lower	Upper
43	100		
58	25.6	22.3	33.5

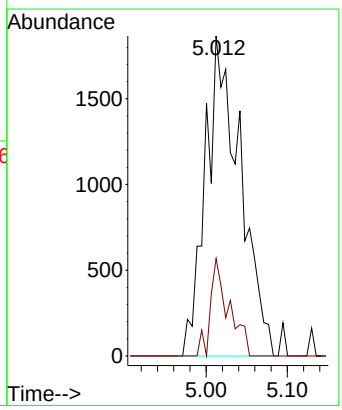


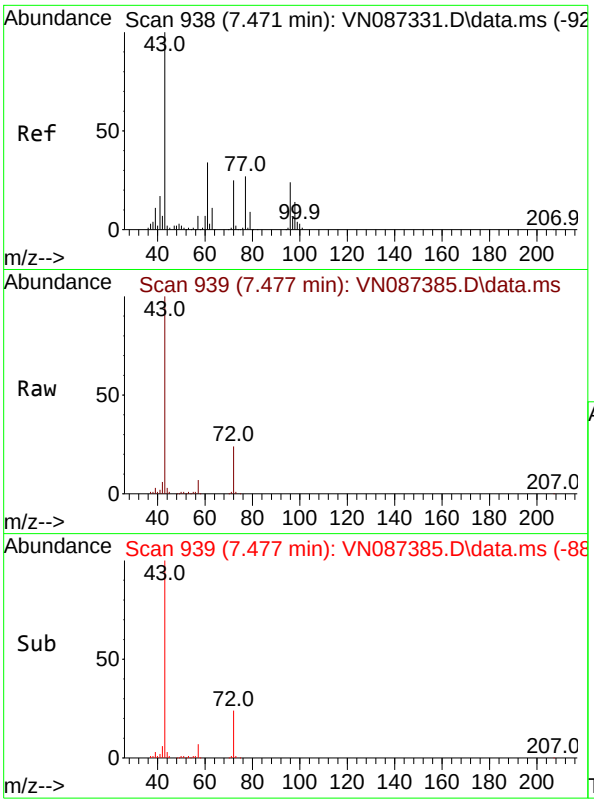


#18
Methyl Acetate
Concen: 2.105 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Tgt Ion: 43 Resp: 5555

Ion	Ratio	Lower	Upper
43	100		
74	16.2	17.8	26.6#



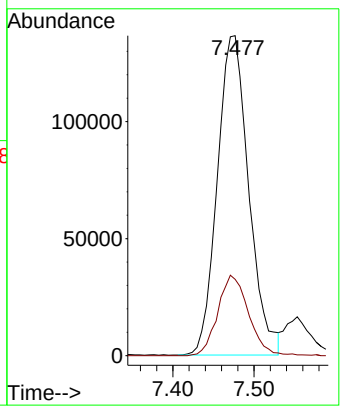


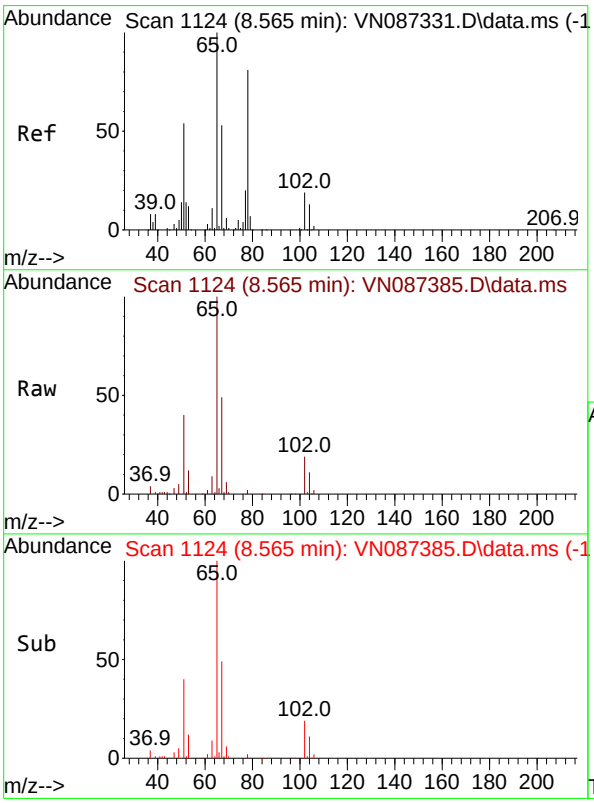
#25
2-Butanone
Concen: 226.731 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion: 43 Resp: 367990

Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.6	29.4

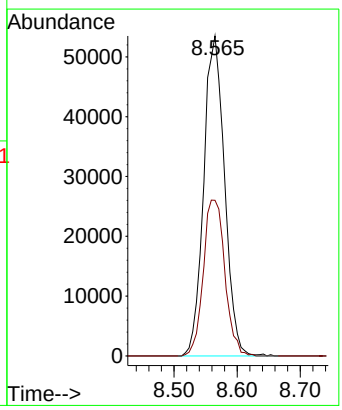


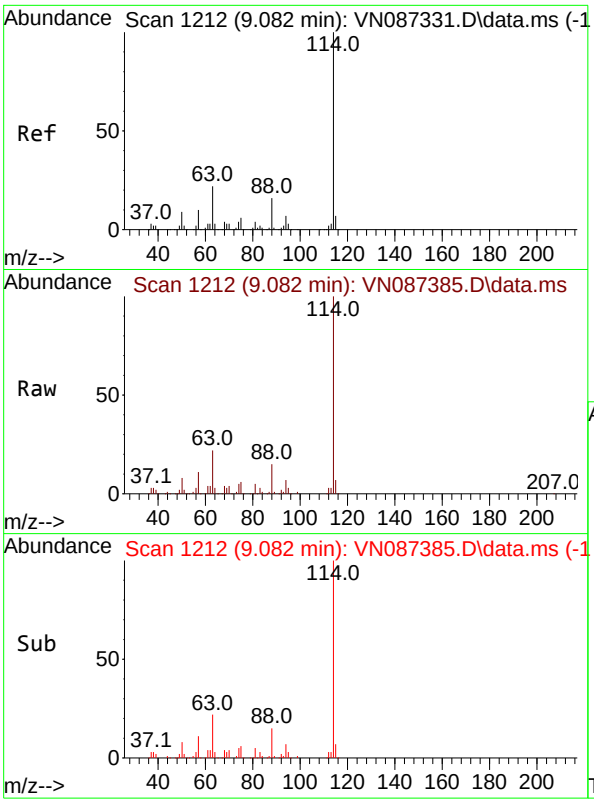


#33
1,2-Dichloroethane-d4
Concen: 54.829 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Tgt Ion: 65 Resp: 122836

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	104.0



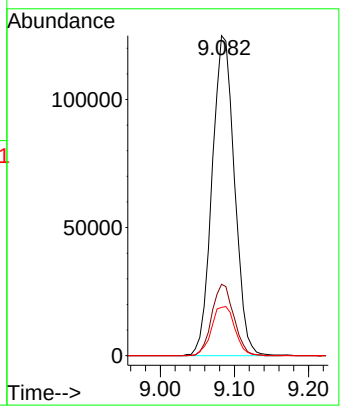


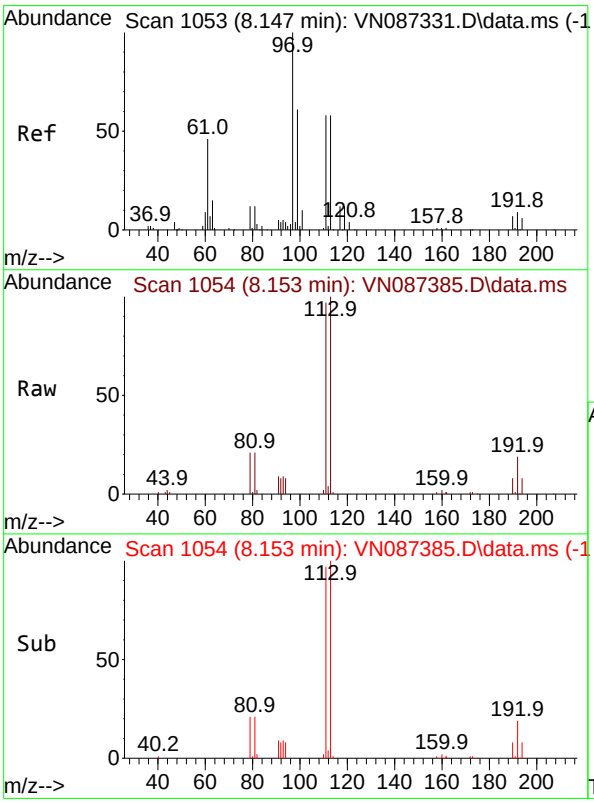
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:114 Resp: 262033

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.6
88	15.1	0.0	32.8

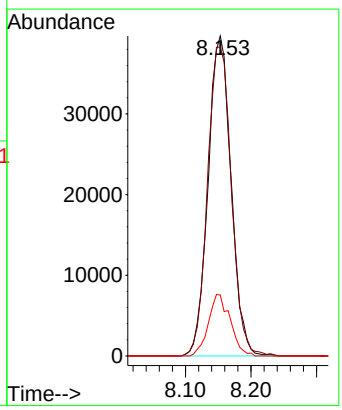


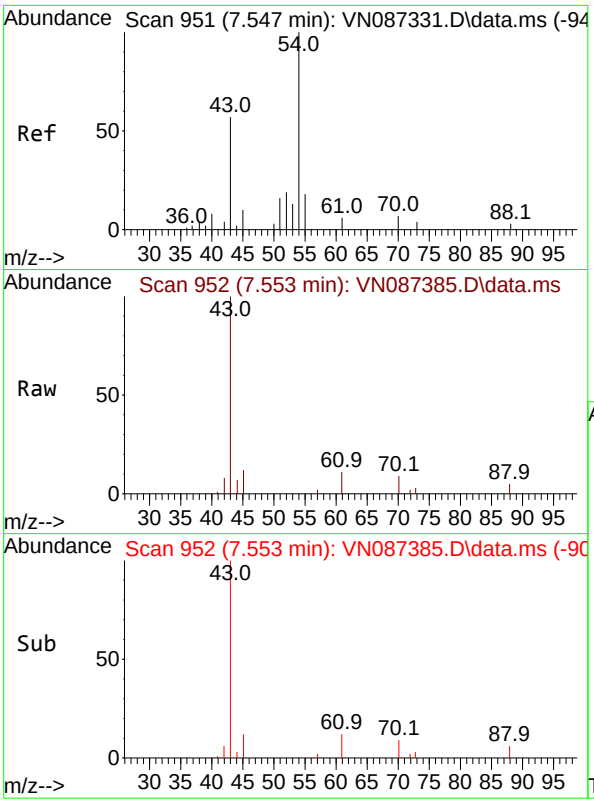


#35
Dibromofluoromethane
Concen: 53.485 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Tgt Ion:113 Resp: 96675

Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.5	123.7
192	18.3	13.7	20.5



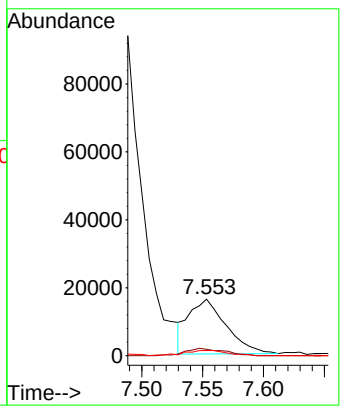


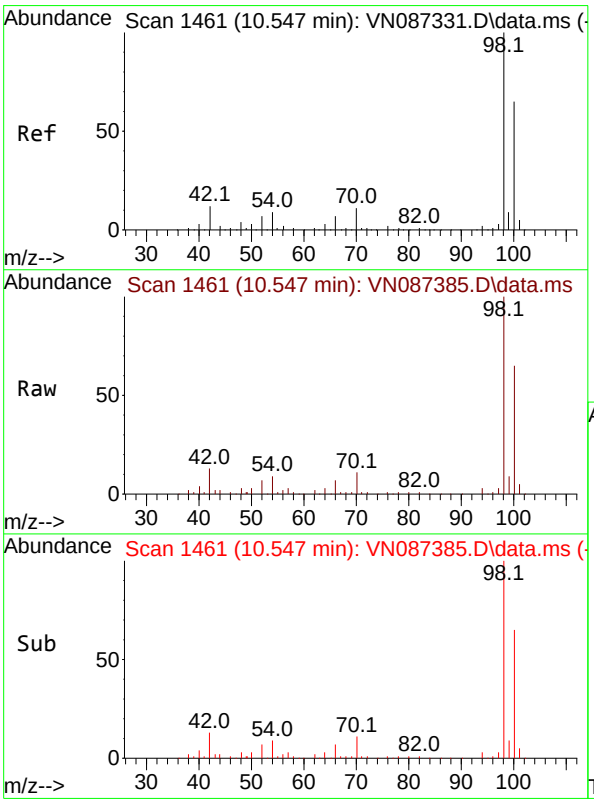
#37
Ethyl Acetate
Concen: 10.035 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion: 43 Resp: 34609

Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	11.0	7.4	11.0

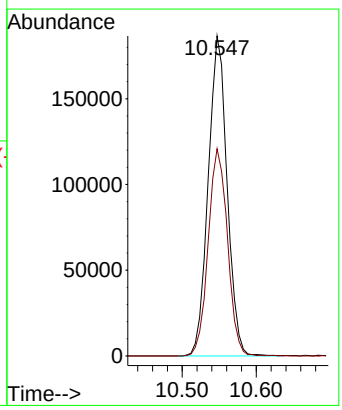


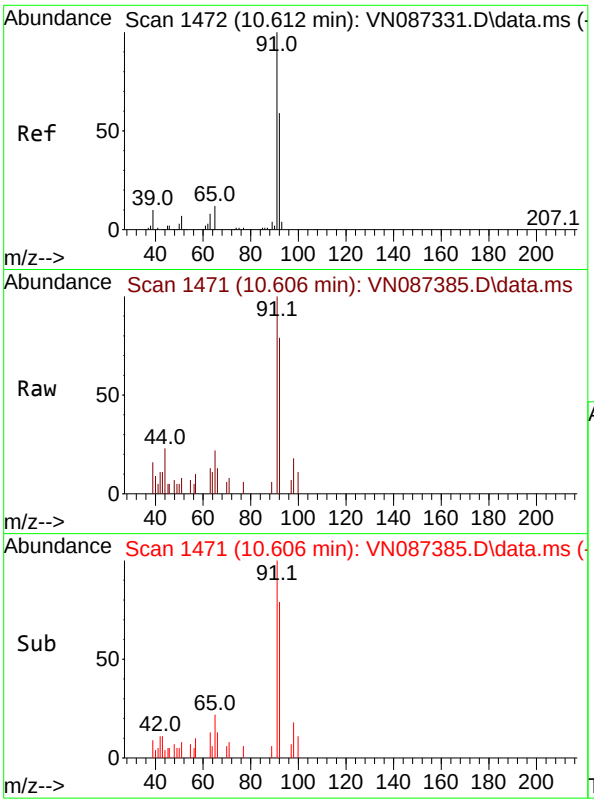


#50
Toluene-d8
Concen: 51.282 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Tgt Ion: 98 Resp: 330647

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.1	78.1



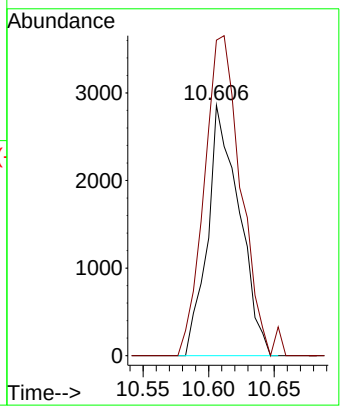


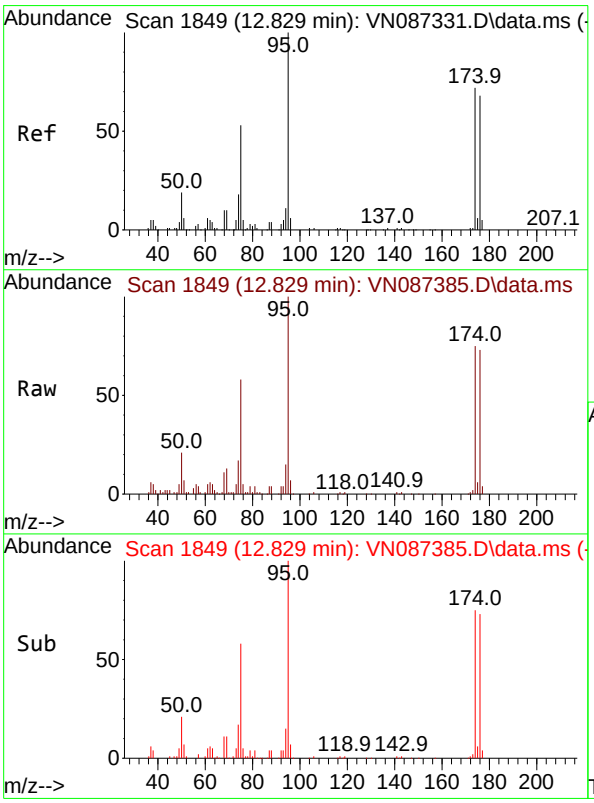
#52
Toluene
Concen: 1.024 ug/l
RT: 10.606 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion: 92 Resp: 4803

Ion	Ratio	Lower	Upper
92	100		
91	148.6	135.1	202.7

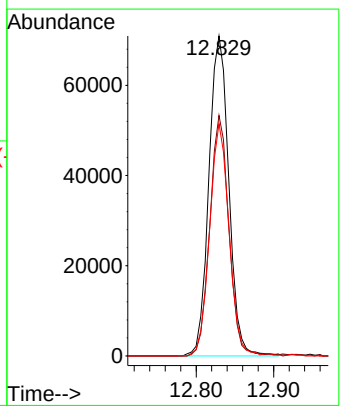


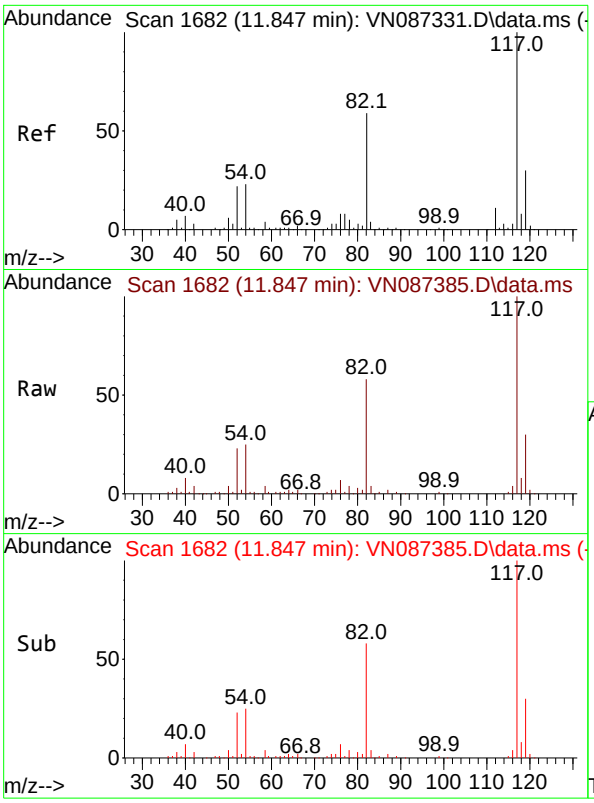


#62
4-Bromofluorobenzene
Concen: 53.108 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Tgt Ion: 95 Resp: 126507

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	149.4
176	70.8	0.0	141.2



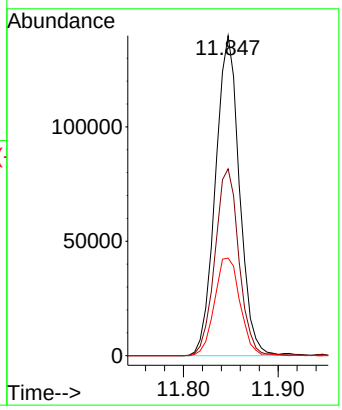


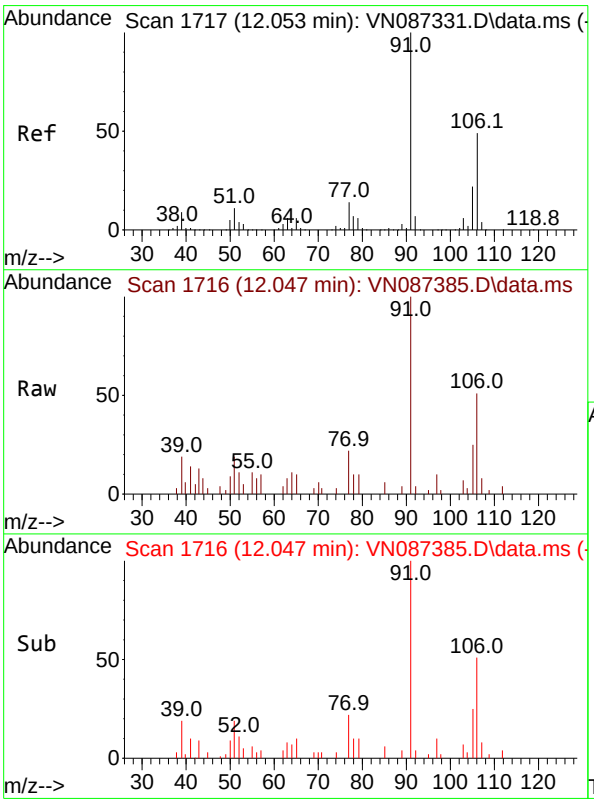
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:117 Resp: 246052

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.4	71.2
119	30.5	23.8	35.8

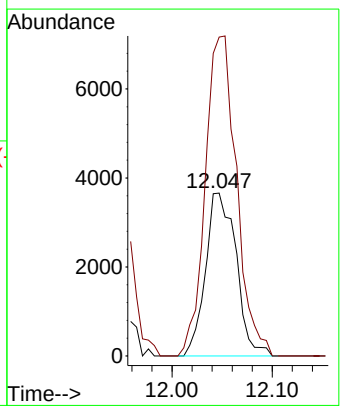


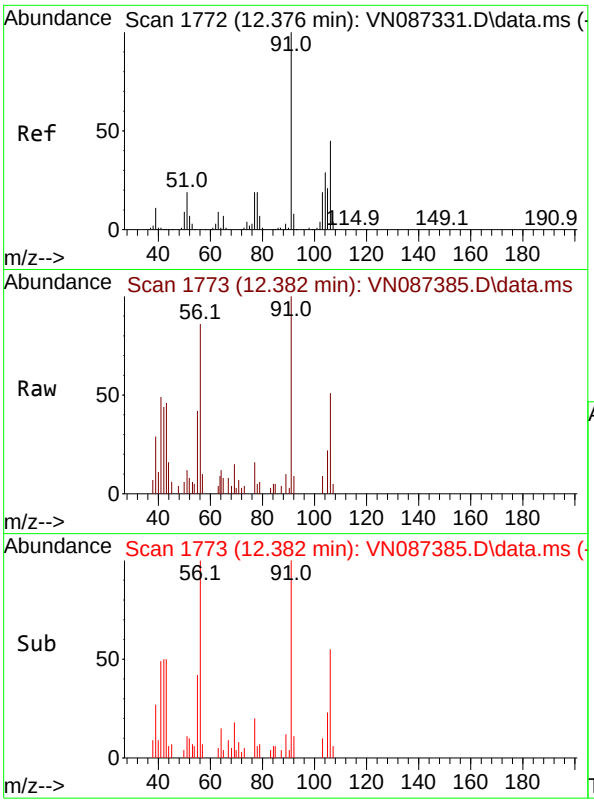


#68
m/p-Xylenes
Concen: 2.276 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Tgt Ion:106 Resp: 7752

Ion	Ratio	Lower	Upper
106	100		
91	200.9	162.0	243.0



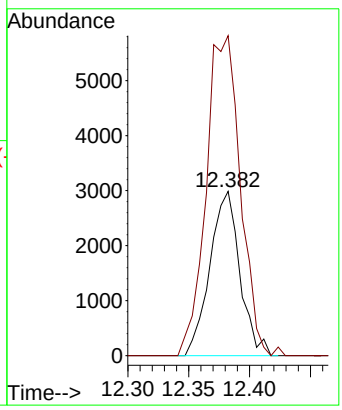


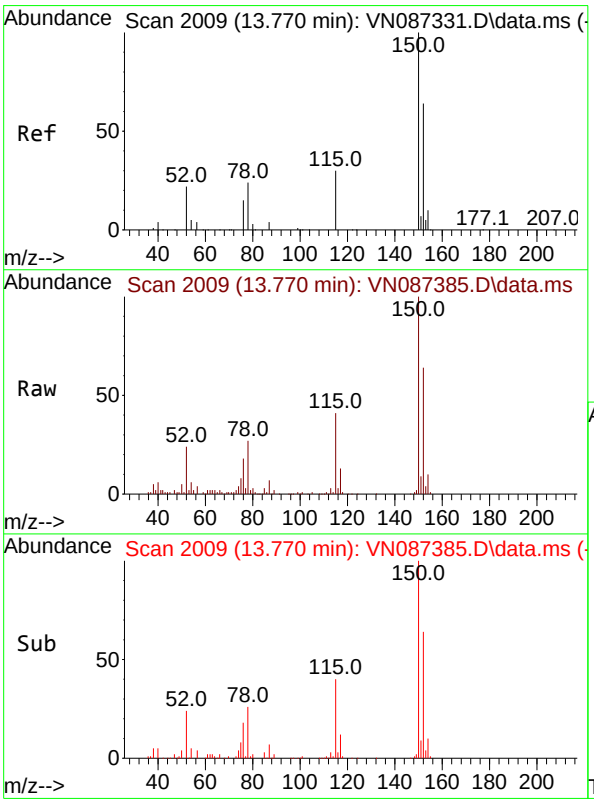
#69
o-Xylene
Concen: 1.572 ug/l
RT: 12.382 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:106 Resp: 5115

Ion	Ratio	Lower	Upper
106	100		
91	222.6	107.7	323.3

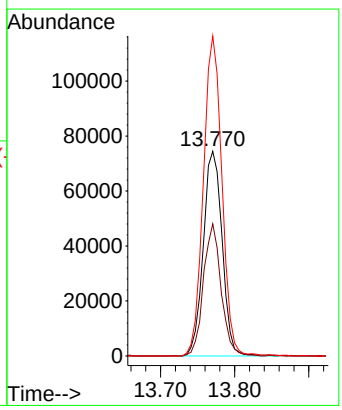


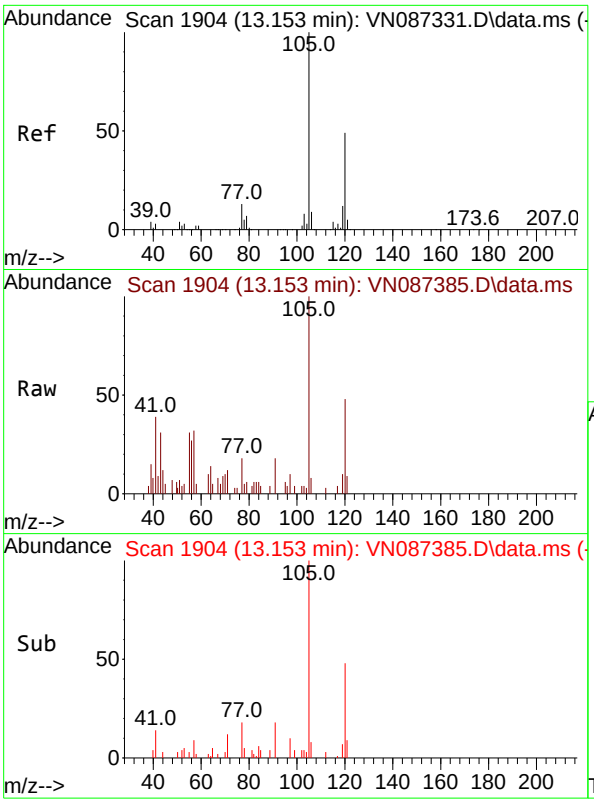


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Tgt Ion:152 Resp: 131454

Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.1	93.5
150	154.0	0.0	349.0



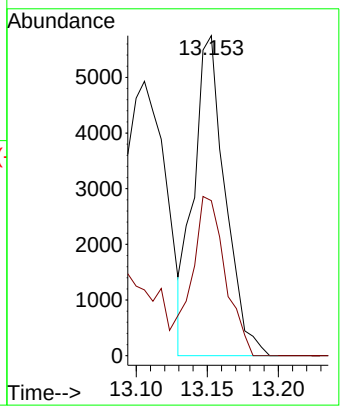


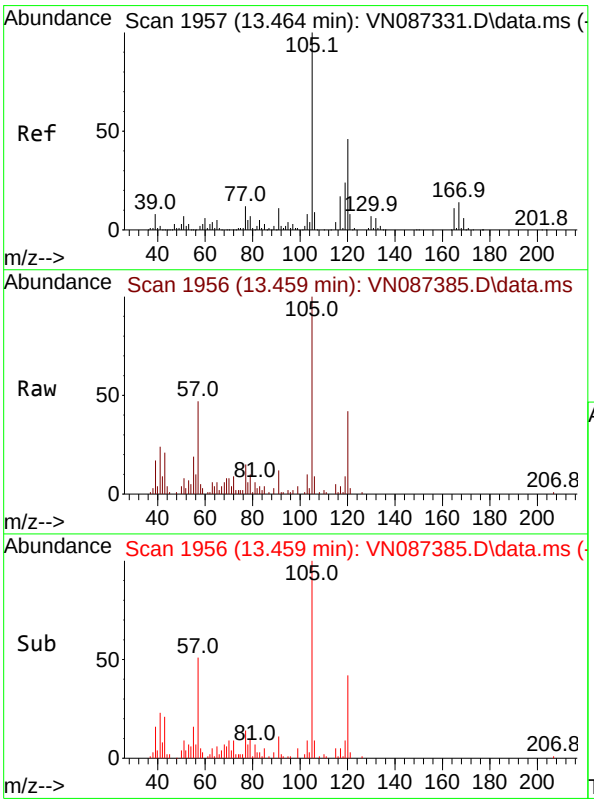
#80
1,3,5-Trimethylbenzene
Concen: 1.256 ug/l
RT: 13.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:105 Resp: 8852

Ion	Ratio	Lower	Upper
105	100		
120	53.3	24.3	72.8

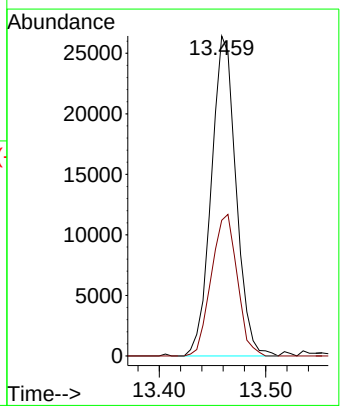


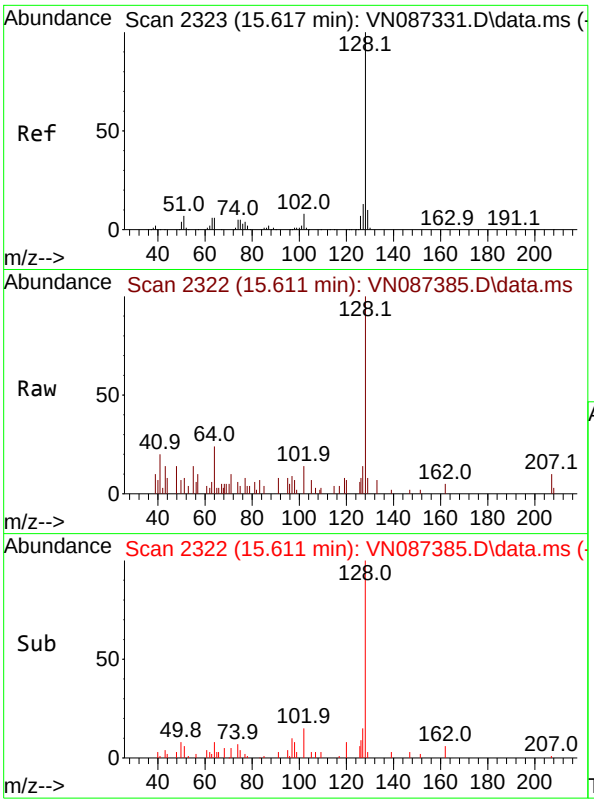


#84
1,2,4-Trimethylbenzene
Concen: 5.923 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Tgt Ion:105 Resp: 42638

Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.8	68.3





#95
Naphthalene
Concen: 1.454 ug/l
RT: 15.611 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087385.D
Acq: 21 Jul 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:128 Resp: 12073

Ion	Ratio	Lower	Upper
128	100		
127	18.8	10.5	15.7#
129	11.3	8.4	12.6