Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Time: Jul 22 03:06:14 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

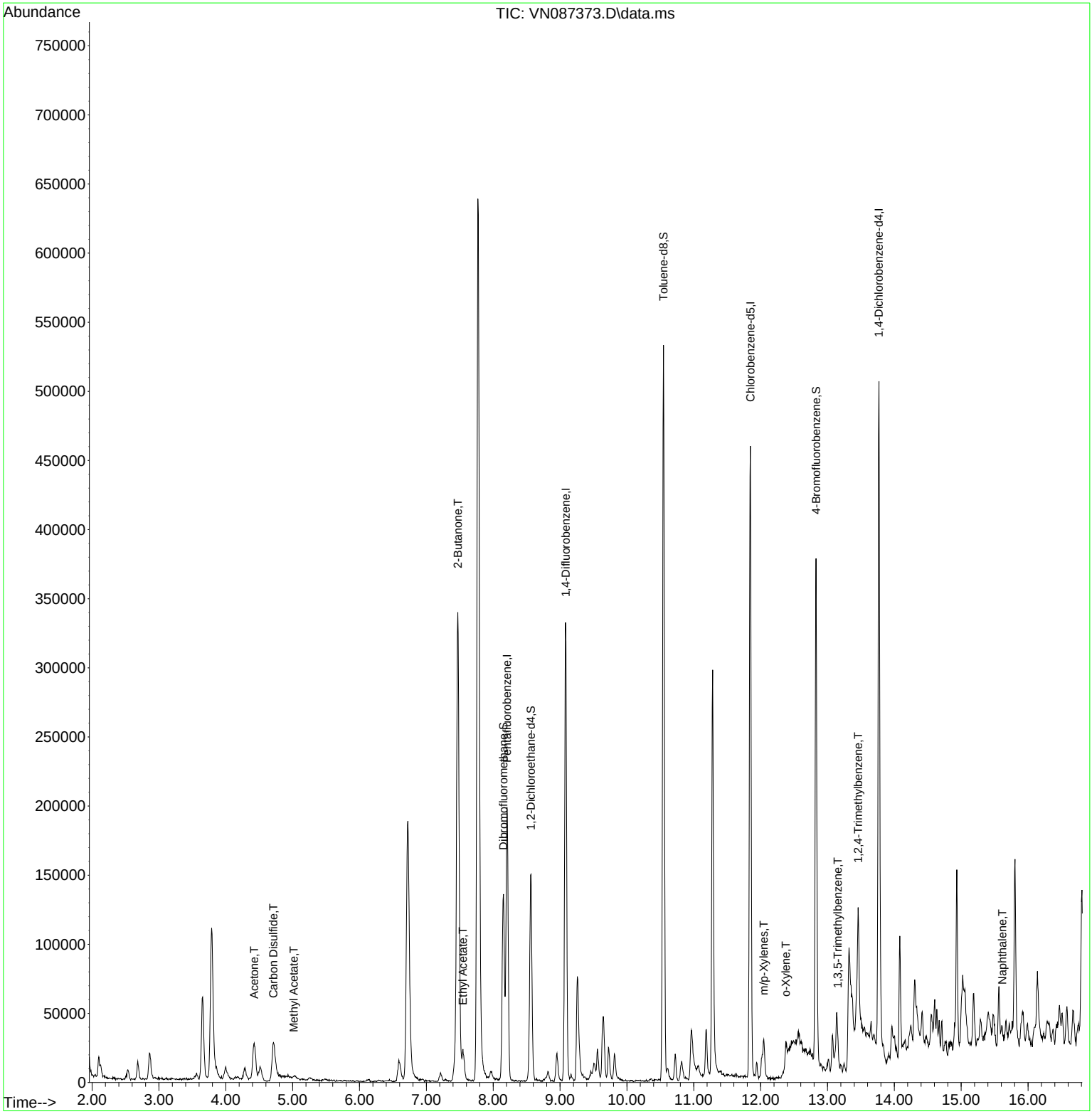
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	144360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	274202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	259490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	124607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	125765	51.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.680%			
35) Dibromofluoromethane	8.153	113	97049	51.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	10.547	98	350875	52.005	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.000%			
62) 4-Bromofluorobenzene	12.829	95	122788	49.259	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.520%			
Target Compounds						Qvalue
16) Acetone	4.424	43	52887	46.049	ug/l #	86
17) Carbon Disulfide	4.712	76	8453	1.730	ug/l #	89
18) Methyl Acetate	5.018	43	4330	1.501	ug/l #	85
25) 2-Butanone	7.471	43	575216	324.151	ug/l	99
37) Ethyl Acetate	7.547	43	27593	7.645	ug/l #	94
68) m/p-Xylenes	12.047	106	6458	1.798	ug/l	94
69) o-Xylene	12.376	106	3635	1.060	ug/l	88
80) 1,3,5-Trimethylbenzene	13.153	105	7307	1.094	ug/l	93
84) 1,2,4-Trimethylbenzene	13.459	105	38577	5.653	ug/l	98
95) Naphthalene	15.617	128	12847	1.633	ug/l #	94

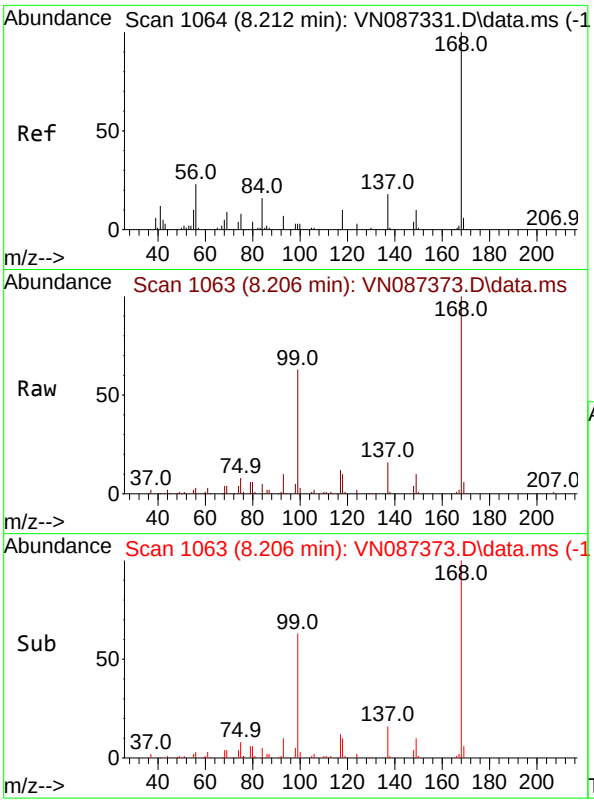
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087373.D
Acq On : 21 Jul 2025 12:51
Operator : JC\MD
Sample : Q2646-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Quant Time: Jul 22 03:06:14 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



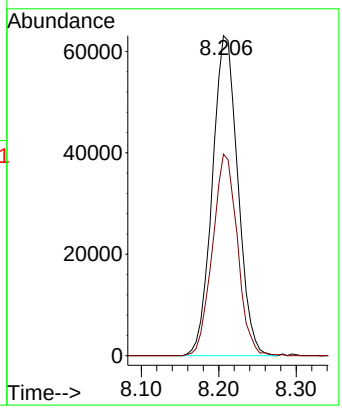


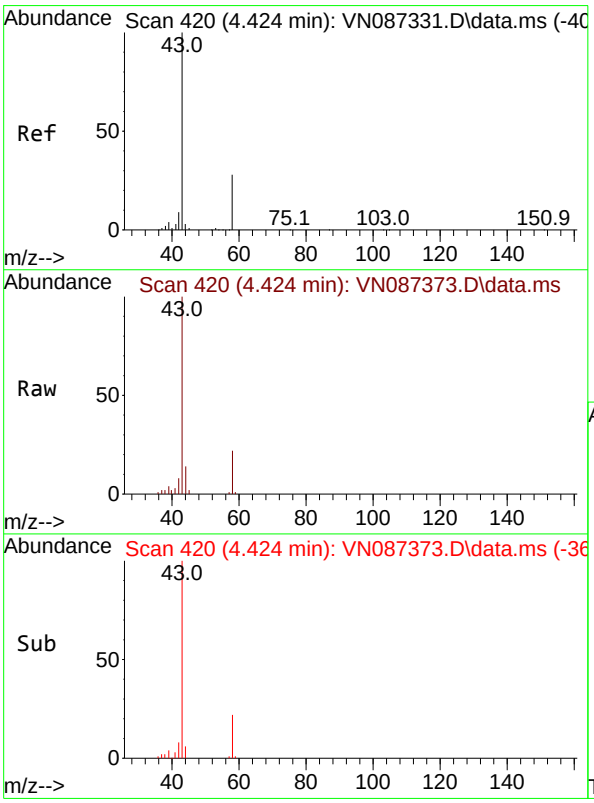
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:168 Resp: 144360

Ion	Ratio	Lower	Upper
168	100		
99	63.0	47.9	71.9

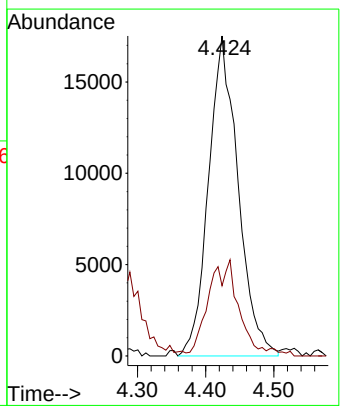


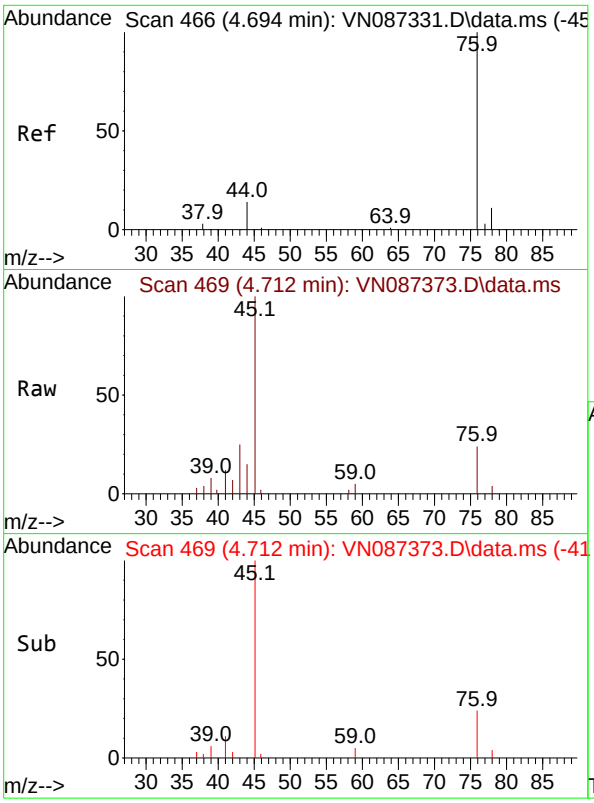


#16
Acetone
Concen: 46.049 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion: 43 Resp: 52887

Ion	Ratio	Lower	Upper
43	100		
58	20.8	22.3	33.5#



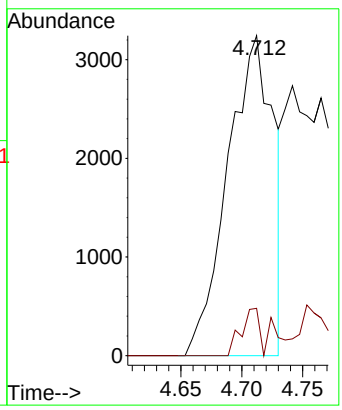


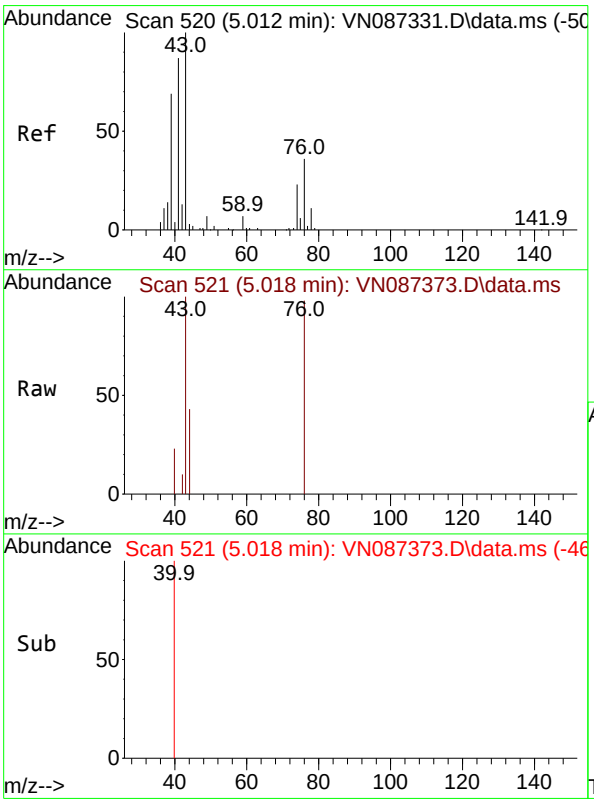
#17
Carbon Disulfide
Concen: 1.730 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.018 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion: 76 Resp: 8453

Ion	Ratio	Lower	Upper
76	100		
78	14.8	8.6	13.0#

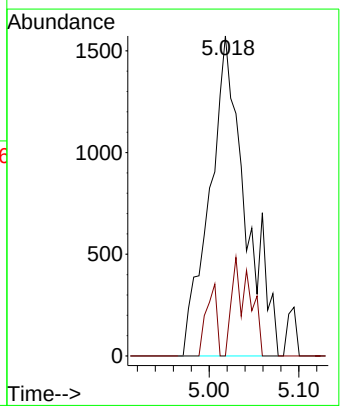


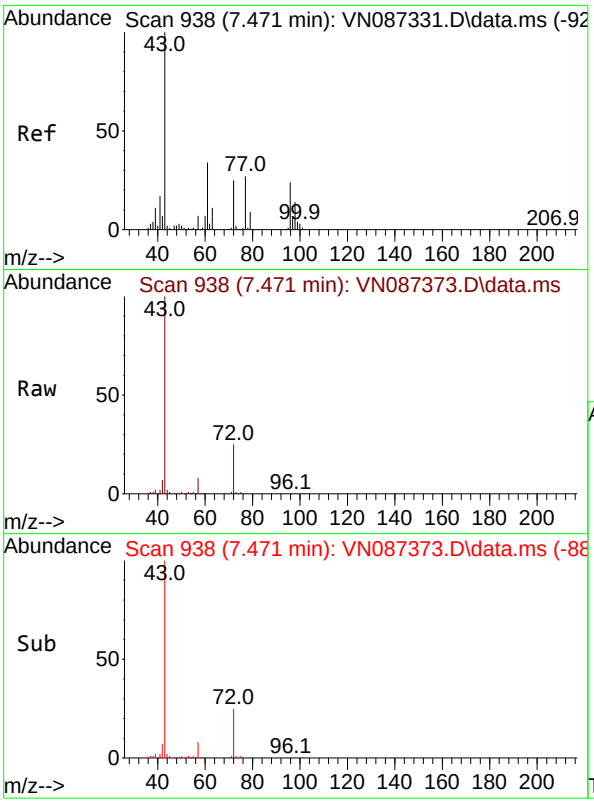


#18
Methyl Acetate
Concen: 1.501 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion: 43 Resp: 4330

Ion	Ratio	Lower	Upper
43	100		
74	15.2	17.8	26.6#



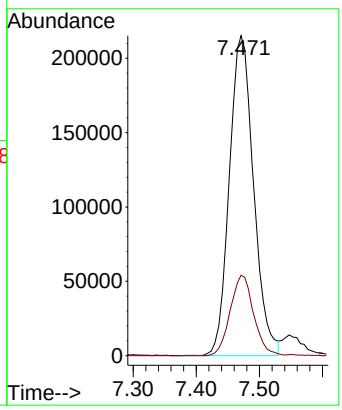


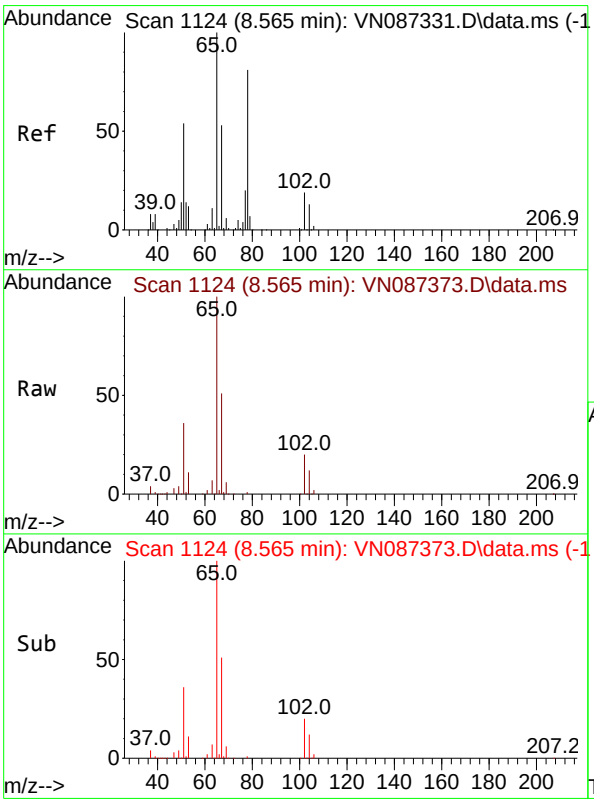
#25
2-Butanone
Concen: 324.151 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion: 43 Resp: 575216

Ion	Ratio	Lower	Upper
43	100		
72	25.1	19.6	29.4

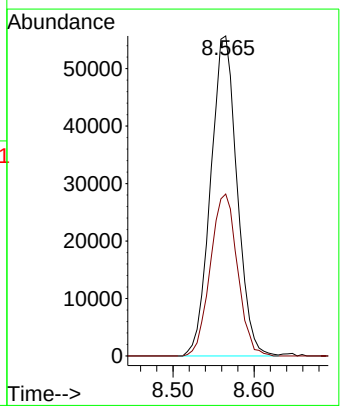


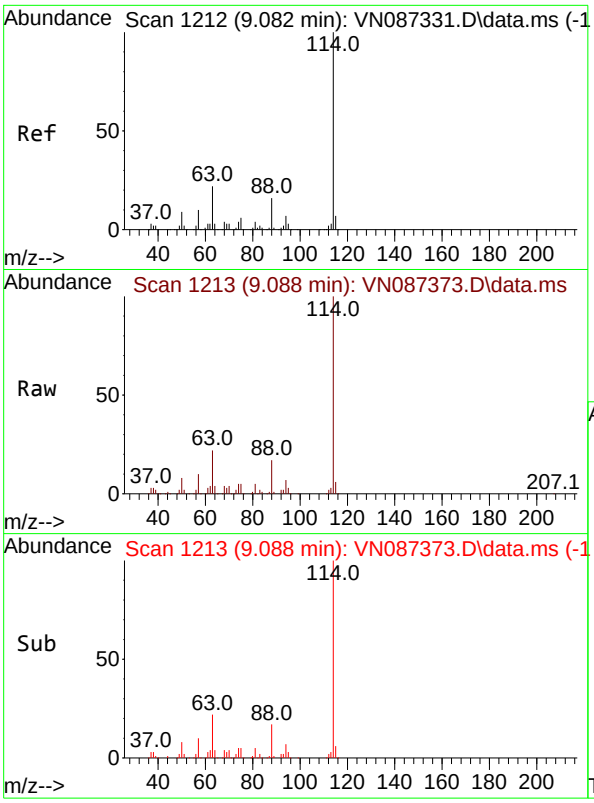


#33
1,2-Dichloroethane-d4
Concen: 51.344 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion: 65 Resp: 125765

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.0



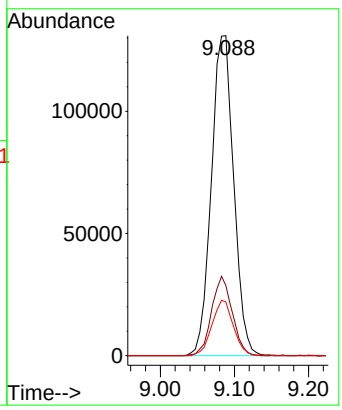


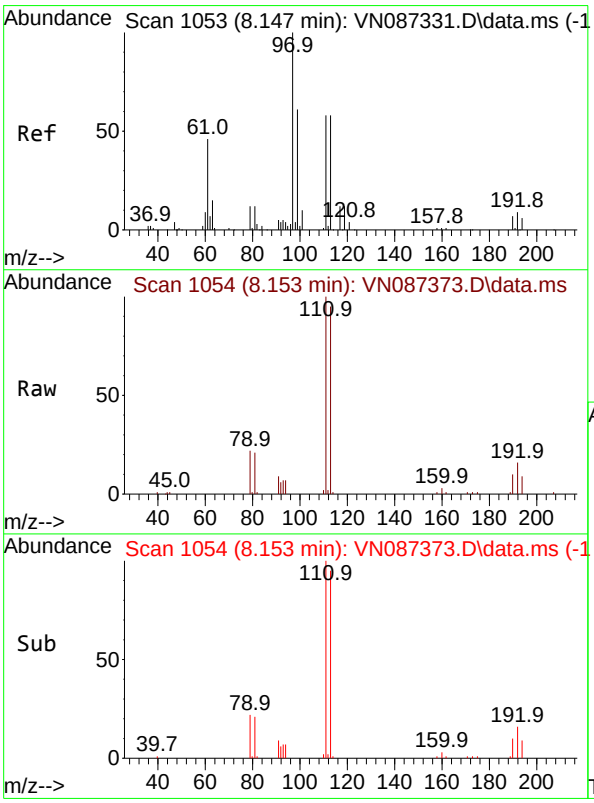
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:114 Resp: 274202

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.6
88	16.8	0.0	32.8

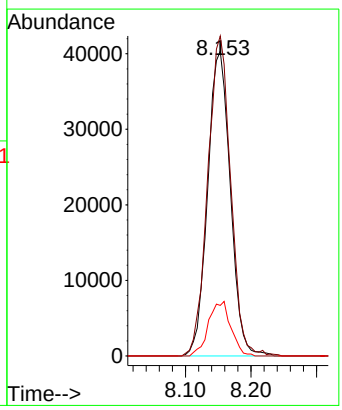


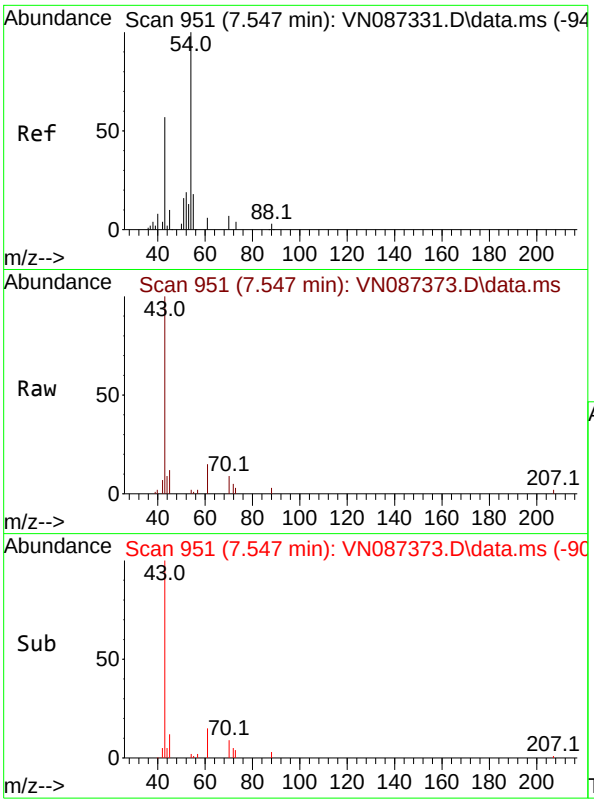


#35
Dibromofluoromethane
Concen: 51.309 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion:113 Resp: 97049

Ion	Ratio	Lower	Upper
113	100		
111	105.9	82.5	123.7
192	17.6	13.7	20.5



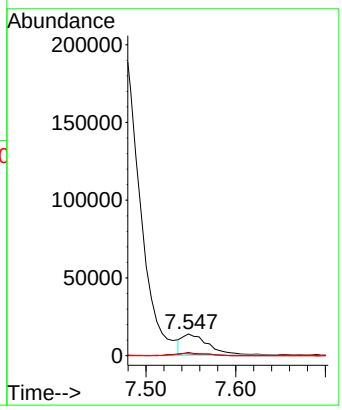


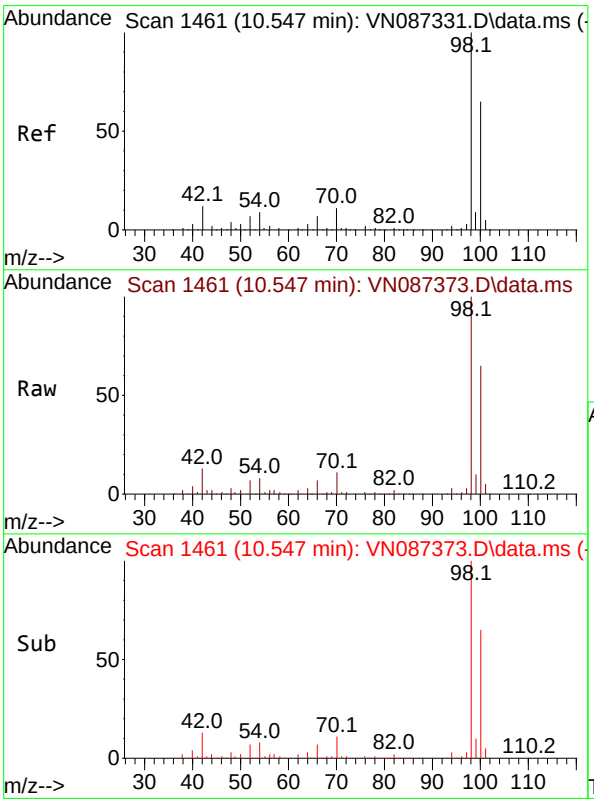
#37
Ethyl Acetate
Concen: 7.645 ug/l
RT: 7.547 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion: 43 Resp: 27593

Ion	Ratio	Lower	Upper
43	100		
61	15.8	10.9	16.3
70	11.4	7.4	11.0#

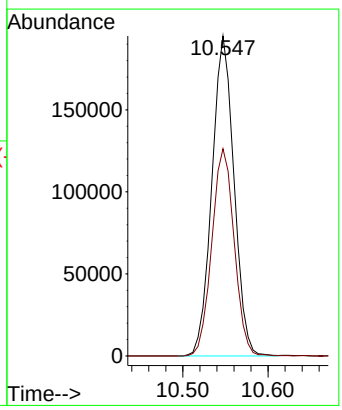


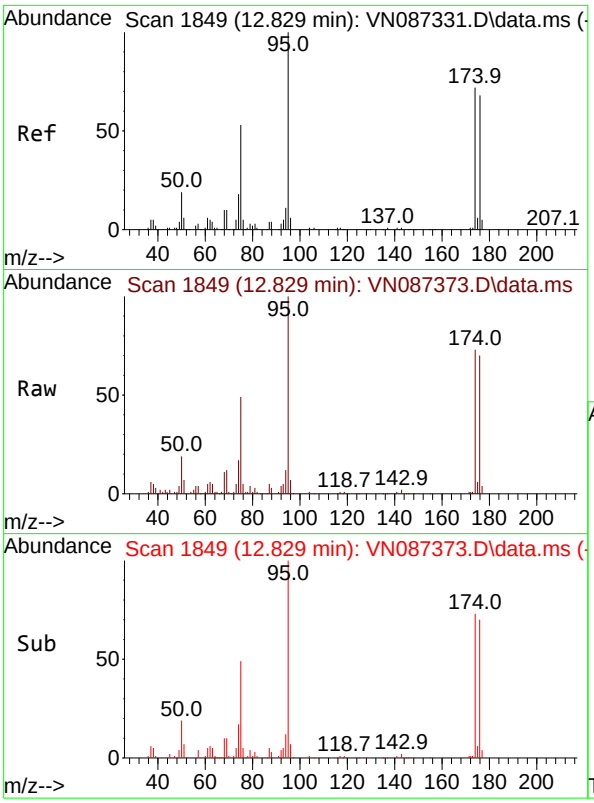


#50
Toluene-d8
Concen: 52.005 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion: 98 Resp: 350875

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.1	78.1



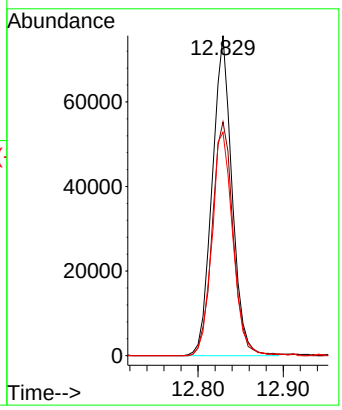


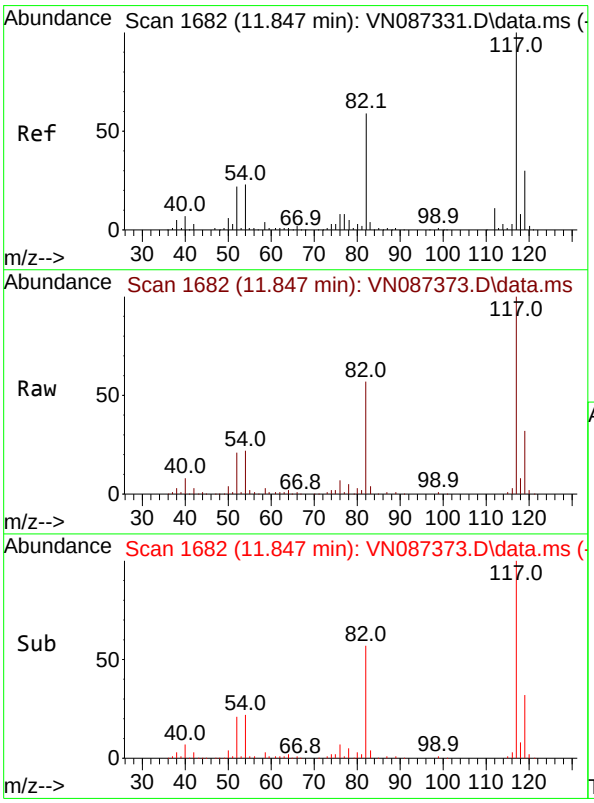
#62
4-Bromofluorobenzene
Concen: 49.259 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion: 95 Resp: 122788

Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	149.4
176	73.5	0.0	141.2

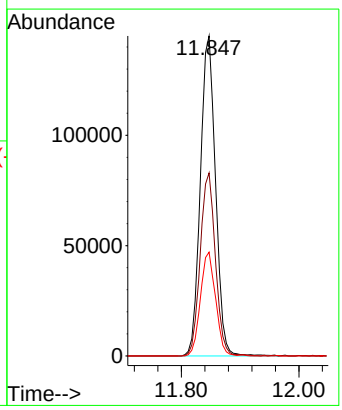


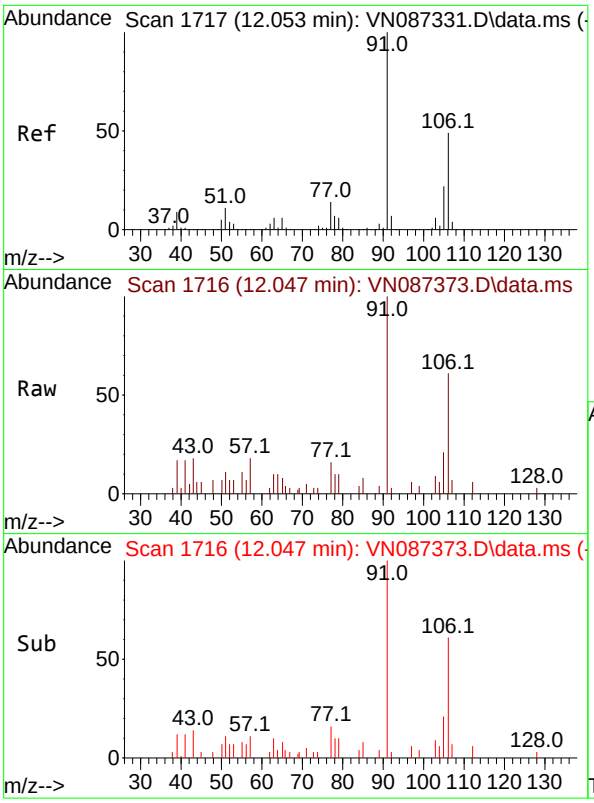


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion:117 Resp: 259490

Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.4	71.2
119	32.4	23.8	35.8



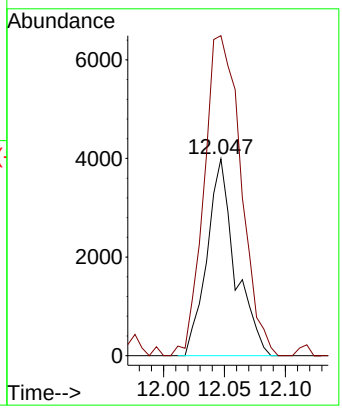


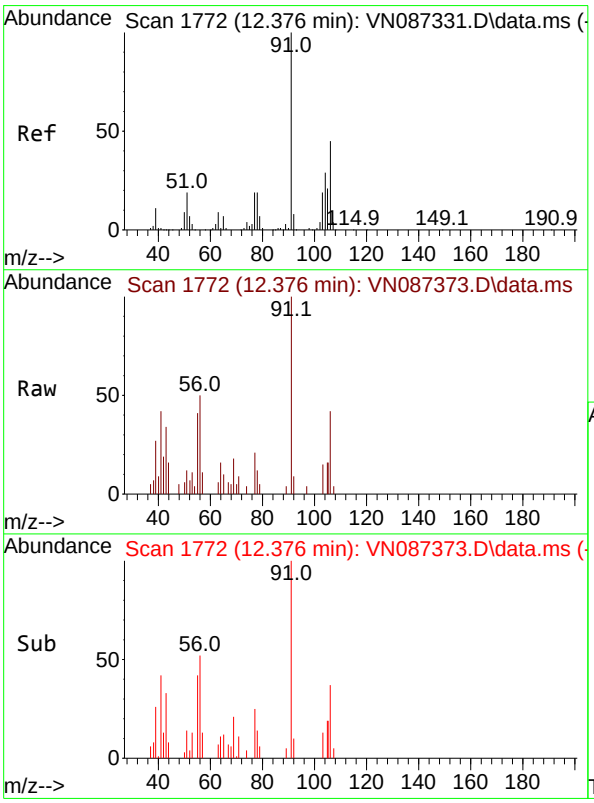
#68
m/p-Xylenes
Concen: 1.798 ug/l
RT: 12.047 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:106 Resp: 6458

Ion	Ratio	Lower	Upper
106	100		
91	211.7	162.0	243.0

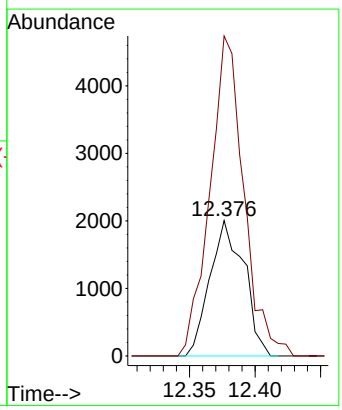


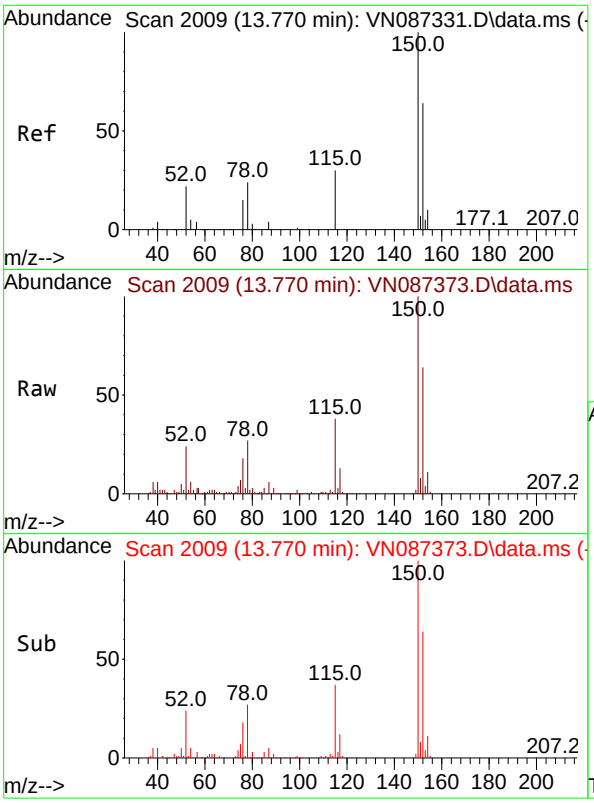


#69
o-Xylene
Concen: 1.060 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion:106 Resp: 3635

Ion	Ratio	Lower	Upper
106	100		
91	233.9	107.7	323.3



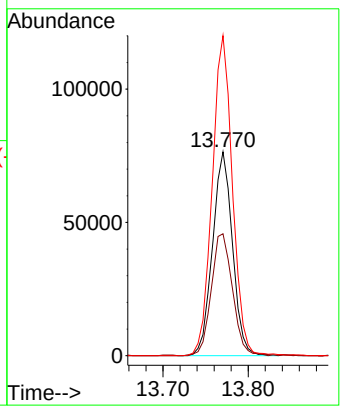


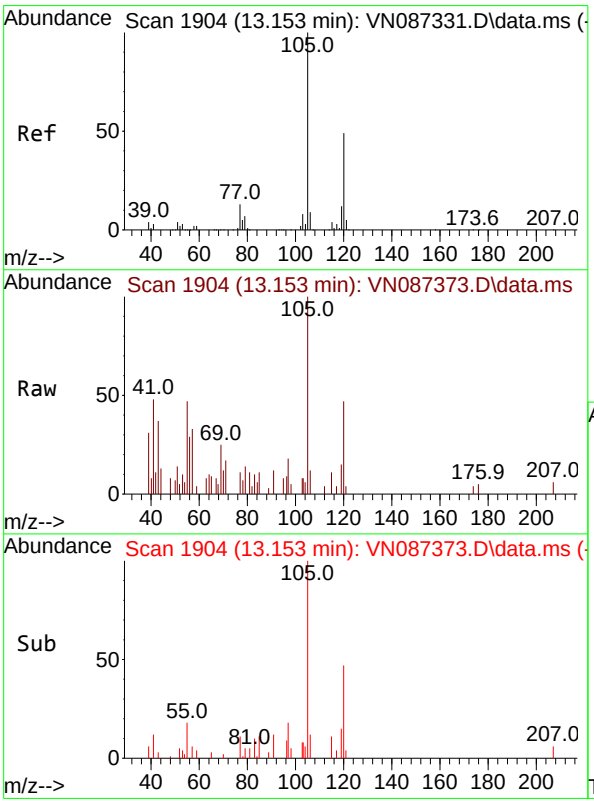
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:152 Resp: 124607

Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.1	93.5
150	158.8	0.0	349.0

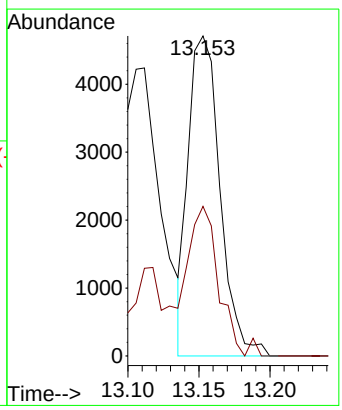


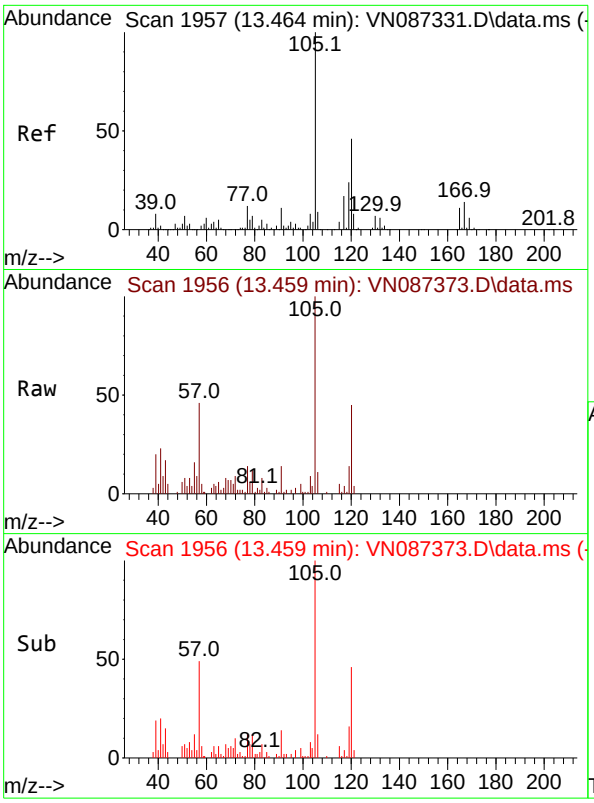


#80
1,3,5-Trimethylbenzene
Concen: 1.094 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion:105 Resp: 7307

Ion	Ratio	Lower	Upper
105	100		
120	43.8	24.3	72.8



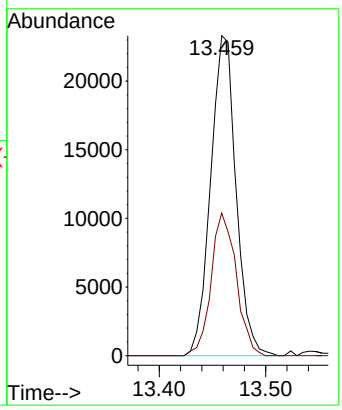


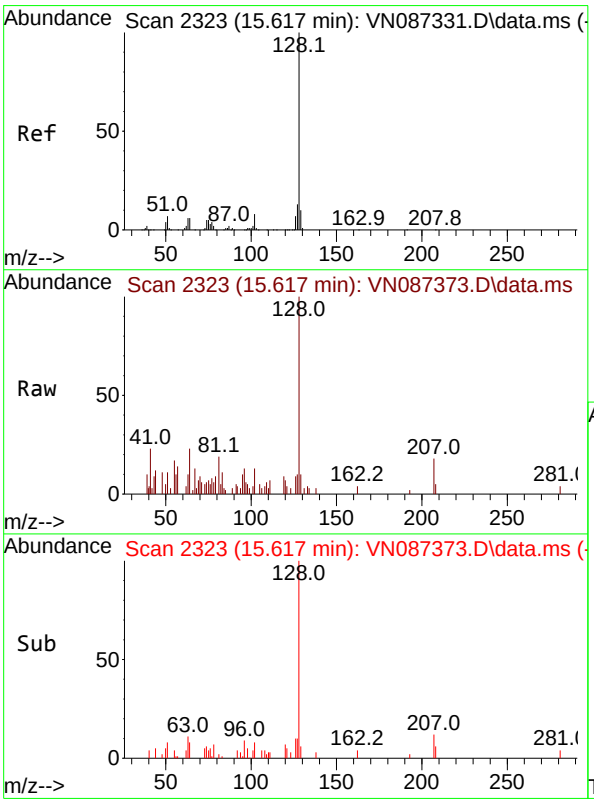
#84
1,2,4-Trimethylbenzene
Concen: 5.653 ug/l
RT: 13.459 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
FRAC TANK

Tgt Ion:105 Resp: 38577

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.8	68.3





#95
Naphthalene
Concen: 1.633 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087373.D
Acq: 21 Jul 2025 12:51

Tgt Ion:128 Resp: 12847

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	14.2	8.4	12.6#