Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086883.D
Acq On : 06 Jun 2025 21:44
Operator : JC\MD
Sample : Q2192-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Quant Time: Jun 07 02:32:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	411407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	713853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	612071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	296269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	234048	42.490	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.980%		
35) Dibromofluoromethane	8.177	113	204271	48.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	10.571	98	848659	50.674	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.340%		
62) 4-Bromofluorobenzene	12.847	95	298951	48.047	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.100%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.547	59	11923	7.977	ug/l #	83
16) Acetone	4.453	43	119433	40.887	ug/l	95
17) Carbon Disulfide	4.742	76	22269	1.758	ug/l	97
20) Methylene Chloride	5.306	84	19999	3.657	ug/l	94
40) Benzene	8.618	78	279336	13.551	ug/l	99
43) Isopropyl Acetate	8.700	43	33504	2.601	ug/l	94
52) Toluene	10.629	92	163883	13.009	ug/l	100
68) m/p-Xylenes	12.065	106	43211	4.855	ug/l	100
69) o-Xylene	12.394	106	34475	4.044	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	42608	2.384	ug/l	95
95) Naphthalene	15.635	128	2163149	97.270	ug/l	100

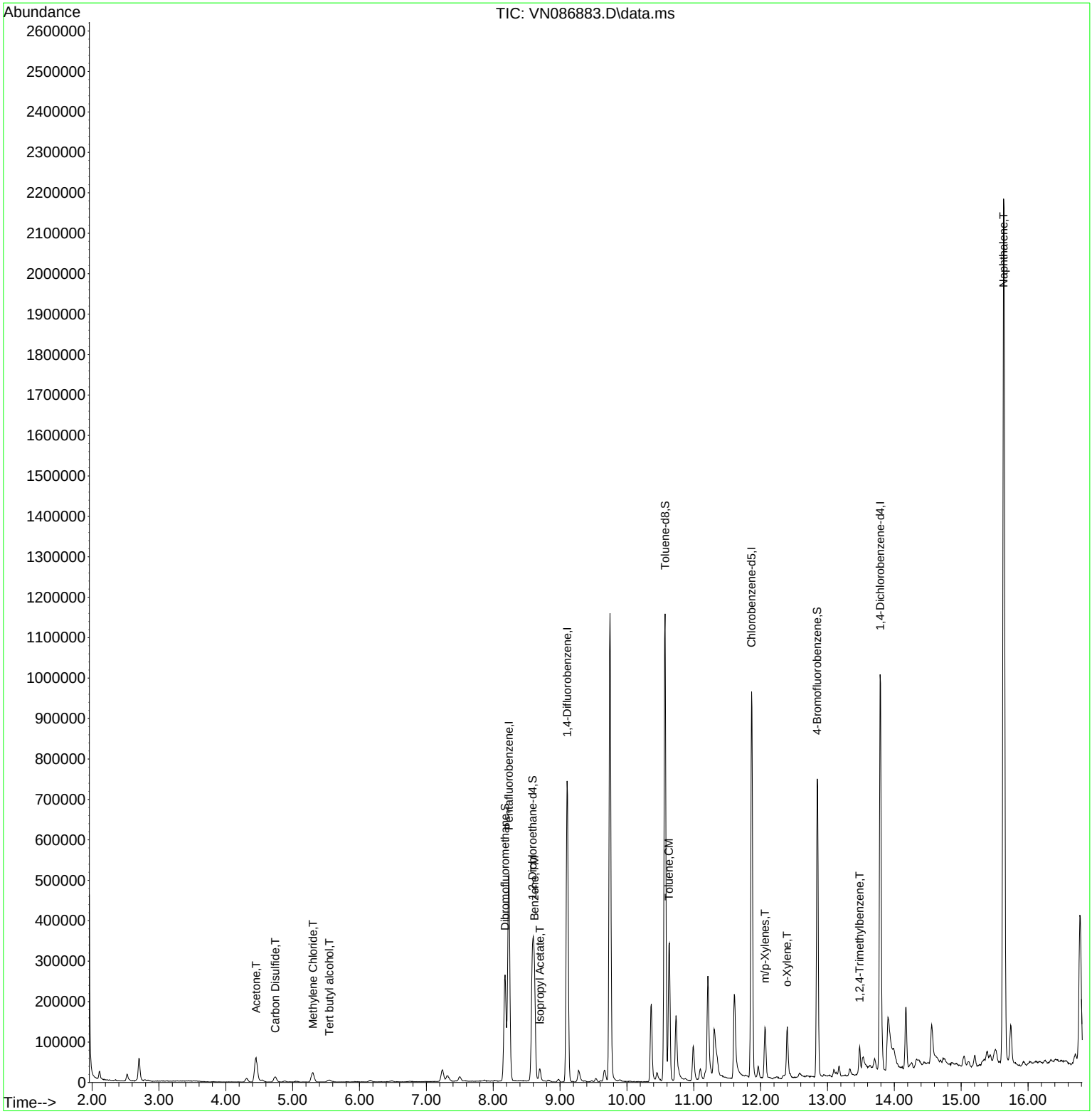
(#) = qualifier out of range (m) = manual integration (+) = signals summed

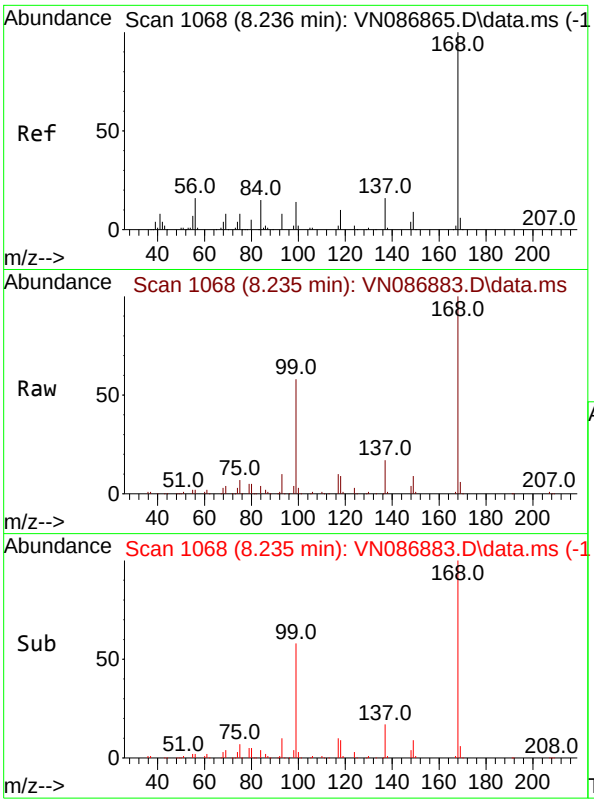
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086883.D
Acq On : 06 Jun 2025 21:44
Operator : JC\MD
Sample : Q2192-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Quant Time: Jun 07 02:32:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



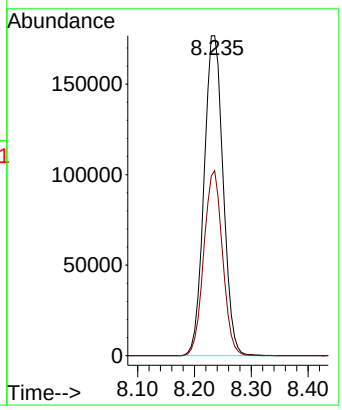


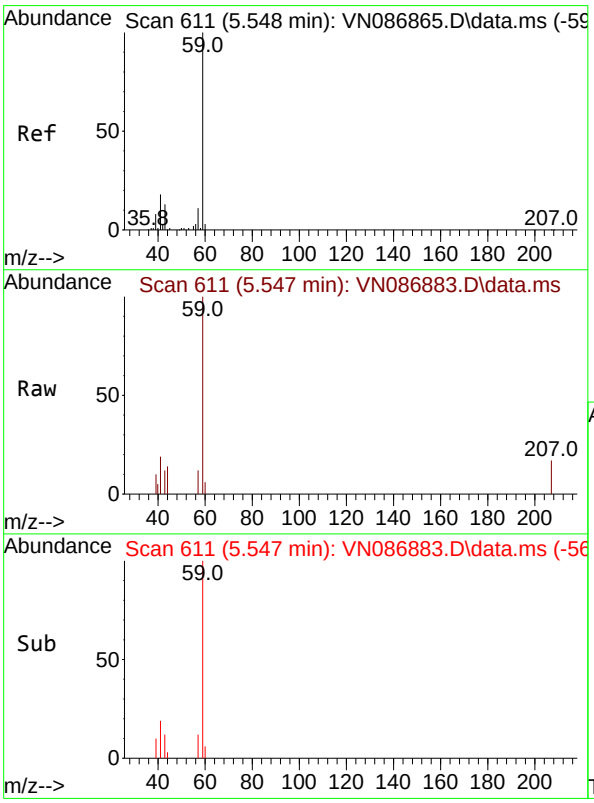
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion:168 Resp: 411407

Ion	Ratio	Lower	Upper
168	100		
99	57.8	49.1	73.7

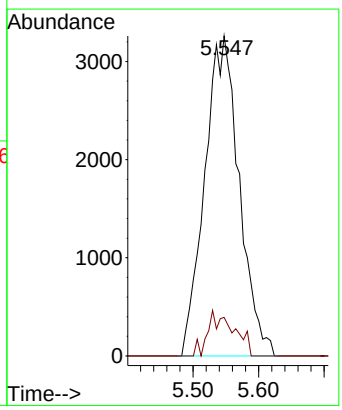


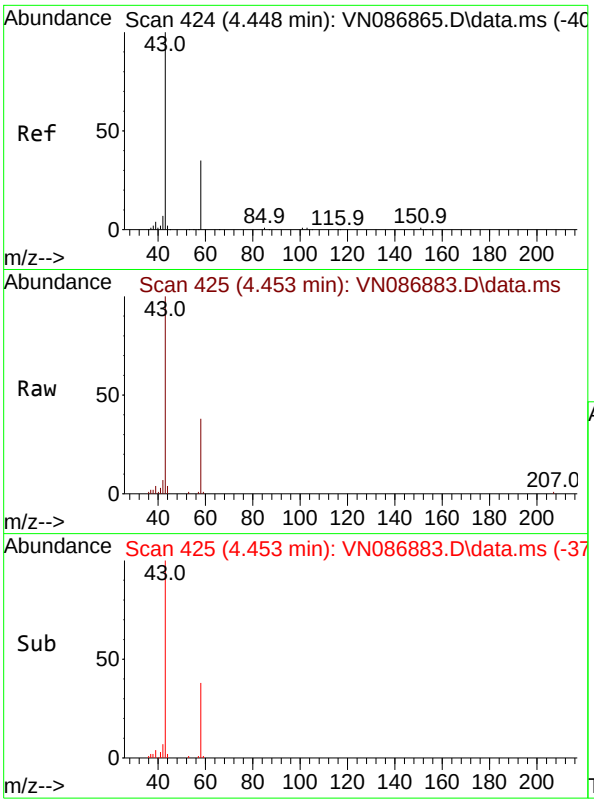


#11
Tert butyl alcohol
Concen: 7.977 ug/l
RT: 5.547 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Tgt Ion: 59 Resp: 11923

Ion	Ratio	Lower	Upper
59	100		
57	4.0	8.1	12.1#



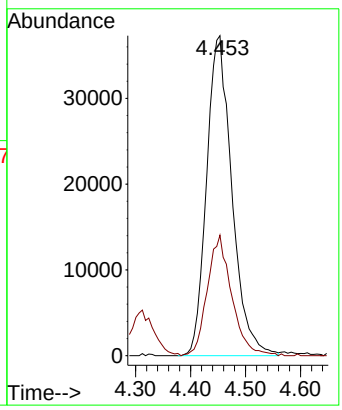


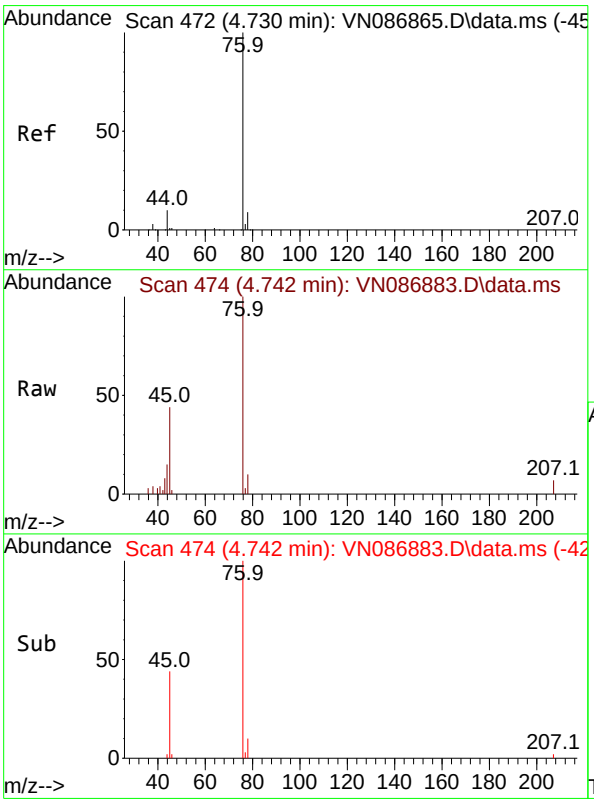
#16
Acetone
Concen: 40.887 ug/l
RT: 4.453 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion: 43 Resp: 119433

Ion	Ratio	Lower	Upper
43	100		
58	37.6	28.0	42.0

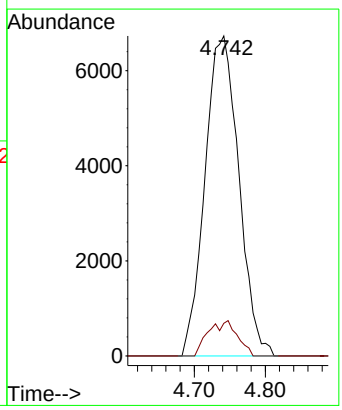


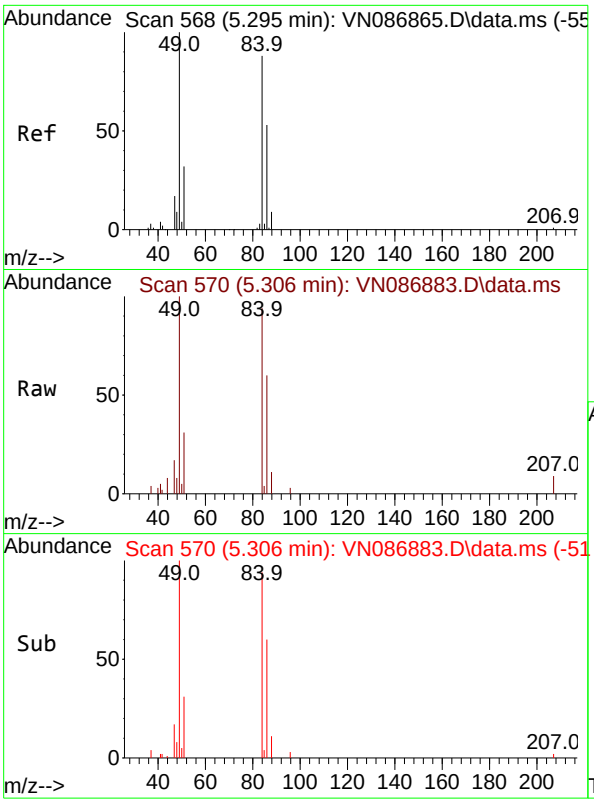


#17
Carbon Disulfide
Concen: 1.758 ug/l
RT: 4.742 min Scan# 474
Delta R.T. 0.012 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Tgt Ion: 76 Resp: 22269

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.3	10.9



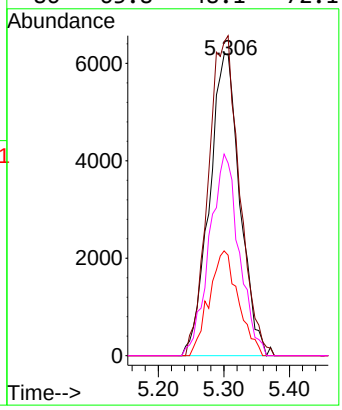


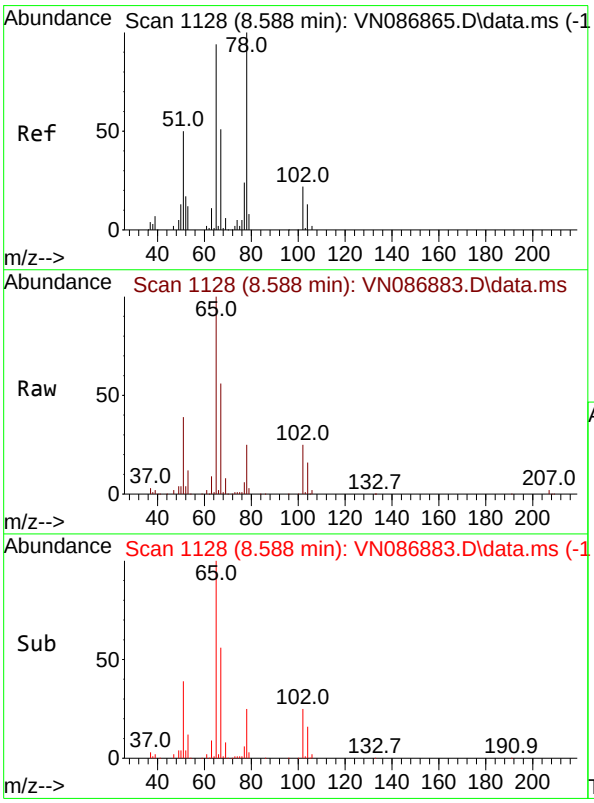
#20
Methylene Chloride
Concen: 3.657 ug/l
RT: 5.306 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion: 84 Resp: 19999

Ion	Ratio	Lower	Upper
84	100		
49	106.1	90.5	135.7
51	33.3	28.5	42.7
86	63.8	48.1	72.1

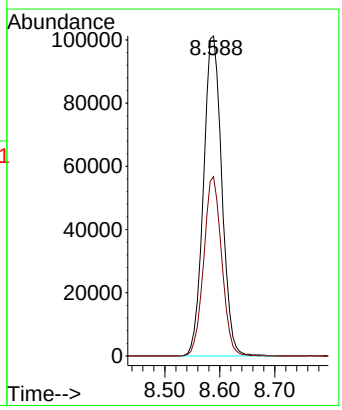


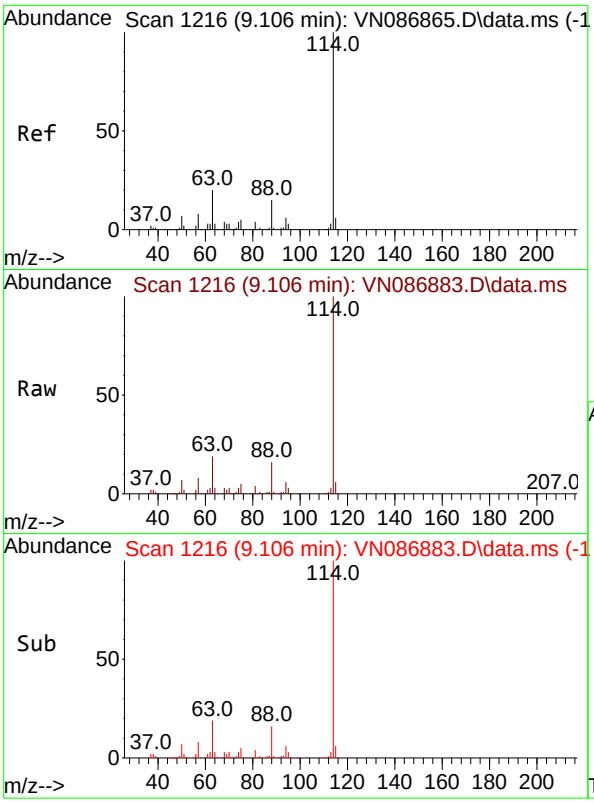


#33
1,2-Dichloroethane-d4
Concen: 42.490 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Tgt Ion: 65 Resp: 234048

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	105.6



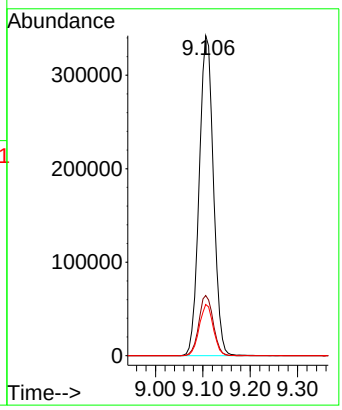


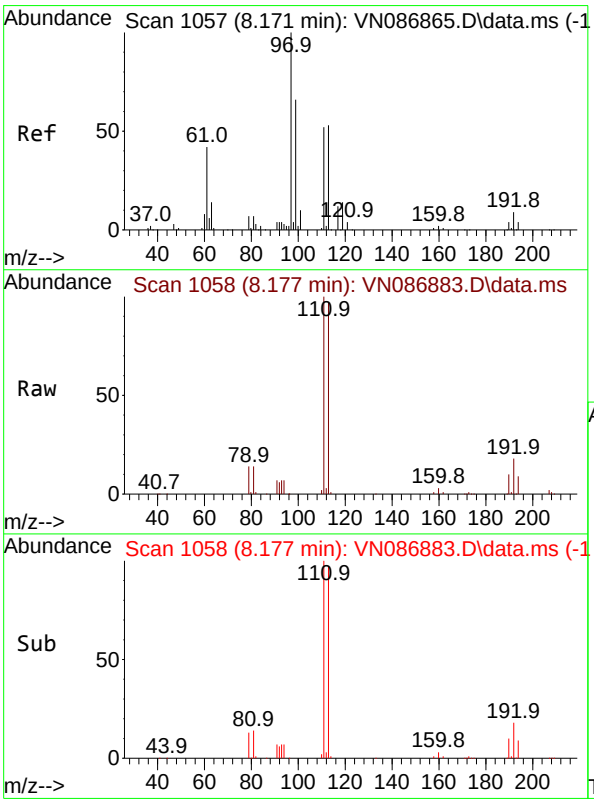
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion:114 Resp: 713853

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.6
88	16.0	0.0	30.2

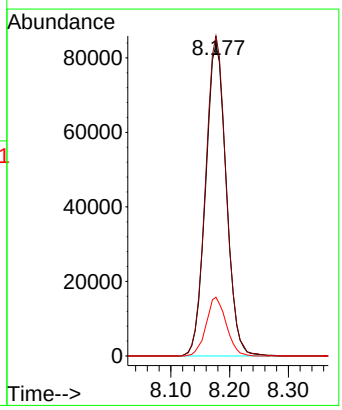


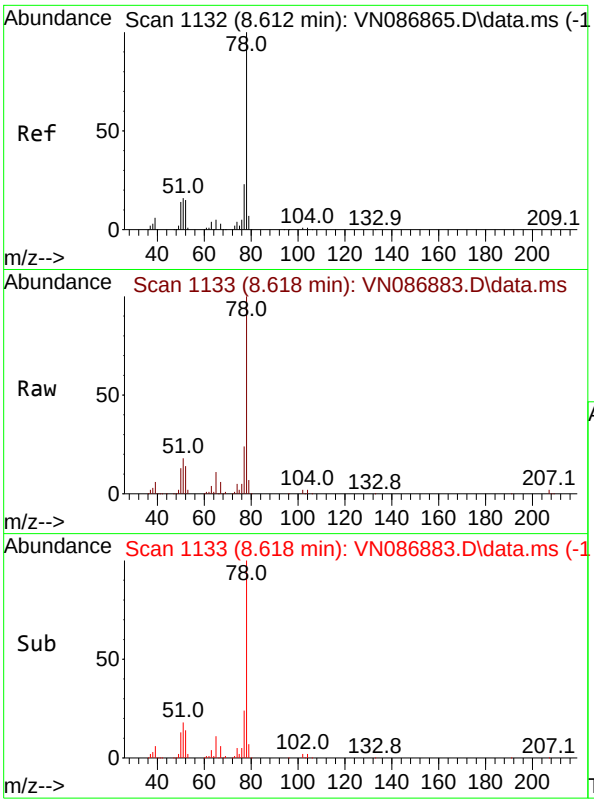


#35
Dibromofluoromethane
Concen: 48.286 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Tgt Ion:113 Resp: 204271

Ion	Ratio	Lower	Upper
113	100		
111	102.0	84.2	126.2
192	18.3	14.2	21.4



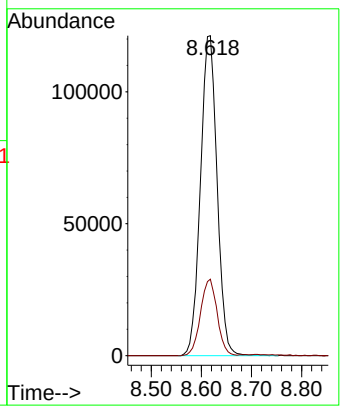


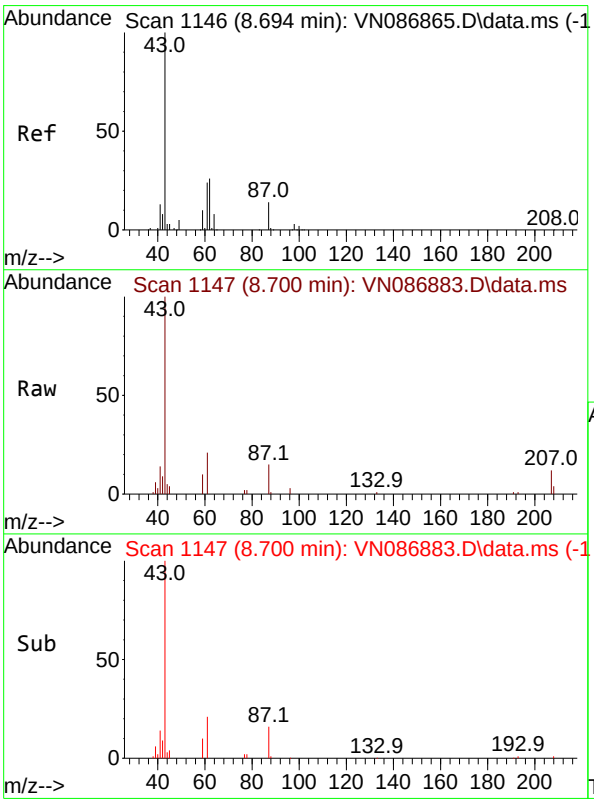
#40
Benzene
Concen: 13.551 ug/l
RT: 8.618 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion: 78 Resp: 279336

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1

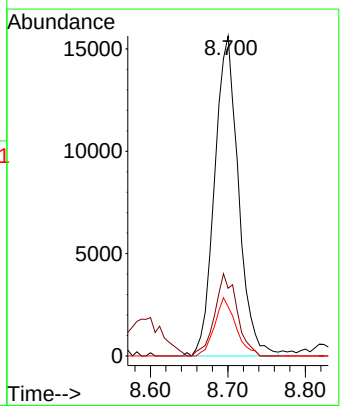


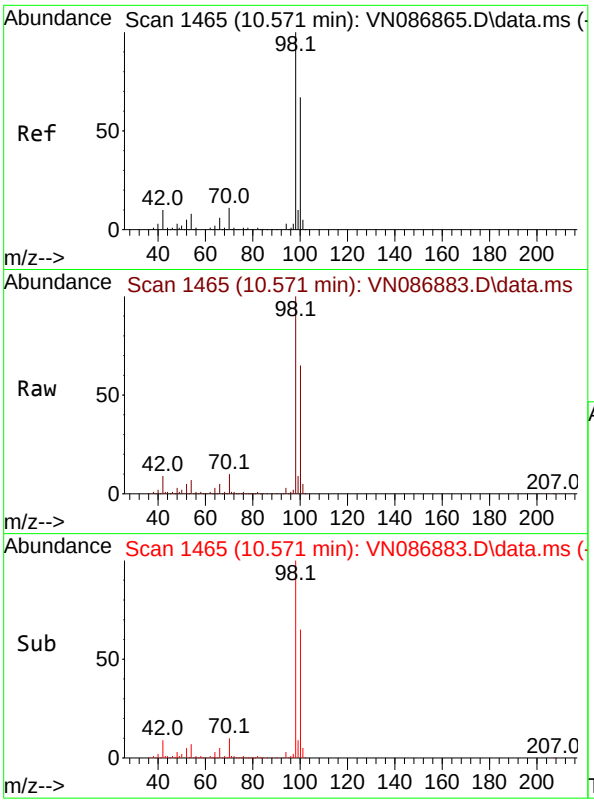


#43
Isopropyl Acetate
Concen: 2.601 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Tgt Ion: 43 Resp: 33504

Ion	Ratio	Lower	Upper
43	100		
61	24.0	22.1	33.1
87	16.0	11.8	17.6



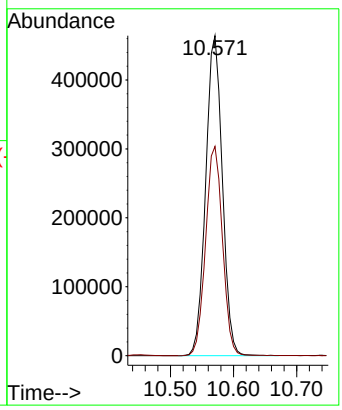


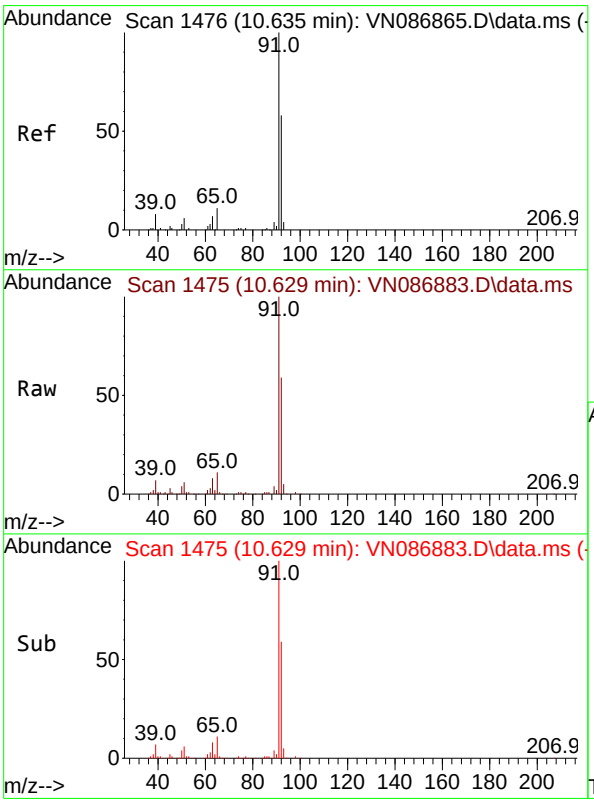
#50
Toluene-d8
Concen: 50.674 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion: 98 Resp: 848659

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.4	80.0

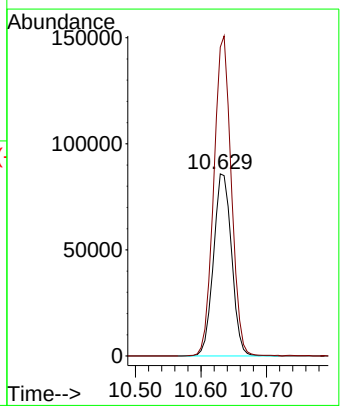


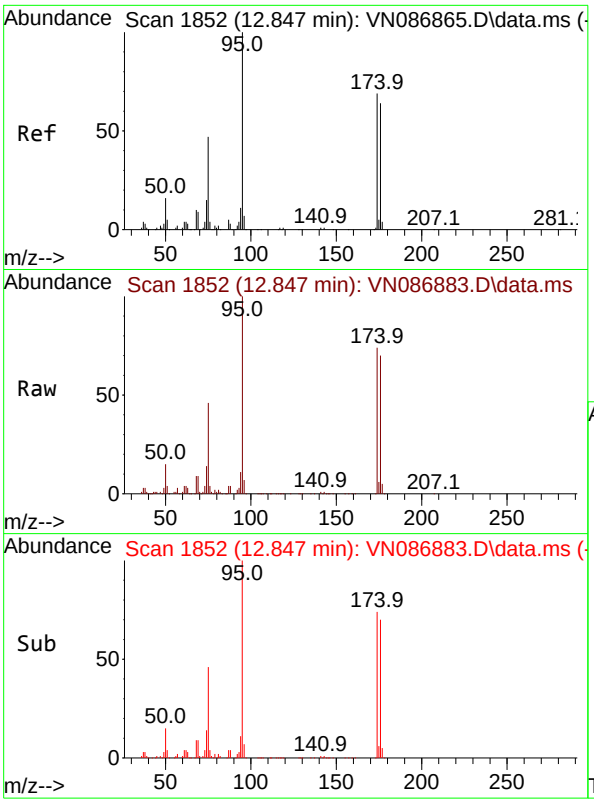


#52
Toluene
Concen: 13.009 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Tgt Ion: 92 Resp: 163883

Ion	Ratio	Lower	Upper
92	100		
91	170.3	136.5	204.7



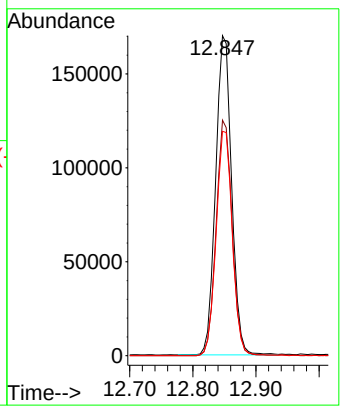


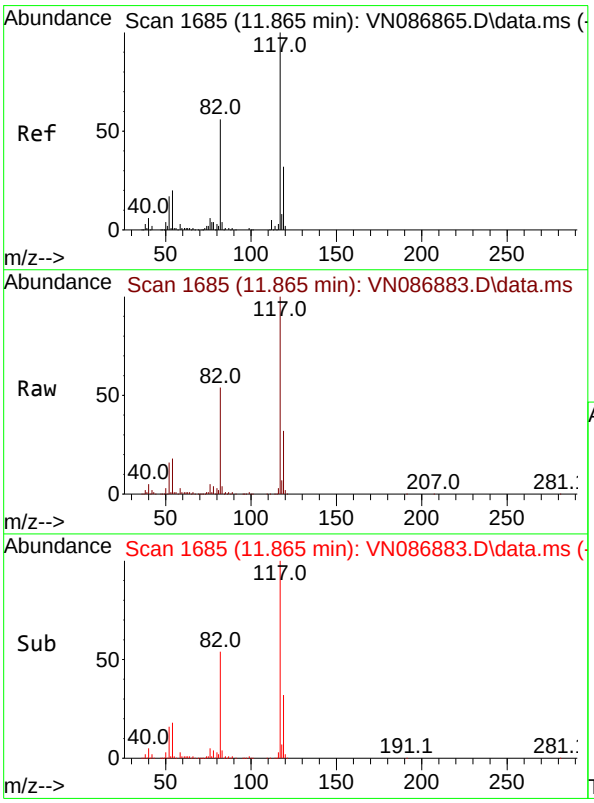
#62
4-Bromofluorobenzene
Concen: 48.047 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion: 95 Resp: 298951

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	141.8
176	71.3	0.0	132.6

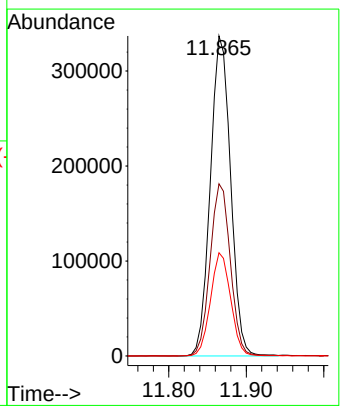


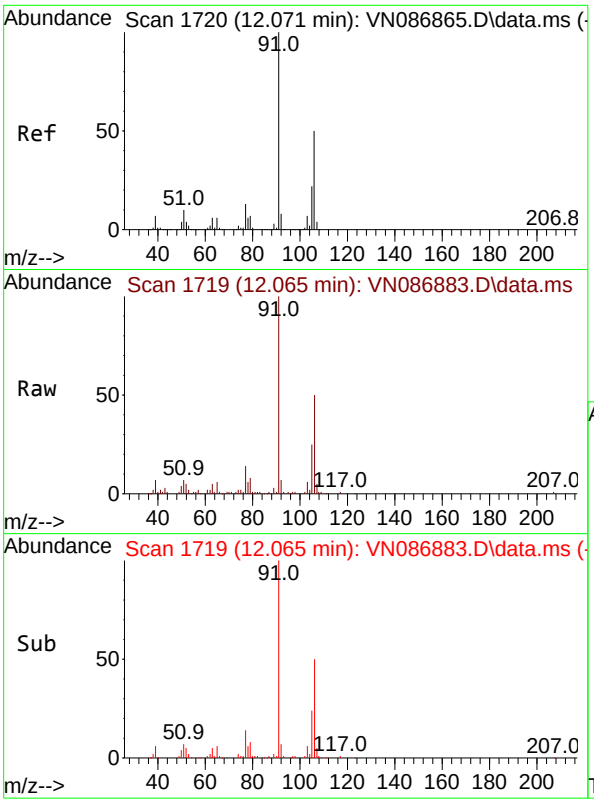


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Tgt Ion:117 Resp: 612071

Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.6	67.0
119	32.3	25.5	38.3



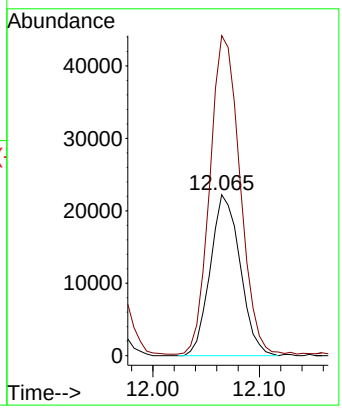


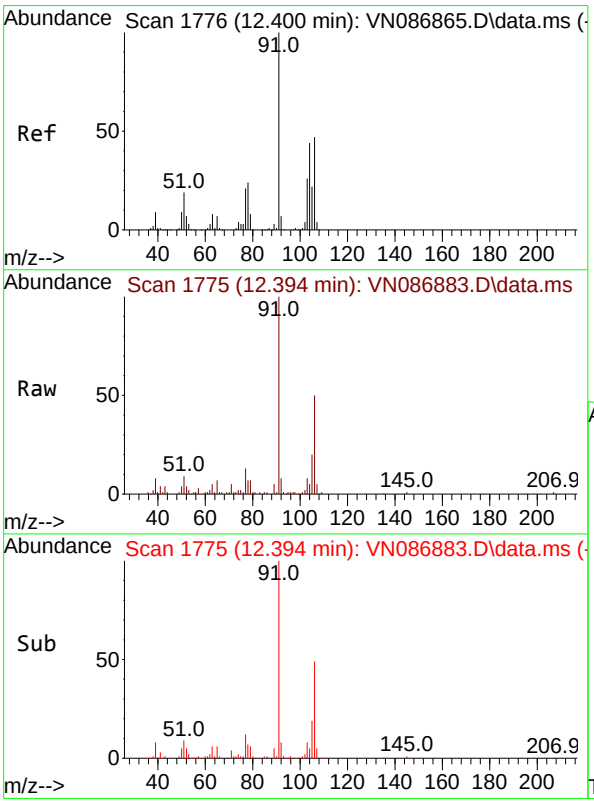
#68
m/p-Xylenes
Concen: 4.855 ug/l
RT: 12.065 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion:106 Resp: 43211

Ion	Ratio	Lower	Upper
106	100		
91	199.7	159.4	239.0

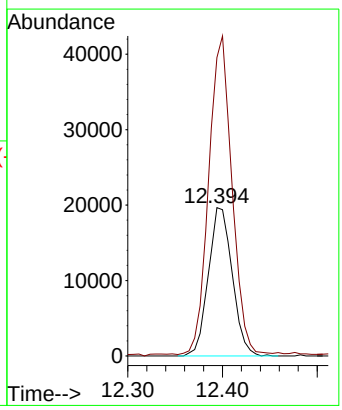


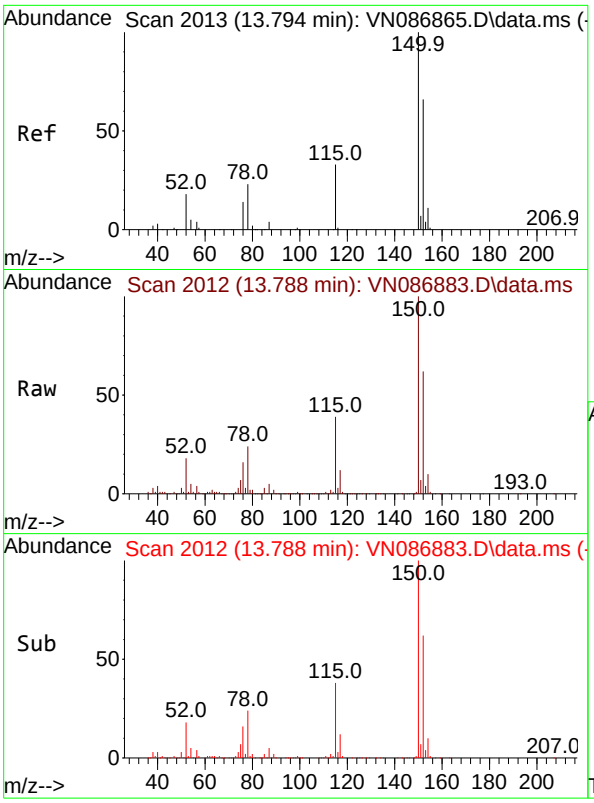


#69
o-Xylene
Concen: 4.044 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Tgt Ion:106 Resp: 34475

Ion	Ratio	Lower	Upper
106	100		
91	209.1	106.1	318.1



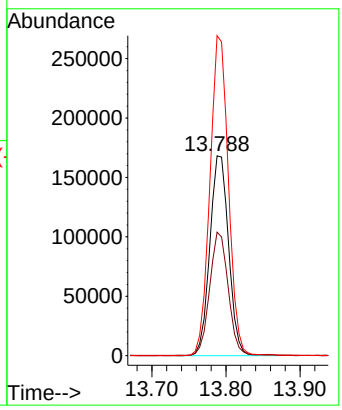


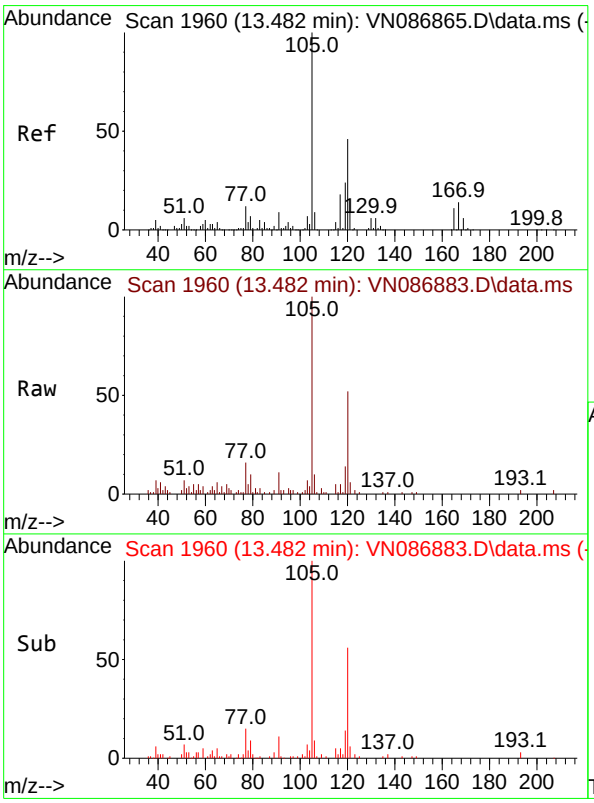
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion:152 Resp: 296269

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.1	90.5
150	157.5	0.0	345.0

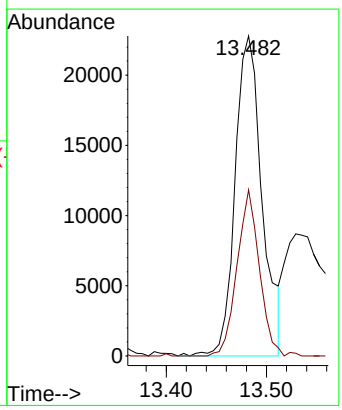


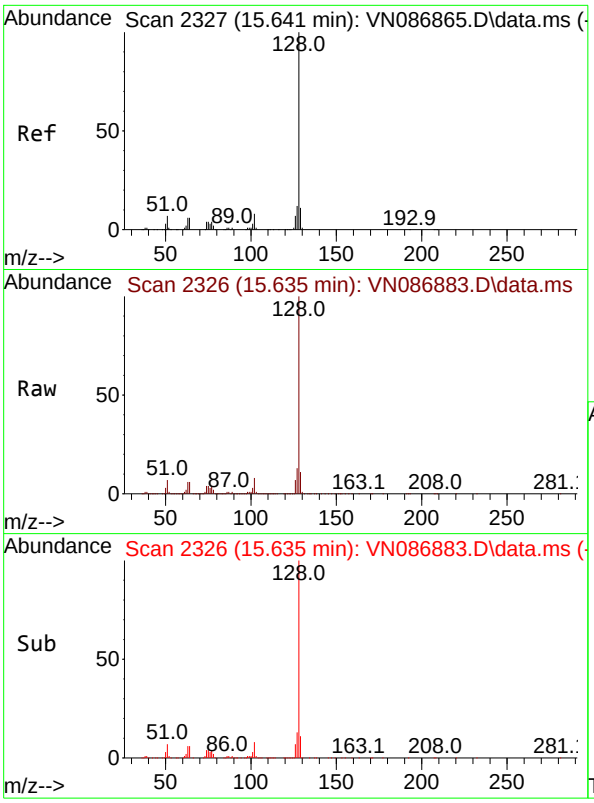


#84
1,2,4-Trimethylbenzene
Concen: 2.384 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Tgt Ion:105 Resp: 42608

Ion	Ratio	Lower	Upper
105	100		
120	43.2	23.2	69.6





#95
Naphthalene
Concen: 97.270 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086883.D
Acq: 06 Jun 2025 21:44

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion:128 Resp: 2163149

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2