Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
Data File : VN085715.D
Acq On : 07 Feb 2025 22:42
Operator : JC\MD
Sample : Q1293-01 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

Quant Time: Feb 08 00:45:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	204658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	414702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	351300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178295	53.970	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.940%			
35) Dibromofluoromethane	8.165	113	147707	51.340	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	10.565	98	488880	47.826	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.660%			
62) 4-Bromofluorobenzene	12.847	95	144852	41.426	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 82.860%			
Target Compounds						Qvalue
16) Acetone	4.442	43	5548	5.198	ug/l	93
18) Methyl Acetate	5.024	43	2912	0.897	ug/l #	65
19) Methyl tert-butyl Ether	5.795	73	3433	0.481	ug/l #	90
40) Benzene	8.600	78	16212	1.336	ug/l	96
52) Toluene	10.630	92	26923	3.830	ug/l	97
67) Ethyl Benzene	11.965	91	5638	0.450	ug/l	96
68) m/p-Xylenes	12.065	106	5778	1.247	ug/l	98
69) o-Xylene	12.394	106	3244	0.733	ug/l	93
80) 1,3,5-Trimethylbenzene	13.171	105	2067	0.267	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	7199	0.933	ug/l	96

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

Quantitation Report (LSC Reviewed)

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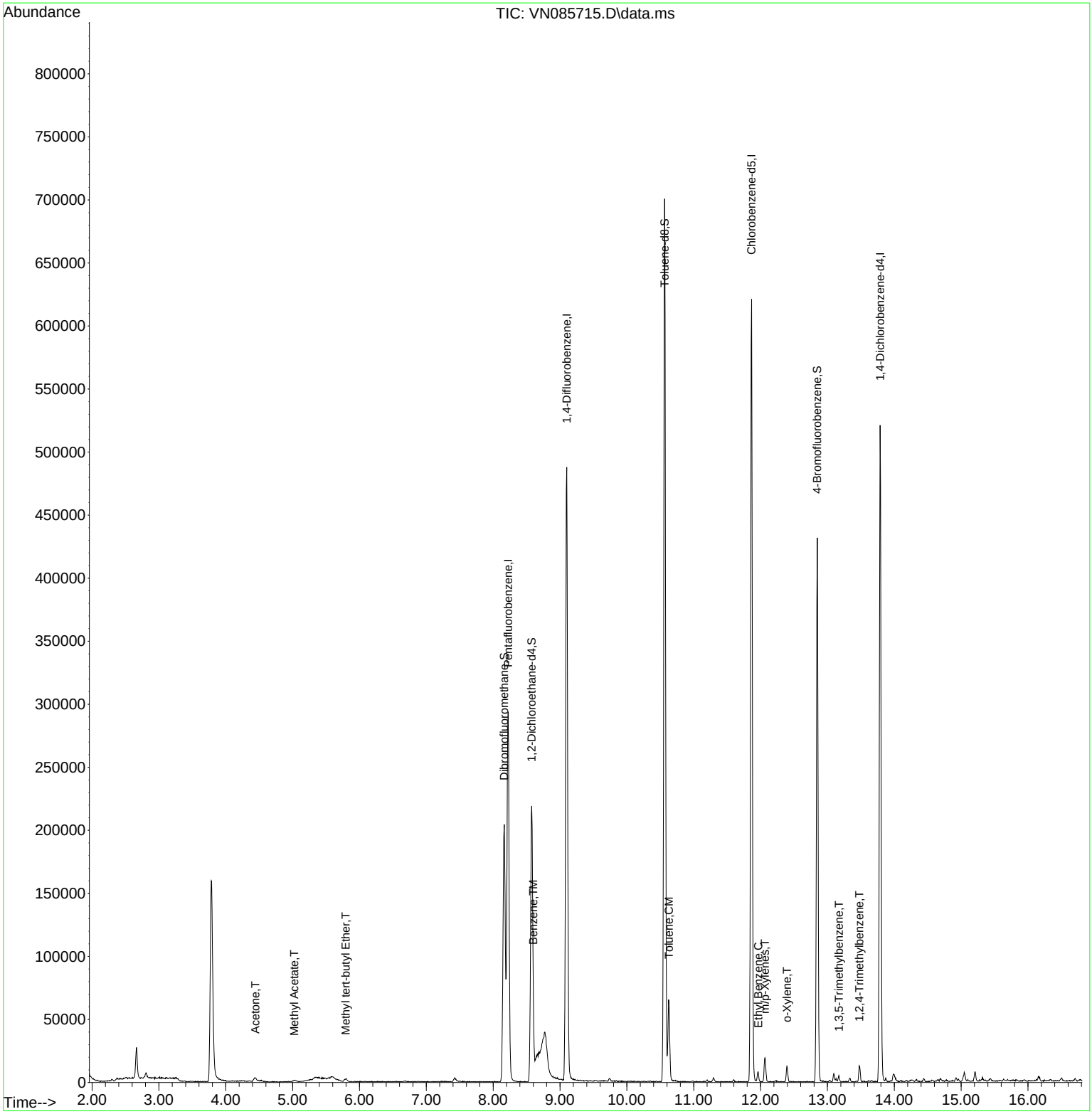
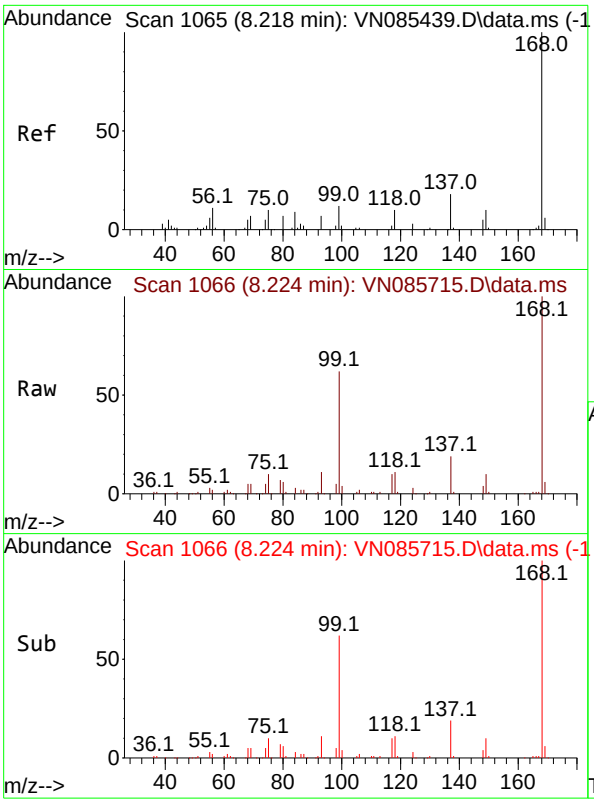
Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

Quant Time: Feb 08 00:45:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



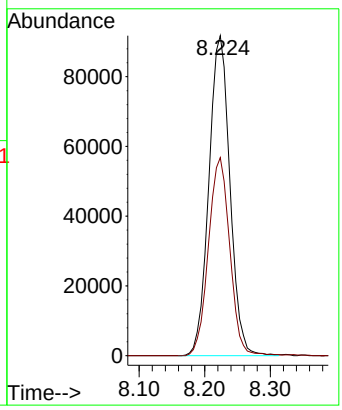


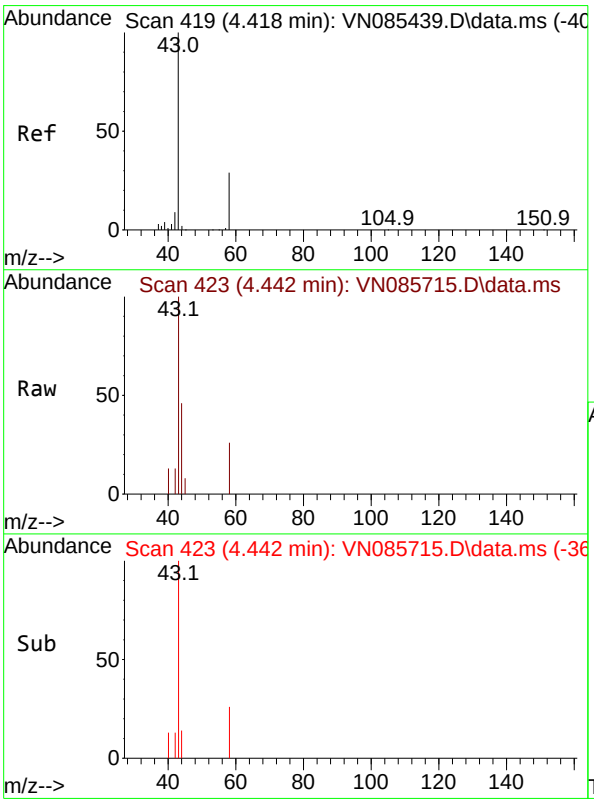
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

Tgt Ion:168 Resp: 204658

Ion	Ratio	Lower	Upper
168	100		
99	61.9	53.6	80.4

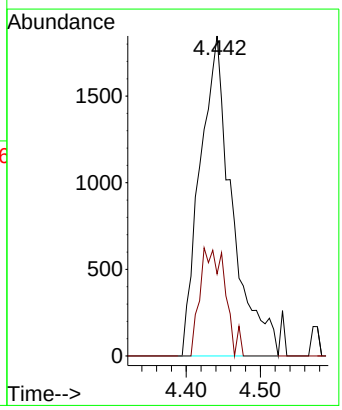


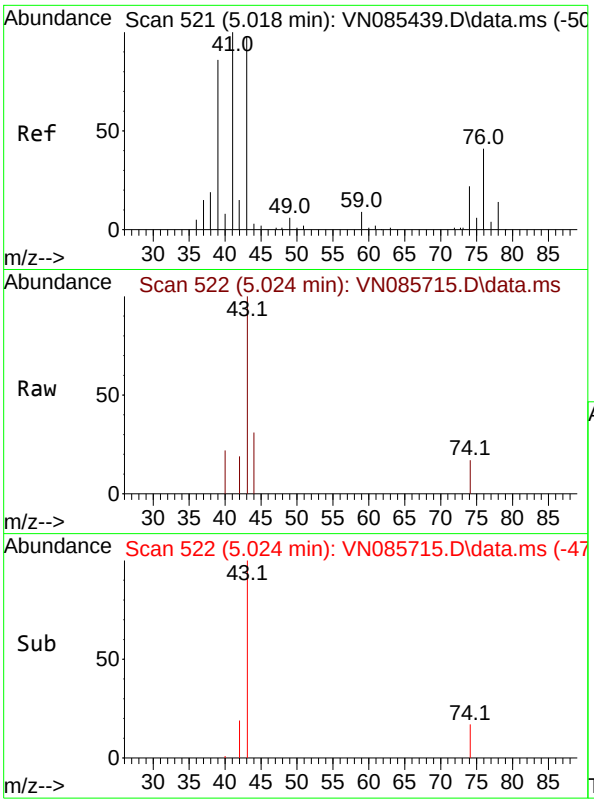


#16
Acetone
Concen: 5.198 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.024 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Tgt Ion: 43 Resp: 5548

Ion	Ratio	Lower	Upper
43	100		
58	25.7	23.8	35.6



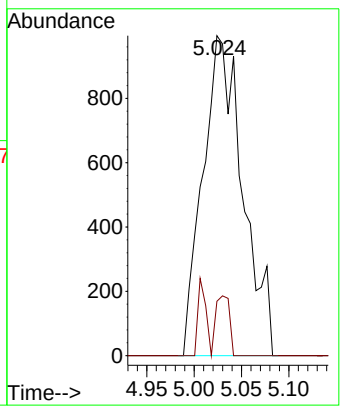


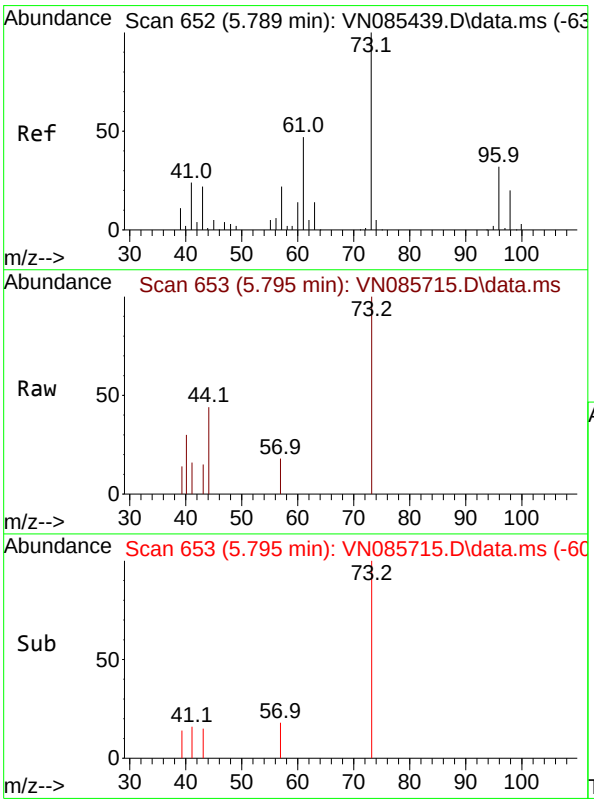
#18
Methyl Acetate
Concen: 0.897 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

Tgt Ion: 43 Resp: 2912

Ion	Ratio	Lower	Upper
43	100		
74	6.5	18.6	28.0#

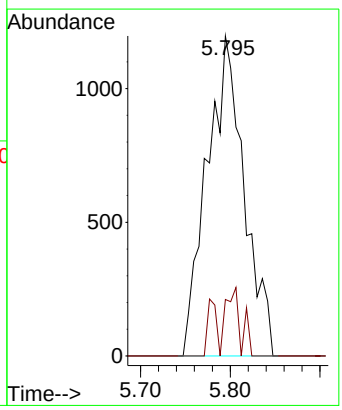


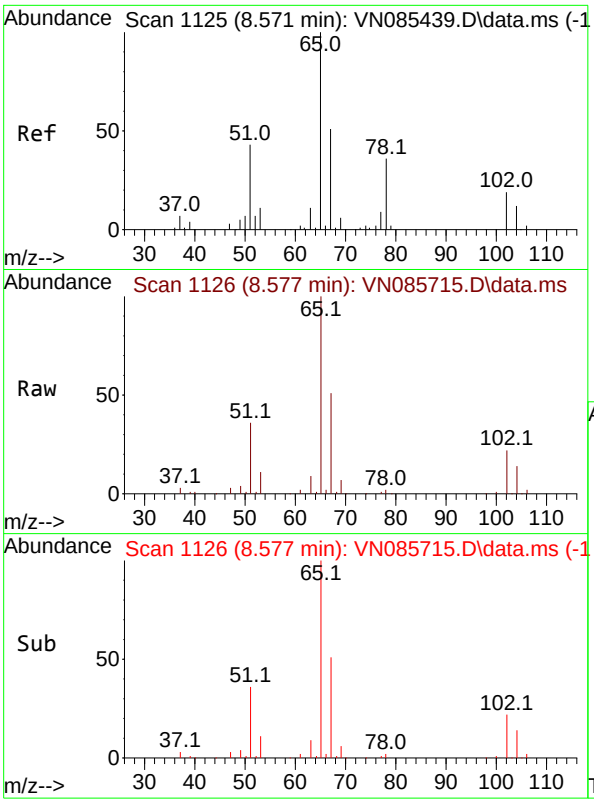


#19
Methyl tert-butyl Ether
Concen: 0.481 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Tgt Ion: 73 Resp: 3433

Ion	Ratio	Lower	Upper
73	100		
57	17.6	17.8	26.8#



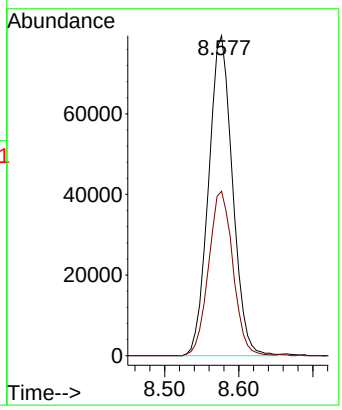


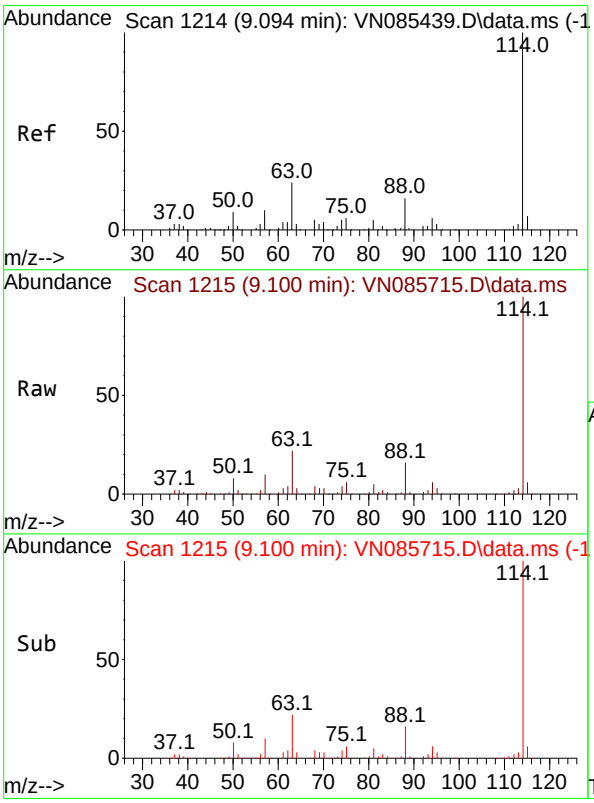
#33
1,2-Dichloroethane-d4
Concen: 53.970 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

Tgt Ion: 65 Resp: 178295

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	101.6

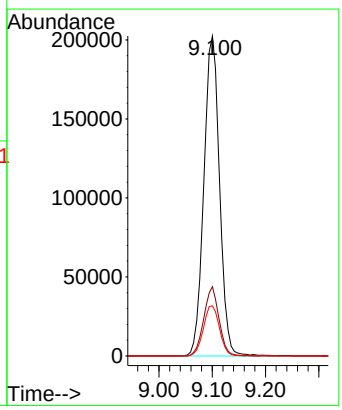


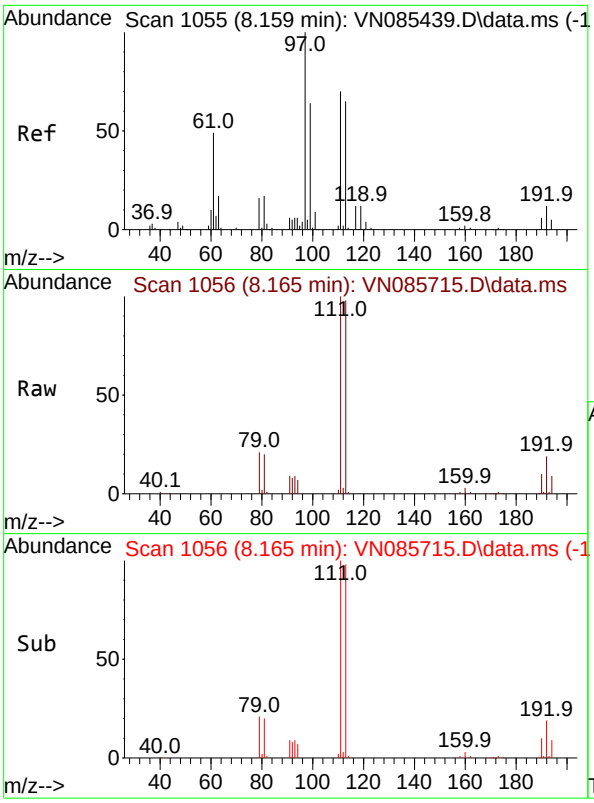


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Tgt Ion:114 Resp: 414702

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	47.6
88	15.7	0.0	32.6



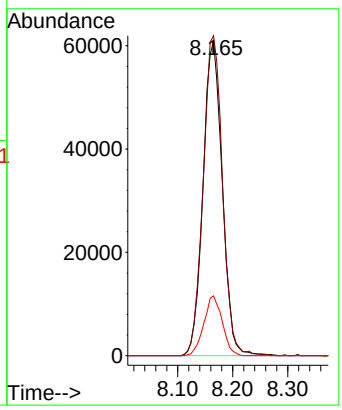


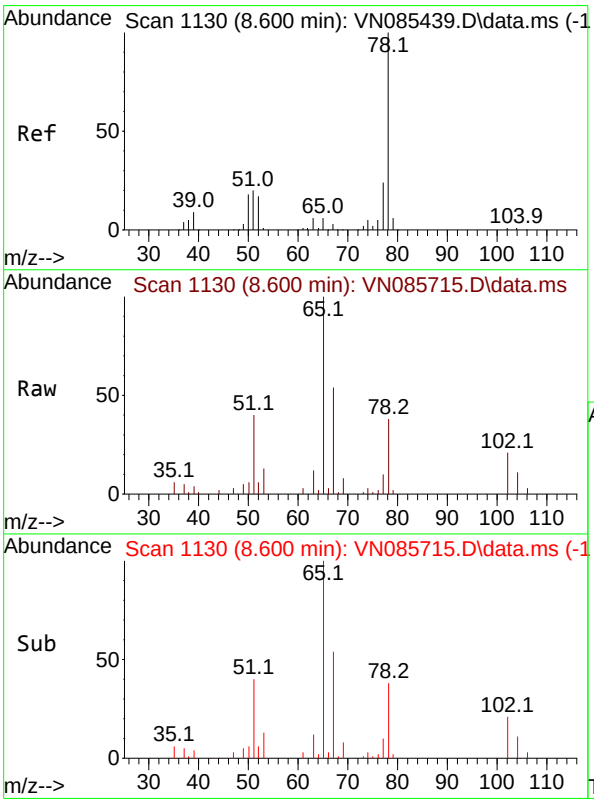
#35
Dibromofluoromethane
Concen: 51.340 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

Tgt Ion:113 Resp: 147707

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	18.2	14.3	21.5

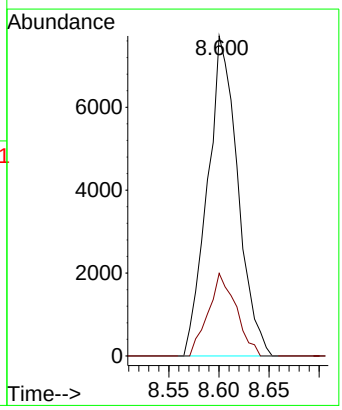


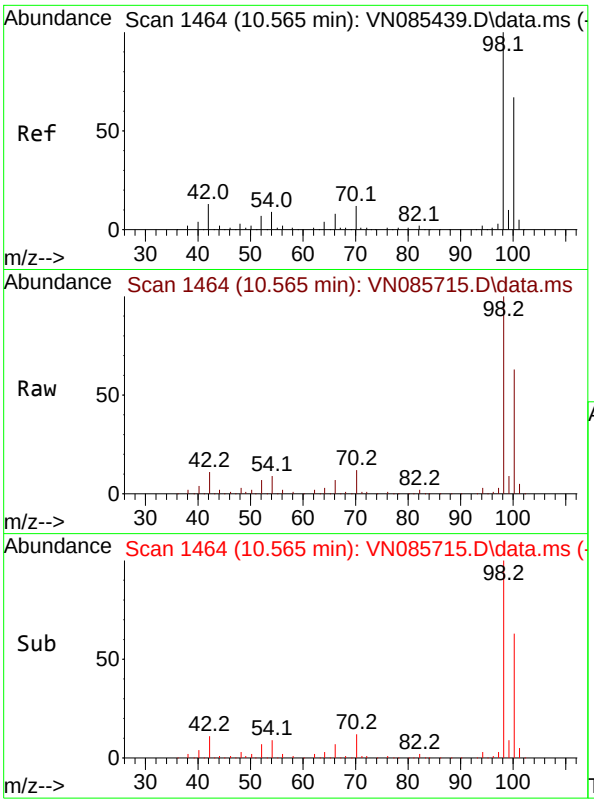


#40
Benzene
Concen: 1.336 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Tgt Ion: 78 Resp: 16212

Ion	Ratio	Lower	Upper
78	100		
77	25.8	19.0	28.6



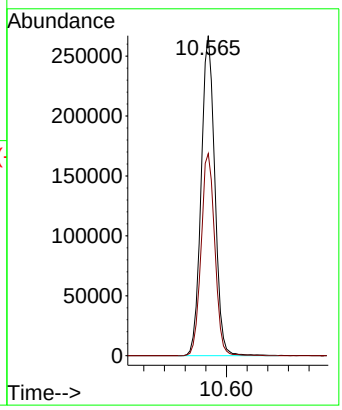


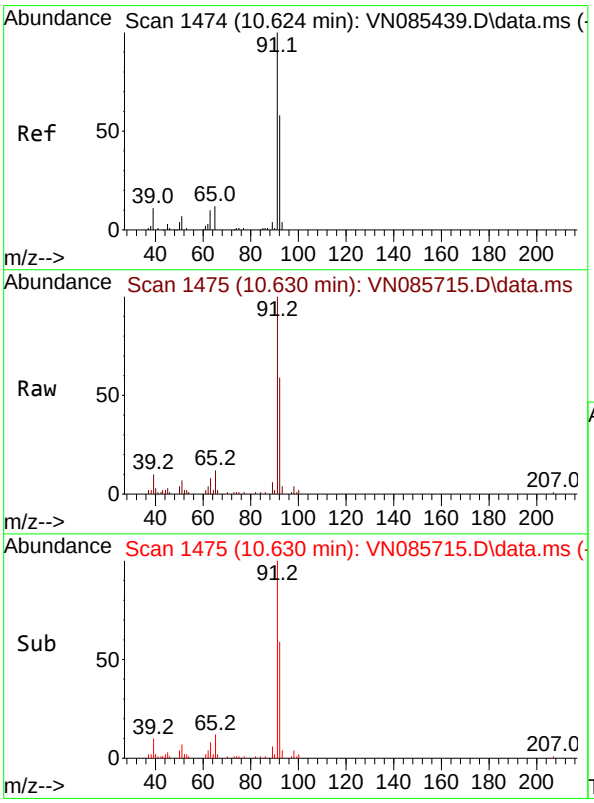
#50
Toluene-d8
Concen: 47.826 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

Tgt Ion: 98 Resp: 488880

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.2	78.4

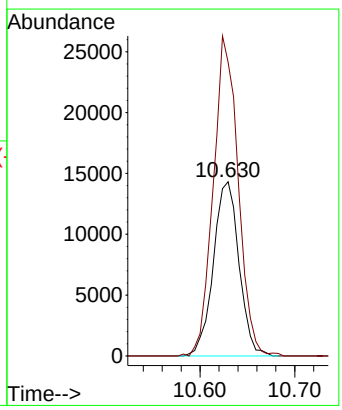


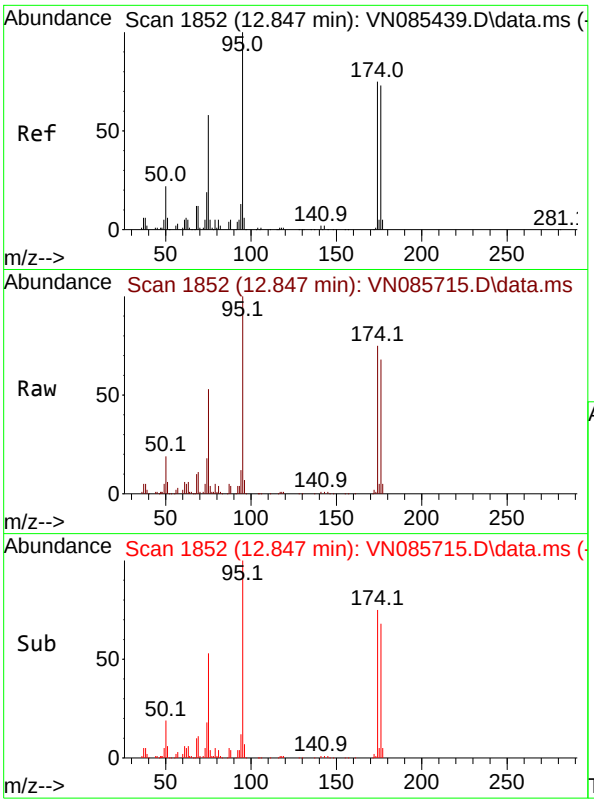


#52
Toluene
Concen: 3.830 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Tgt Ion: 92 Resp: 26923

Ion	Ratio	Lower	Upper
92	100		
91	177.7	139.2	208.8



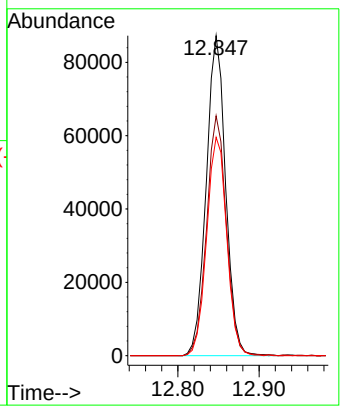


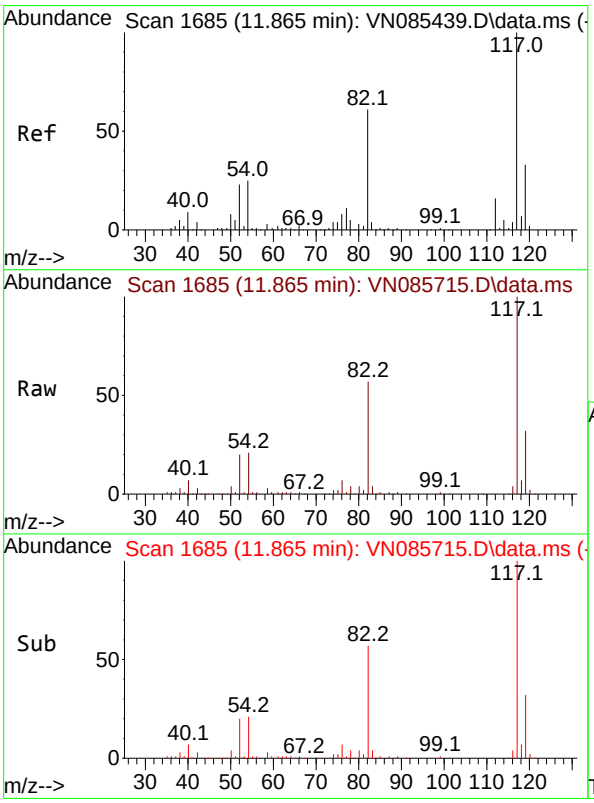
#62
4-Bromofluorobenzene
Concen: 41.426 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

Tgt Ion: 95 Resp: 144852

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	145.0
176	70.4	0.0	142.4

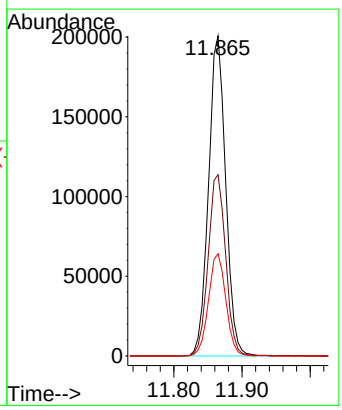


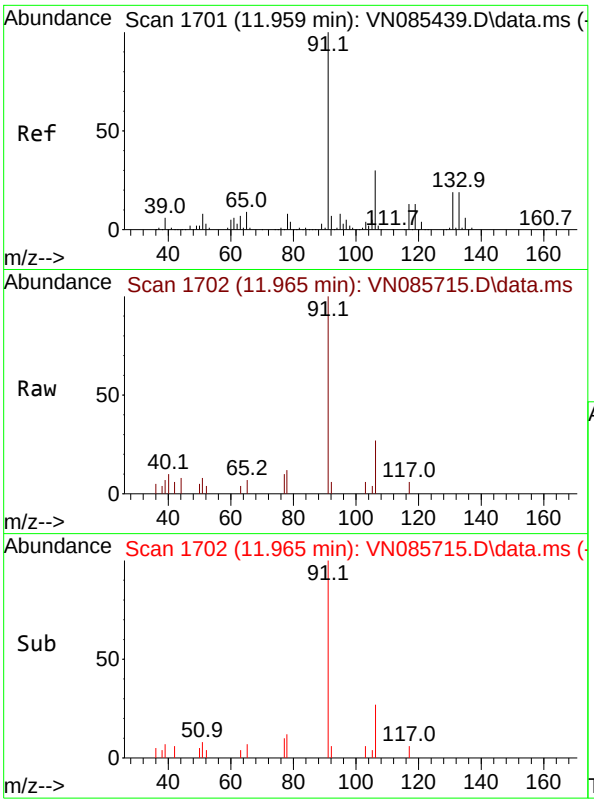


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Tgt Ion:117 Resp: 351300

Ion	Ratio	Lower	Upper
117	100		
82	56.7	48.6	72.8
119	32.0	26.6	39.8



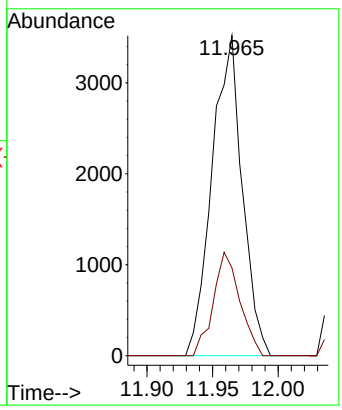


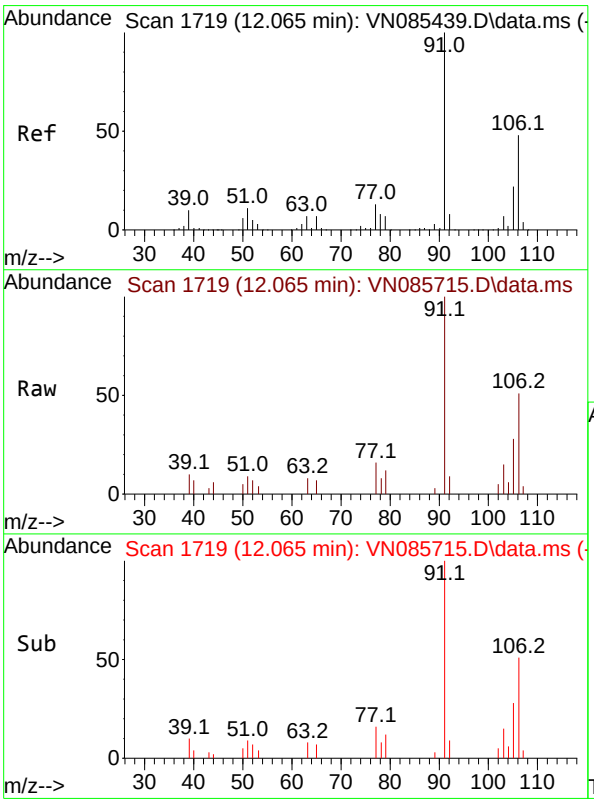
#67
Ethyl Benzene
Concen: 0.450 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

Tgt Ion: 91 Resp: 5638

Ion	Ratio	Lower	Upper
91	100		
106	27.4	23.8	35.8

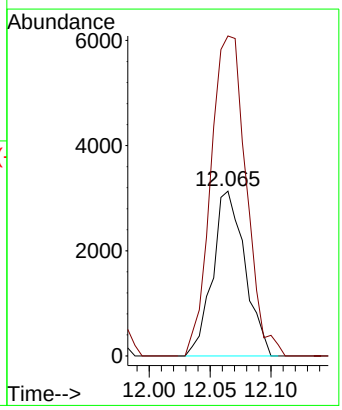


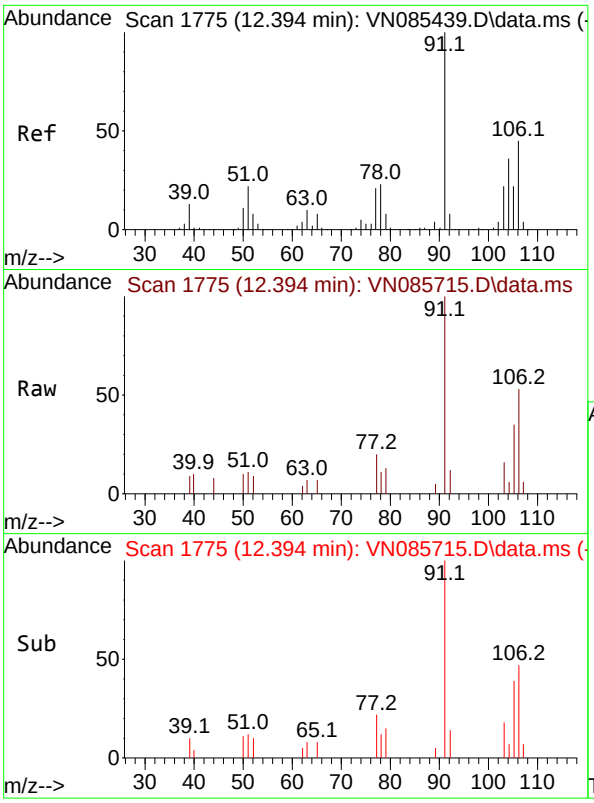


#68
m/p-Xylenes
Concen: 1.247 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Tgt Ion:106 Resp: 5778

Ion	Ratio	Lower	Upper
106	100		
91	212.9	167.7	251.5



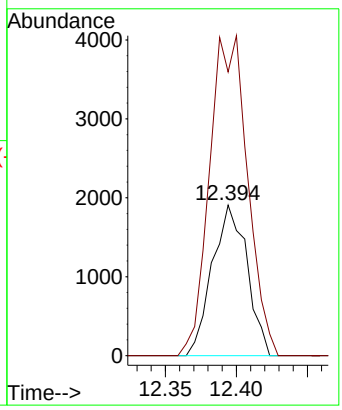


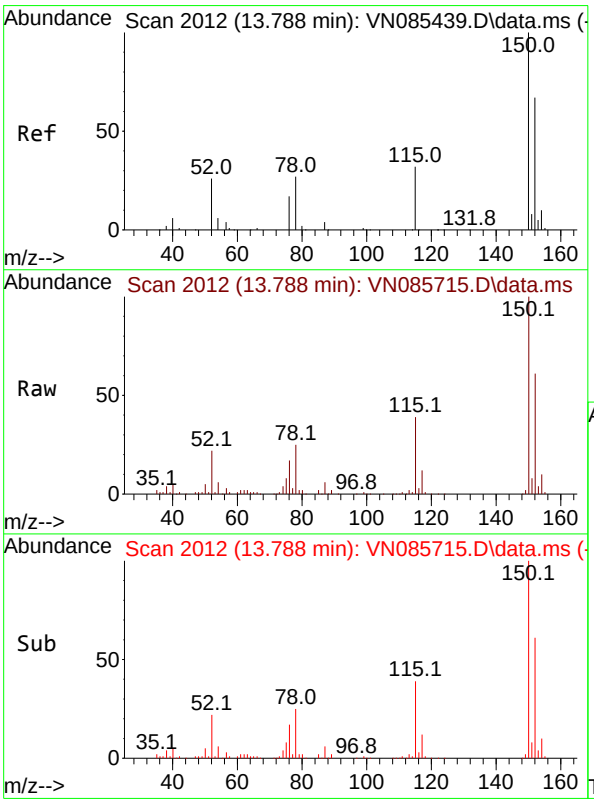
#69
o-Xylene
Concen: 0.733 ug/l
RT: 12.394 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

Tgt Ion:106 Resp: 3244

Ion	Ratio	Lower	Upper
106	100		
91	232.6	110.4	331.2

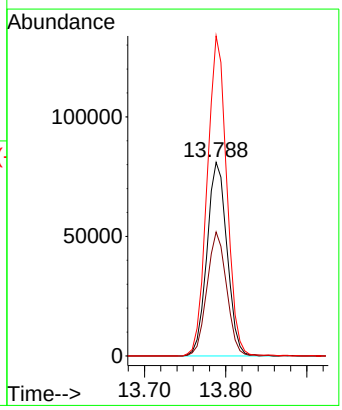


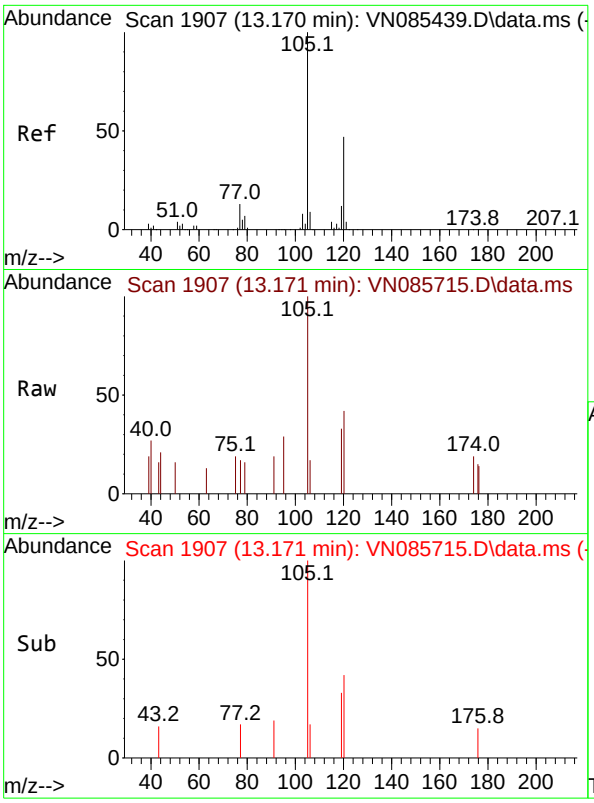


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Tgt Ion:152 Resp: 138876

Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.1	93.3
150	160.8	0.0	343.6



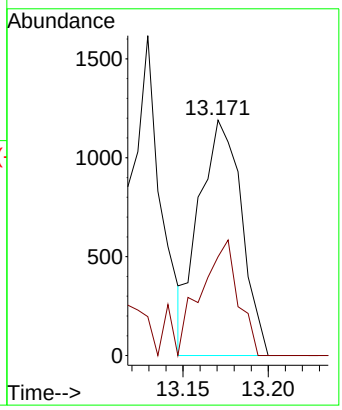


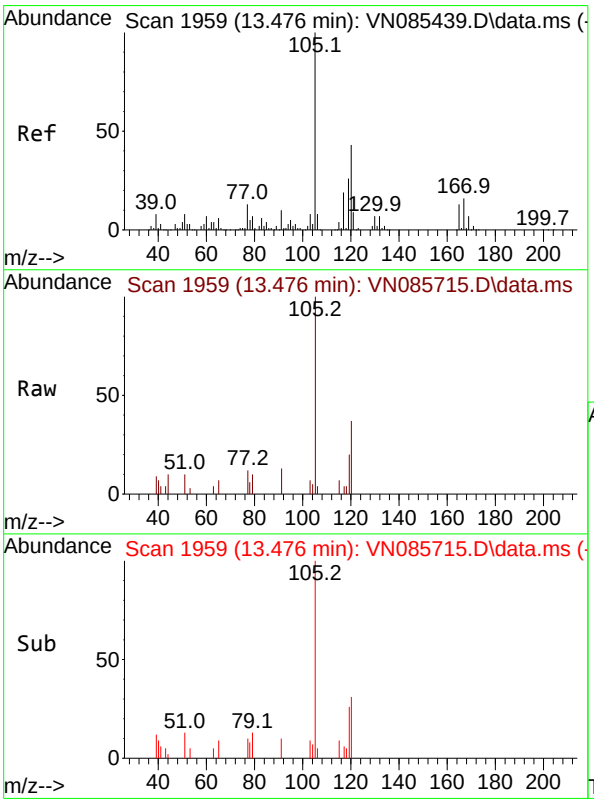
#80
1,3,5-Trimethylbenzene
Concen: 0.267 ug/l
RT: 13.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

Tgt Ion:105 Resp: 2067

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.9	71.7





#84
1,2,4-Trimethylbenzene
Concen: 0.933 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085715.D
Acq: 07 Feb 2025 22:42

Tgt Ion:105 Resp: 7199

Ion	Ratio	Lower	Upper
105	100		
120	46.1	21.6	65.0