Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086518.D
Acq On : 06 May 2025 16:35
Operator : JC\MD
Sample : Q1914-06ME
Misc : 7.35g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Quant Time: May 07 02:56:40 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	169551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	319127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	118170	48.063	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.120%			
35) Dibromofluoromethane	8.159	113	82669	55.816	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.640%			
50) Toluene-d8	10.565	98	411619	52.000	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.000%			
62) 4-Bromofluorobenzene	12.847	95	138696	48.038	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.080%			
Target Compounds						Qvalue
20) Methylene Chloride	5.259	84	2266	0.997	ug/l #	85
31) Cyclohexane	8.247	56	18078	4.537	ug/l #	80
39) Methylcyclohexane	9.594	83	38749	11.020	ug/l	95
40) Benzene	8.600	78	21989	2.320	ug/l	96
52) Toluene	10.624	92	35726	6.041	ug/l	99
67) Ethyl Benzene	11.959	91	338116	28.218	ug/l	99
68) m/p-Xylenes	12.065	106	373004	83.080	ug/l	97
69) o-Xylene	12.394	106	139720	31.468	ug/l	99
73) Isopropylbenzene	12.694	105	72467	6.755	ug/l	99
78) n-propylbenzene	13.029	91	215340	17.035	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	214210	24.397	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	890263	99.611	ug/l	98
85) sec-Butylbenzene	13.612	105	63517	6.019	ug/l	81
86) p-Isopropyltoluene	13.723	119	33454	3.846	ug/l	97
89) n-Butylbenzene	14.053	91	74661	9.684	ug/l #	83

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

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Sample : Q1914-06ME
Misc : 7.35g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Quant Time: May 07 02:56:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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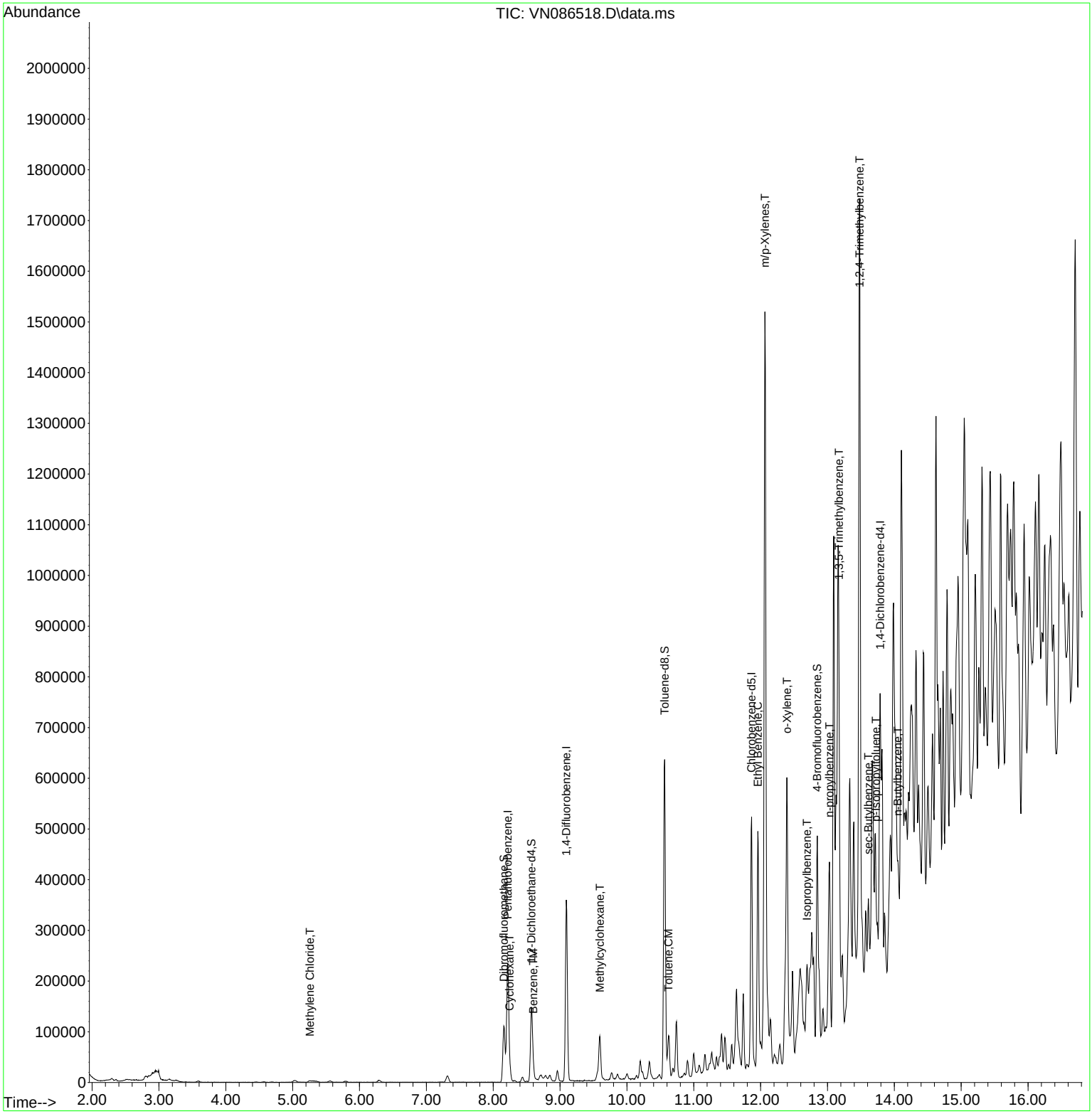
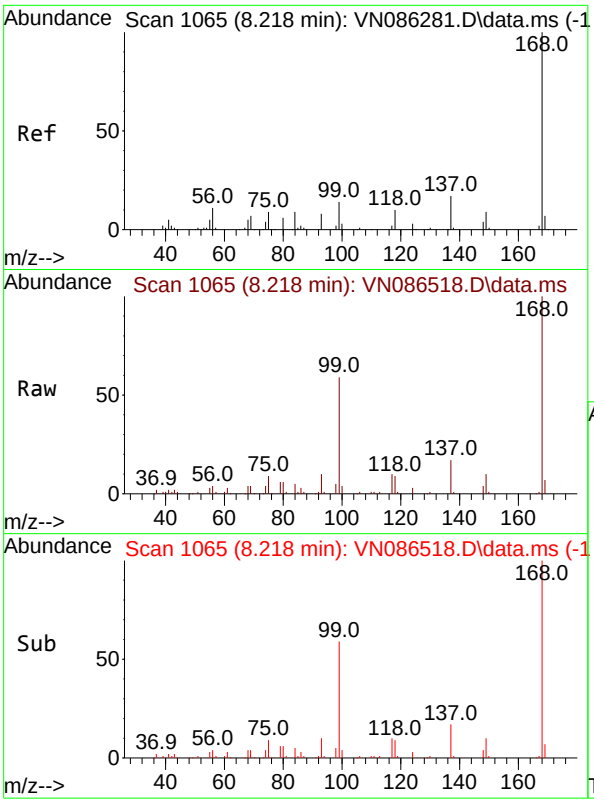


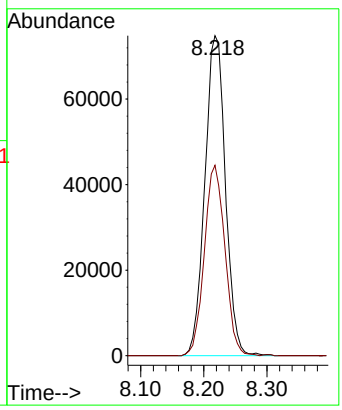


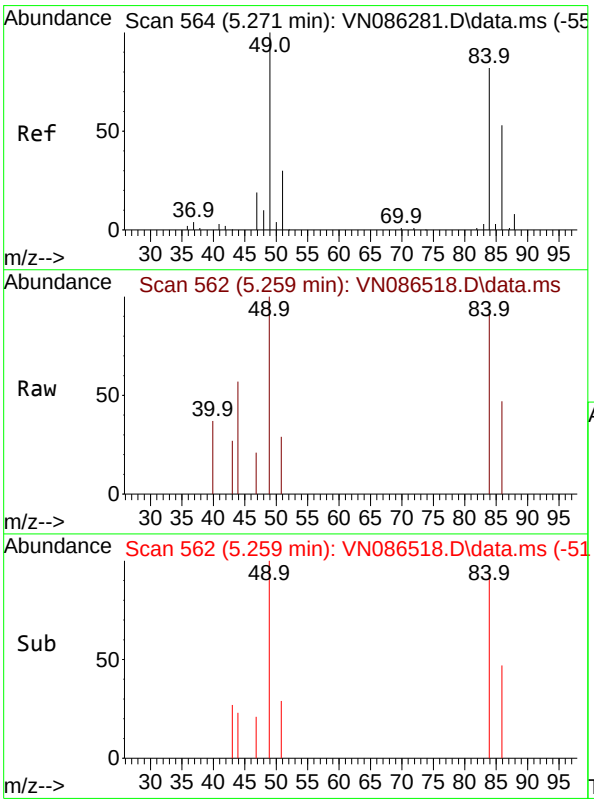
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion:168 Resp: 169551

Ion	Ratio	Lower	Upper
168	100		
99	59.5	52.5	78.7

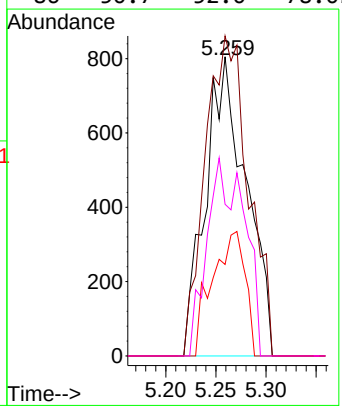


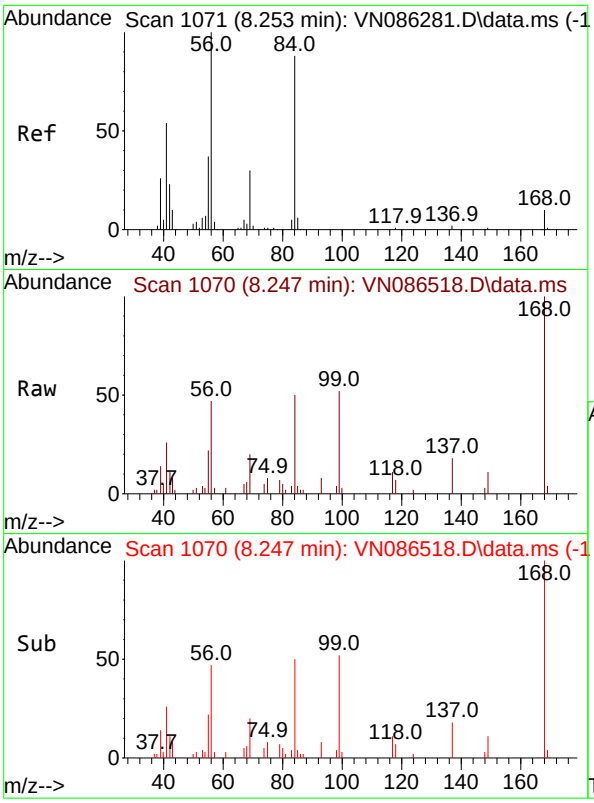


#20
Methylene Chloride
Concen: 0.997 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion: 84 Resp: 2266

Ion	Ratio	Lower	Upper
84	100		
49	107.0	98.2	147.2
51	30.6	29.8	44.6
86	50.7	52.0	78.0#



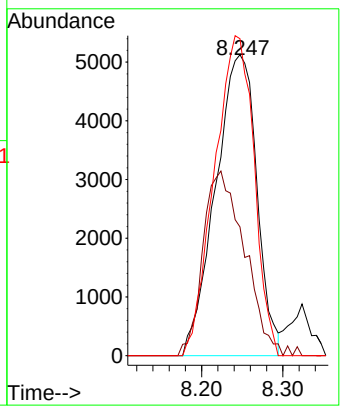


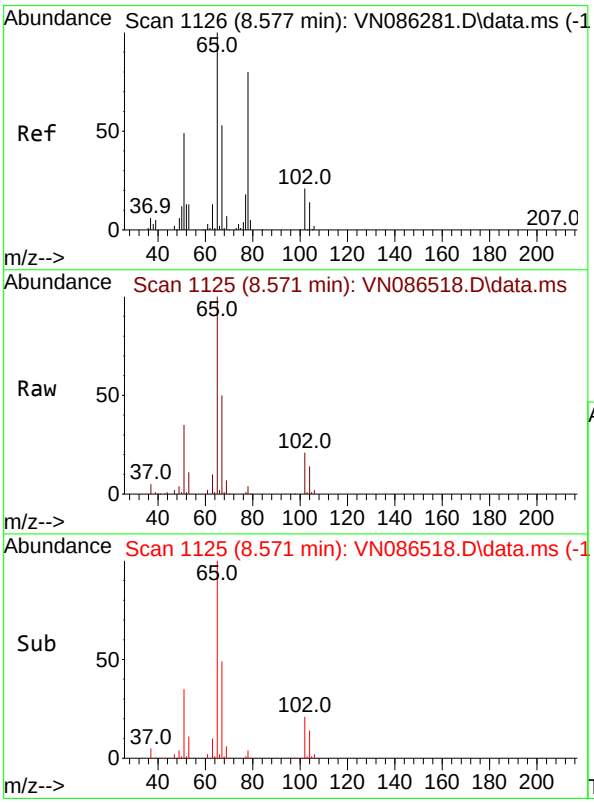
#31
Cyclohexane
Concen: 4.537 ug/l
RT: 8.247 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion: 56 Resp: 18078

Ion	Ratio	Lower	Upper
56	100		
69	42.8	24.2	36.2#
84	105.3	70.3	105.5

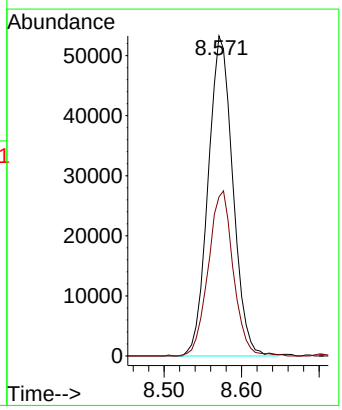


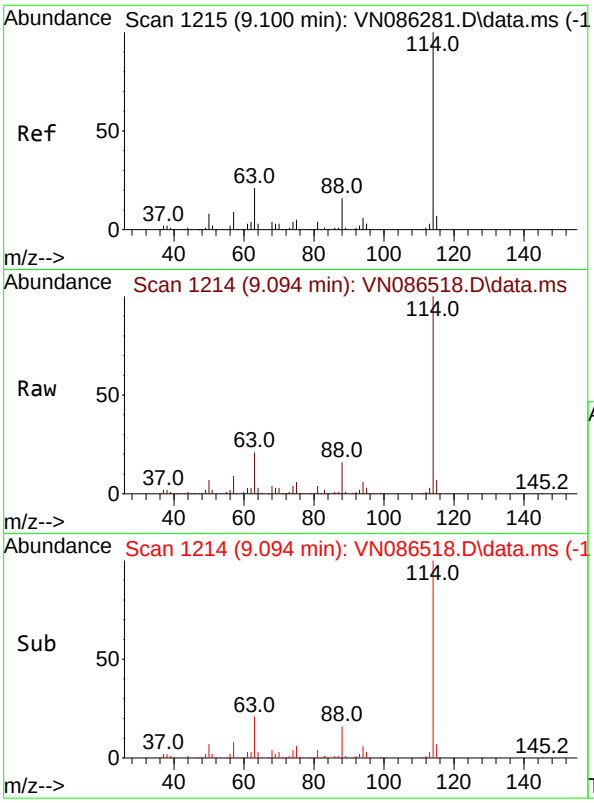


#33
1,2-Dichloroethane-d4
Concen: 48.063 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion: 65 Resp: 118170

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0



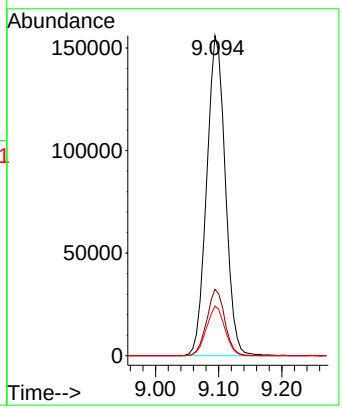


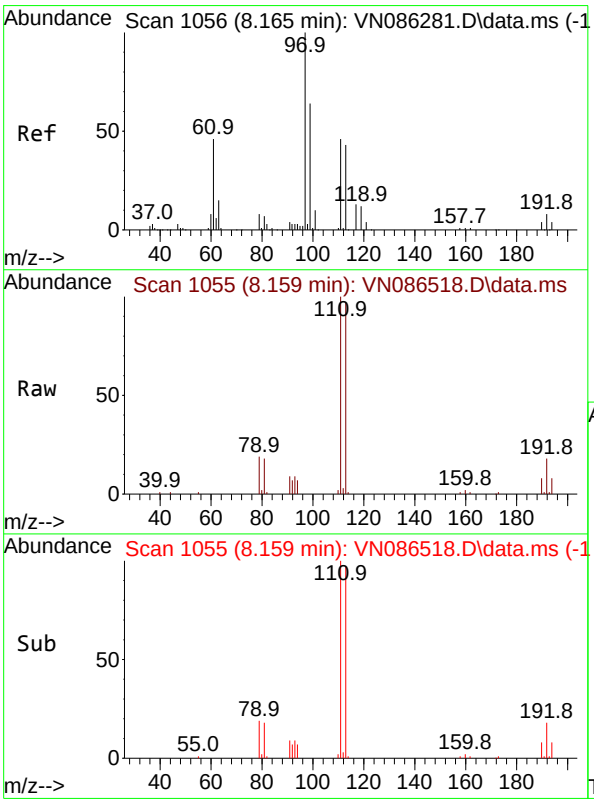
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion:114 Resp: 319127

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.6
88	15.5	0.0	31.8

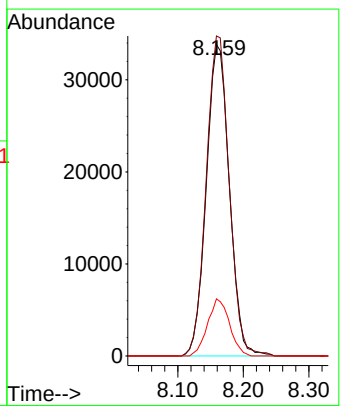


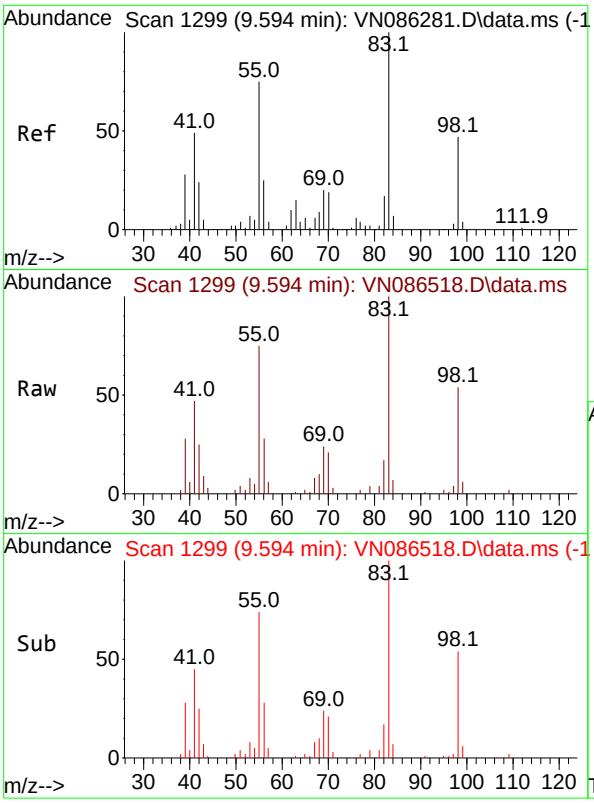


#35
Dibromofluoromethane
Concen: 55.816 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion:113 Resp: 82669

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.0
192	17.4	13.7	20.5



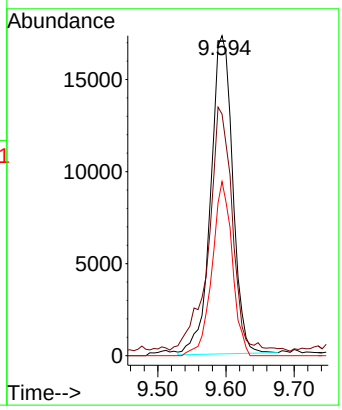


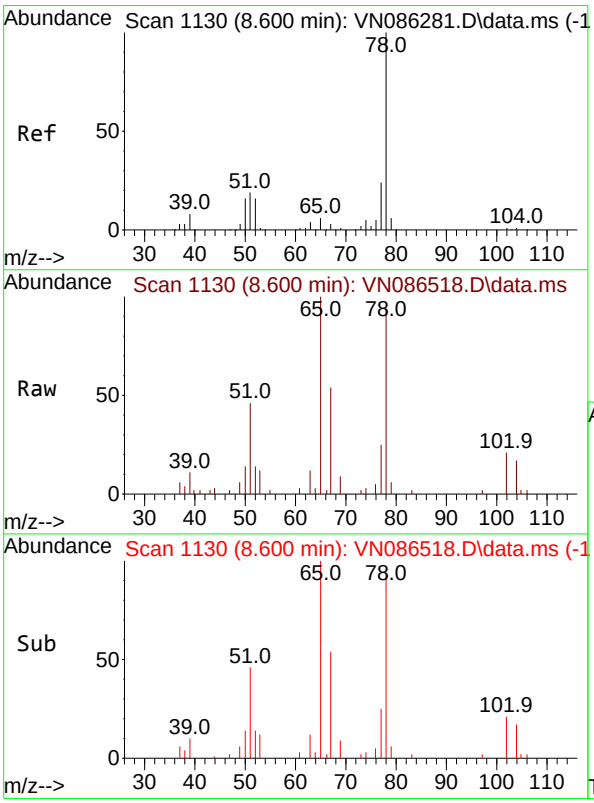
#39
Methylcyclohexane
Concen: 11.020 ug/l
RT: 9.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion: 83 Resp: 38749

Ion	Ratio	Lower	Upper
83	100		
55	74.0	59.8	89.8
98	54.9	37.9	56.9

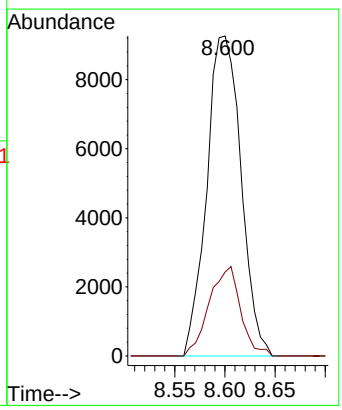


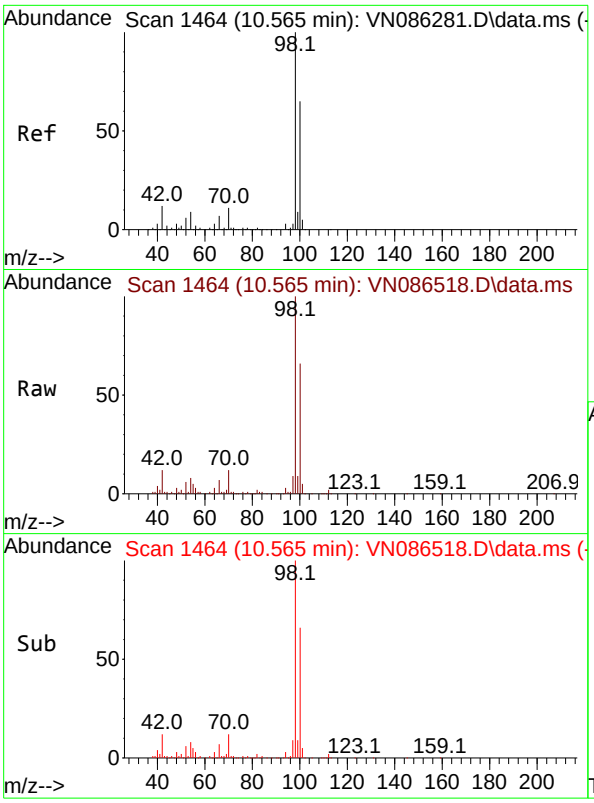


#40
Benzene
Concen: 2.320 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion: 78 Resp: 21989

Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.4	29.2



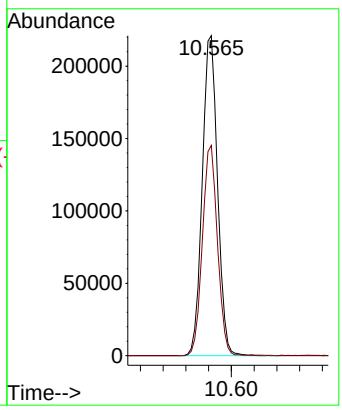


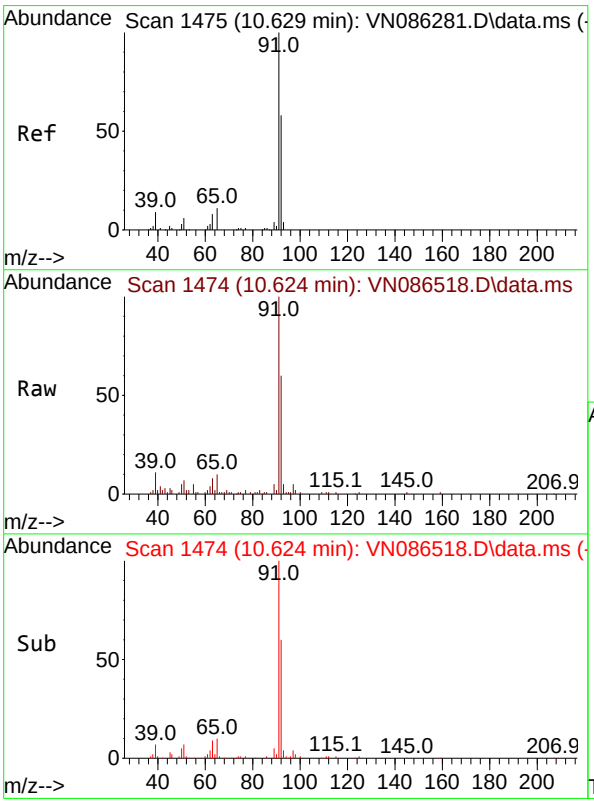
#50
Toluene-d8
Concen: 52.000 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion: 98 Resp: 411619

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.5	78.7

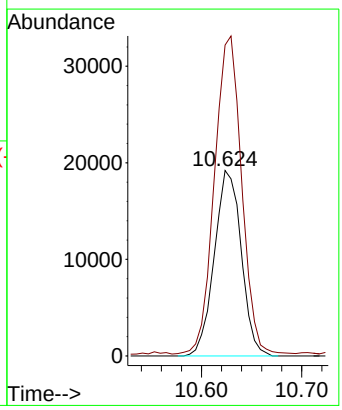


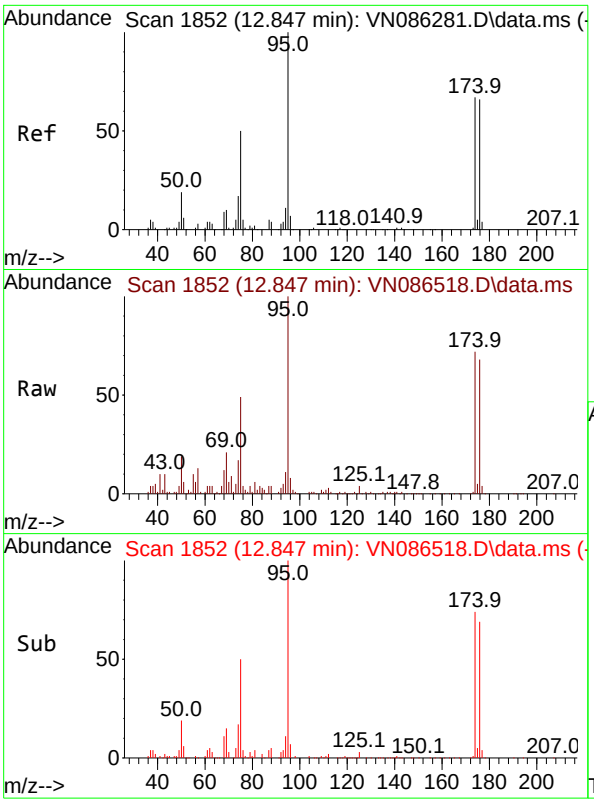


#52
Toluene
Concen: 6.041 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion: 92 Resp: 35726

Ion	Ratio	Lower	Upper
92	100		
91	173.1	137.3	205.9



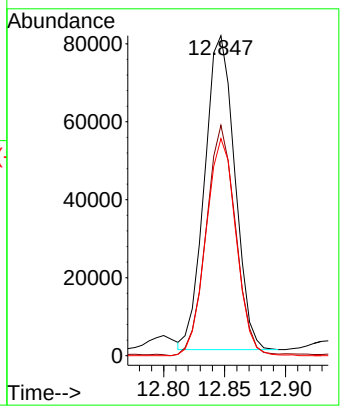


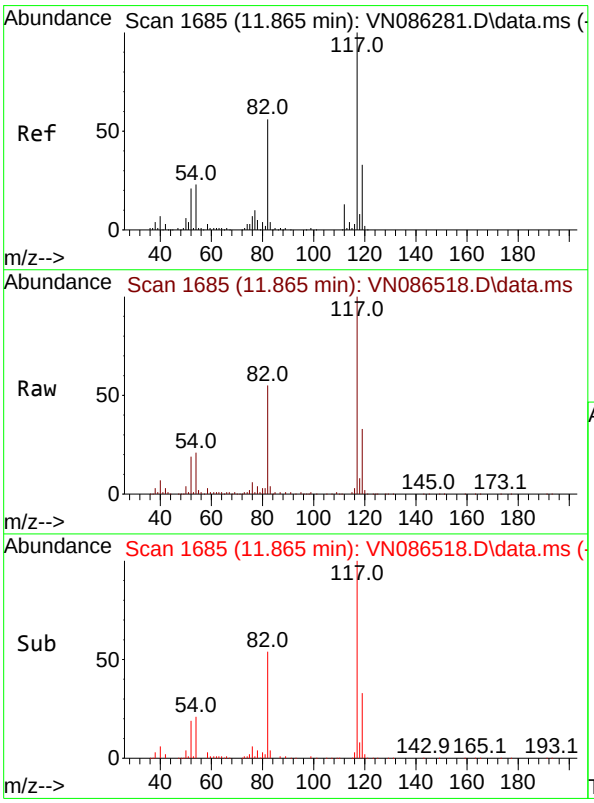
#62
4-Bromofluorobenzene
Concen: 48.038 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion: 95 Resp: 138696

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	133.4
176	69.1	0.0	129.2

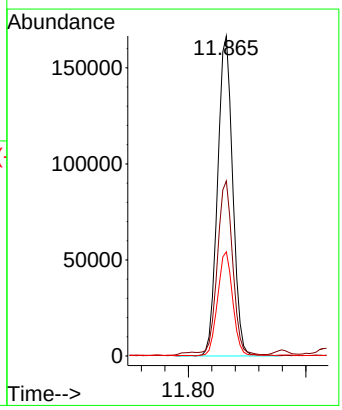


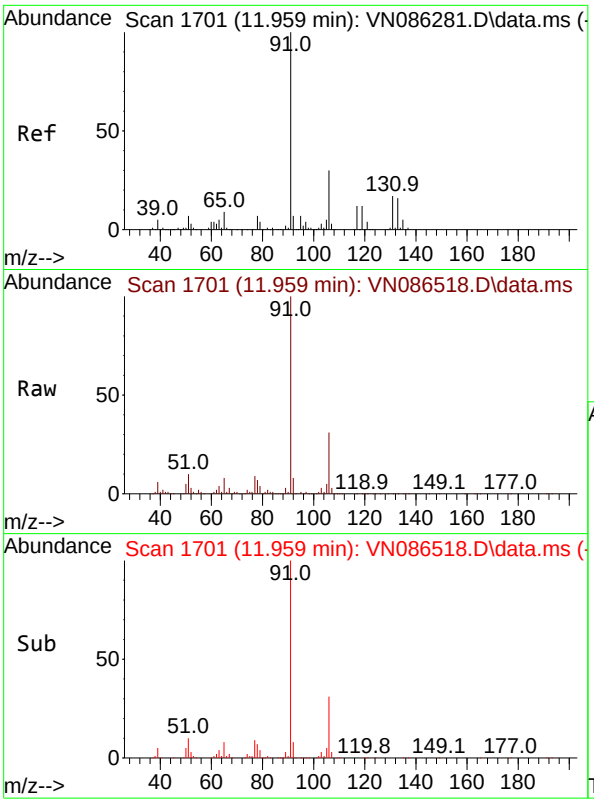


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion:117 Resp: 297541

Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.7	67.1
119	32.4	26.4	39.6



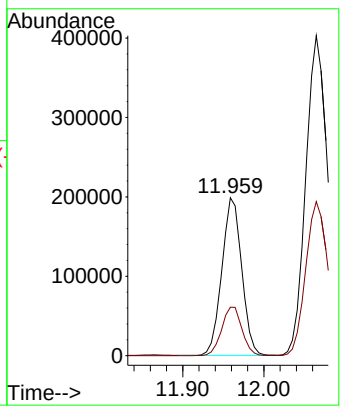


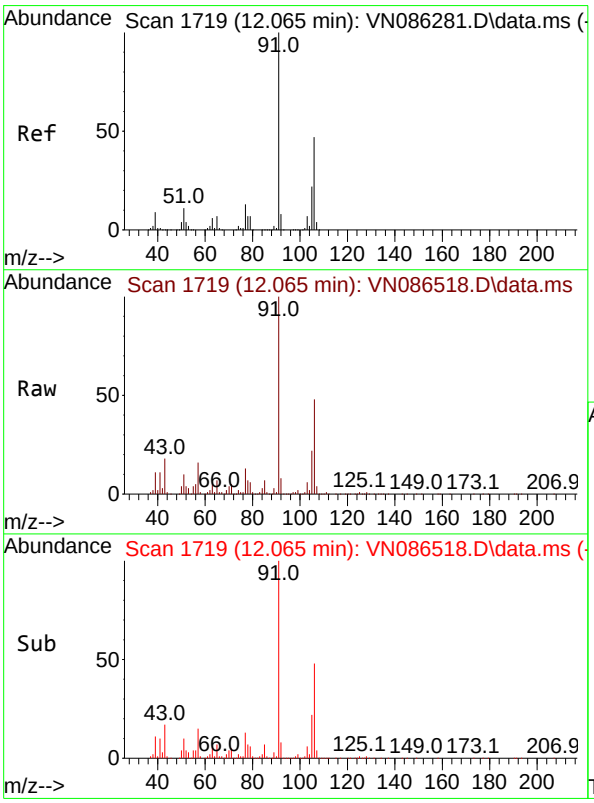
#67
Ethyl Benzene
Concen: 28.218 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion: 91 Resp: 338116

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.3	36.5

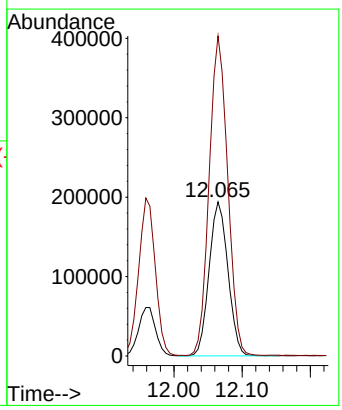


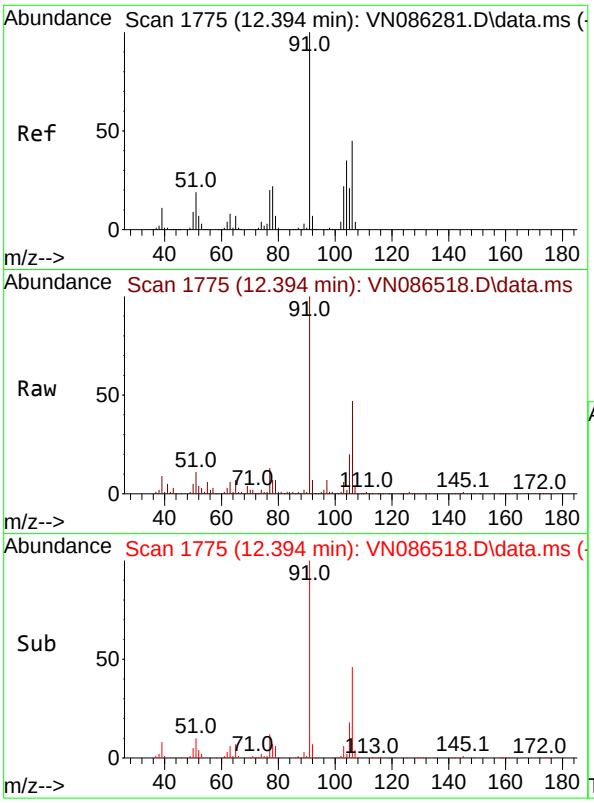


#68
m/p-Xylenes
Concen: 83.080 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion:106 Resp: 373004

Ion	Ratio	Lower	Upper
106	100		
91	203.9	166.5	249.7



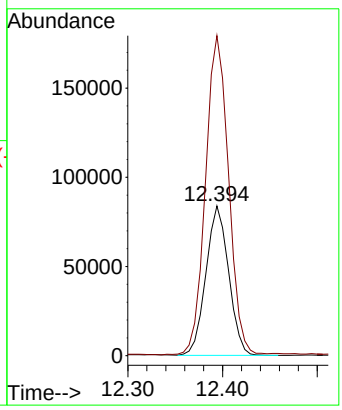


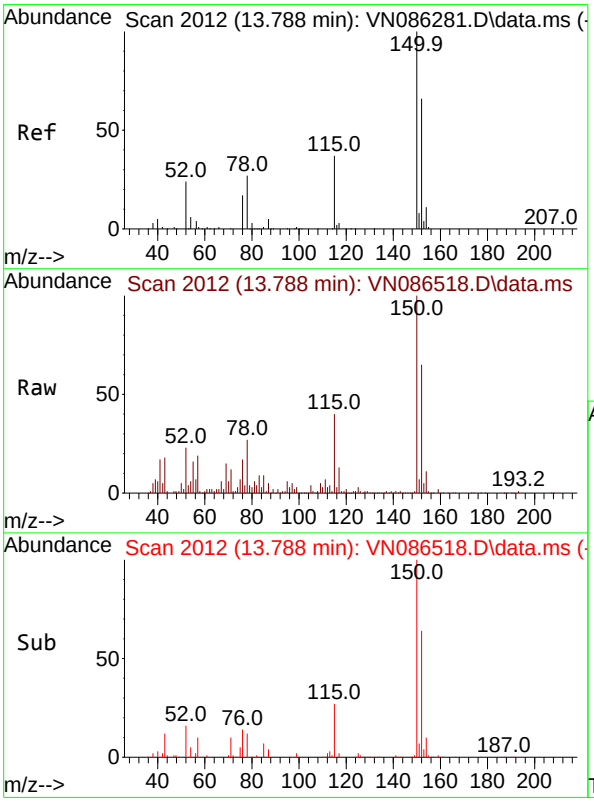
#69
o-Xylene
Concen: 31.468 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion:106 Resp: 139720

Ion	Ratio	Lower	Upper
106	100		
91	217.1	109.7	329.0

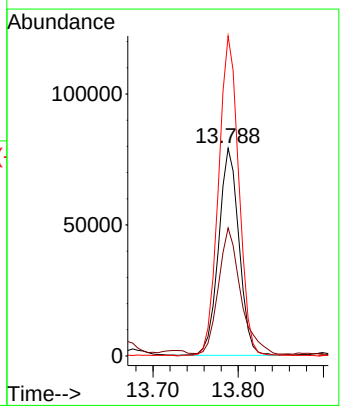


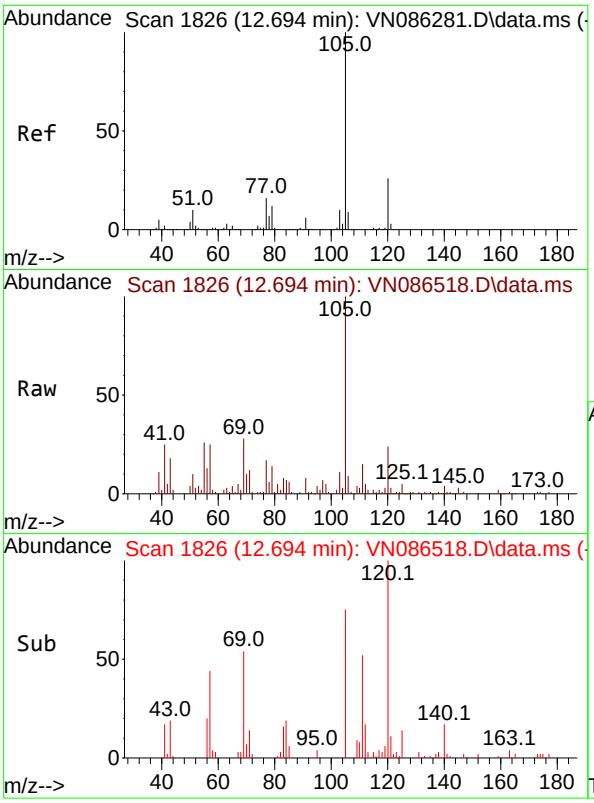


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion:152 Resp: 131140

Ion	Ratio	Lower	Upper
152	100		
115	66.3	31.9	95.9
150	154.5	0.0	352.0



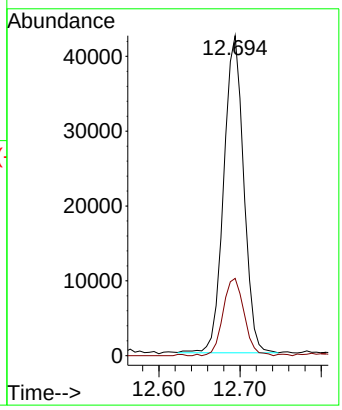


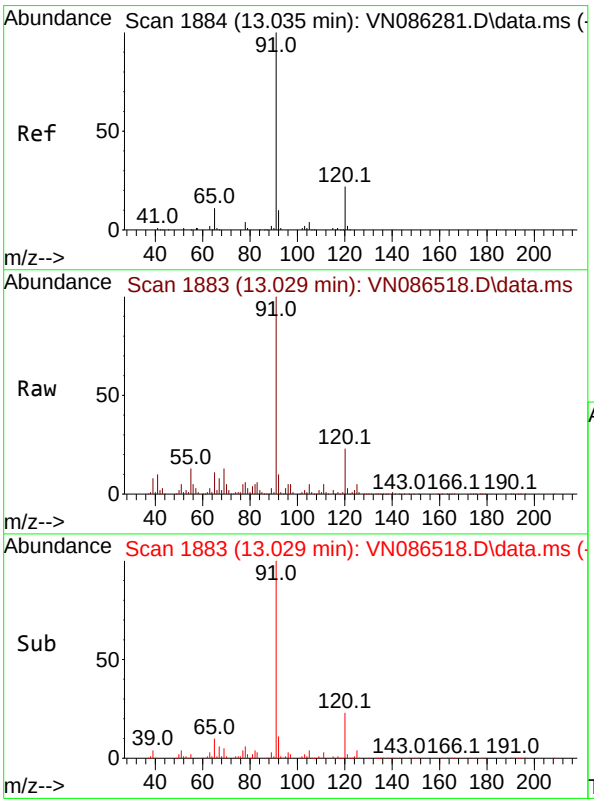
#73
Isopropylbenzene
Concen: 6.755 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion:105 Resp: 72467

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.1	39.3

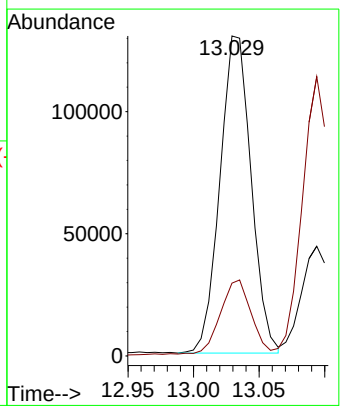


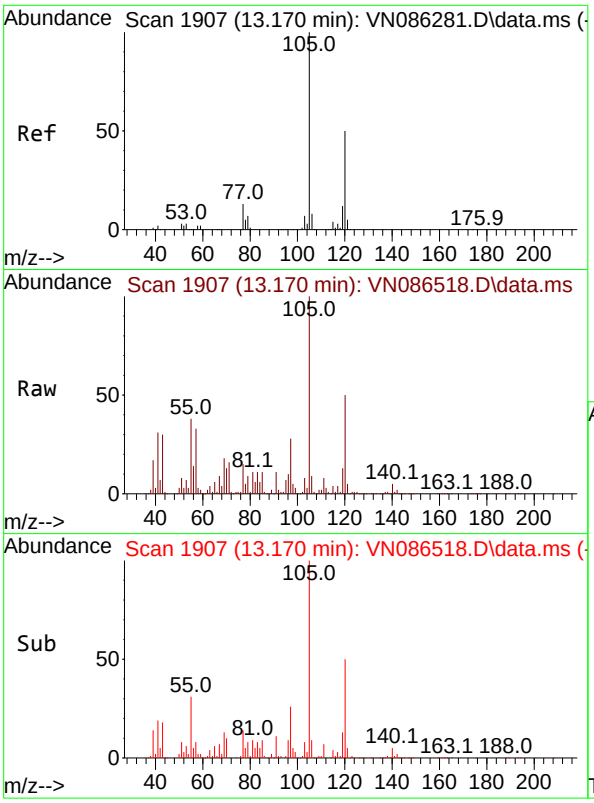


#78
n-propylbenzene
Concen: 17.035 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion: 91 Resp: 215340

Ion	Ratio	Lower	Upper
91	100		
120	25.3	11.1	33.3



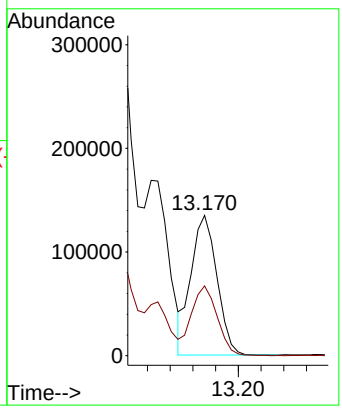


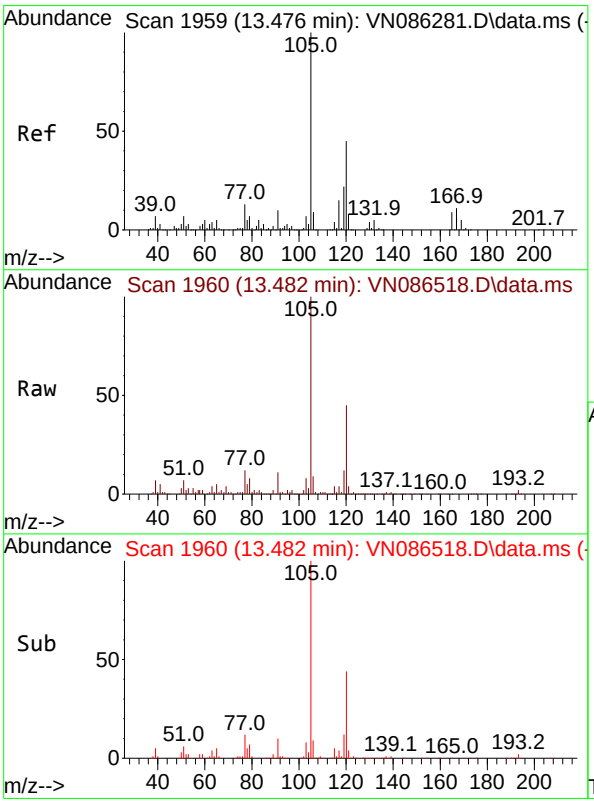
#80
1,3,5-Trimethylbenzene
Concen: 24.397 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion:105 Resp: 214210

Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.5	73.5

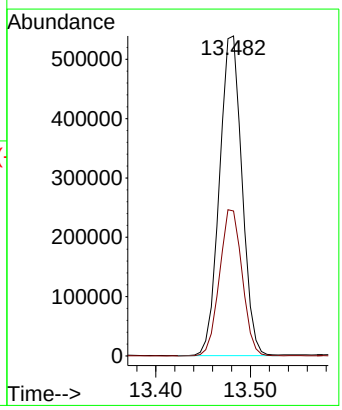


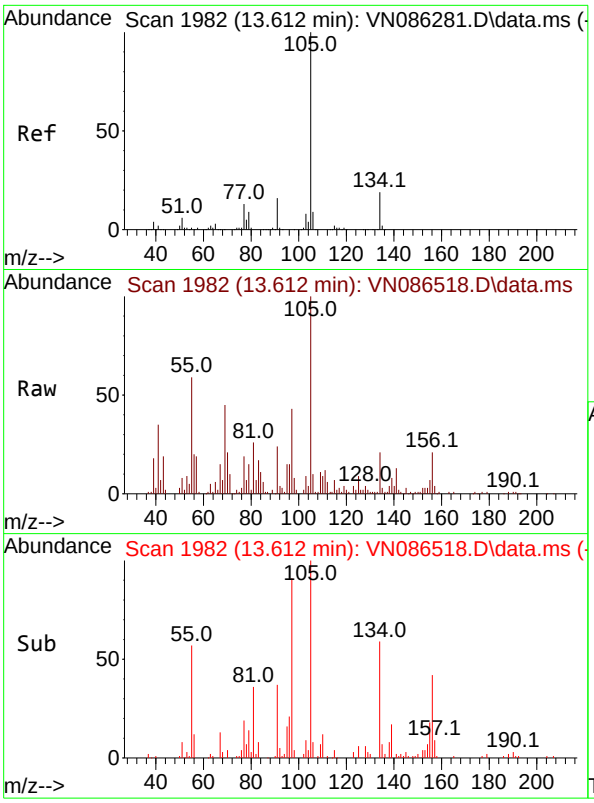


#84
1,2,4-Trimethylbenzene
Concen: 99.611 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion:105 Resp: 890263

Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.4	67.3



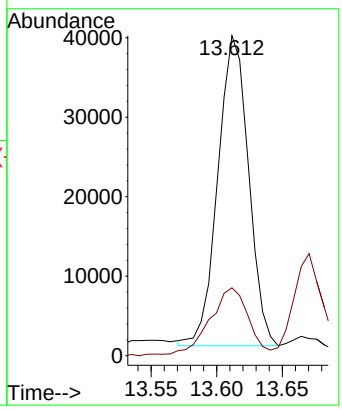


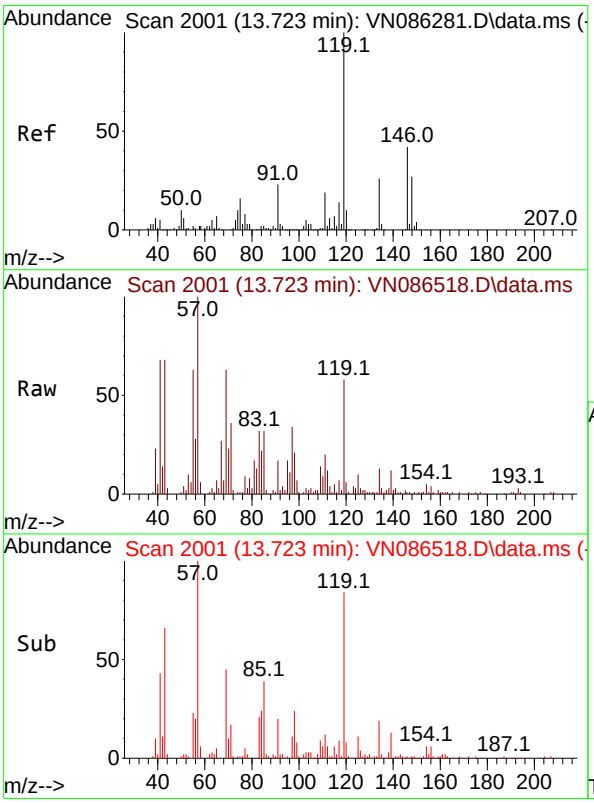
#85
sec-Butylbenzene
Concen: 6.019 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion:105 Resp: 63517

Ion	Ratio	Lower	Upper
105	100		
134	27.9	9.7	29.1

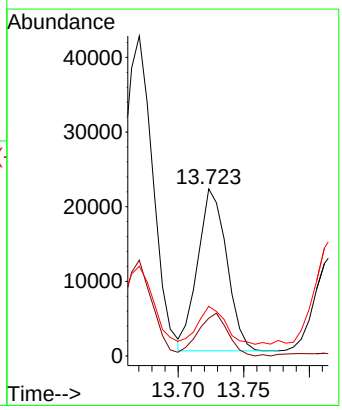


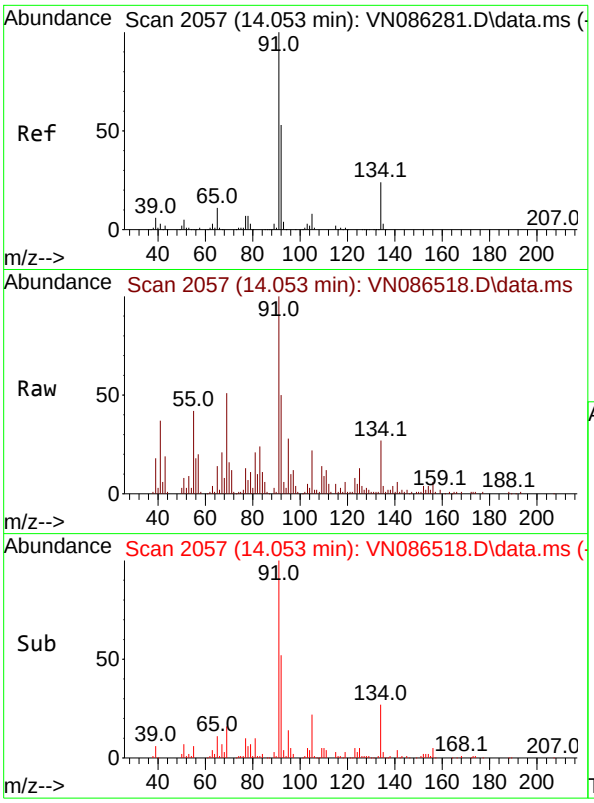


#86
p-Isopropyltoluene
Concen: 3.846 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion:119 Resp: 33454

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.1	39.1
91	21.8	11.9	35.9





#89
n-Butylbenzene
Concen: 9.684 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion: 91 Resp: 74661

Ion	Ratio	Lower	Upper
91	100		
92	55.0	26.8	80.4
134	0.0	12.2	36.6#