Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
Data File : VY023953.D
Acq On : 11 Dec 2025 14:31
Operator : SY/MD
Sample : Q3809-07RE
Misc : 2.54g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-3RE

Quant Time: Dec 12 03:23:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

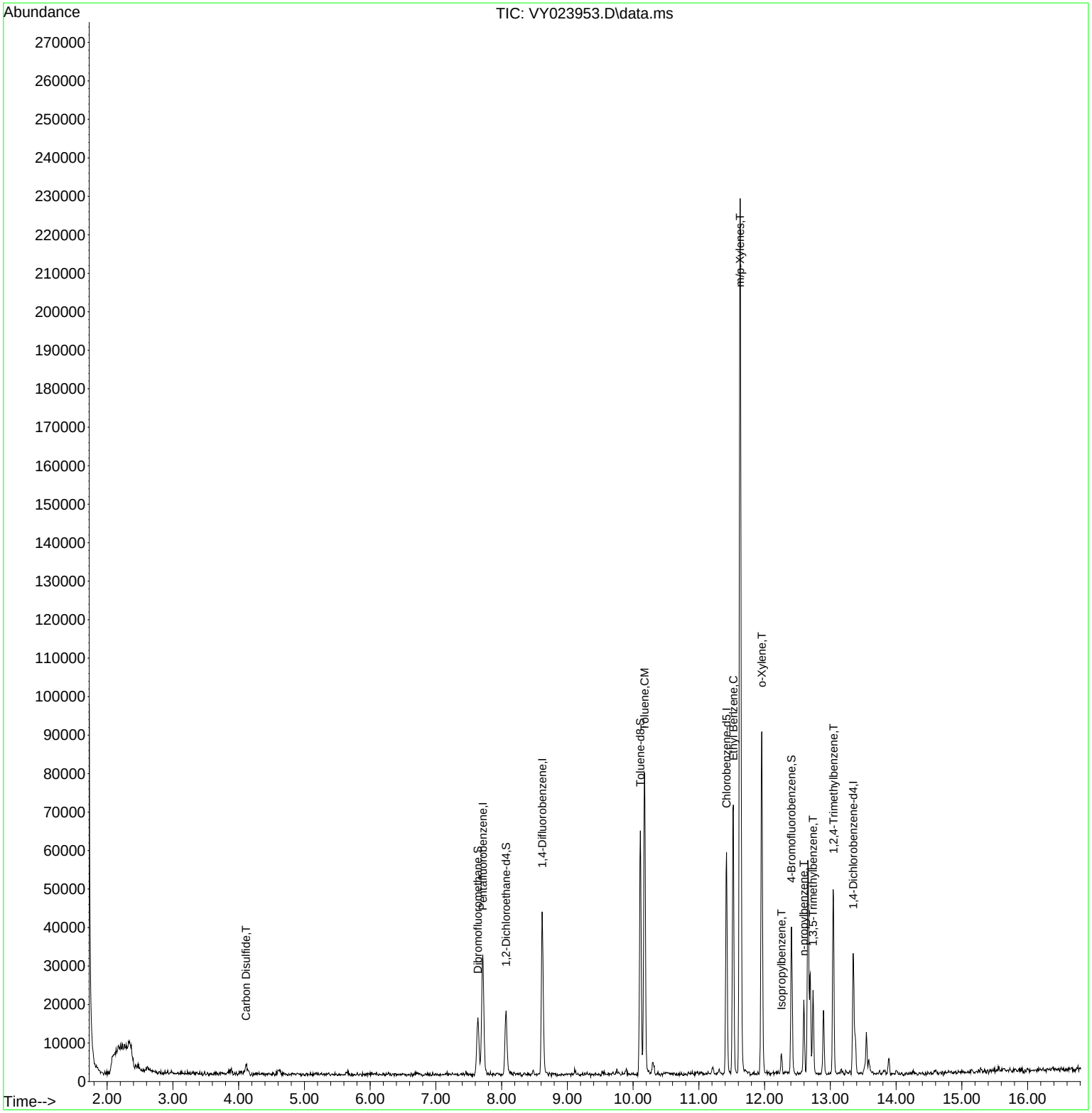
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	26038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	36622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	32863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	8372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	12634	54.879	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.760%			
35) Dibromofluoromethane	7.640	113	11003	45.962	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.920%			
50) Toluene-d8	10.109	98	42139	47.279	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.560%			
62) 4-Bromofluorobenzene	12.407	95	11093	37.268	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 74.540%			
Target Compounds						Qvalue
17) Carbon Disulfide	4.110	76	5022	8.003	ug/l	97
52) Toluene	10.176	92	34562	52.626	ug/l	96
67) Ethyl Benzene	11.523	91	47397	37.148	ug/l	99
68) m/p-Xylenes	11.627	106	71704	141.570	ug/l	100
69) o-Xylene	11.956	106	24430	51.562	ug/l	99
73) Isopropylbenzene	12.255	105	2988	4.884	ug/l	83
78) n-propylbenzene	12.596	91	12407	17.429	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	9466	19.393	ug/l	93
84) 1,2,4-Trimethylbenzene	13.048	105	25266	52.252	ug/l	98

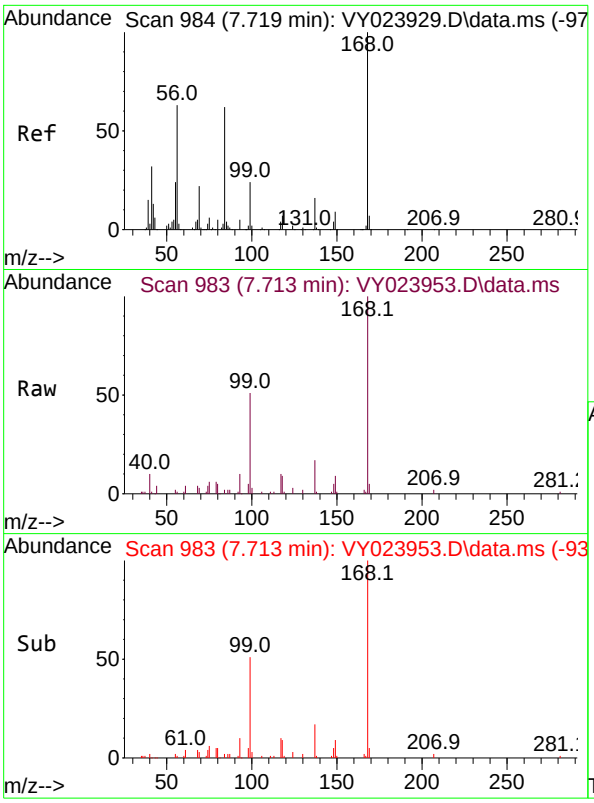
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
Data File : VY023953.D
Acq On : 11 Dec 2025 14:31
Operator : SY/MD
Sample : Q3809-07RE
Misc : 2.54g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-3RE

Quant Time: Dec 12 03:23:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration



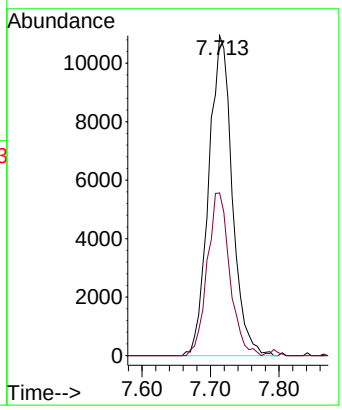


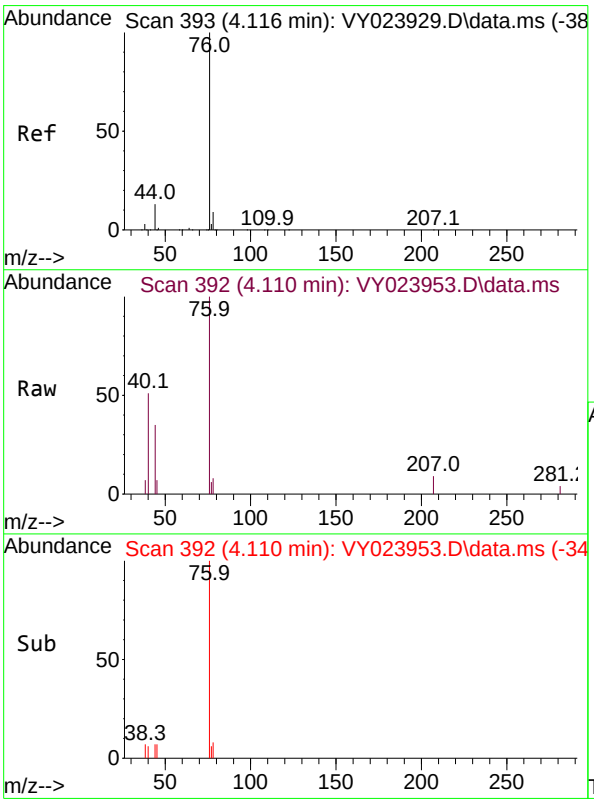
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
B-3RE

Tgt Ion:168 Resp: 26038

Ion	Ratio	Lower	Upper
168	100		
99	50.8	38.9	58.3

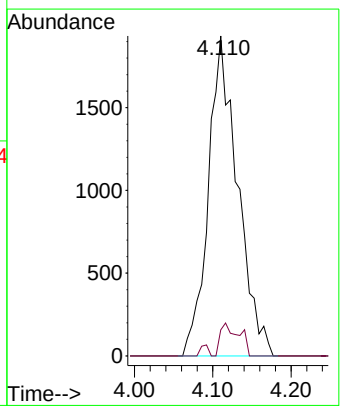


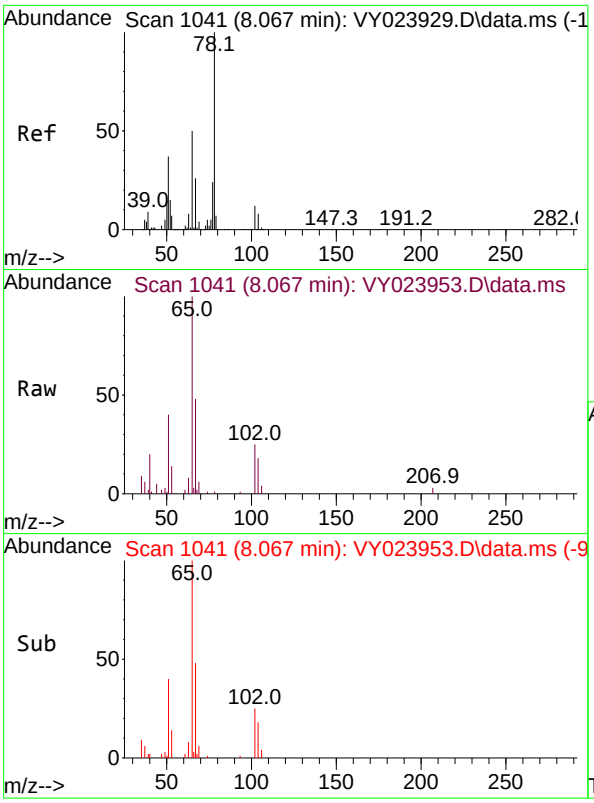


#17
Carbon Disulfide
Concen: 8.003 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.006 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Tgt Ion: 76 Resp: 5022

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.4	11.2



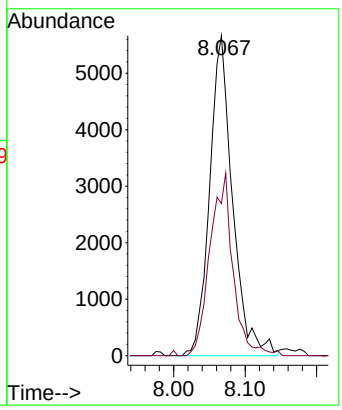


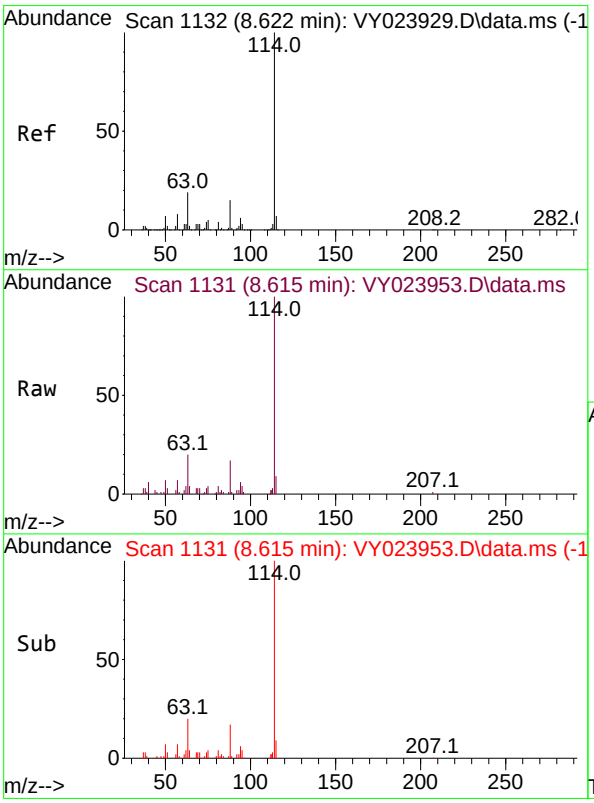
#33
1,2-Dichloroethane-d4
Concen: 54.879 ug/l
RT: 8.067 min Scan# 10
Delta R.T. -0.000 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
B-3RE

Tgt Ion: 65 Resp: 12634

Ion	Ratio	Lower	Upper
65	100		
67	57.0	0.0	106.2

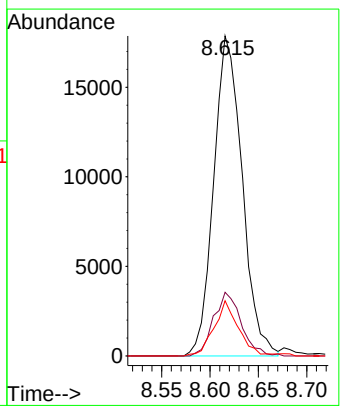


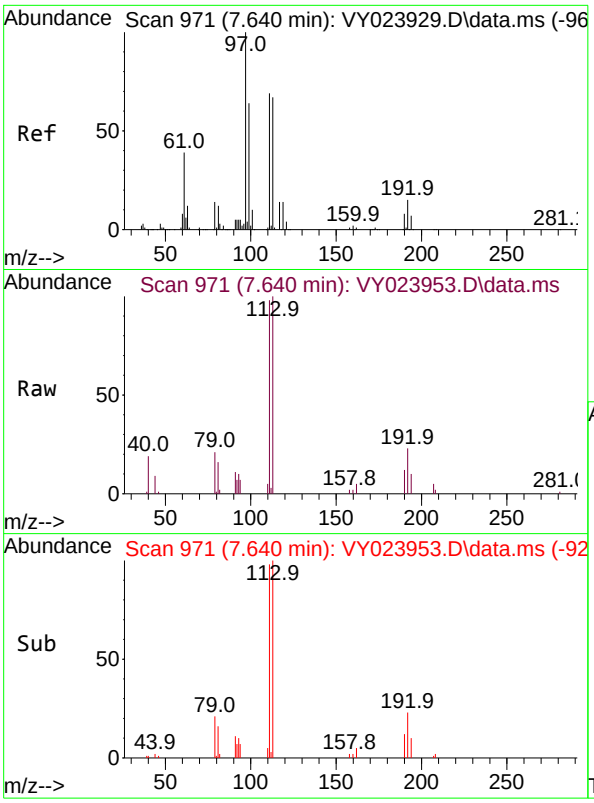


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Tgt Ion:114 Resp: 36622

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	37.2
88	17.2	0.0	29.4



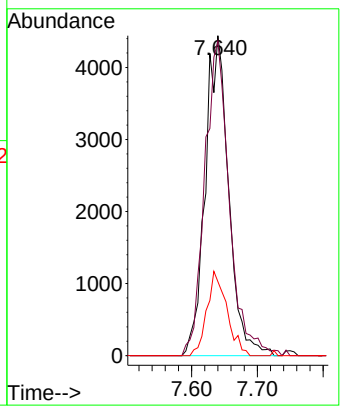


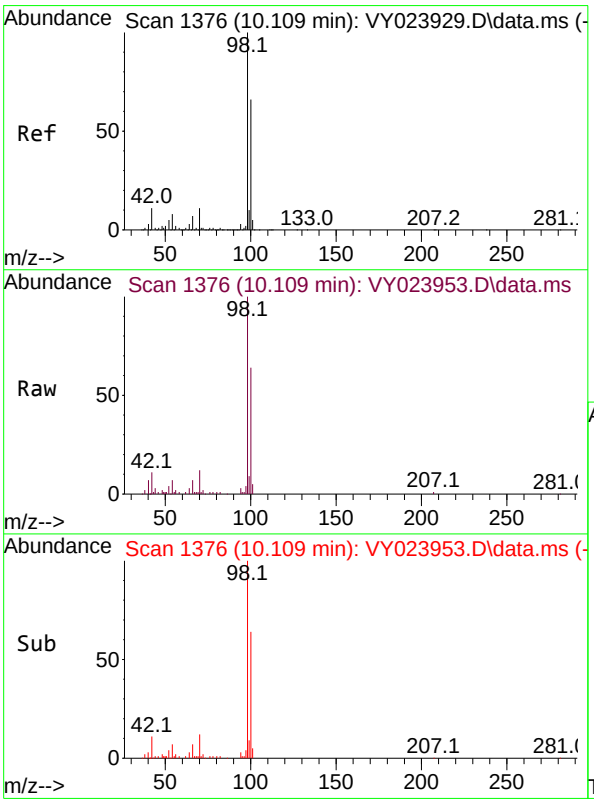
#35
Dibromofluoromethane
Concen: 45.962 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
B-3RE

Tgt Ion:113 Resp: 11003

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	22.4	17.9	26.9

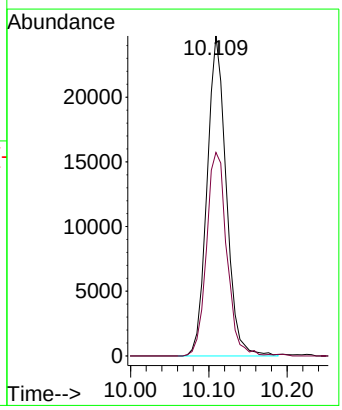


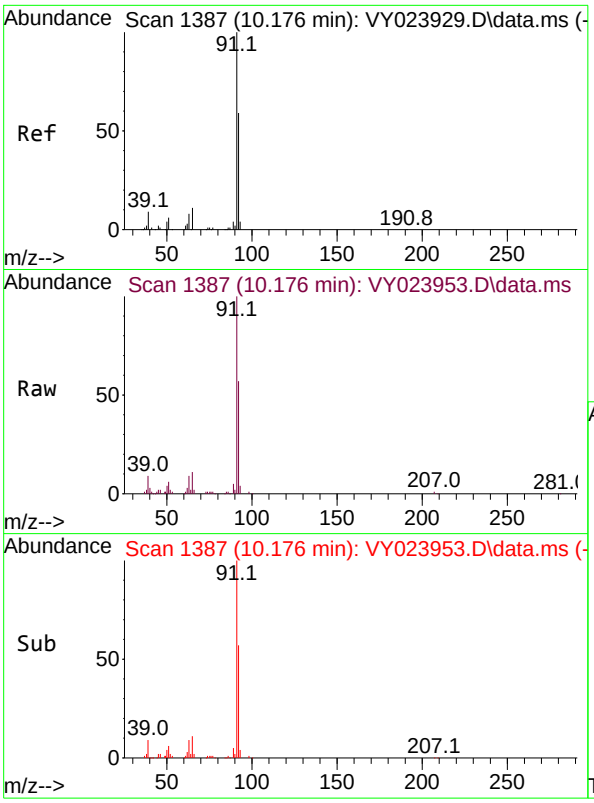


#50
Toluene-d8
Concen: 47.279 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Tgt Ion: 98 Resp: 42139

Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.8	79.2



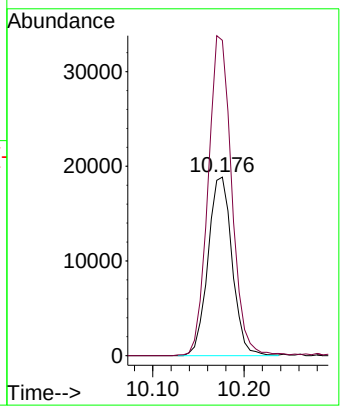


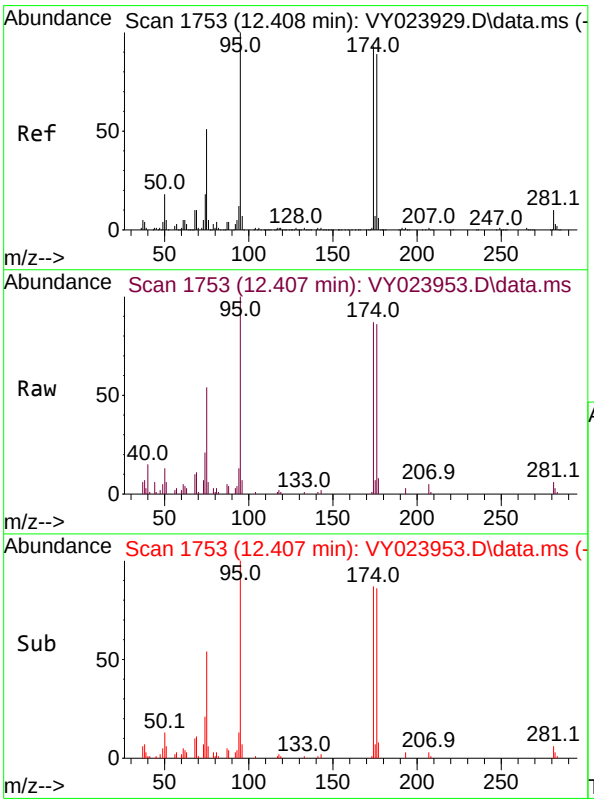
#52
Toluene
Concen: 52.626 ug/l
RT: 10.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
B-3RE

Tgt Ion: 92 Resp: 34562

Ion	Ratio	Lower	Upper
92	100		
91	175.7	135.8	203.6

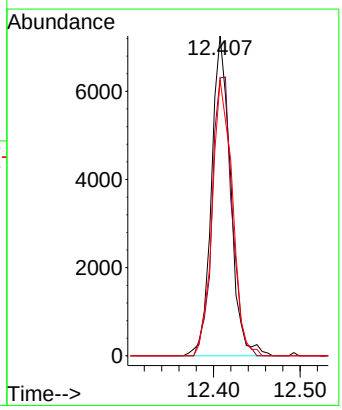


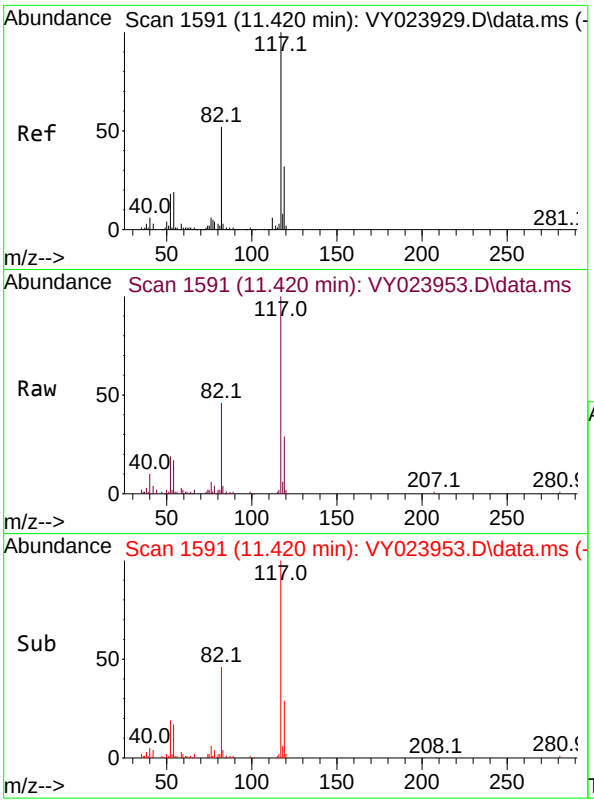


#62
4-Bromofluorobenzene
Concen: 37.268 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Tgt Ion: 95 Resp: 11093

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	187.4
176	91.0	0.0	179.6



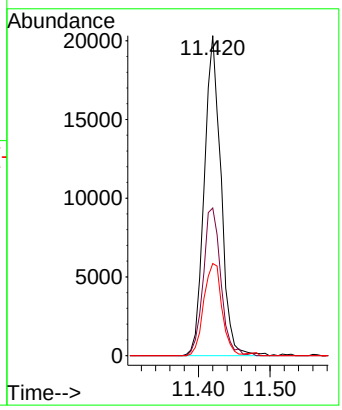


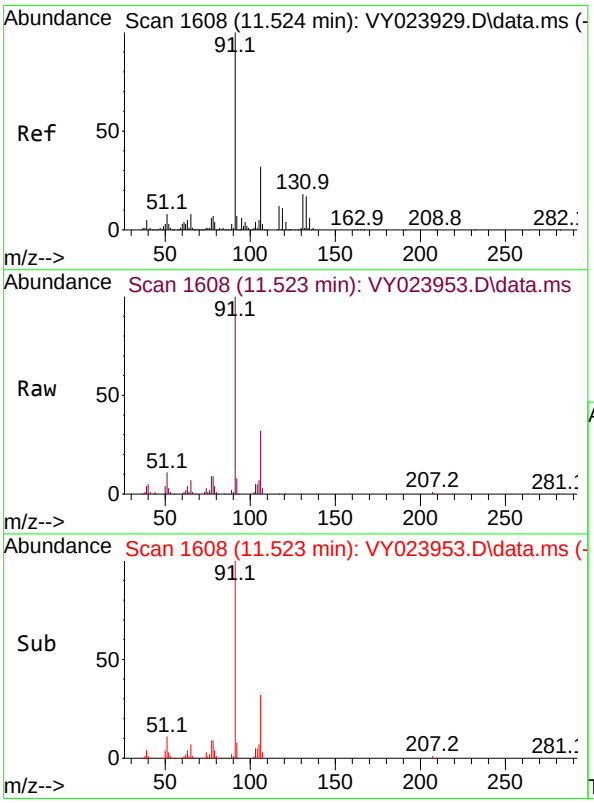
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
B-3RE

Tgt Ion:117 Resp: 32863

Ion	Ratio	Lower	Upper
117	100		
82	46.1	41.4	62.2
119	28.8	25.5	38.3

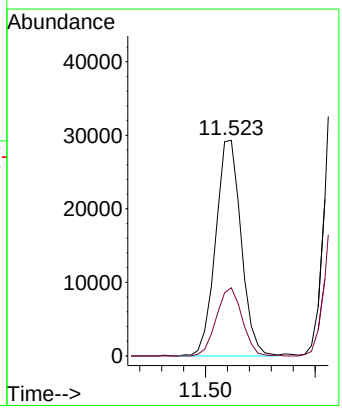


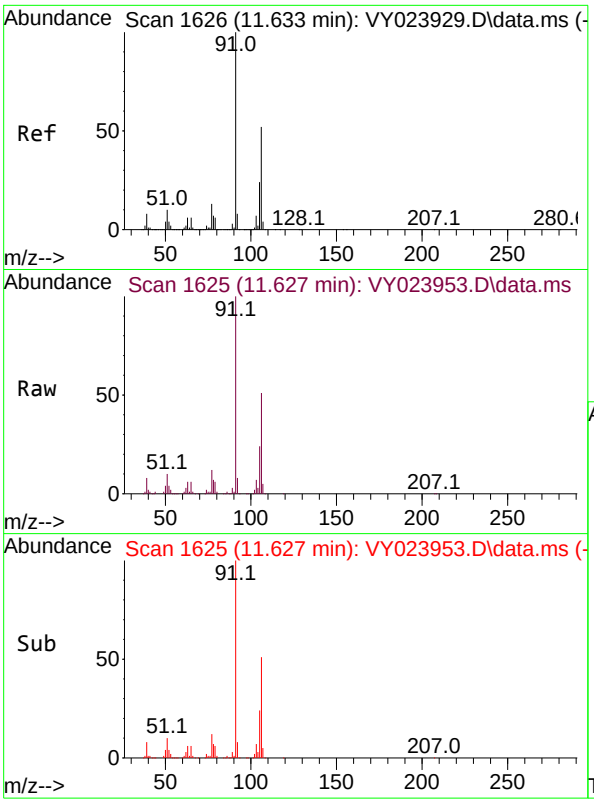


#67
Ethyl Benzene
Concen: 37.148 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Tgt Ion: 91 Resp: 47397

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.8	38.8



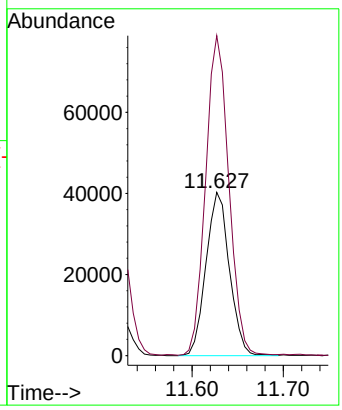


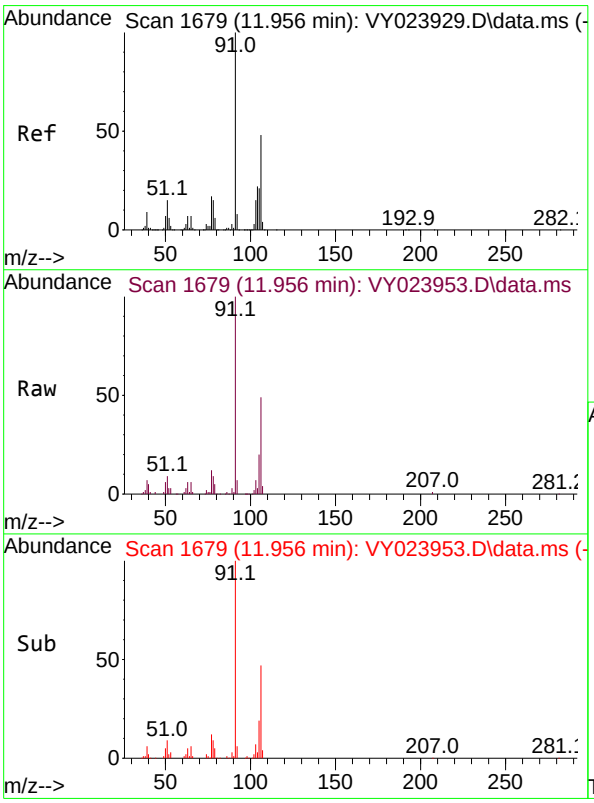
#68
m/p-Xylenes
Concen: 141.570 ug/l
RT: 11.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
B-3RE

Tgt Ion:106 Resp: 71704

Ion	Ratio	Lower	Upper
106	100		
91	193.5	155.0	232.6

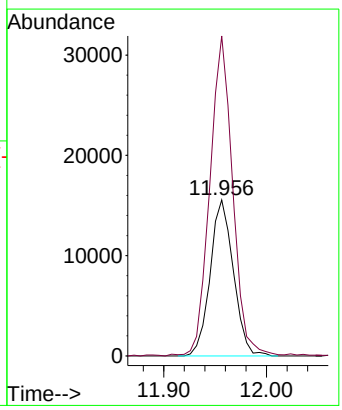


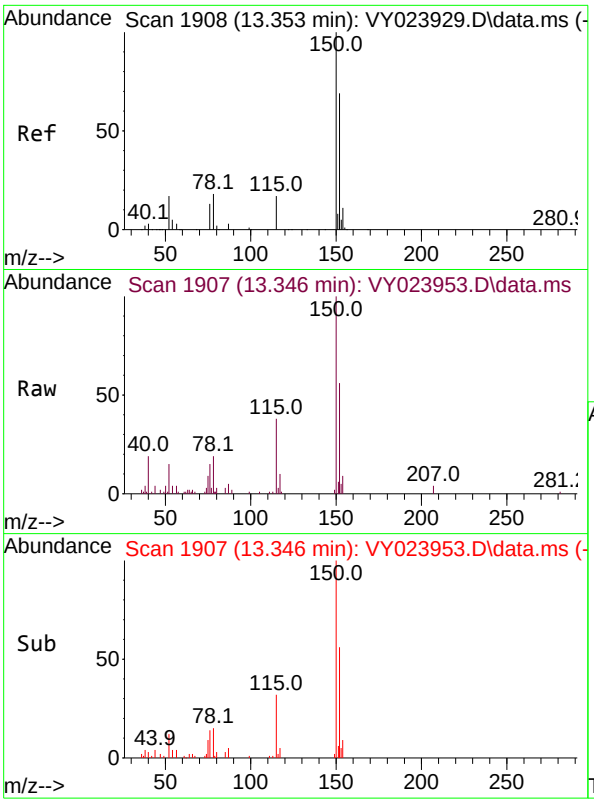


#69
o-Xylene
Concen: 51.562 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Tgt Ion:106 Resp: 24430

Ion	Ratio	Lower	Upper
106	100		
91	202.0	102.1	306.1



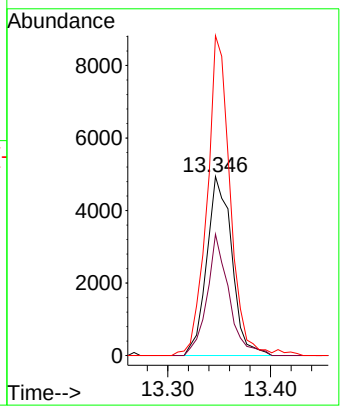


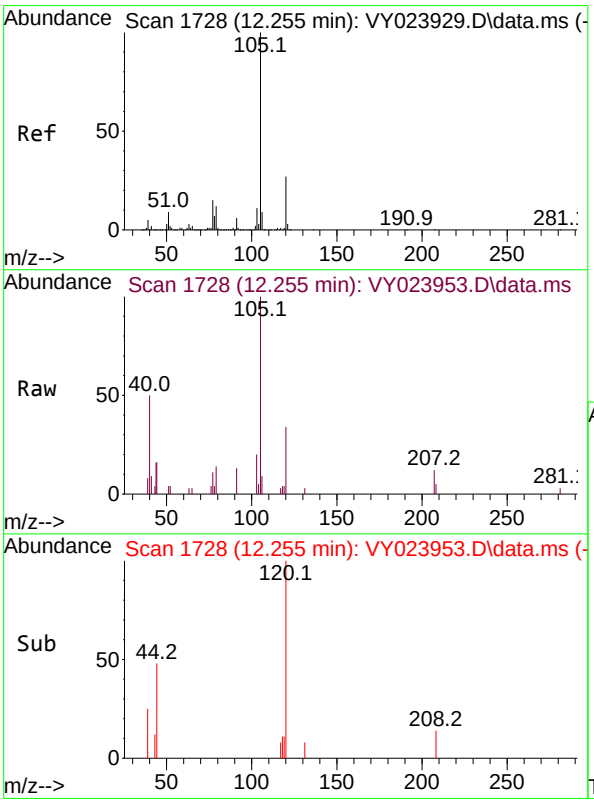
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 19
Delta R.T. -0.006 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
B-3RE

Tgt Ion:152 Resp: 8372

Ion	Ratio	Lower	Upper
152	100		
115	59.4	27.3	81.9
150	163.8	0.0	347.6

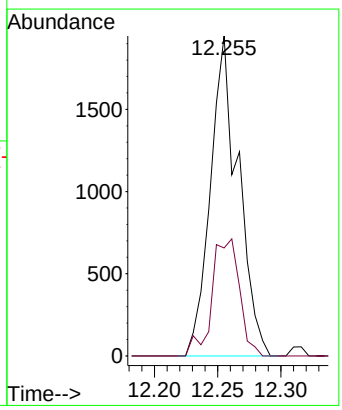


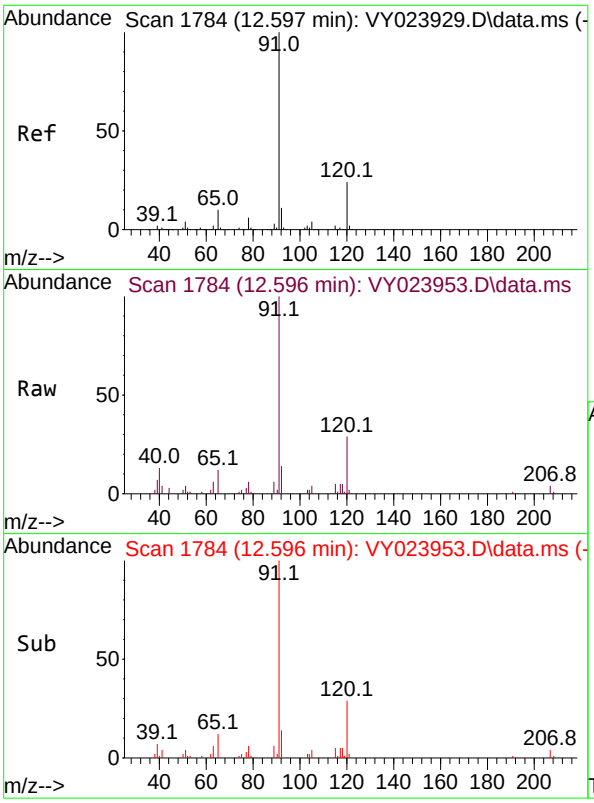


#73
Isopropylbenzene
Concen: 4.884 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Tgt Ion:105 Resp: 2988

Ion	Ratio	Lower	Upper
105	100		
120	36.1	13.7	41.0



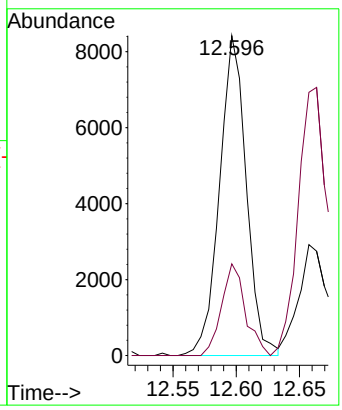


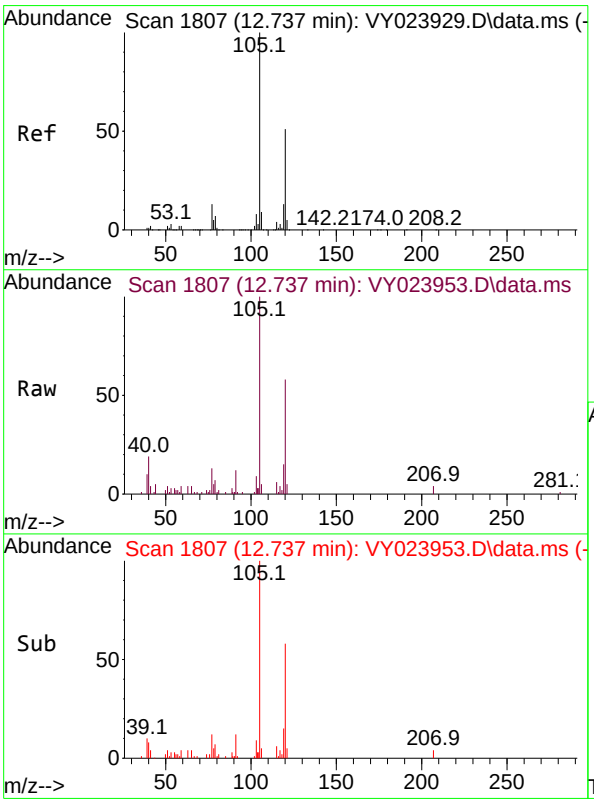
#78
n-propylbenzene
Concen: 17.429 ug/l
RT: 12.596 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
B-3RE

Tgt Ion: 91 Resp: 12407

Ion	Ratio	Lower	Upper
91	100		
120	25.6	12.0	36.0

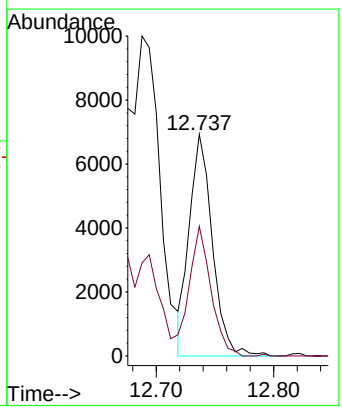


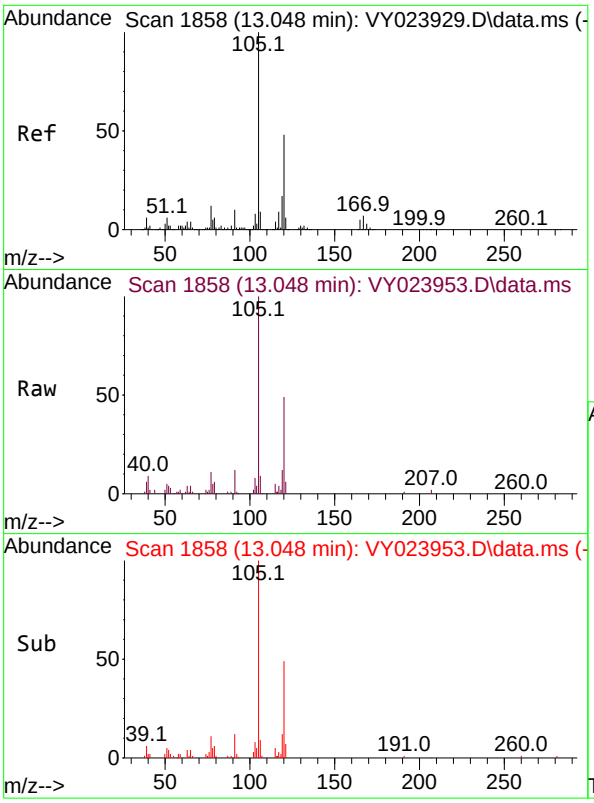


#80
1,3,5-Trimethylbenzene
Concen: 19.393 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Tgt Ion:105 Resp: 9466

Ion	Ratio	Lower	Upper
105	100		
120	56.2	25.7	77.1





#84
1,2,4-Trimethylbenzene
Concen: 52.252 ug/l
RT: 13.048 min Scan# 18
Delta R.T. -0.000 min
Lab File: VY023953.D
Acq: 11 Dec 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
B-3RE

Tgt Ion:105 Resp: 25266

Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.4	70.3