Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
Data File : VY023916.D
Acq On : 09 Dec 2025 18:14
Operator : SY/MD
Sample : Q3809-13
Misc : 2.98g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-10

Quant Time: Dec 10 02:32:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	150734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	243230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	213434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	84129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	87290	57.889	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.780%			
35) Dibromofluoromethane	7.640	113	89495	57.368	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.740%			
50) Toluene-d8	10.115	98	274011	45.137	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.280%			
62) 4-Bromofluorobenzene	12.407	95	80001	38.637	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 77.280%			
Target Compounds						Qvalue
16) Acetone	3.866	43	7749	17.150	ug/l #	87
17) Carbon Disulfide	4.116	76	14045	3.274	ug/l	97
52) Toluene	10.176	92	53960	12.393	ug/l	94
67) Ethyl Benzene	11.523	91	55610	6.603	ug/l	95
68) m/p-Xylenes	11.633	106	88444	27.476	ug/l	97
69) o-Xylene	11.956	106	25543	8.484	ug/l	98
78) n-propylbenzene	12.596	91	16909	2.261	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	14396	2.858	ug/l	100
84) 1,2,4-Trimethylbenzene	13.047	105	49836	9.988	ug/l	96

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
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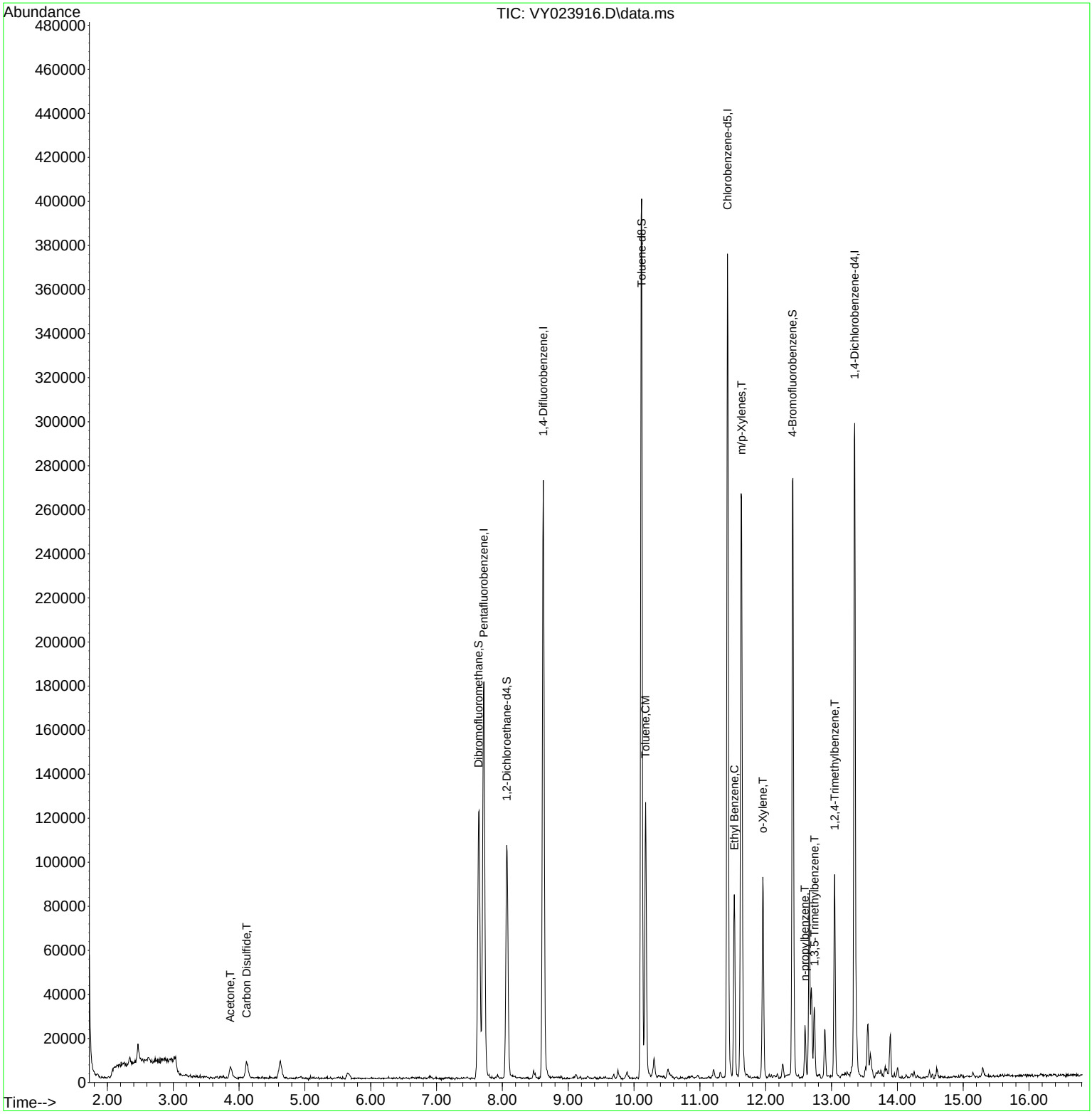
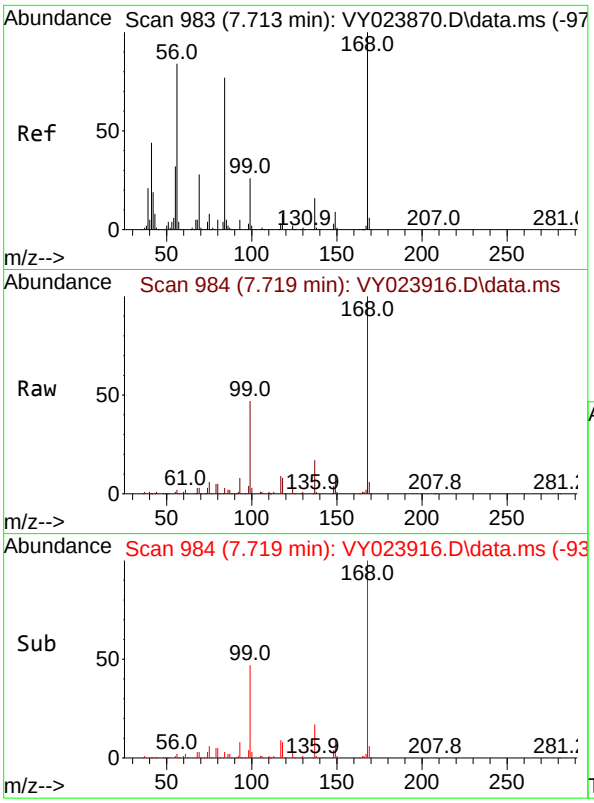
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration



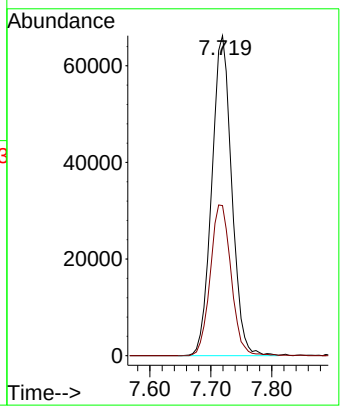


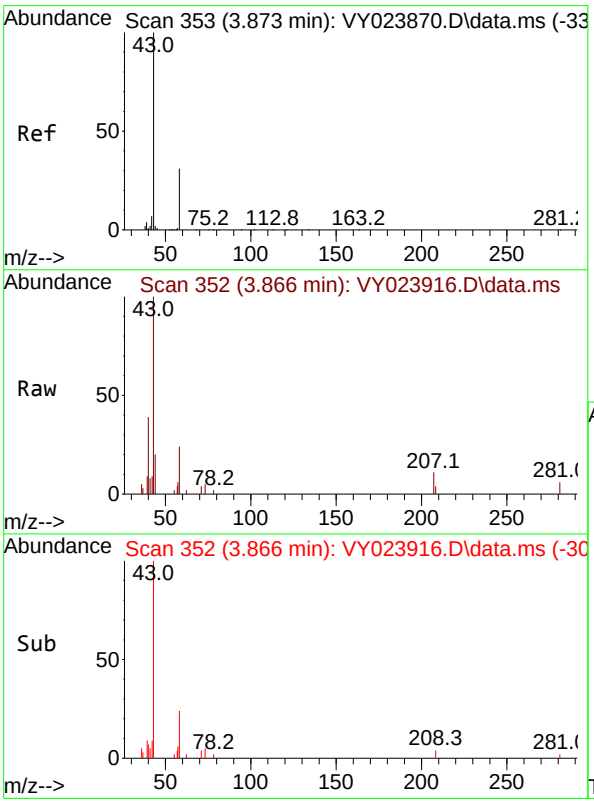
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Instrument :
MSVOA_Y
ClientSampleId :
SW-10

Tgt Ion:168 Resp: 150734

Ion	Ratio	Lower	Upper
168	100		
99	46.9	42.5	63.7

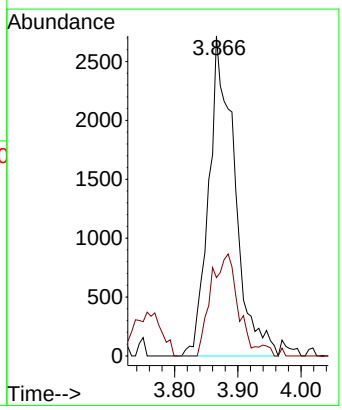


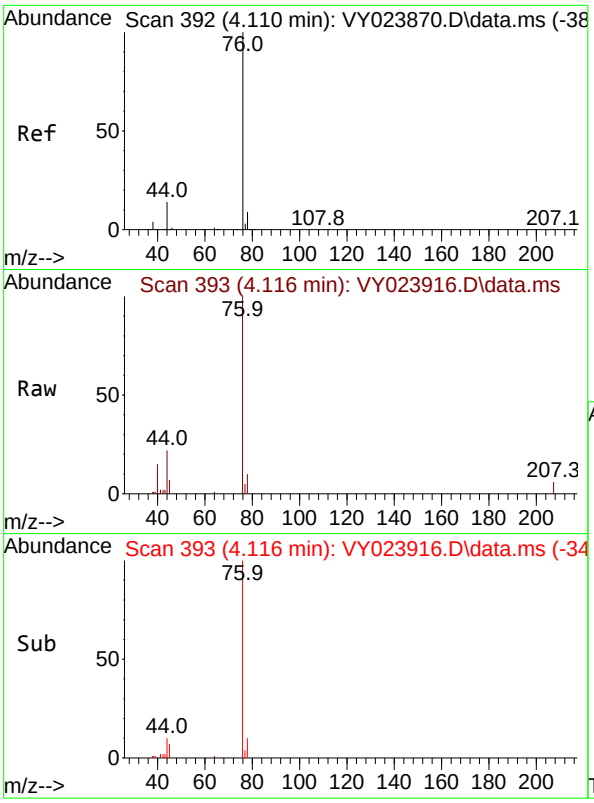


#16
Acetone
Concen: 17.150 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Tgt Ion: 43 Resp: 7749

Ion	Ratio	Lower	Upper
43	100		
58	24.5	25.1	37.7#



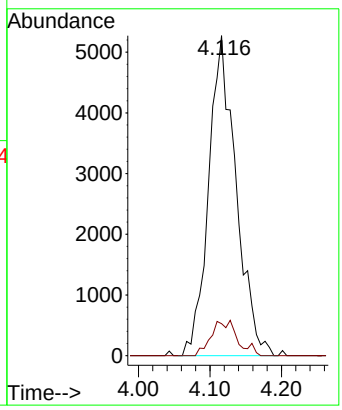


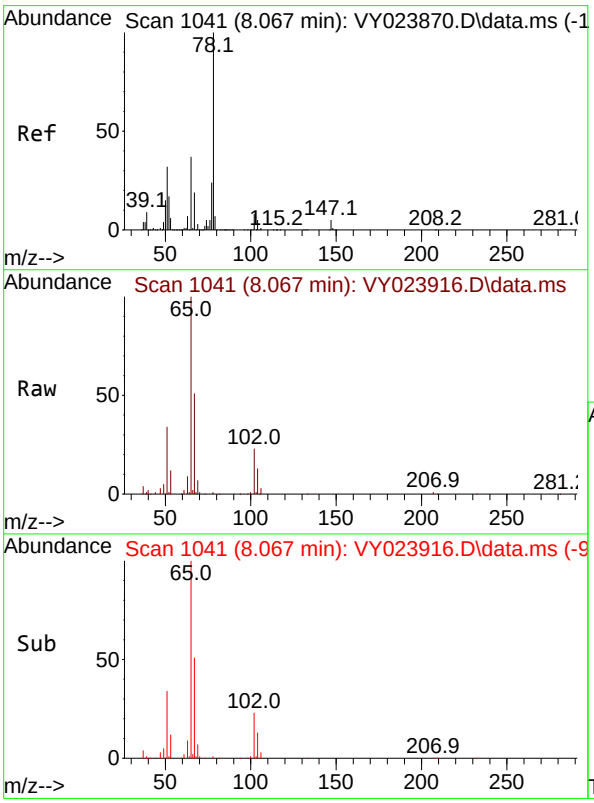
#17
Carbon Disulfide
Concen: 3.274 ug/l
RT: 4.116 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Instrument :
MSVOA_Y
ClientSampleId :
SW-10

Tgt Ion: 76 Resp: 14045

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.1	10.7

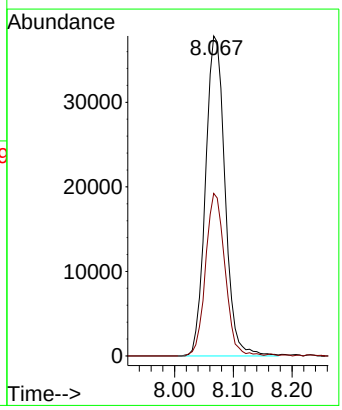


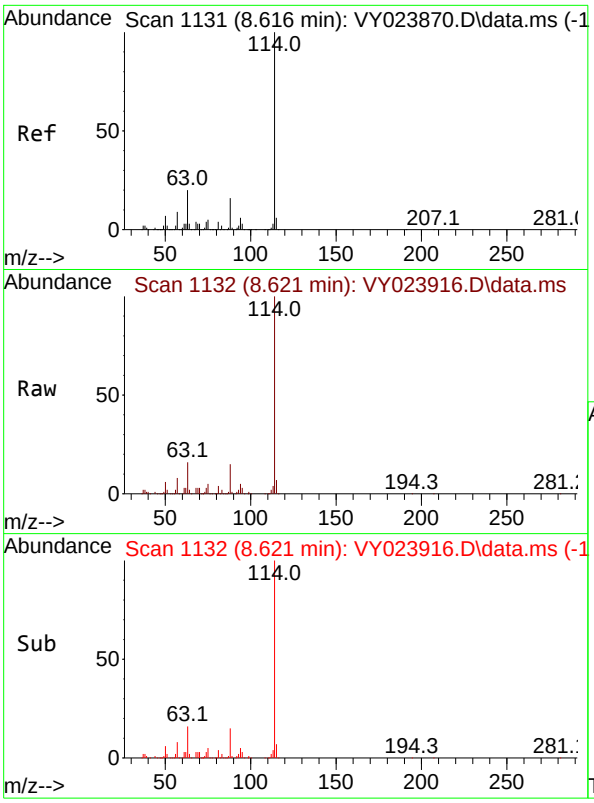


#33
1,2-Dichloroethane-d4
Concen: 57.889 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Tgt Ion: 65 Resp: 87290

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	107.2



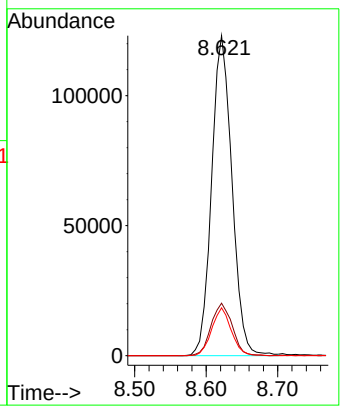


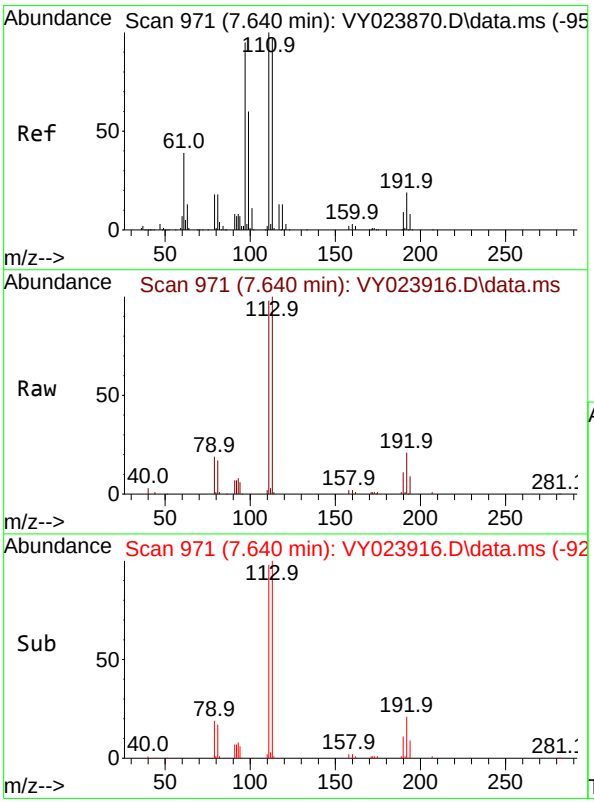
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Instrument :
MSVOA_Y
ClientSampleId :
SW-10

Tgt Ion:114 Resp: 243230

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	39.2
88	15.0	0.0	31.4

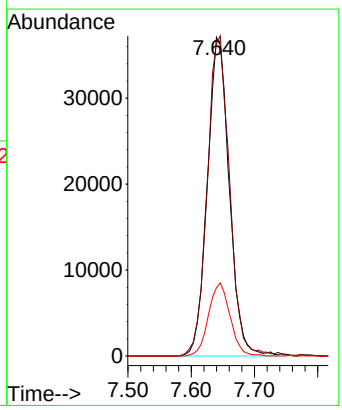


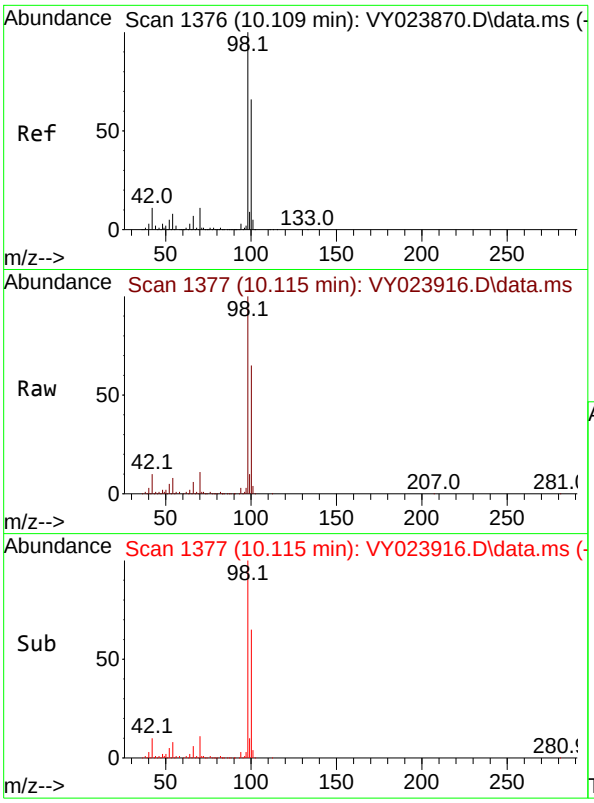


#35
Dibromofluoromethane
Concen: 57.368 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Tgt Ion:113 Resp: 89495

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.2
192	22.5	15.8	23.8



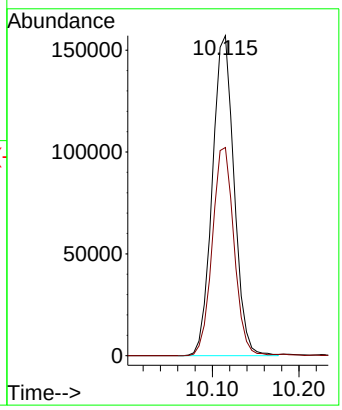


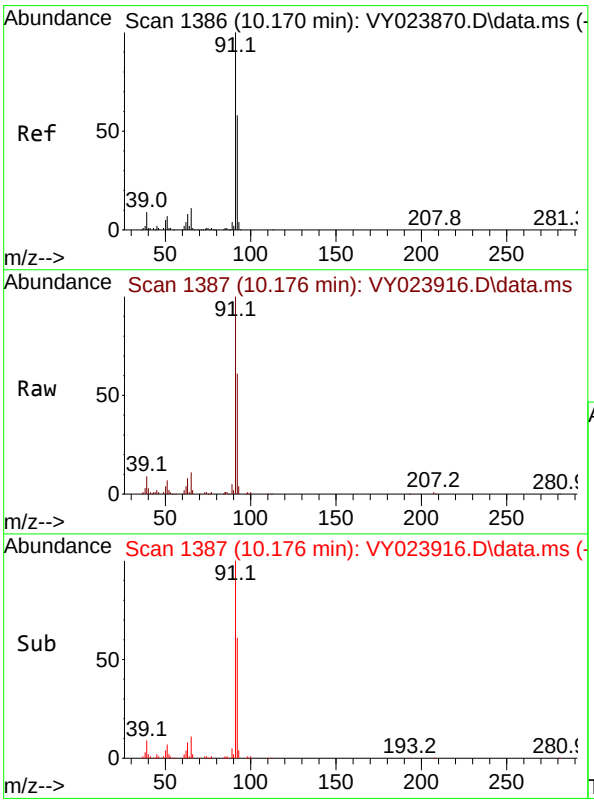
#50
Toluene-d8
Concen: 45.137 ug/l
RT: 10.115 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Instrument :
MSVOA_Y
ClientSampleId :
SW-10

Tgt Ion: 98 Resp: 274011

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.5	78.7

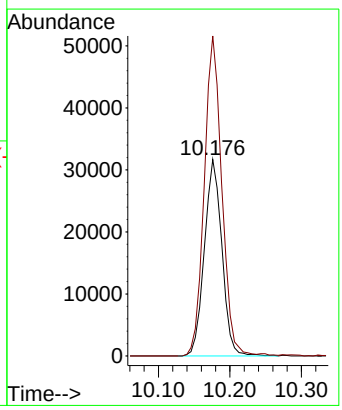


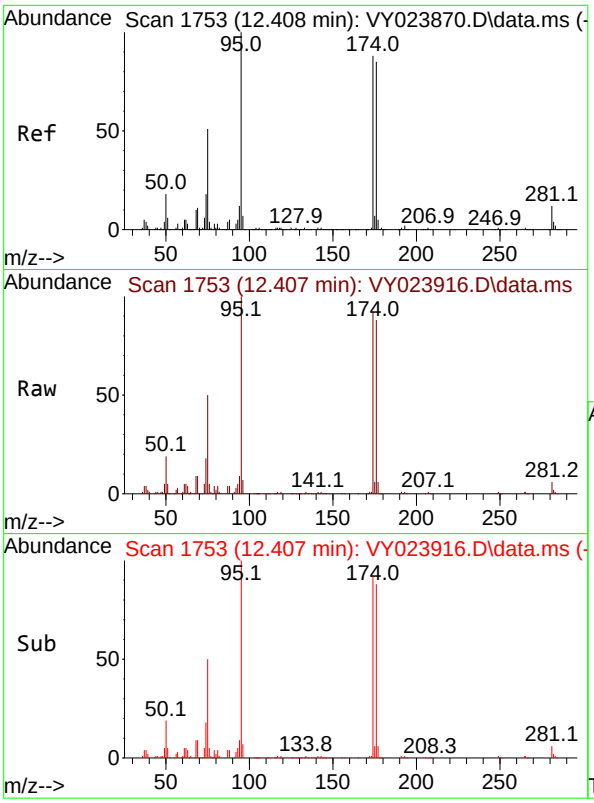


#52
Toluene
Concen: 12.393 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Tgt Ion: 92 Resp: 53960

Ion	Ratio	Lower	Upper
92	100		
91	163.0	137.3	205.9



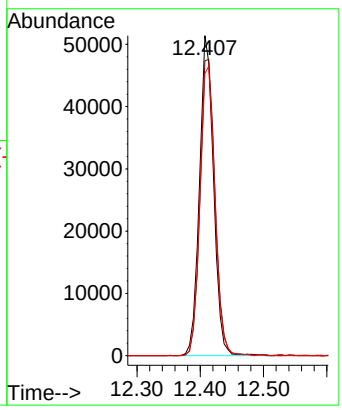


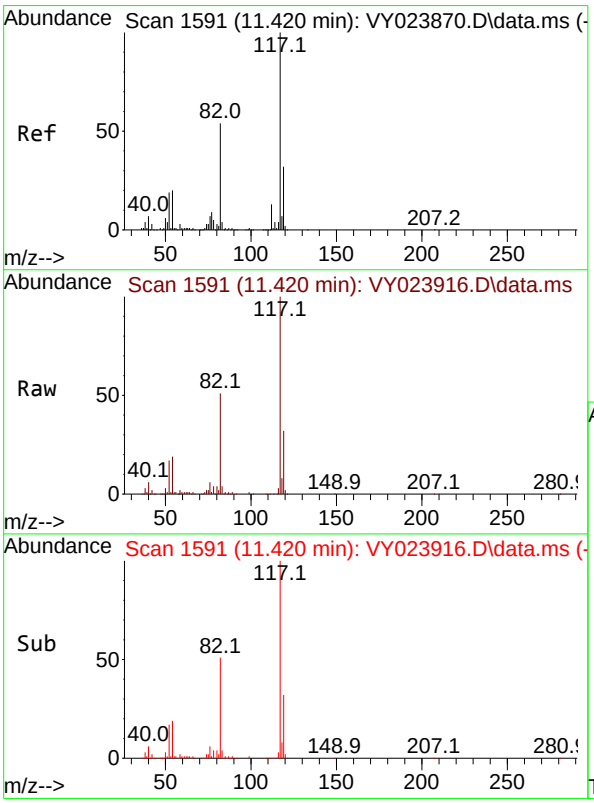
#62
4-Bromofluorobenzene
Concen: 38.637 ug/l
RT: 12.407 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Instrument :
MSVOA_Y
ClientSampleId :
SW-10

Tgt Ion: 95 Resp: 80001

Ion	Ratio	Lower	Upper
95	100		
174	98.5	0.0	169.6
176	96.2	0.0	164.4

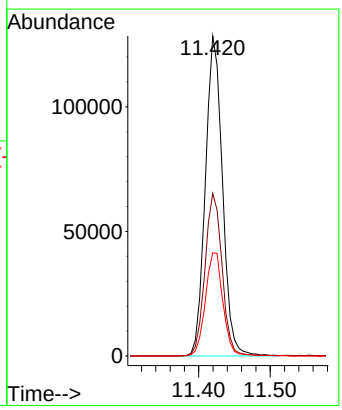


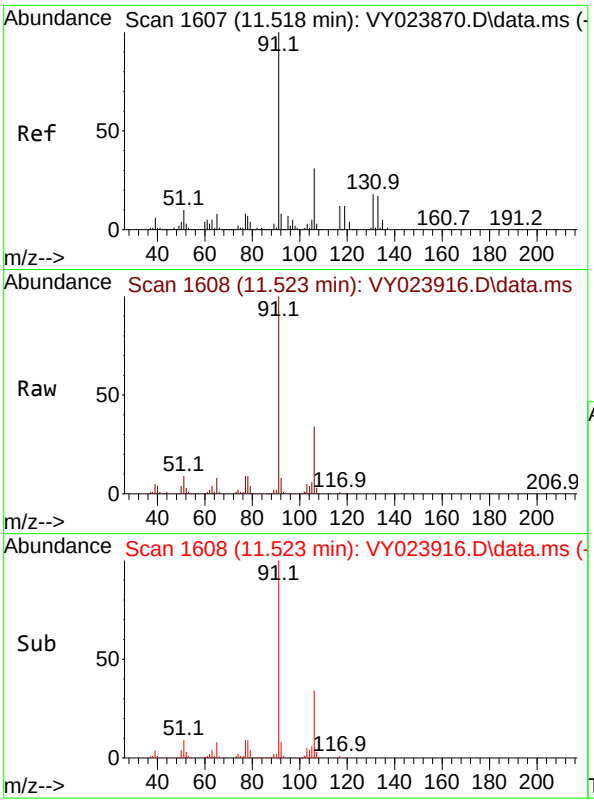


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Tgt Ion:117 Resp: 213434

Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.1	64.7
119	32.3	26.0	39.0



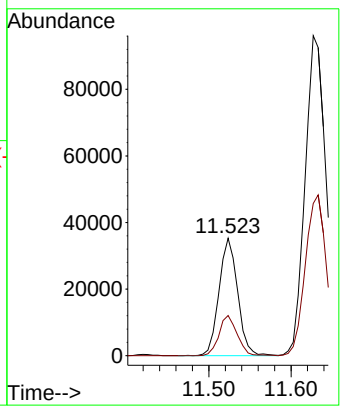


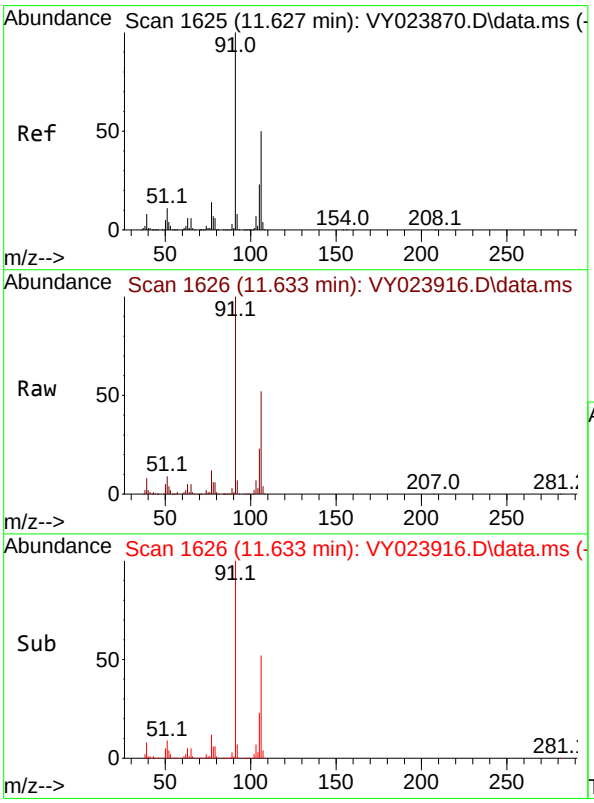
#67
Ethyl Benzene
Concen: 6.603 ug/l
RT: 11.523 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Instrument :
MSVOA_Y
ClientSampleId :
SW-10

Tgt Ion: 91 Resp: 55610

Ion	Ratio	Lower	Upper
91	100		
106	34.3	25.0	37.6

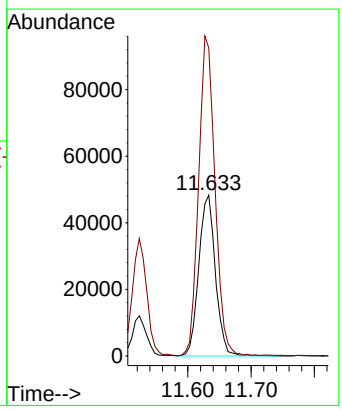


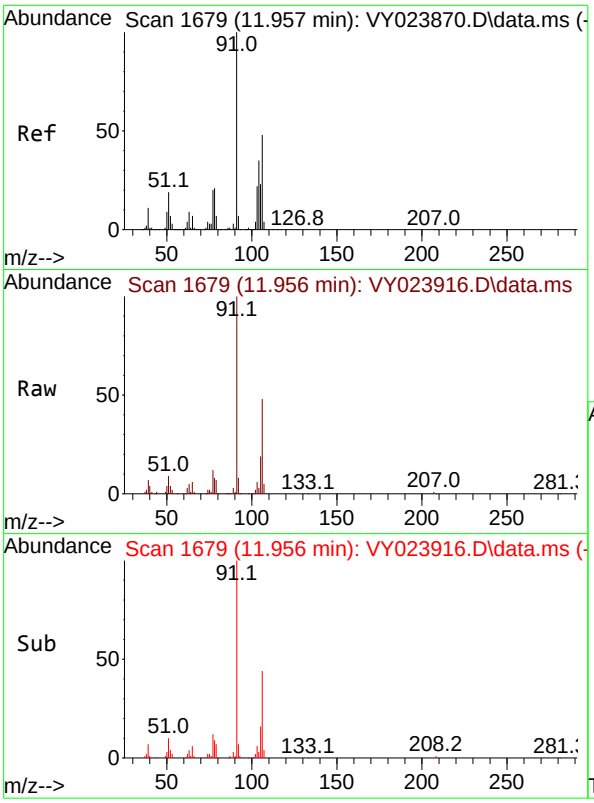


#68
m/p-Xylenes
Concen: 27.476 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Tgt Ion:106 Resp: 88444

Ion	Ratio	Lower	Upper
106	100		
91	195.4	159.7	239.5



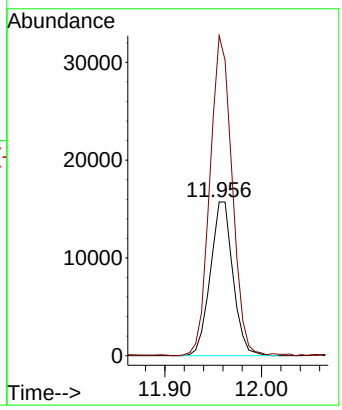


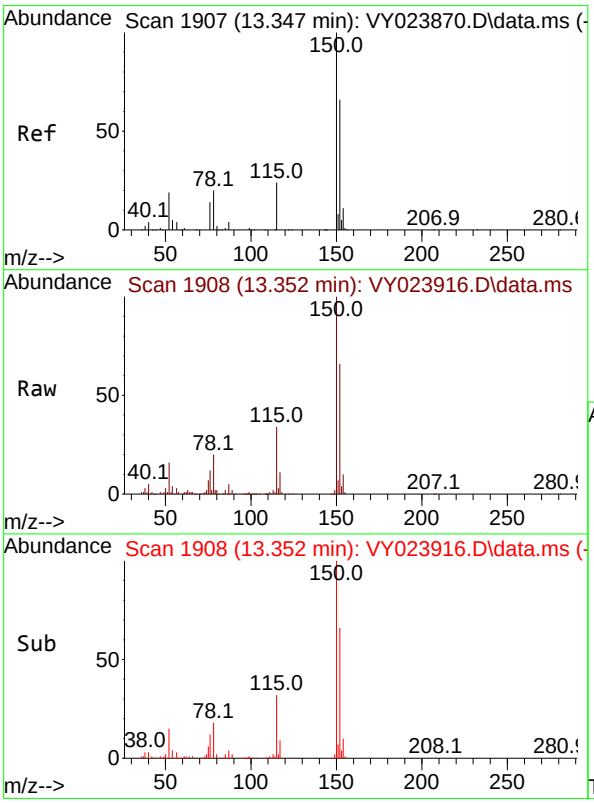
#69
o-Xylene
Concen: 8.484 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Instrument :
MSVOA_Y
ClientSampleId :
SW-10

Tgt Ion:106 Resp: 25543

Ion	Ratio	Lower	Upper
106	100		
91	205.6	104.4	313.1

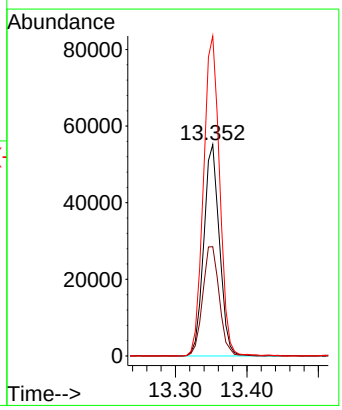


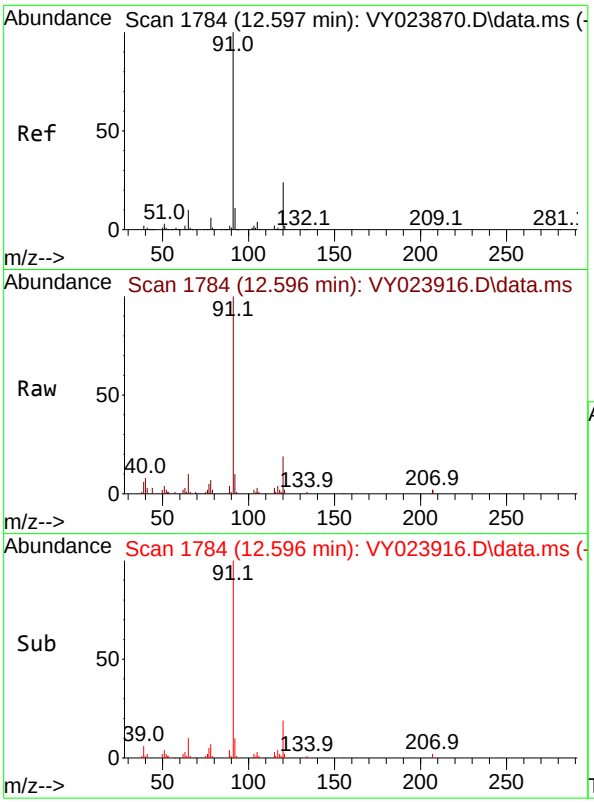


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Tgt Ion:152 Resp: 84129

Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.8	86.4
150	155.8	0.0	352.2



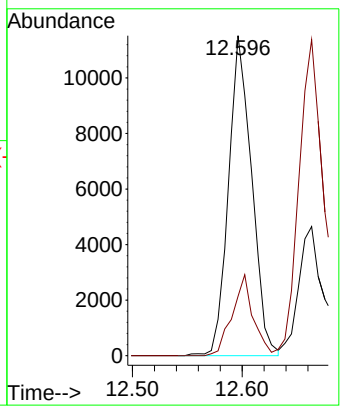


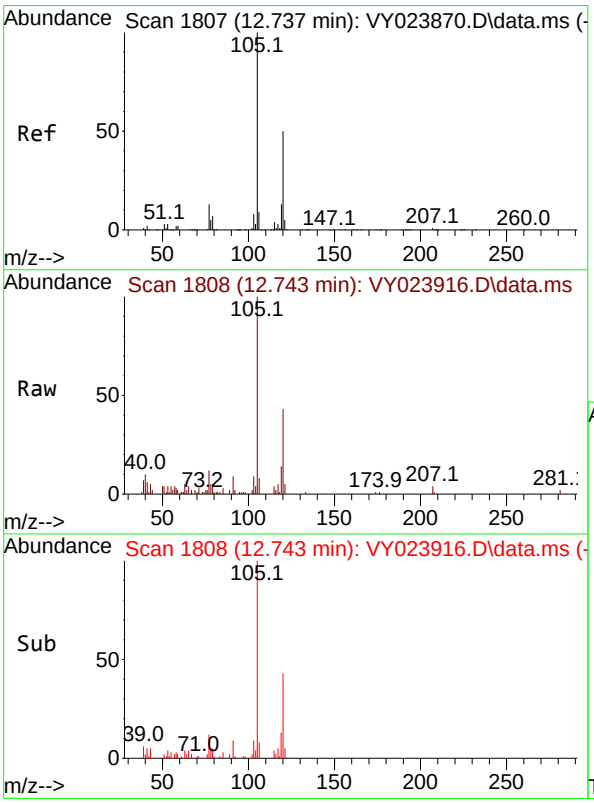
#78
n-propylbenzene
Concen: 2.261 ug/l
RT: 12.596 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Instrument :
MSVOA_Y
ClientSampleId :
SW-10

Tgt Ion: 91 Resp: 16909

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.5	34.5

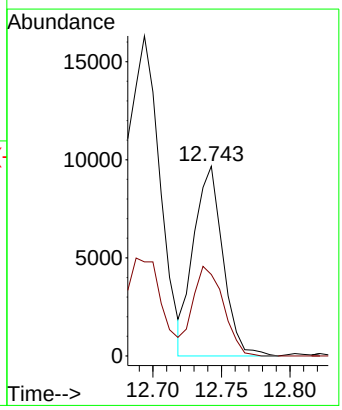


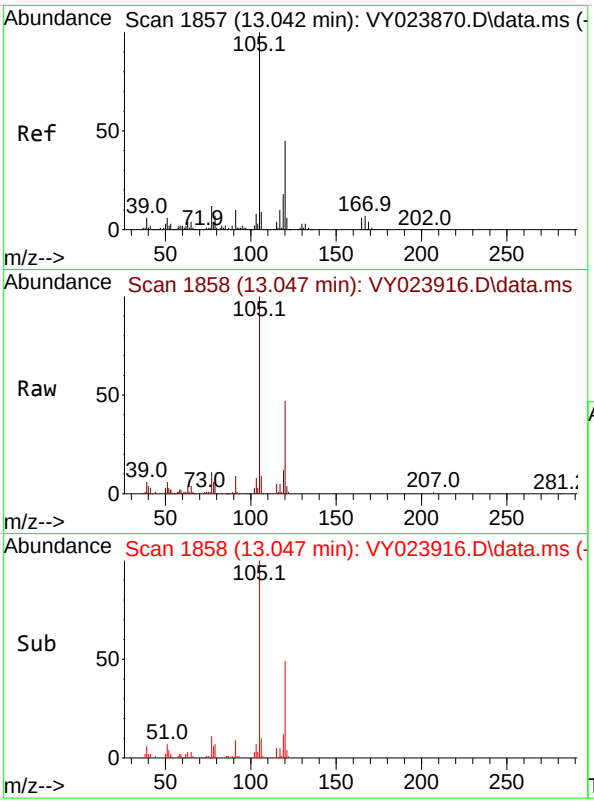


#80
1,3,5-Trimethylbenzene
Concen: 2.858 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Tgt Ion:105 Resp: 14396

Ion	Ratio	Lower	Upper
105	100		
120	49.5	24.9	74.6





#84
1,2,4-Trimethylbenzene
Concen: 9.988 ug/l
RT: 13.047 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023916.D
Acq: 09 Dec 2025 18:14

Instrument :
MSVOA_Y
ClientSampleId :
SW-10

Tgt Ion:105 Resp: 49836

Ion	Ratio	Lower	Upper
105	100		
120	47.3	22.4	67.3