Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048123.D
Acq On : 10 Oct 2025 19:19
Operator : JC/MD
Sample : Q3315-01ME
Misc : 3.10g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
314ME

Quant Time: Oct 10 22:58:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	106740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	216378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	224925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	96326	56.695	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.380%			
35) Dibromofluoromethane	5.379	113	76108	52.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.900%			
50) Toluene-d8	8.634	98	266367	53.048	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.100%			
62) 4-Bromofluorobenzene	11.067	95	117942	61.890	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 123.780%#			
Target Compounds						Qvalue
16) Acetone	2.392	43	488267	660.942	ug/l	97
25) 2-Butanone	4.580	43	2647m	2.873	ug/l	
39) Methylcyclohexane	7.366	83	11629	4.831	ug/l	96
52) Toluene	8.702	92	1103469	278.097	ug/l	98
67) Ethyl Benzene	10.177	91	457944	51.941	ug/l	100
68) m/p-Xylenes	10.287	106	733354	223.472	ug/l	99
69) o-Xylene	10.628	106	214707	67.643	ug/l	100
84) 1,2,4-Trimethylbenzene	11.738	105	11668	1.555	ug/l	97
86) p-Isopropyltoluene	11.994	119	16418	2.155	ug/l	95

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

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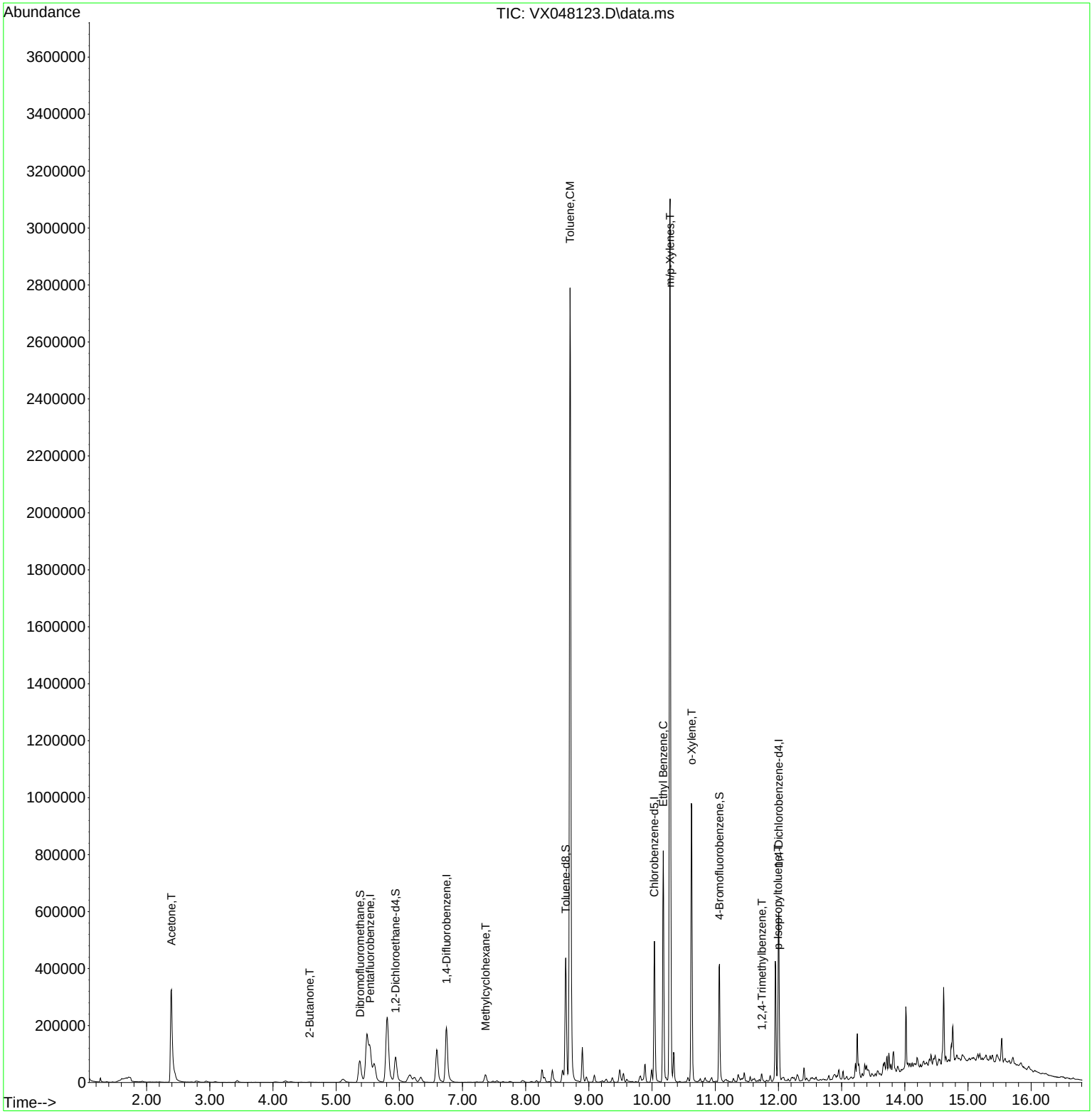
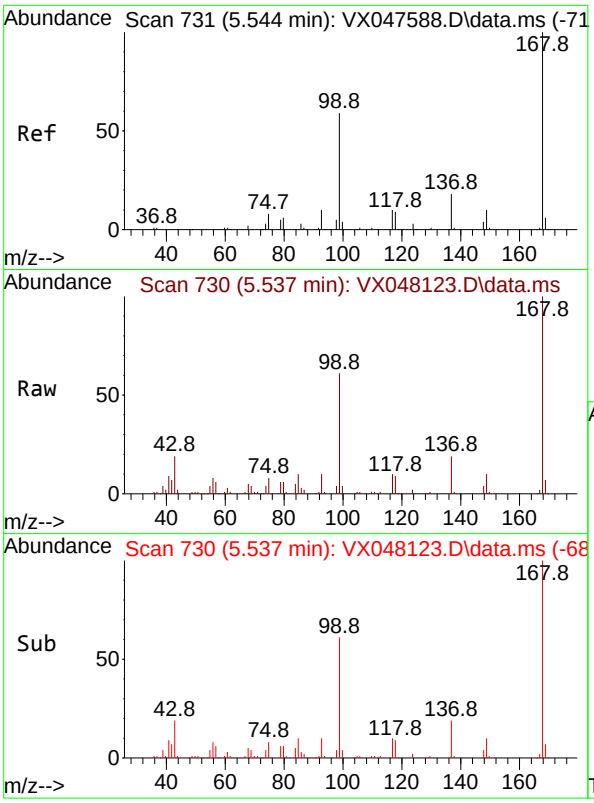


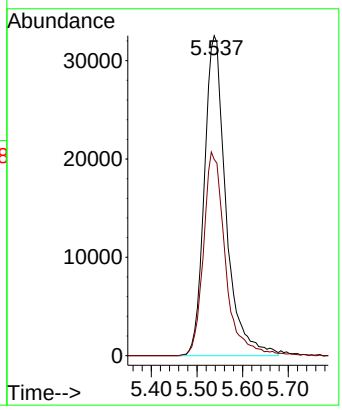


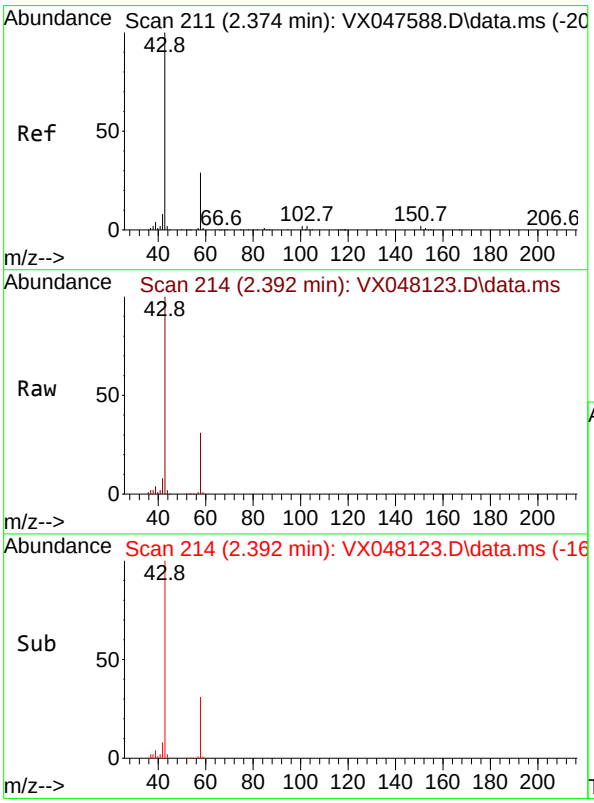
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
314ME

Tgt Ion:168 Resp: 106740

Ion	Ratio	Lower	Upper
168	100		
99	61.3	48.8	73.2

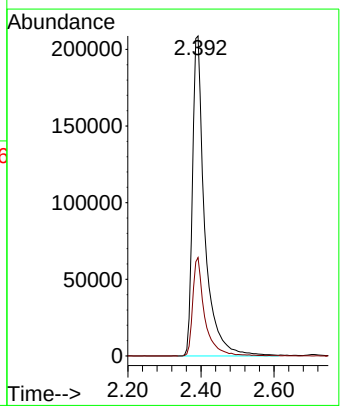


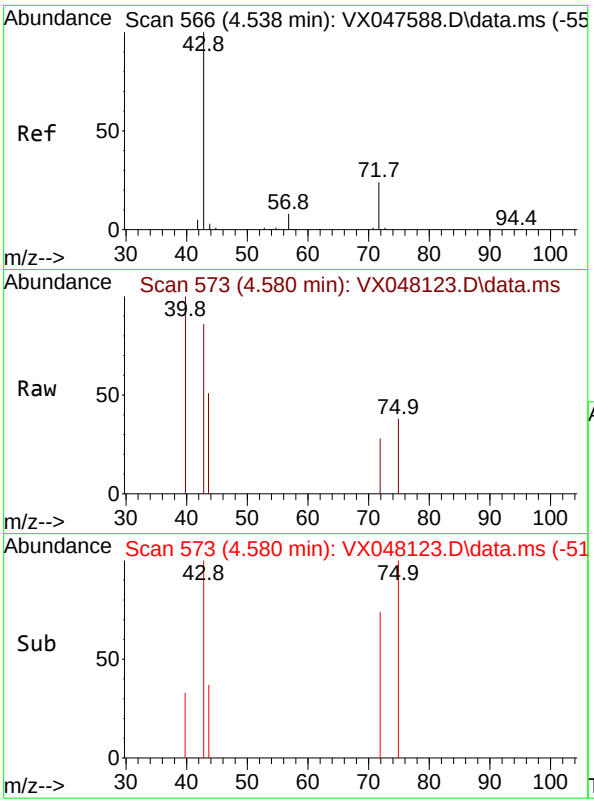


#16
Acetone
Concen: 660.942 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Tgt Ion: 43 Resp: 488267

Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.4	35.0



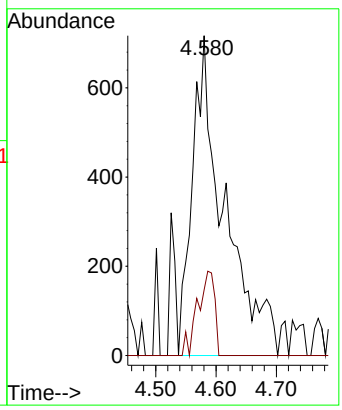


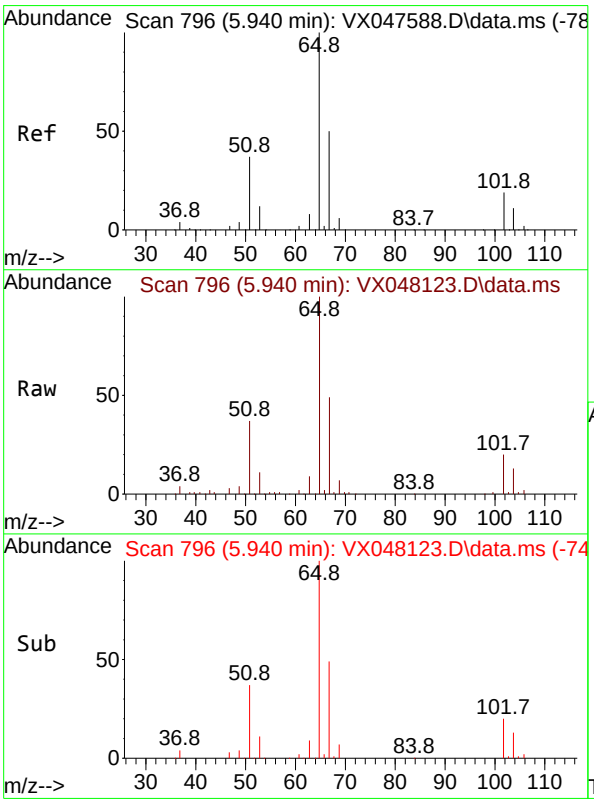
#25
2-Butanone
Concen: 2.873 ug/l m
RT: 4.580 min Scan# 5
Delta R.T. 0.042 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
314ME

Tgt Ion: 43 Resp: 2647

Ion	Ratio	Lower	Upper
43	100		
72	32.7	20.1	30.1#

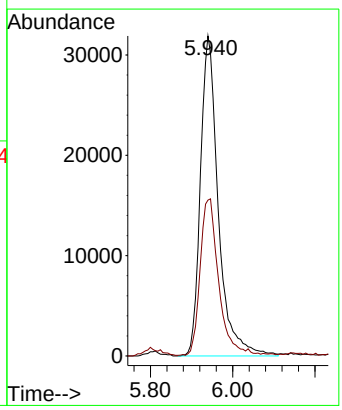


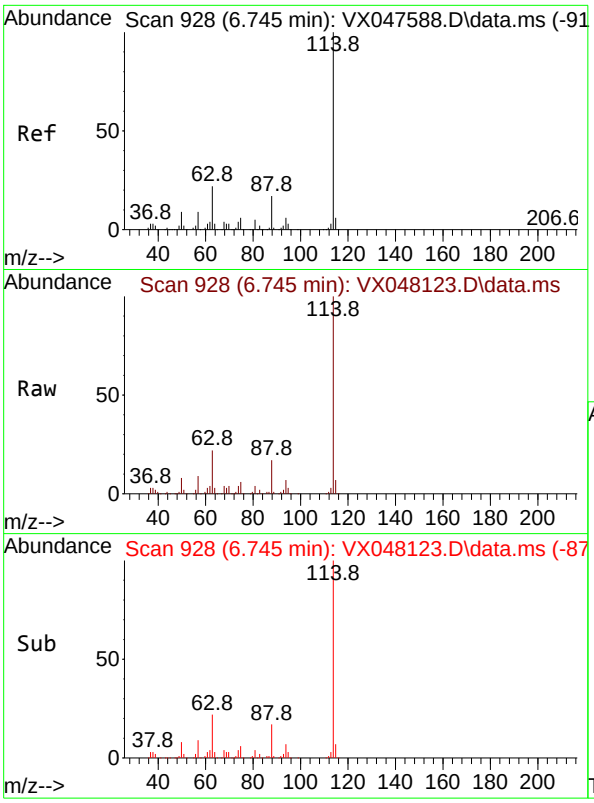


#33
1,2-Dichloroethane-d4
Concen: 56.695 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Tgt Ion: 65 Resp: 96326

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	103.0



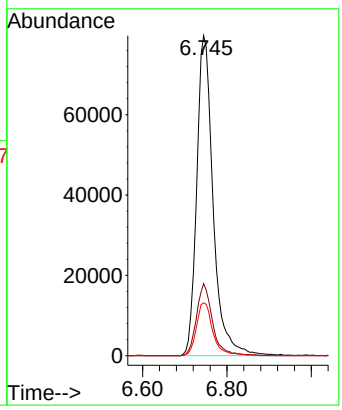


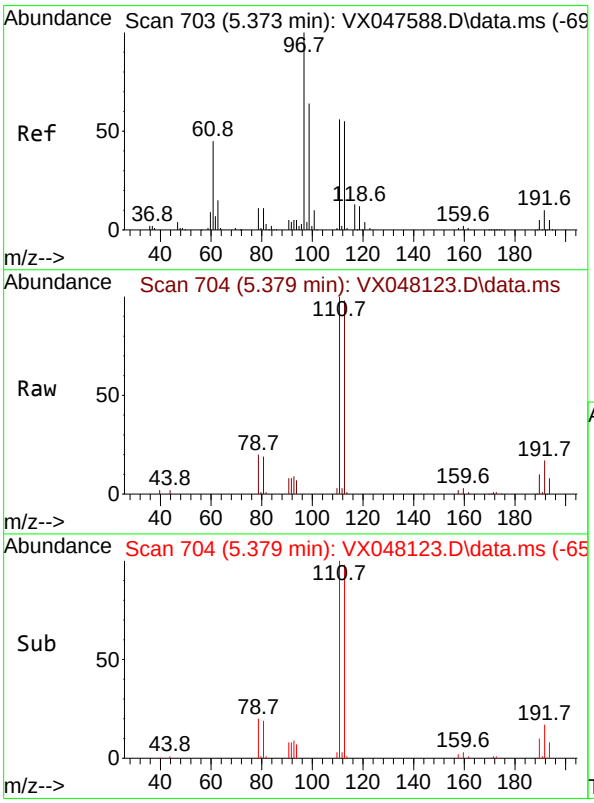
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
314ME

Tgt Ion:114 Resp: 216378

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	16.5	0.0	34.2

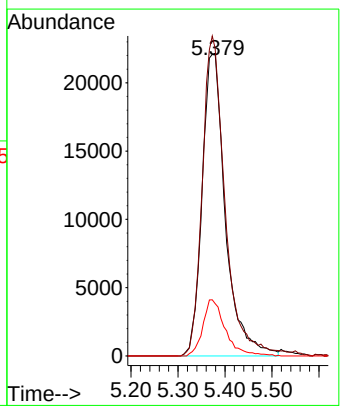


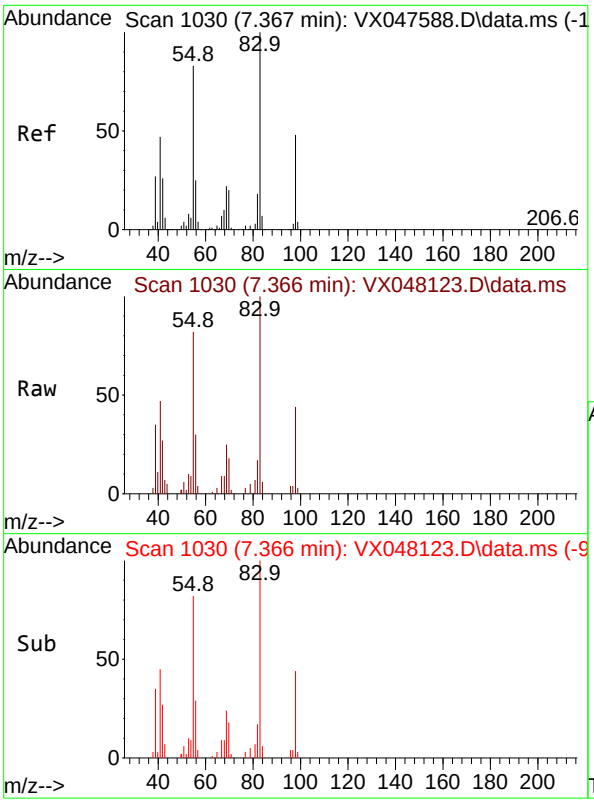


#35
Dibromofluoromethane
Concen: 52.447 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Tgt Ion:113 Resp: 76108

Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.9	121.3
192	18.0	14.2	21.4



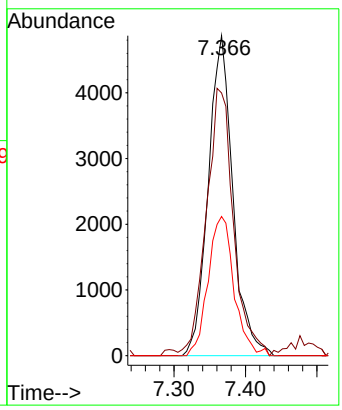


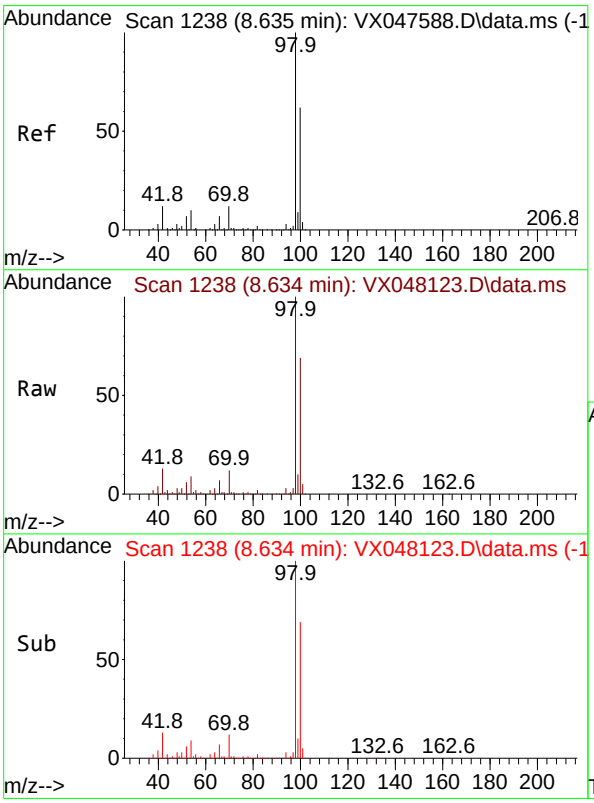
#39
Methylcyclohexane
Concen: 4.831 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
314ME

Tgt Ion: 83 Resp: 11629

Ion	Ratio	Lower	Upper
83	100		
55	81.1	66.4	99.6
98	43.5	38.1	57.1

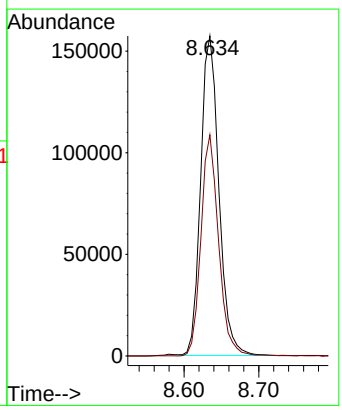


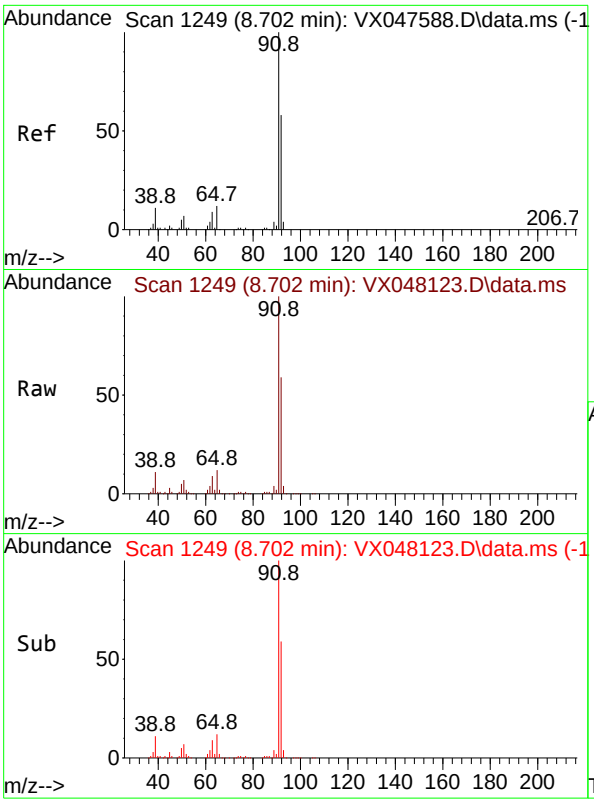


#50
Toluene-d8
Concen: 53.048 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Tgt Ion: 98 Resp: 266367

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.4



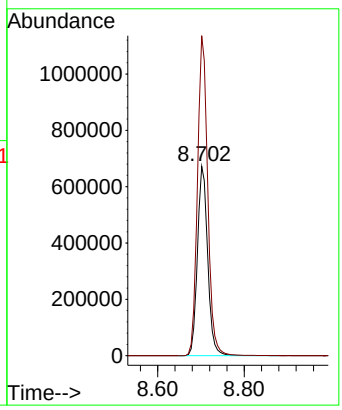


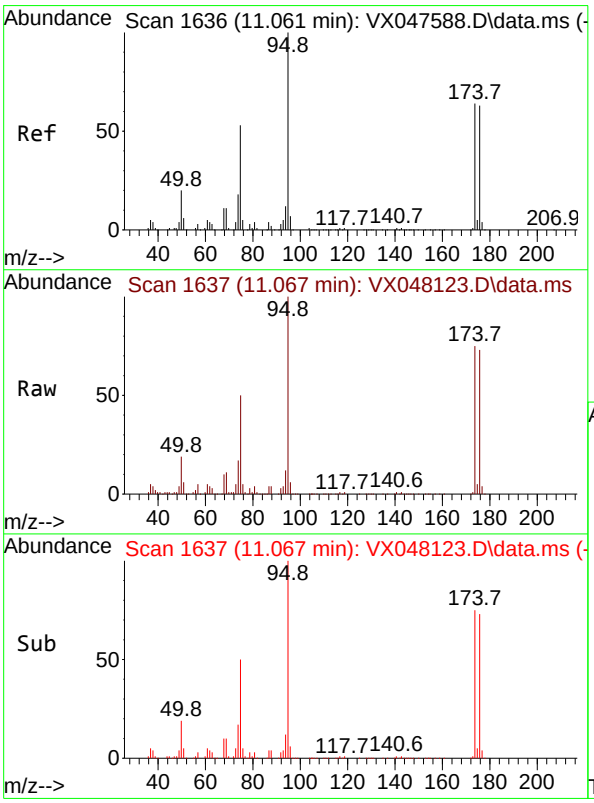
#52
Toluene
Concen: 278.097 ug/l
RT: 8.702 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
314ME

Tgt Ion: 92 Resp: 1103469

Ion	Ratio	Lower	Upper
92	100		
91	168.9	137.1	205.7

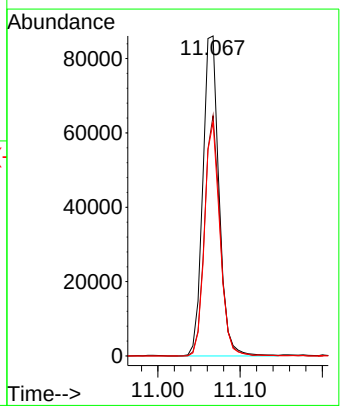


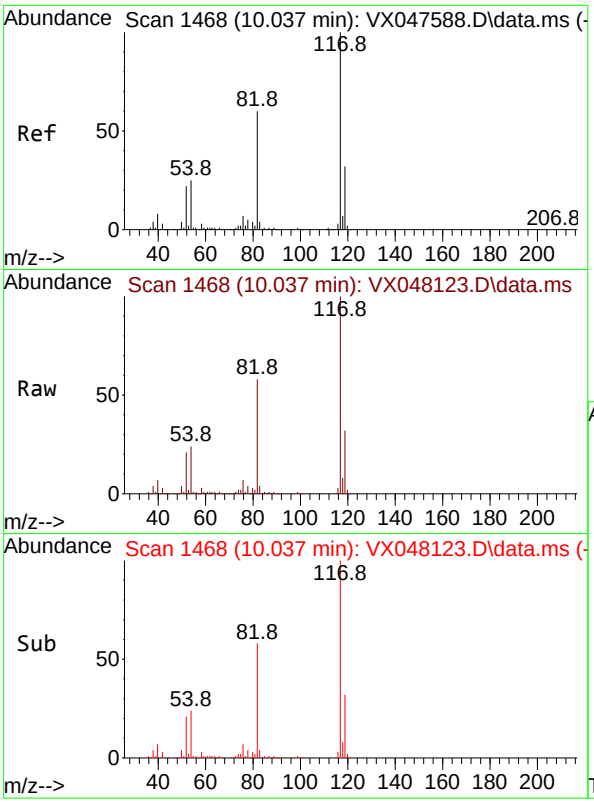


#62
4-Bromofluorobenzene
Concen: 61.890 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Tgt Ion: 95 Resp: 117942

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	141.6
176	69.3	0.0	138.4



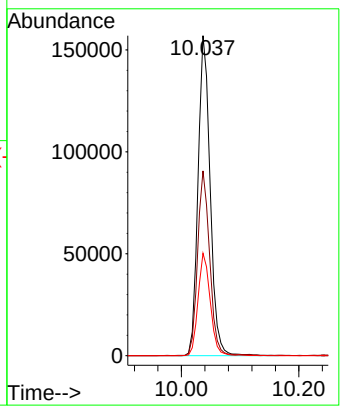


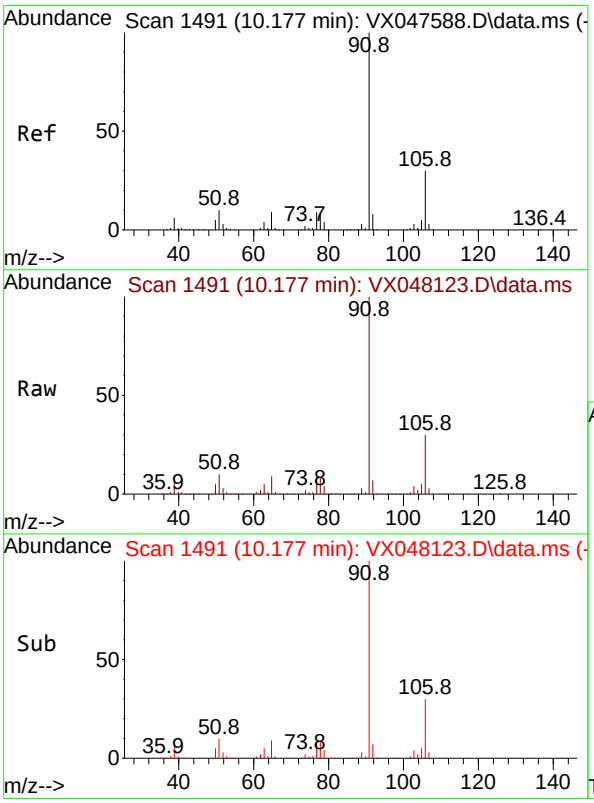
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
314ME

Tgt Ion:117 Resp: 224925

Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.8	71.6
119	32.0	25.2	37.8

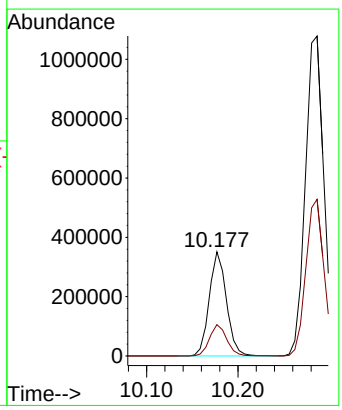


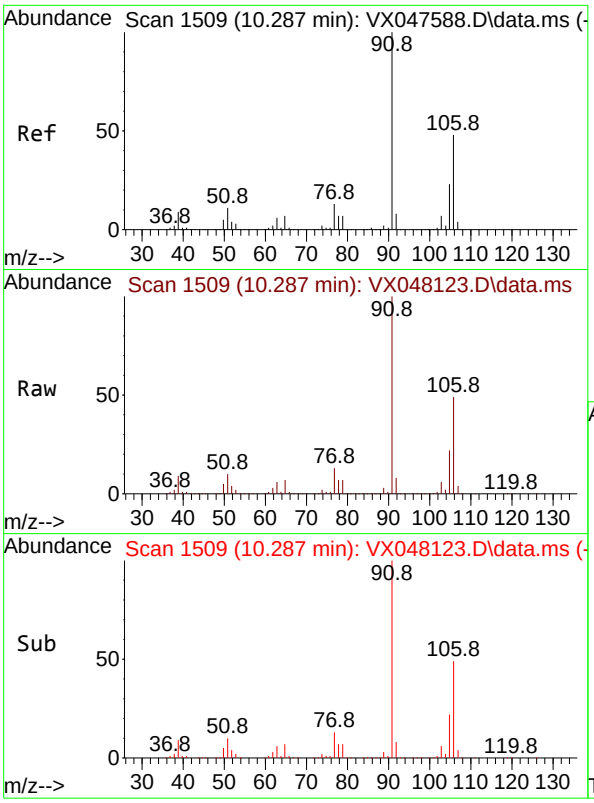


#67
Ethyl Benzene
Concen: 51.941 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Tgt Ion: 91 Resp: 457944

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.3	36.5



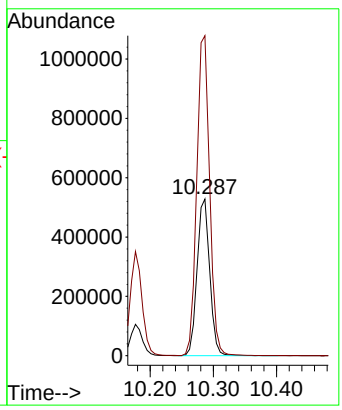


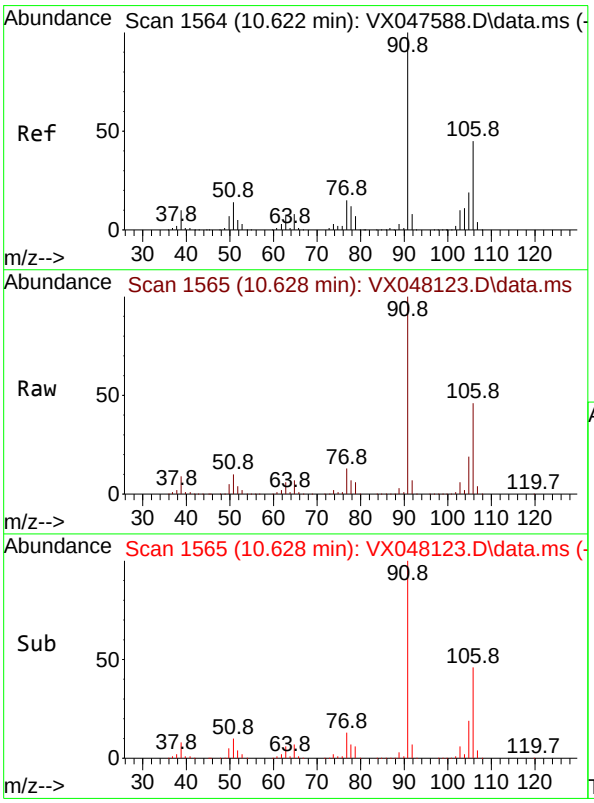
#68
m/p-Xylenes
Concen: 223.472 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
314ME

Tgt Ion:106 Resp: 733354

Ion	Ratio	Lower	Upper
106	100		
91	208.0	167.8	251.8

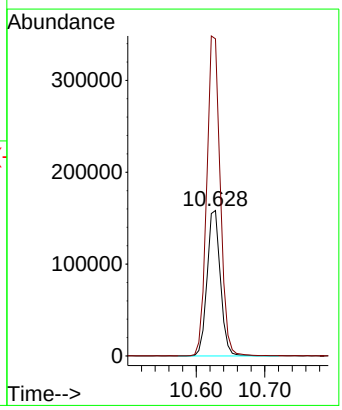


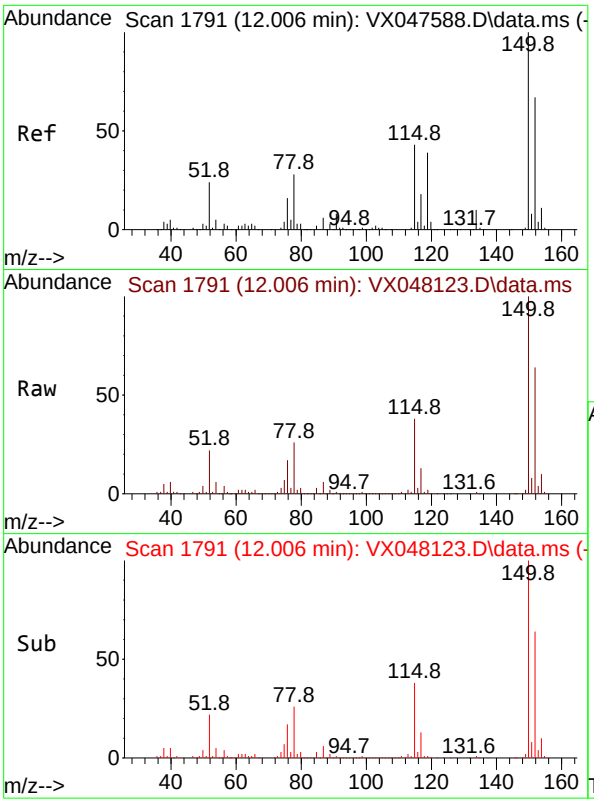


#69
o-Xylene
Concen: 67.643 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Tgt Ion:106 Resp: 214707

Ion	Ratio	Lower	Upper
106	100		
91	222.0	111.1	333.4



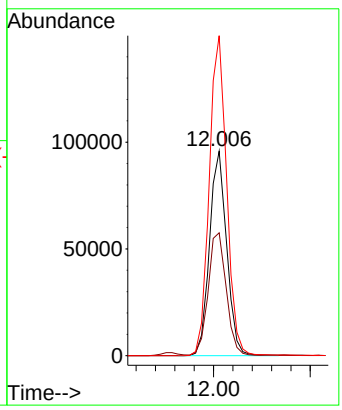


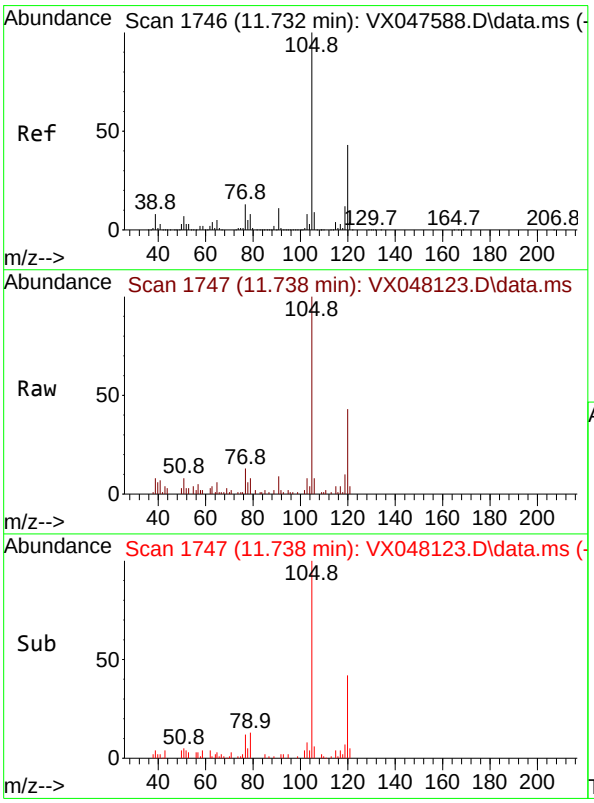
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
314ME

Tgt Ion:152 Resp: 118476

Ion	Ratio	Lower	Upper
152	100		
115	62.9	44.9	134.5
150	158.3	0.0	352.0

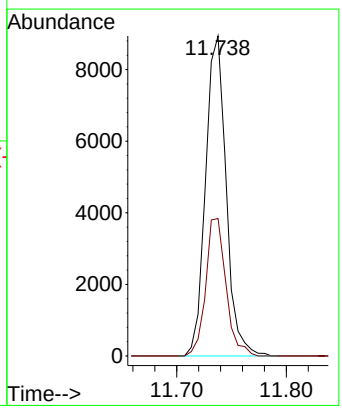


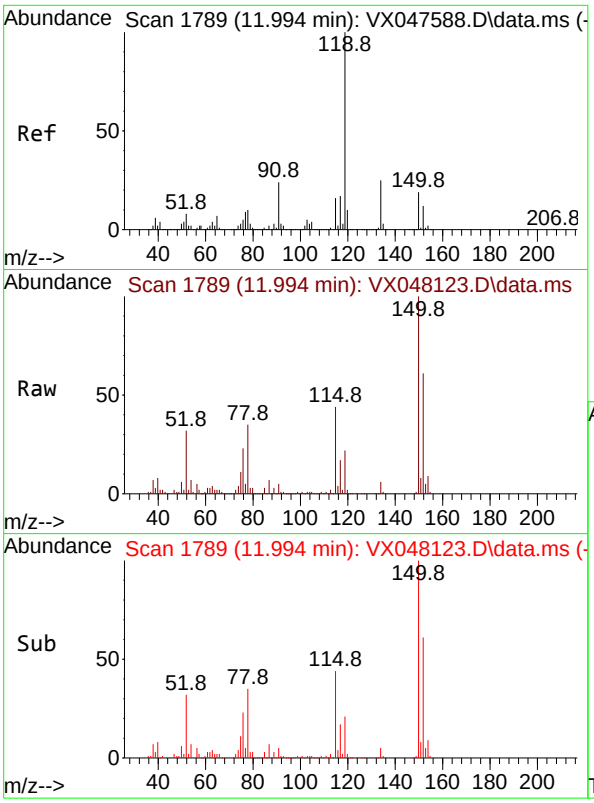


#84
1,2,4-Trimethylbenzene
Concen: 1.555 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Tgt Ion:105 Resp: 11668

Ion	Ratio	Lower	Upper
105	100		
120	42.4	22.1	66.1





#86
p-Isopropyltoluene
Concen: 2.155 ug/l
RT: 11.994 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048123.D
Acq: 10 Oct 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
314ME

Tgt Ion:119 Resp: 16418

Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.6	37.8
91	28.6	12.6	37.6