Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
Data File : VX048480.D
Acq On : 04 Nov 2025 13:41
Operator : JC/MD
Sample : Q3488-04MEDL 10X
Misc : 5.36g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0302-0310MEDL

Quant Time: Nov 04 15:00:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	122355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	248101	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	226227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107463	61.071	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 122.140%#			
35) Dibromofluoromethane	5.373	113	74373	52.578	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.160%			
50) Toluene-d8	8.635	98	254749	40.799	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 81.600%#			
62) 4-Bromofluorobenzene	11.061	95	125043	53.534	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.060%			
Target Compounds						Qvalue
68) m/p-Xylenes	10.287	106	9879	2.973	ug/l	97
69) o-Xylene	10.628	106	4407	1.388	ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	20845	2.539	ug/l	98

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

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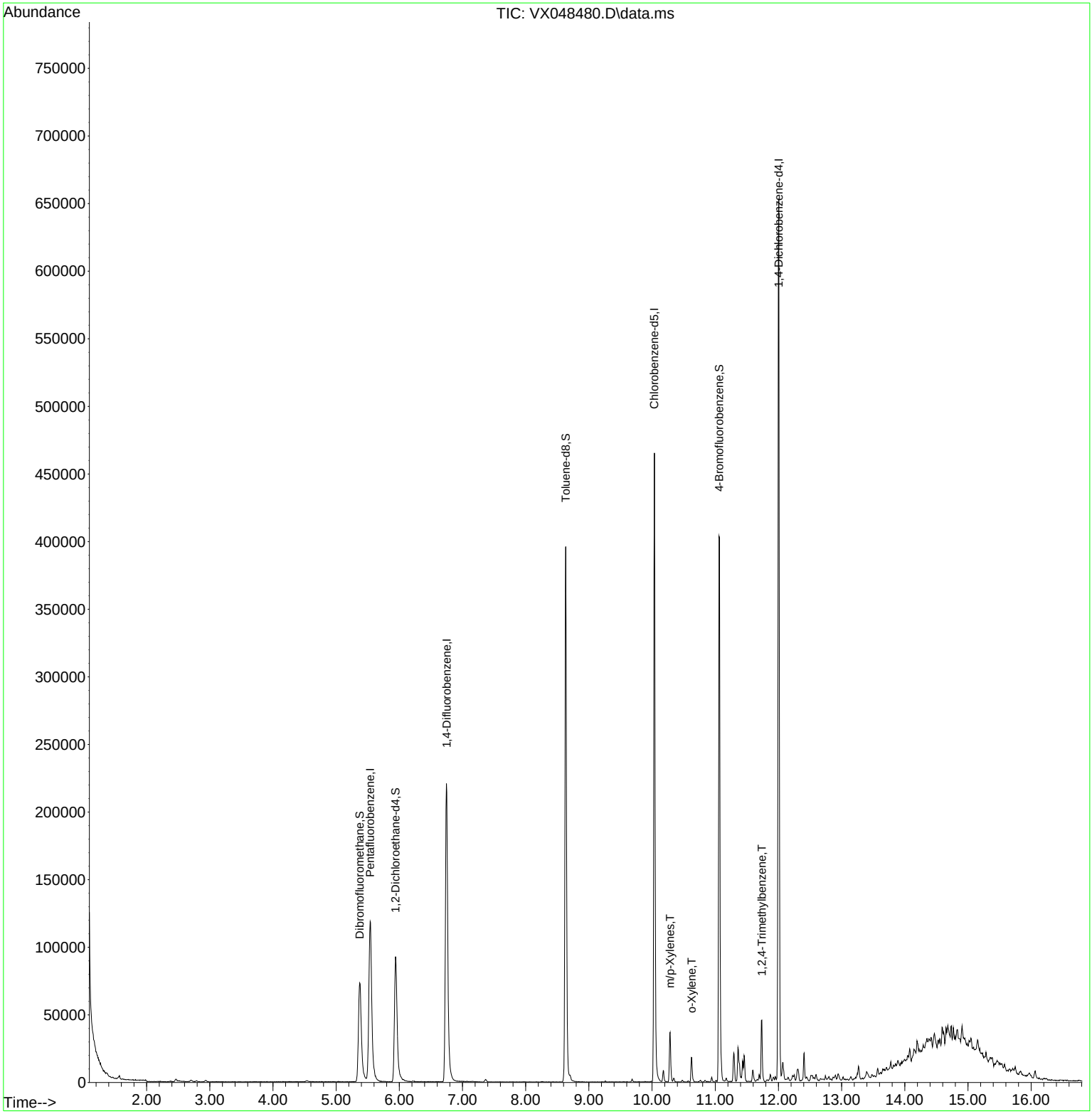
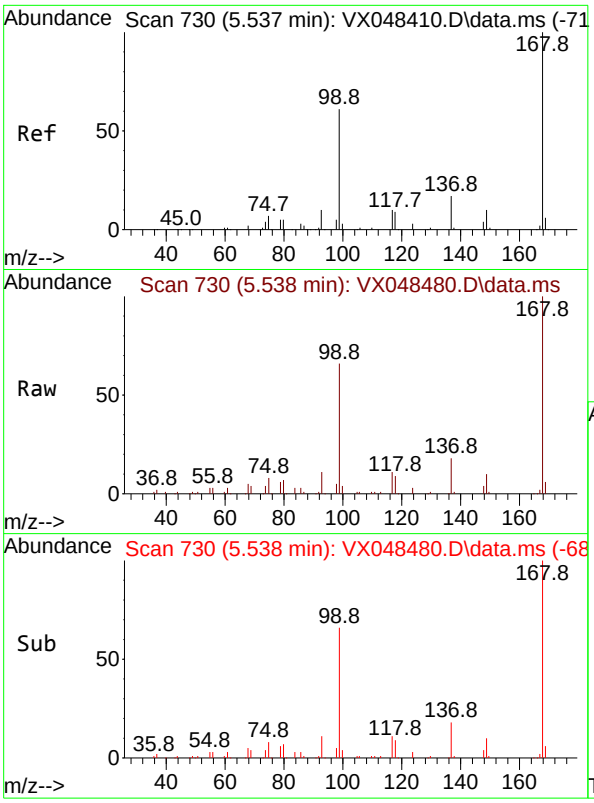


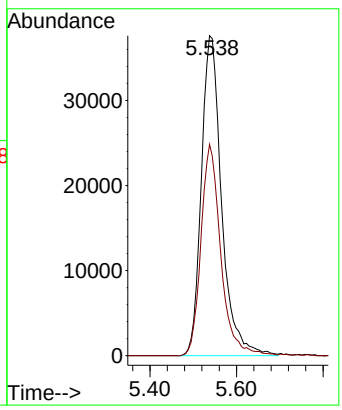


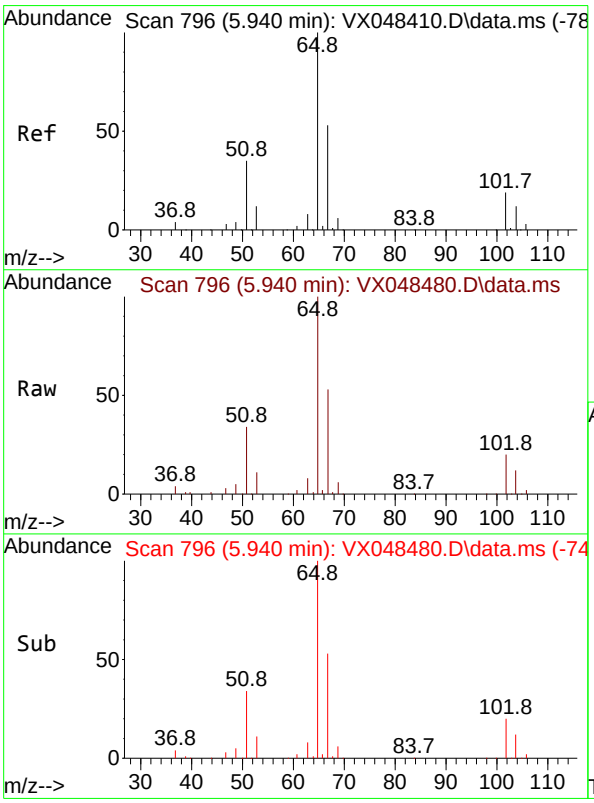
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX048480.D
Acq: 04 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0302-0310MEDL

Tgt Ion:168 Resp: 122355

Ion	Ratio	Lower	Upper
168	100		
99	66.1	46.4	69.6

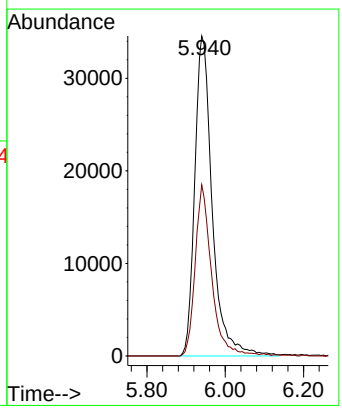


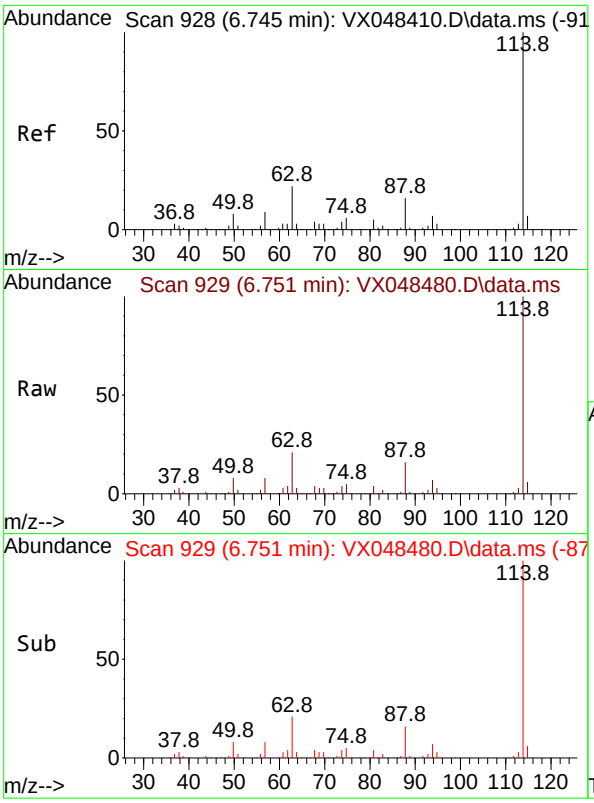


#33
1,2-Dichloroethane-d4
Concen: 61.071 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048480.D
Acq: 04 Nov 2025 13:41

Tgt Ion: 65 Resp: 107463

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	105.0



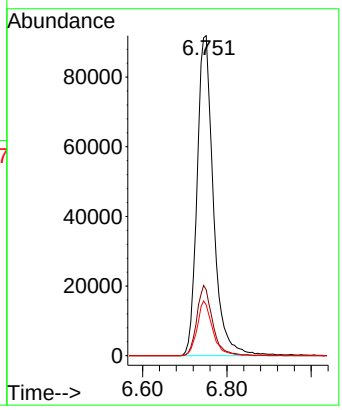


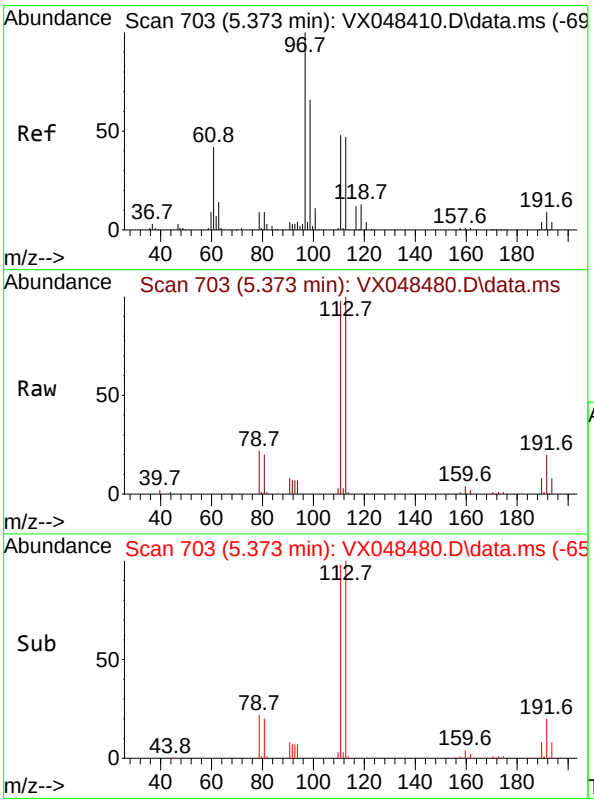
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048480.D
Acq: 04 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0302-0310MEDL

Tgt Ion:114 Resp: 248101

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	15.9	0.0	33.6

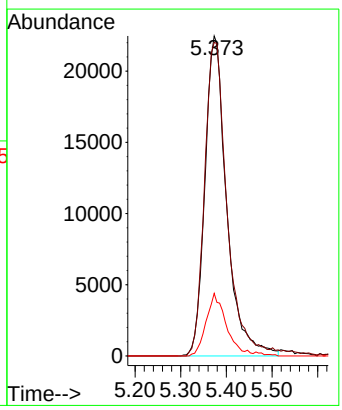


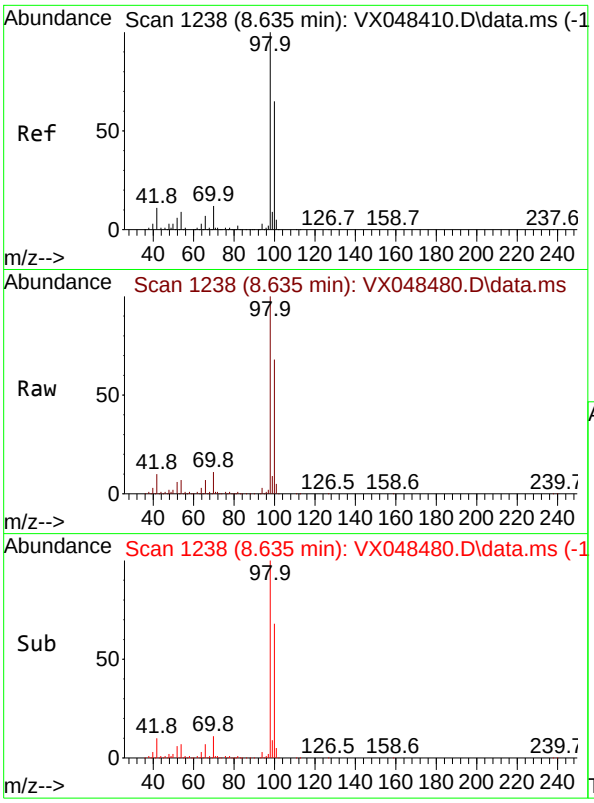


#35
Dibromofluoromethane
Concen: 52.578 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048480.D
Acq: 04 Nov 2025 13:41

Tgt Ion:113 Resp: 74373

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	18.1	15.1	22.7



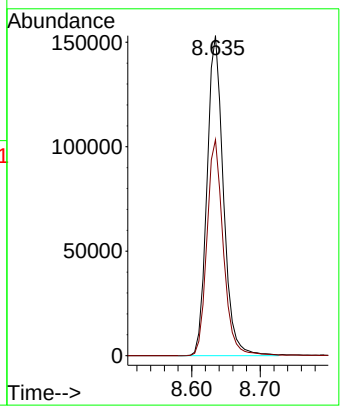


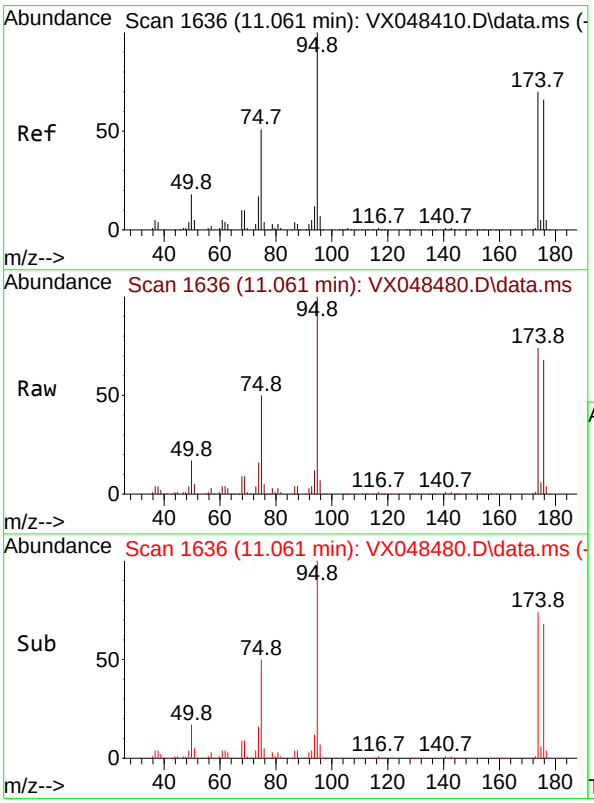
#50
Toluene-d8
Concen: 40.799 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048480.D
Acq: 04 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0302-0310MEDL

Tgt Ion: 98 Resp: 254749

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.0	79.4

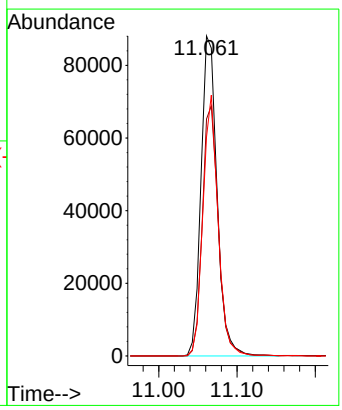


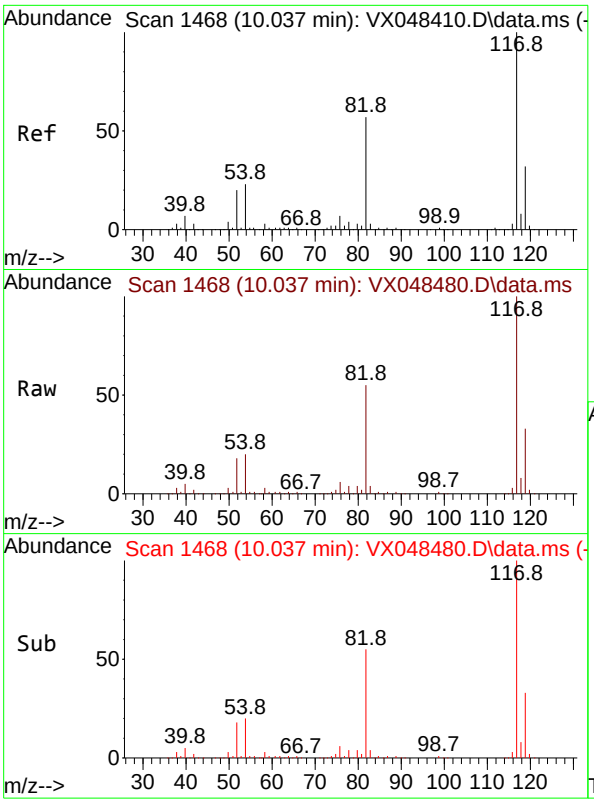


#62
4-Bromofluorobenzene
Concen: 53.534 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048480.D
Acq: 04 Nov 2025 13:41

Tgt Ion: 95 Resp: 125043

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	147.8
176	77.2	0.0	142.8



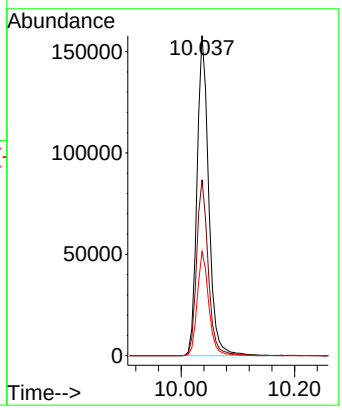


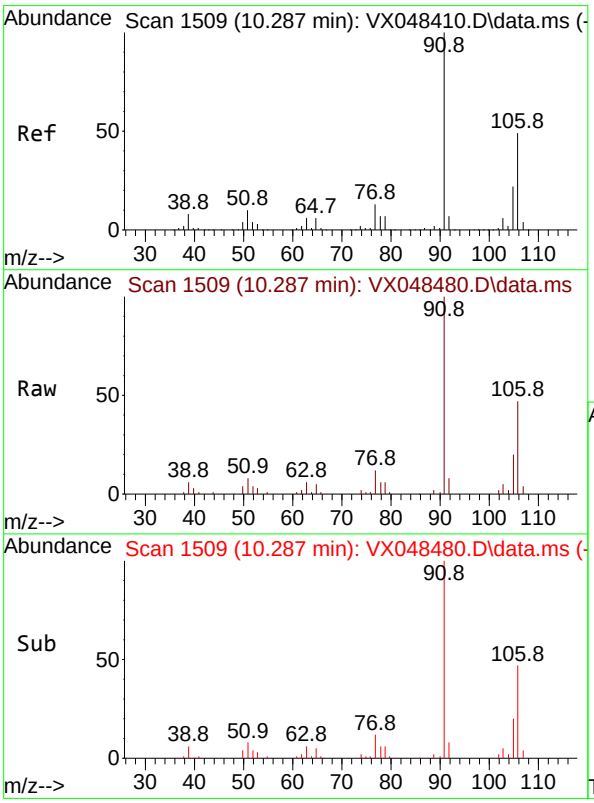
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048480.D
Acq: 04 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0302-0310MEDL

Tgt Ion:117 Resp: 226227

Ion	Ratio	Lower	Upper
117	100		
82	55.0	46.5	69.7
119	32.6	25.9	38.9

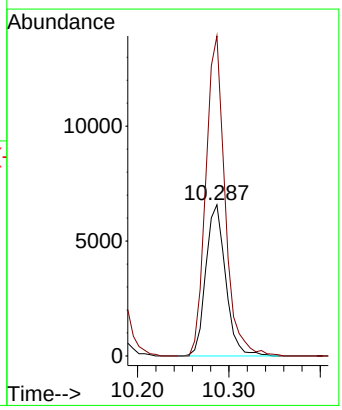


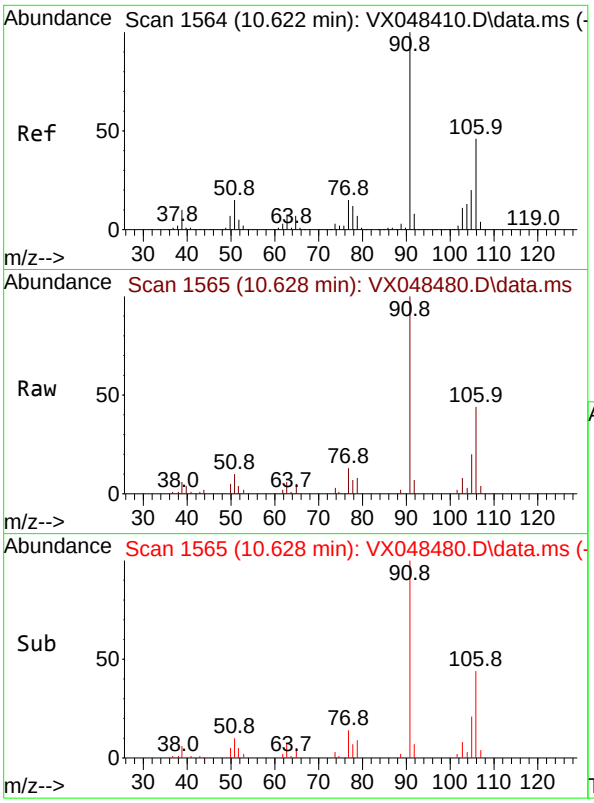


#68
m/p-Xylenes
Concen: 2.973 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048480.D
Acq: 04 Nov 2025 13:41

Tgt Ion:106 Resp: 9879

Ion	Ratio	Lower	Upper
106	100		
91	205.2	167.9	251.9



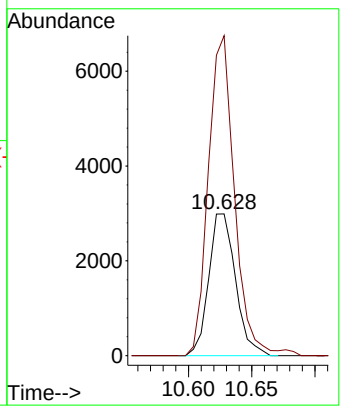


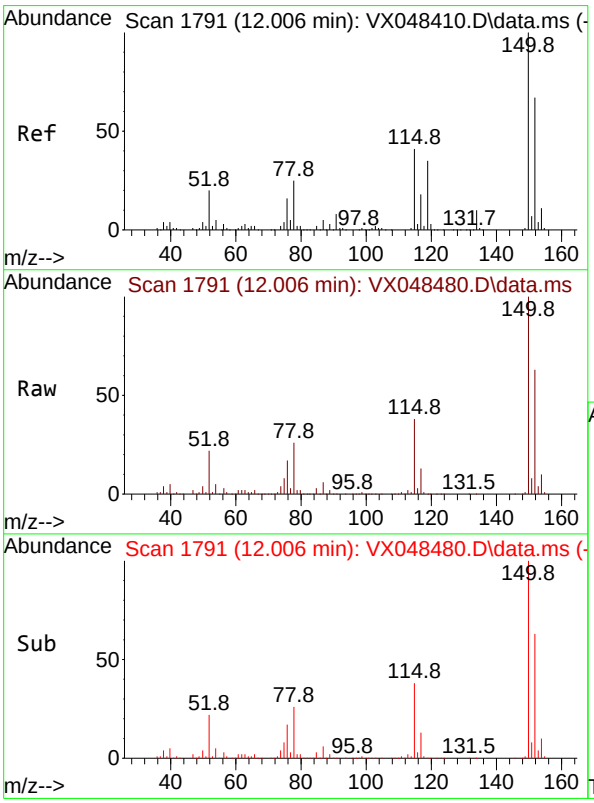
#69
o-Xylene
Concen: 1.388 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048480.D
Acq: 04 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0302-0310MEDL

Tgt Ion:106 Resp: 4407

Ion	Ratio	Lower	Upper
106	100		
91	220.4	111.3	333.9

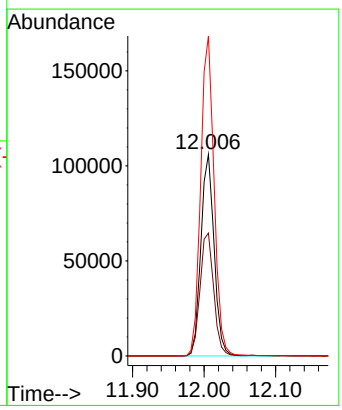


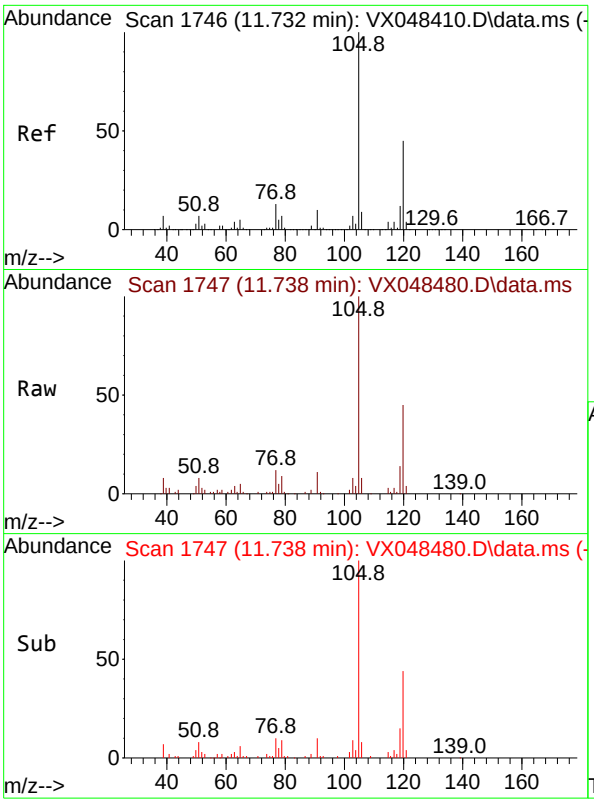


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048480.D
Acq: 04 Nov 2025 13:41

Tgt Ion:152 Resp: 136761

Ion	Ratio	Lower	Upper
152	100		
115	62.9	43.1	129.4
150	160.0	0.0	353.0





#84
1,2,4-Trimethylbenzene
Concen: 2.539 ug/l
RT: 11.738 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048480.D
Acq: 04 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0302-0310MEDL

Tgt Ion:105 Resp: 20845

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.1	66.5