Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
Data File : VX048367.D
Acq On : 27 Oct 2025 13:40
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Oct 28 01:53:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	143110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	285215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	288565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	109355	54.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.000%			
35) Dibromofluoromethane	5.379	113	77069	39.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 79.160%			
50) Toluene-d8	8.634	98	325346	47.670	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.340%			
62) 4-Bromofluorobenzene	11.061	95	138385	53.299	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.600%			
Target Compounds						Qvalue
40) Benzene	6.025	78	4028	0.501	ug/l	99
52) Toluene	8.701	92	2306	0.452	ug/l	97
68) m/p-Xylenes	10.286	106	1068	0.260	ug/l	91
95) Naphthalene	13.755	128	16698	2.009	ug/l	99

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

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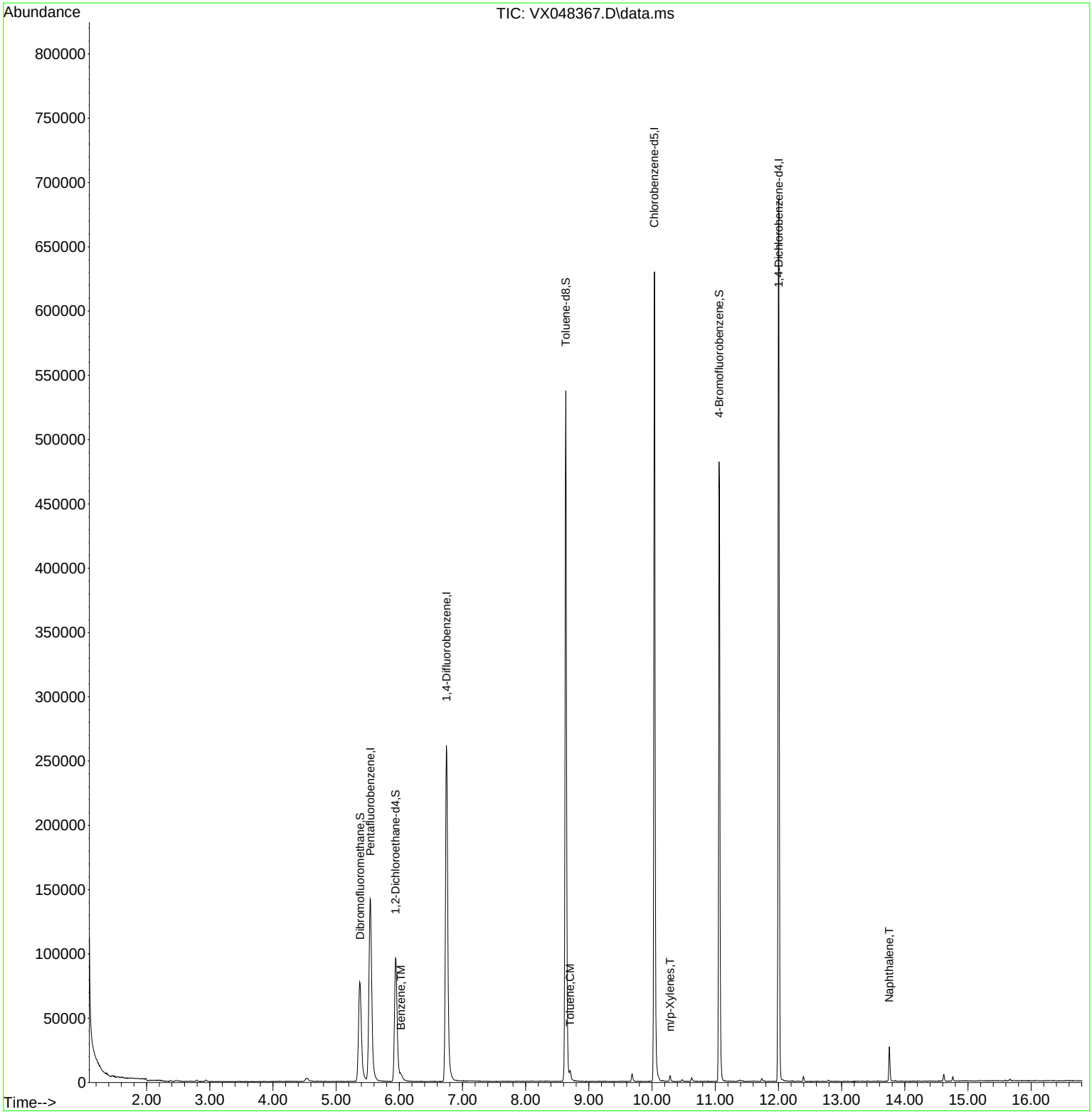
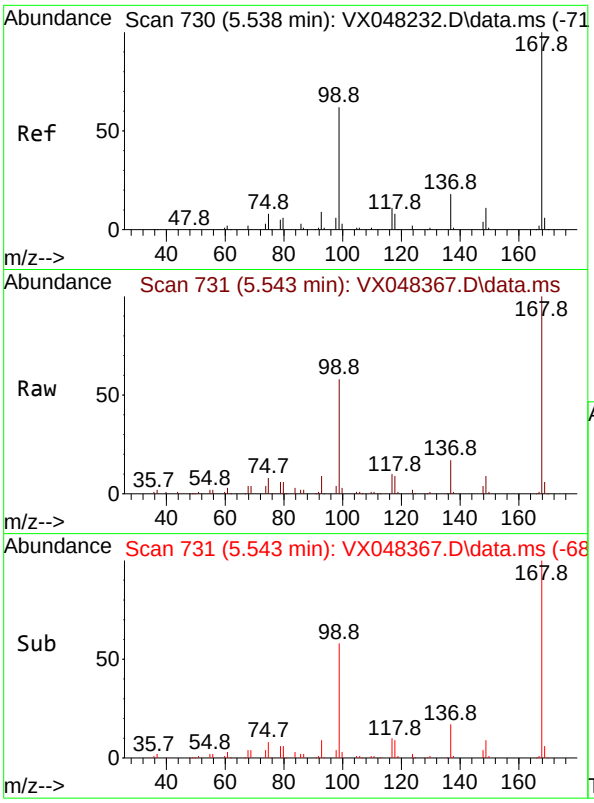


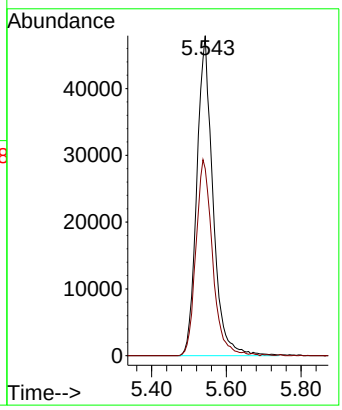


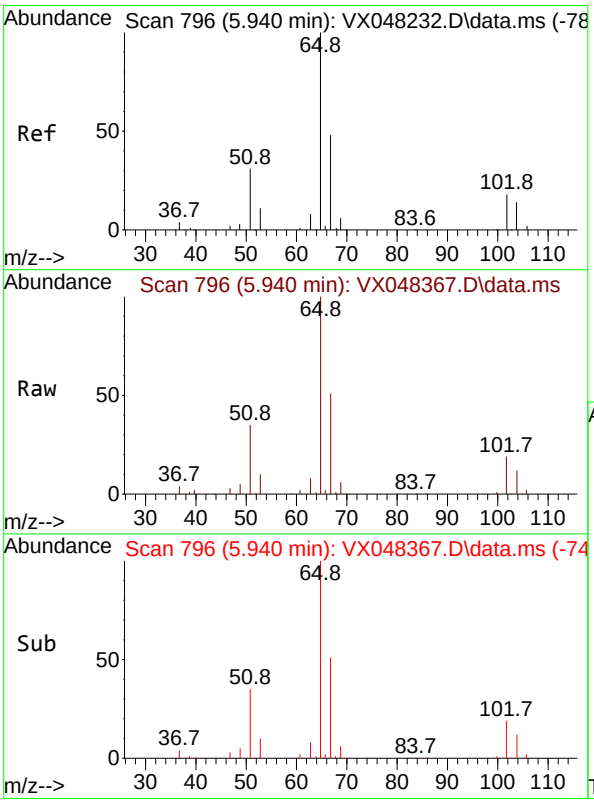
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 143110

Ion	Ratio	Lower	Upper
168	100		
99	58.4	46.4	69.6

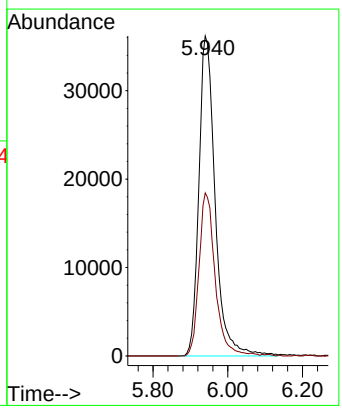


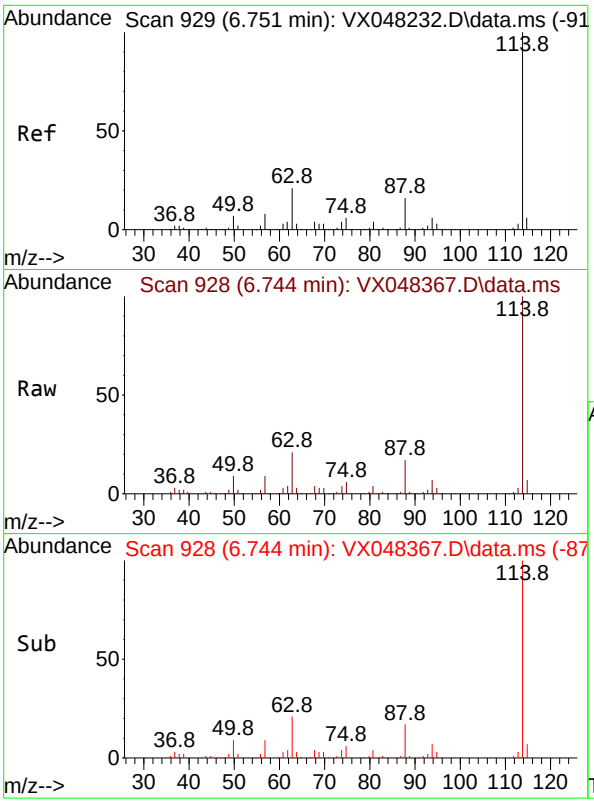


#33
1,2-Dichloroethane-d4
Concen: 54.500 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion: 65 Resp: 109355

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	105.0



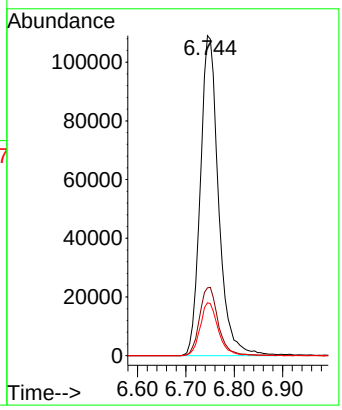


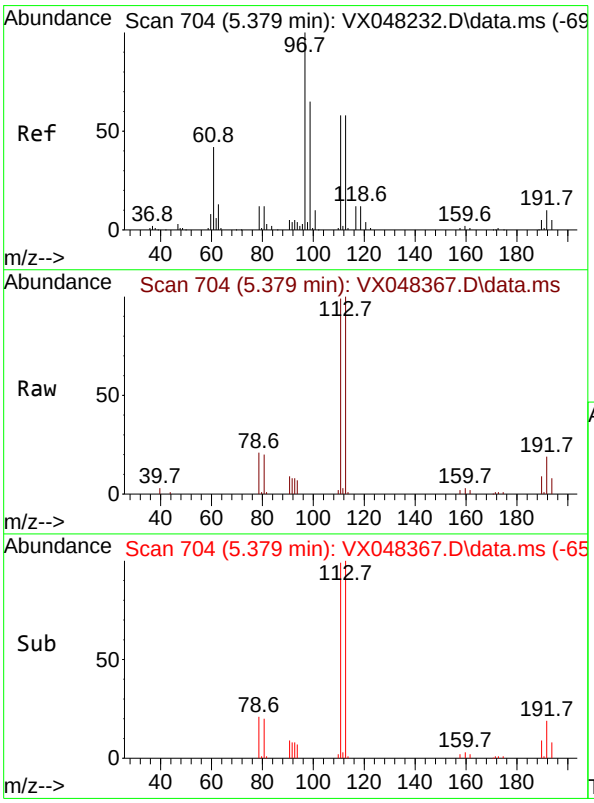
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 9
Delta R.T. -0.001 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 285215

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	16.6	0.0	33.6

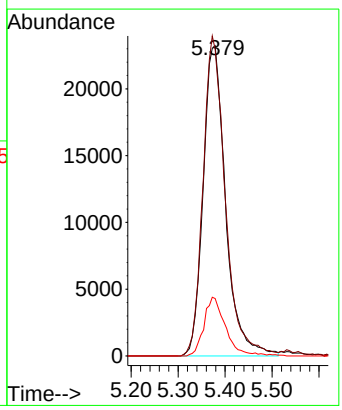


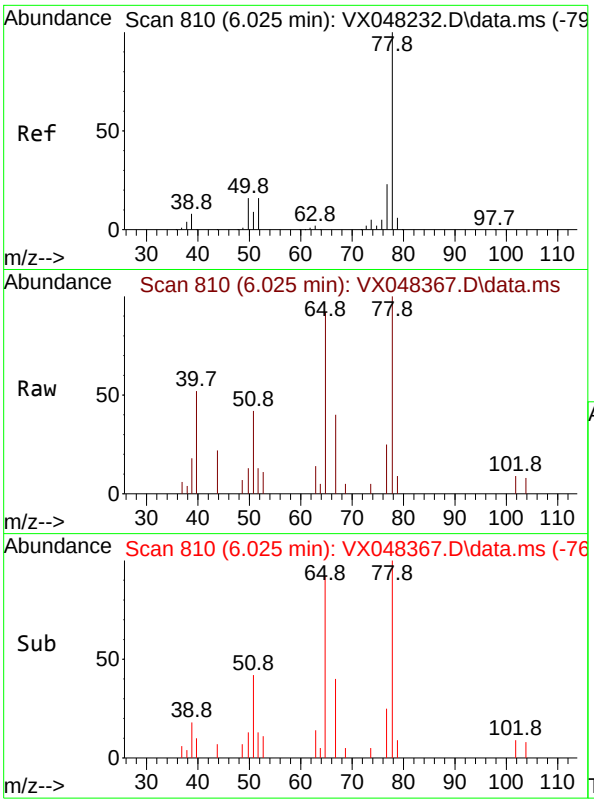


#35
Dibromofluoromethane
Concen: 39.580 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion:113 Resp: 77069

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	18.3	15.1	22.7



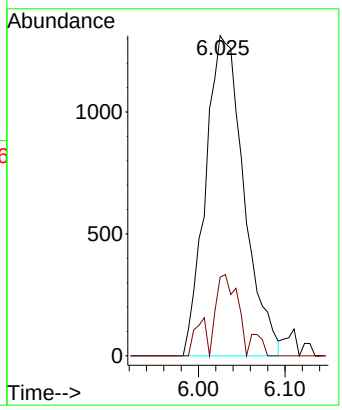


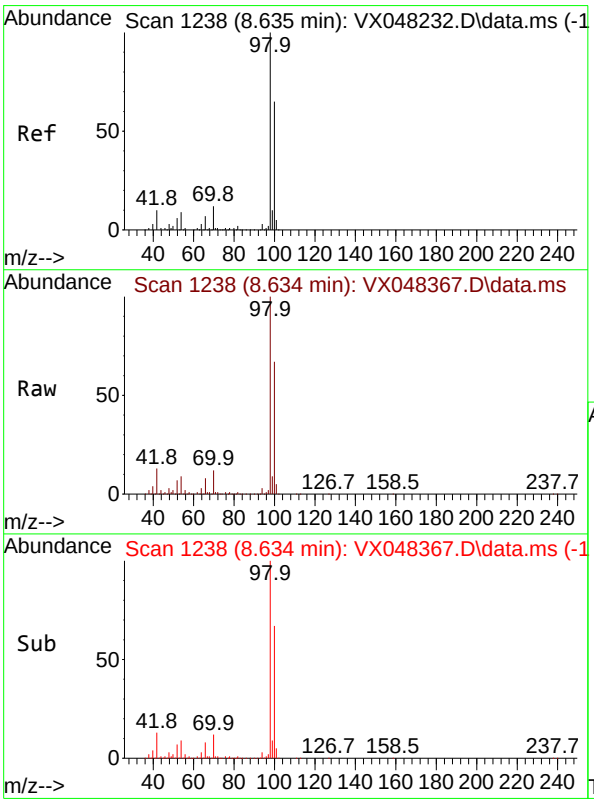
#40
Benzene
Concen: 0.501 ug/l
RT: 6.025 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 78 Resp: 4028

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.3	28.9

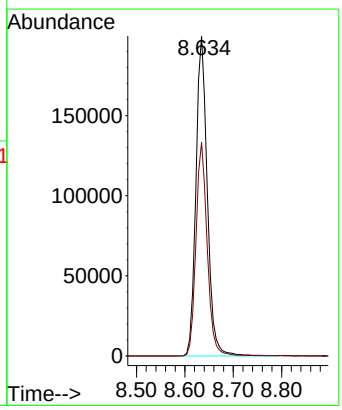


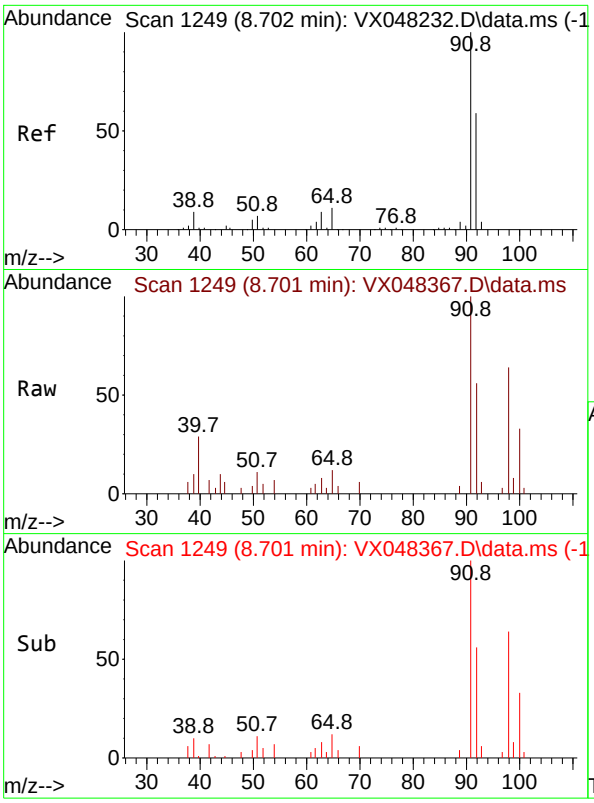


#50
Toluene-d8
Concen: 47.670 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion: 98 Resp: 325346

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4



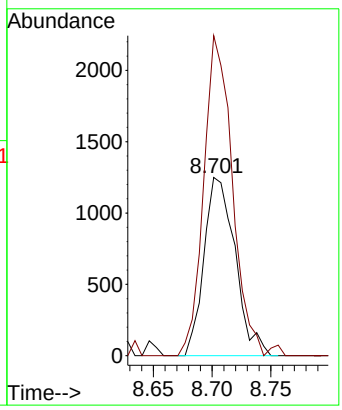


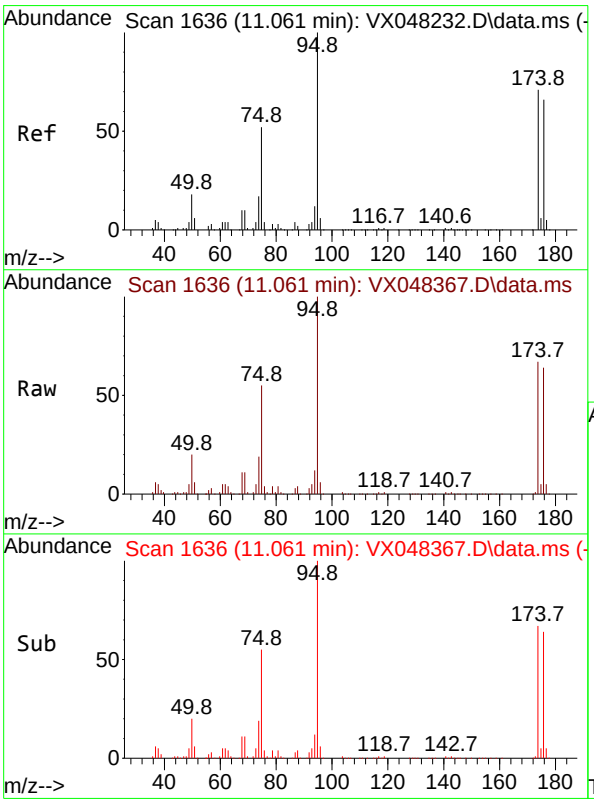
#52
Toluene
Concen: 0.452 ug/l
RT: 8.701 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 92 Resp: 2306

Ion	Ratio	Lower	Upper
92	100		
91	166.1	136.1	204.1

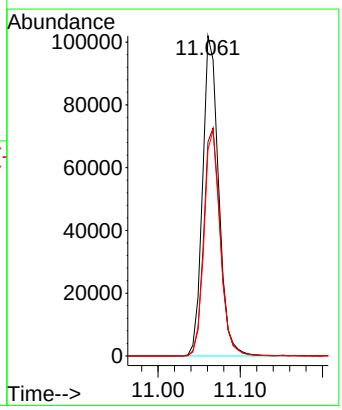


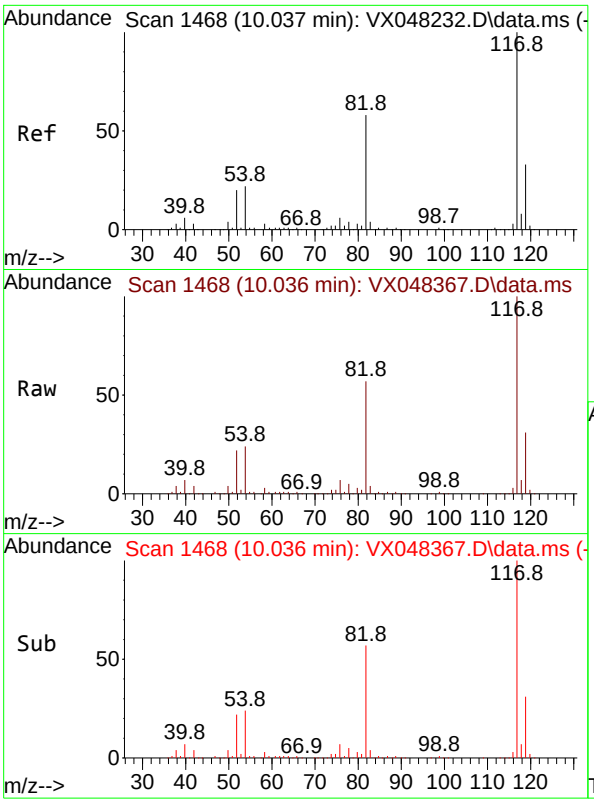


#62
4-Bromofluorobenzene
Concen: 53.299 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion: 95 Resp: 138385

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	147.8
176	70.9	0.0	142.8



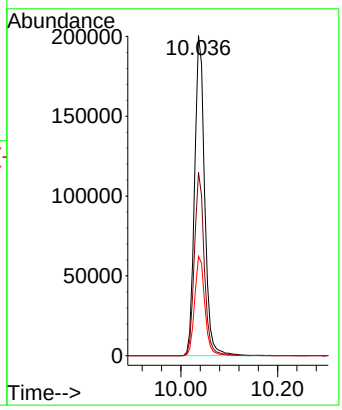


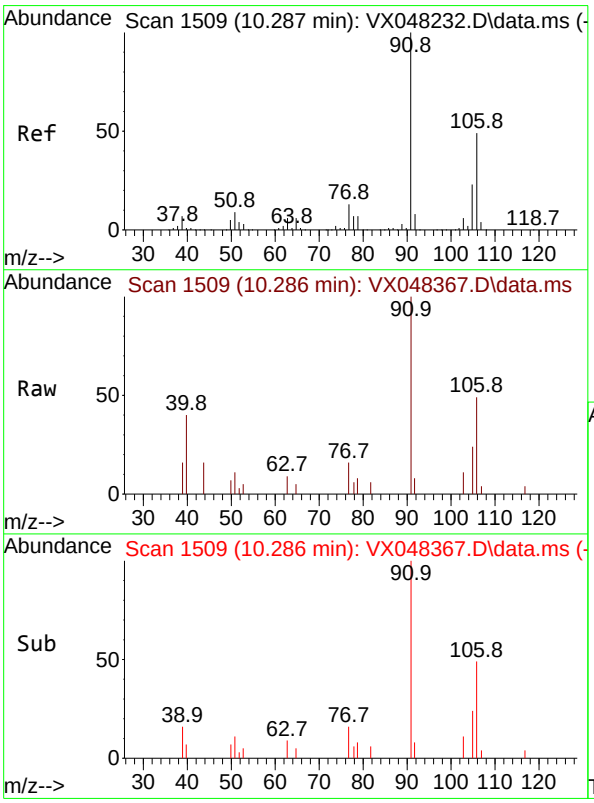
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 288565

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.5	69.7
119	31.0	25.9	38.9

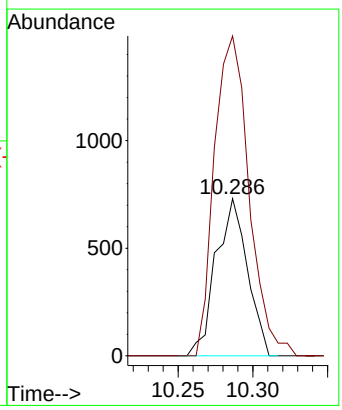


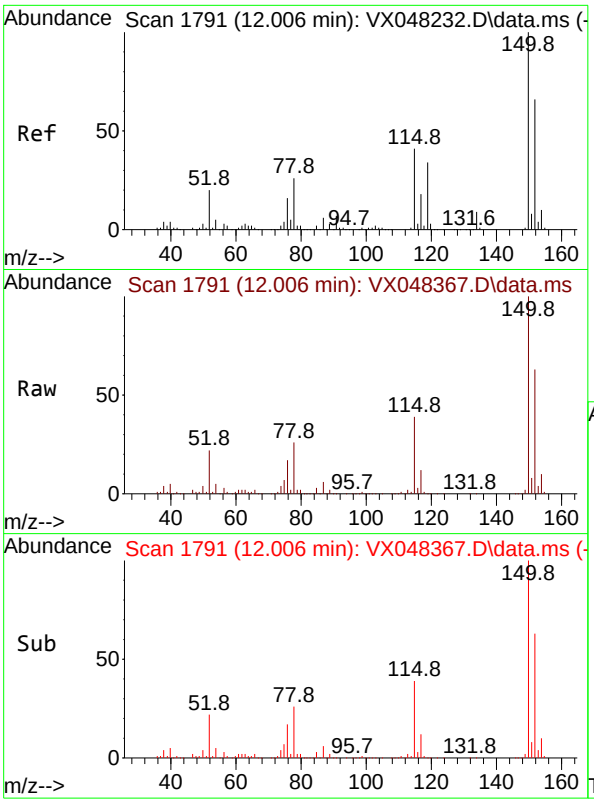


#68
m/p-Xylenes
Concen: 0.260 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion:106 Resp: 1068

Ion	Ratio	Lower	Upper
106	100		
91	223.8	167.9	251.9



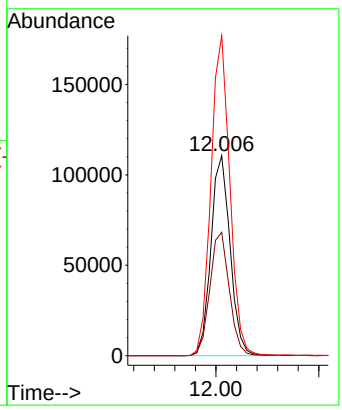


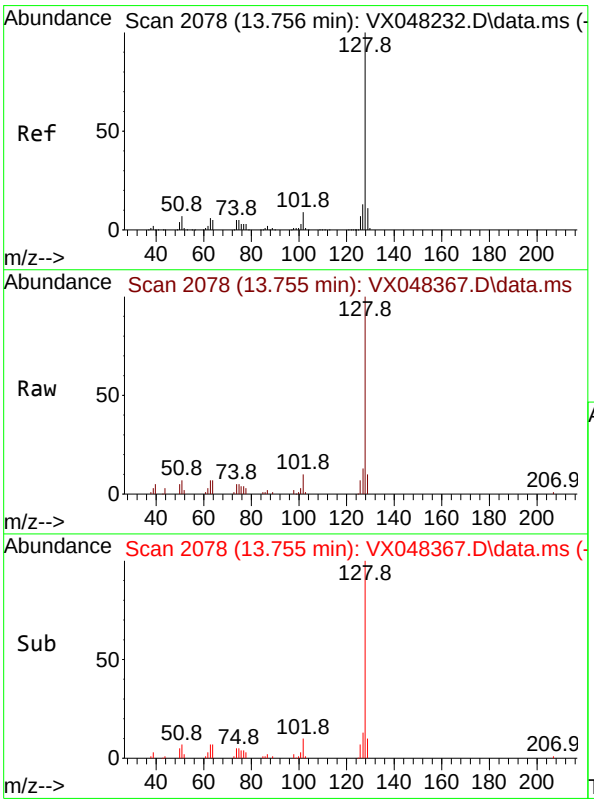
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:152 Resp: 143118

Ion	Ratio	Lower	Upper
152	100		
115	62.8	43.1	129.4
150	157.6	0.0	353.0





#95
Naphthalene
Concen: 2.009 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048367.D
Acq: 27 Oct 2025 13:40

Tgt Ion:128 Resp: 16698

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.9	8.6	12.8