Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
Data File : VX047415.D
Acq On : 19 Aug 2025 16:14
Operator : JC/MD
Sample : Q2815-23
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-11M-N

Quant Time: Aug 20 01:28:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	203899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	414517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	218704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	167475	58.688	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.380%#			
35) Dibromofluoromethane	5.397	113	137520	51.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.240%			
50) Toluene-d8	8.653	98	474287	49.324	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.640%			
62) 4-Bromofluorobenzene	11.079	95	202773	57.145	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.300%			
Target Compounds						Qvalue
16) Acetone	2.392	43	12413	11.573	ug/l	98
17) Carbon Disulfide	2.532	76	3150	0.407	ug/l #	83
68) m/p-Xylenes	10.305	106	2499	0.389	ug/l	98
69) o-Xylene	10.640	106	3247	0.525	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	5362	0.381	ug/l	92

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

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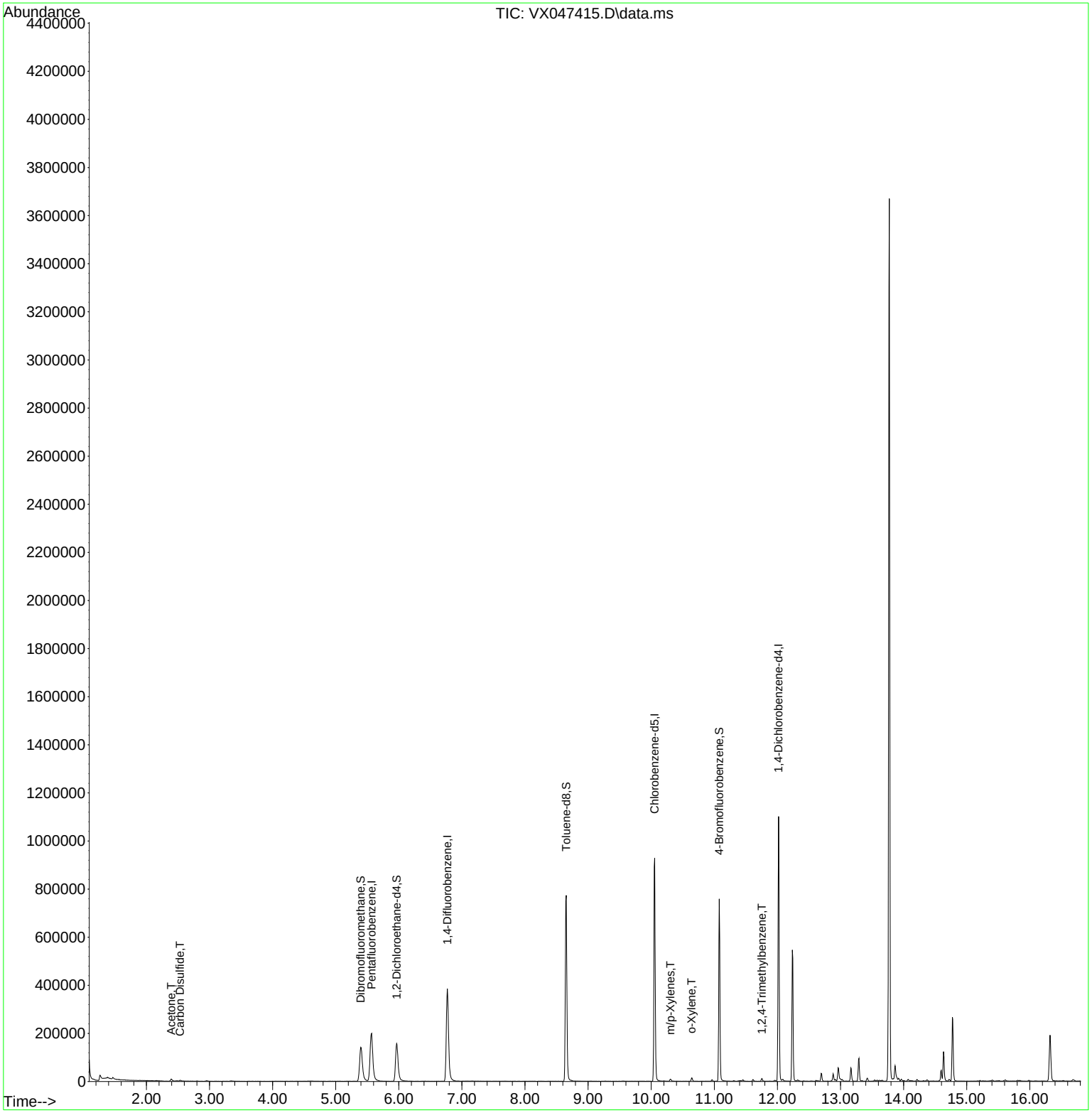
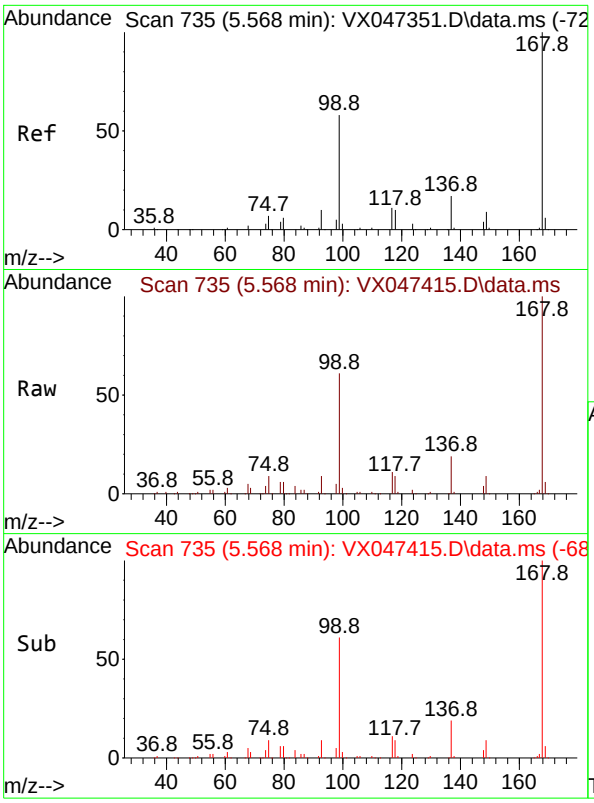


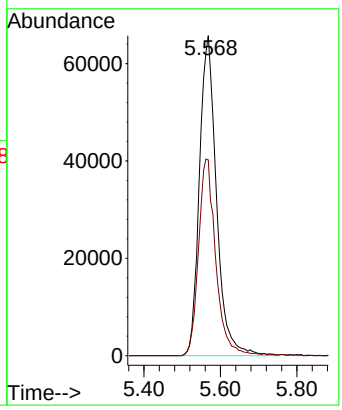


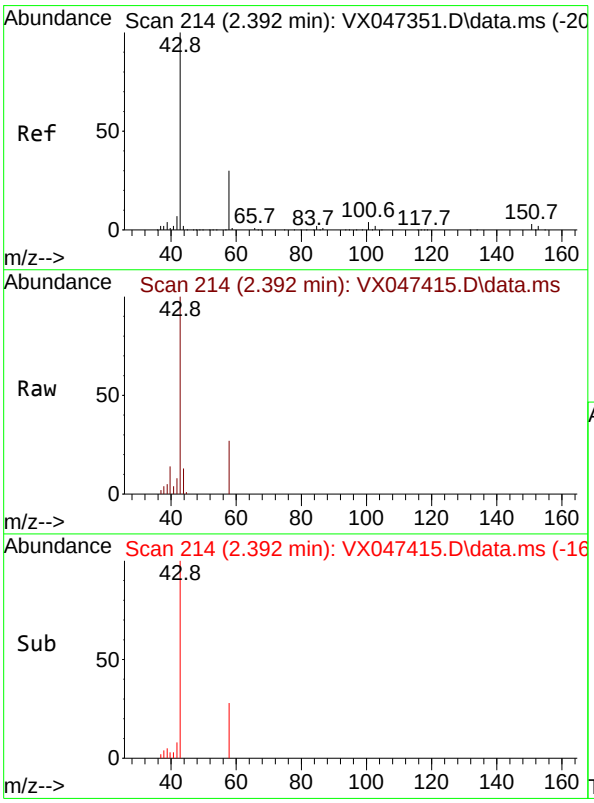
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
TW-11M-N

Tgt Ion:168 Resp: 203899

Ion	Ratio	Lower	Upper
168	100		
99	61.2	47.9	71.9

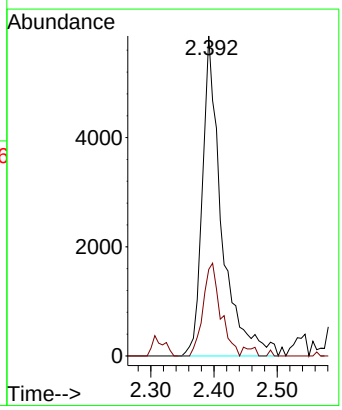


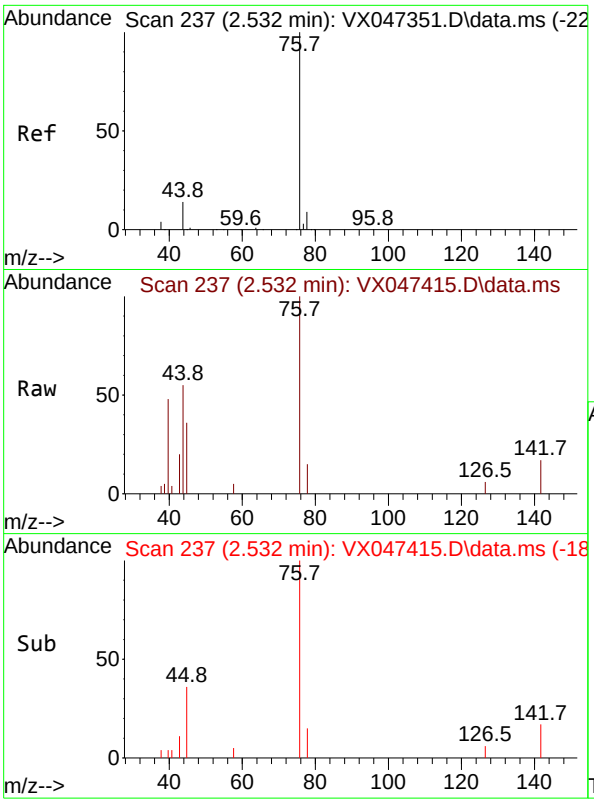


#16
Acetone
Concen: 11.573 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Tgt Ion: 43 Resp: 12413

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.8	37.2



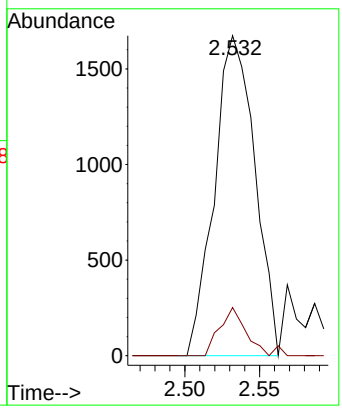


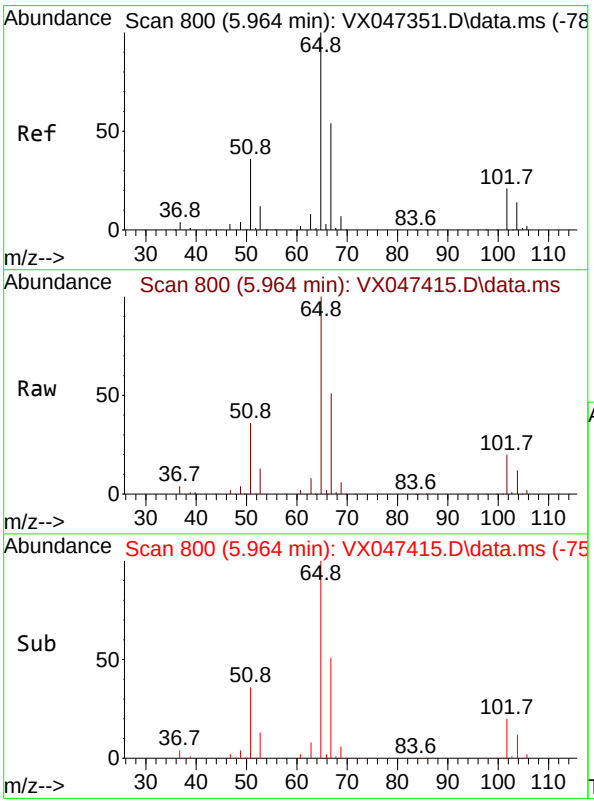
#17
Carbon Disulfide
Concen: 0.407 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
TW-11M-N

Tgt Ion: 76 Resp: 3150

Ion	Ratio	Lower	Upper
76	100		
78	15.1	7.2	10.8#

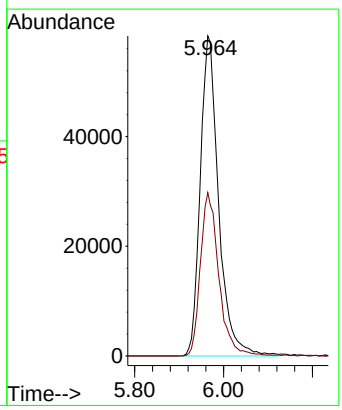


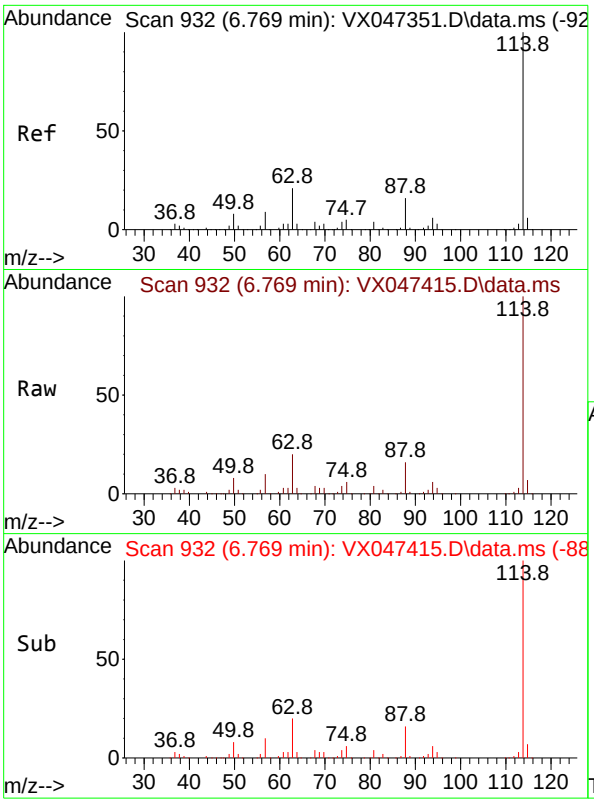


#33
1,2-Dichloroethane-d4
Concen: 58.688 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Tgt Ion: 65 Resp: 167475

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.0



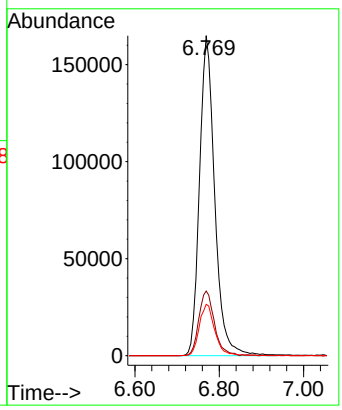


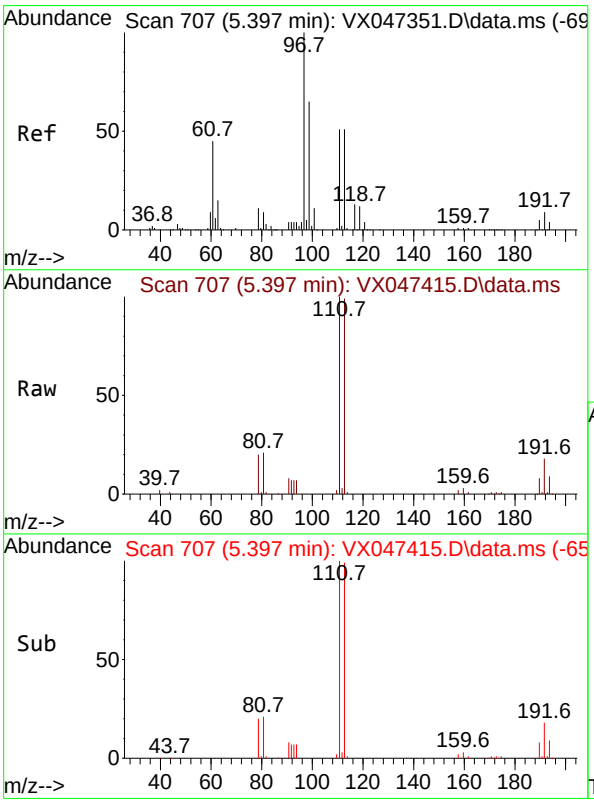
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
TW-11M-N

Tgt Ion:114 Resp: 414517

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.4
88	16.1	0.0	33.0

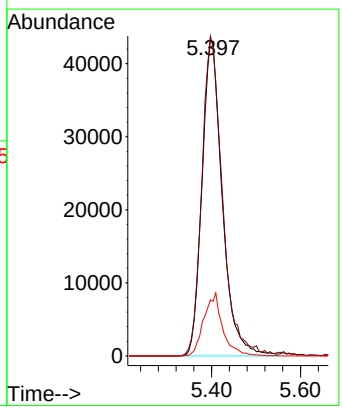


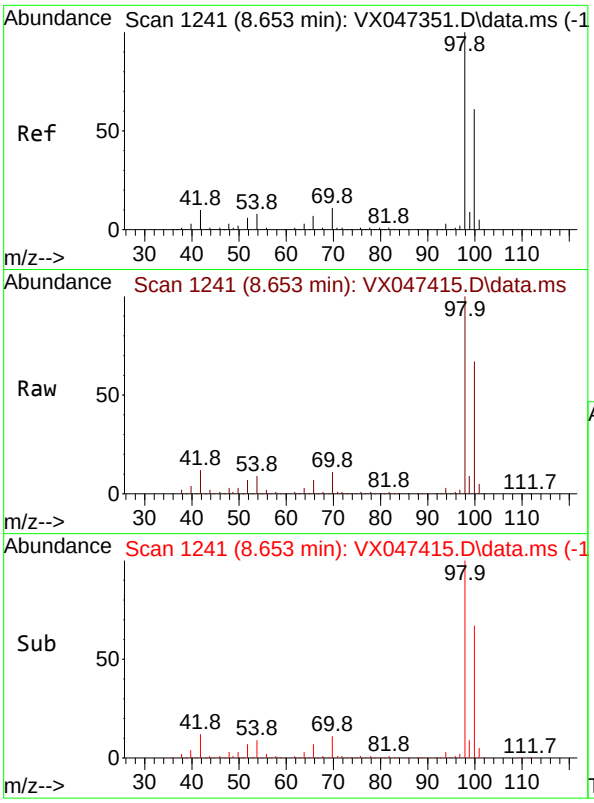


#35
Dibromofluoromethane
Concen: 51.118 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Tgt Ion:113 Resp: 137520

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.2
192	18.5	14.1	21.1



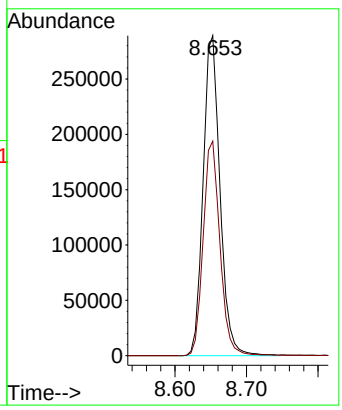


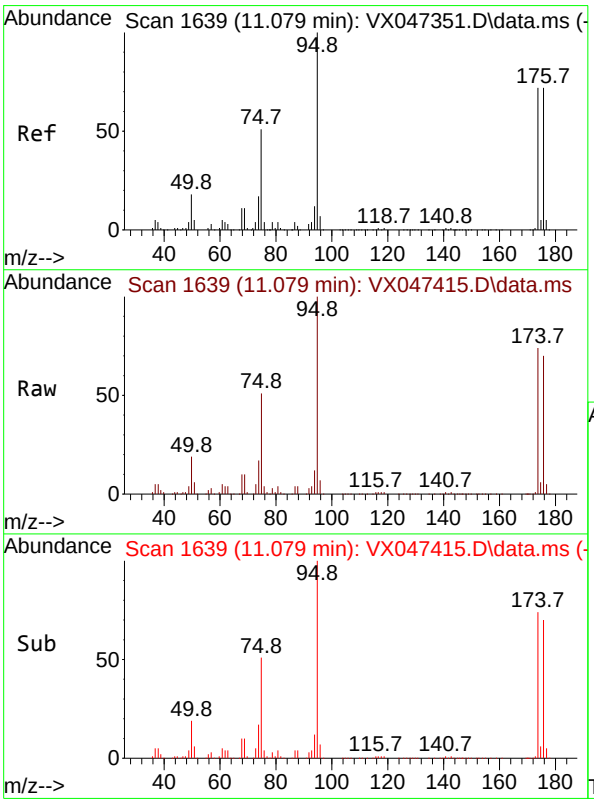
#50
Toluene-d8
Concen: 49.324 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
TW-11M-N

Tgt Ion: 98 Resp: 474287

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.9	80.9

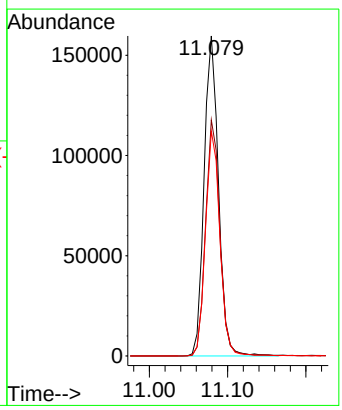


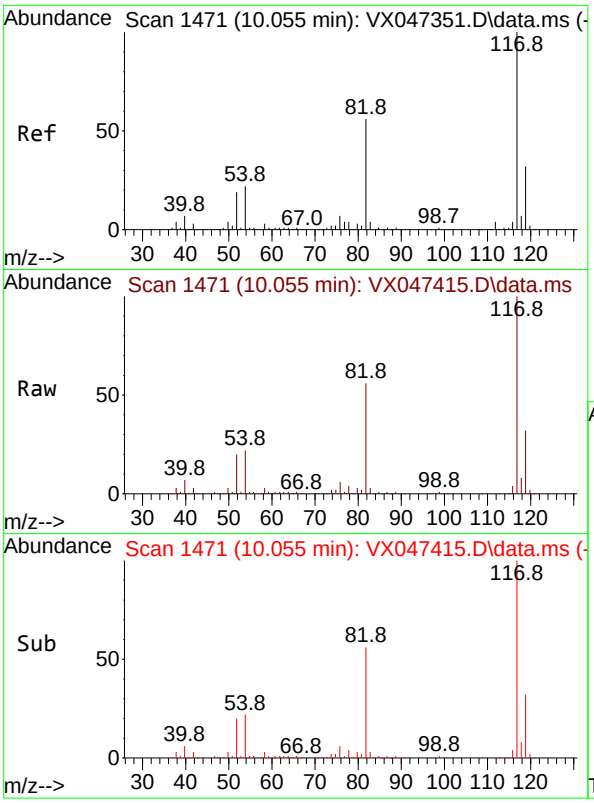


#62
4-Bromofluorobenzene
Concen: 57.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Tgt Ion: 95 Resp: 202773

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	148.0
176	70.7	0.0	145.4



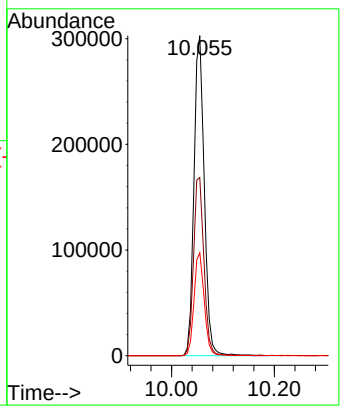


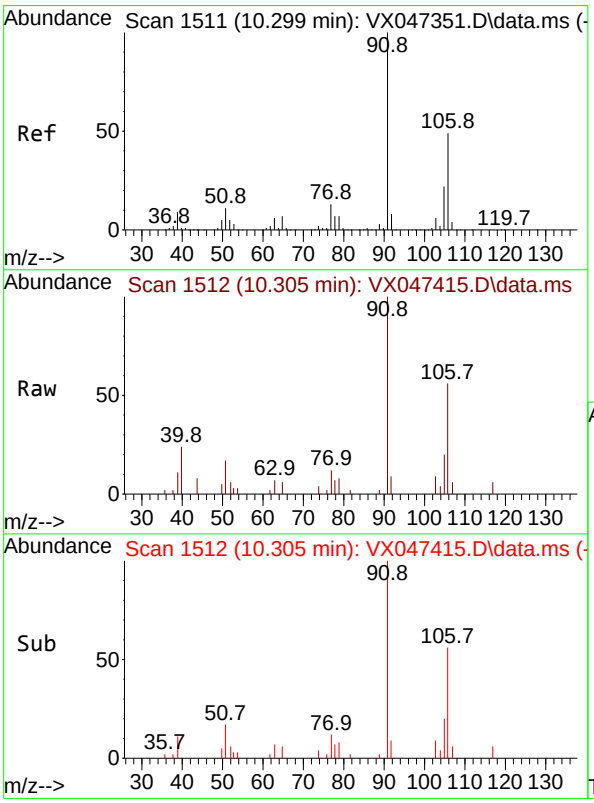
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
TW-11M-N

Tgt Ion:117 Resp: 421598

Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.0	67.4
119	32.2	25.8	38.8

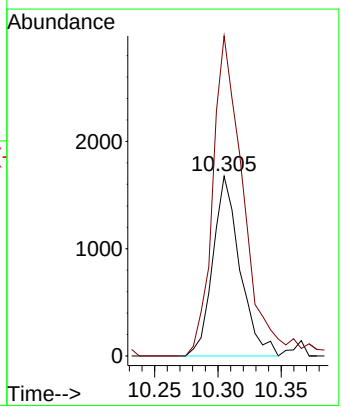


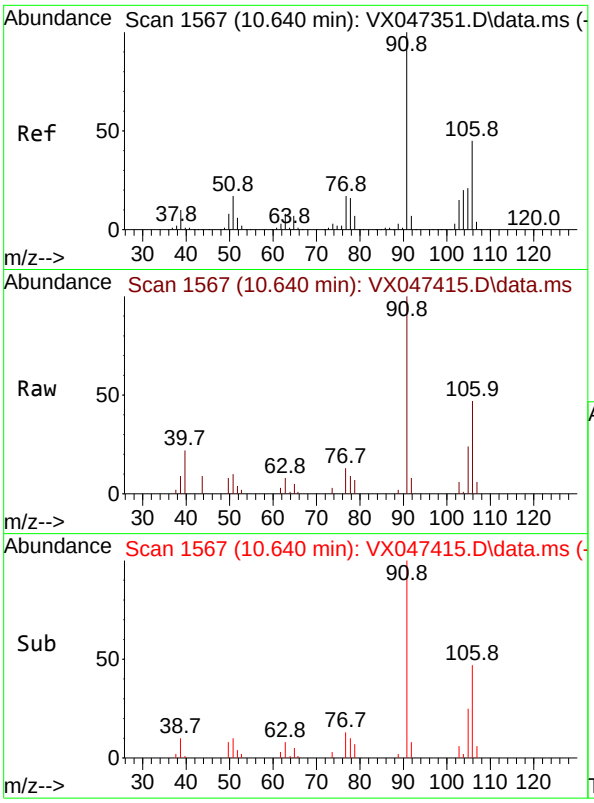


#68
m/p-Xylenes
Concen: 0.389 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Tgt Ion:106 Resp: 2499

Ion	Ratio	Lower	Upper
106	100		
91	203.5	164.7	247.1



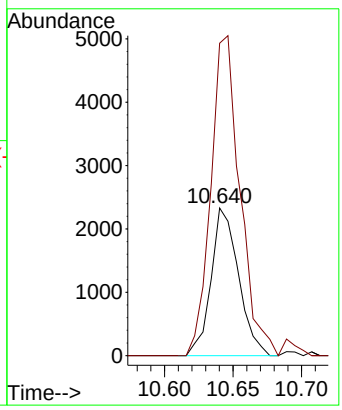


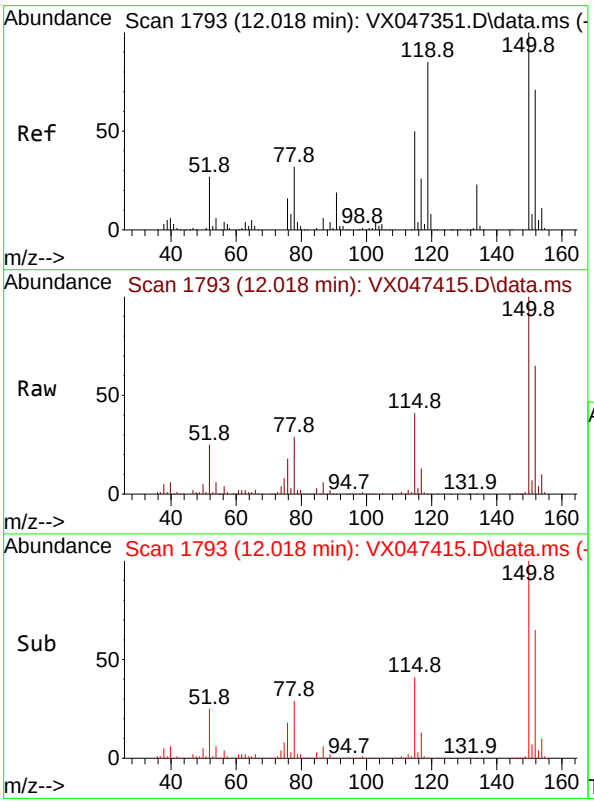
#69
o-Xylene
Concen: 0.525 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
TW-11M-N

Tgt Ion:106 Resp: 3247

Ion	Ratio	Lower	Upper
106	100		
91	230.1	110.6	331.8

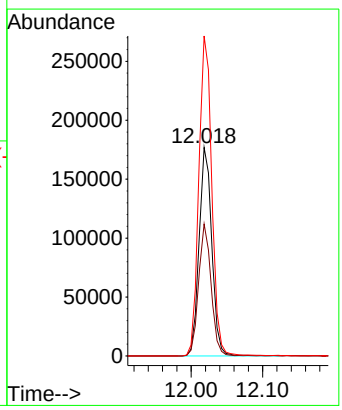


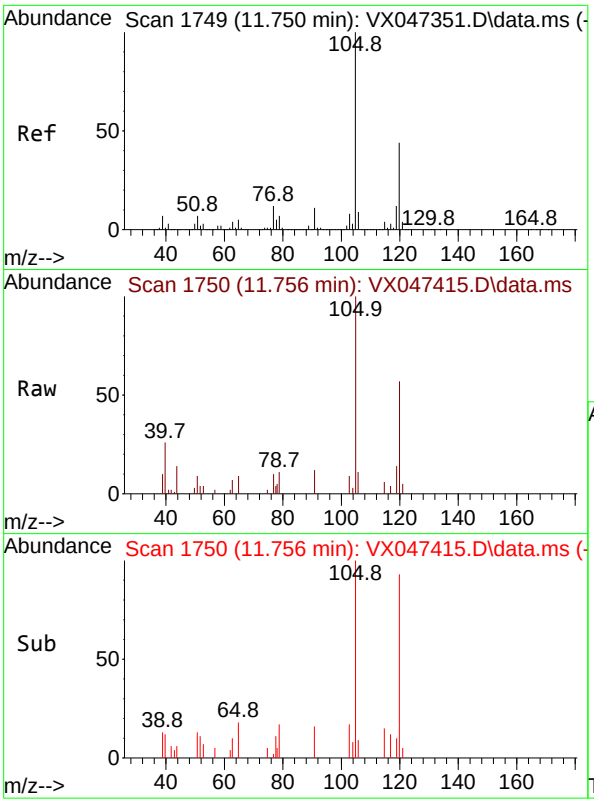


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Tgt Ion:152 Resp: 218704

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.6	133.8
150	156.1	0.0	349.8





#84
1,2,4-Trimethylbenzene
Concen: 0.381 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047415.D
Acq: 19 Aug 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
TW-11M-N

Tgt Ion:105 Resp: 5362

Ion	Ratio	Lower	Upper
105	100		
120	49.0	21.9	65.7