Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
Data File : VX047318.D
Acq On : 13 Aug 2025 13:40
Operator : JC/MD
Sample : Q2814-07RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-82H-WRE

Quant Time: Aug 14 03:28:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	175507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	326793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	157483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	135926	62.173	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 124.340%#			
35) Dibromofluoromethane	5.404	113	116193	57.586	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.180%			
50) Toluene-d8	8.653	98	310226	47.476	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.960%			
62) 4-Bromofluorobenzene	11.079	95	156459	55.562	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.120%			
Target Compounds						Qvalue
16) Acetone	2.398	43	15119	17.263	ug/l	100
17) Carbon Disulfide	2.538	76	13017	2.040	ug/l	98
20) Methylene Chloride	2.813	84	1004	0.417	ug/l #	92
52) Toluene	8.720	92	237209	38.758	ug/l	100
67) Ethyl Benzene	10.201	91	5547	0.441	ug/l	99

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

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Quant Time: Aug 14 03:28:26 2025
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Quant Title : SW846 8260
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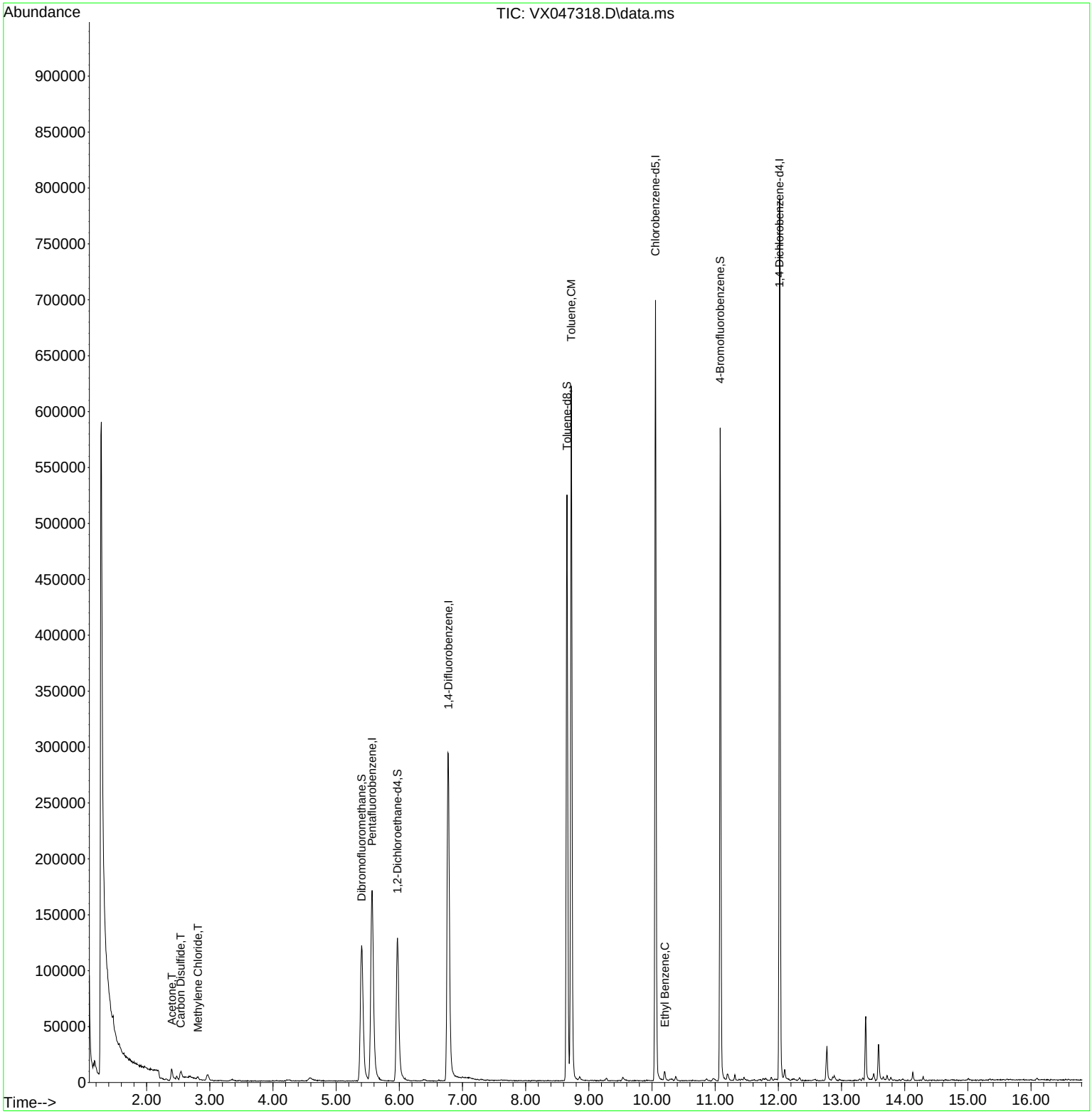
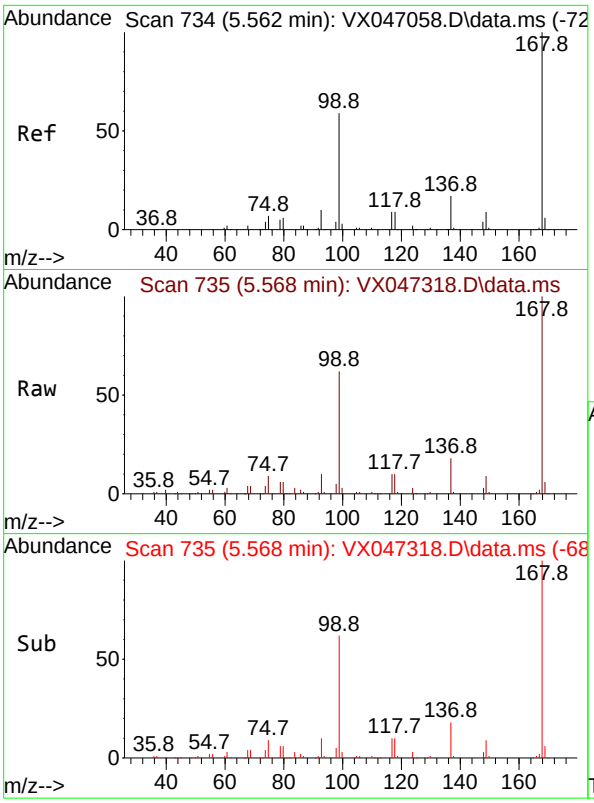


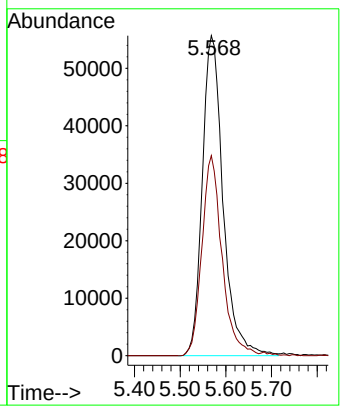


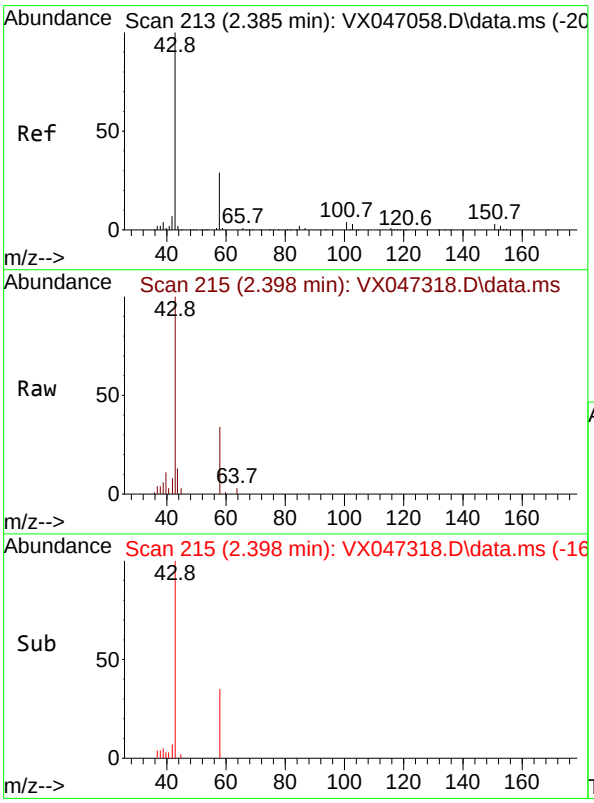
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
TW-82H-WRE

Tgt Ion:168 Resp: 175507

Ion	Ratio	Lower	Upper
168	100		
99	62.5	48.0	72.0

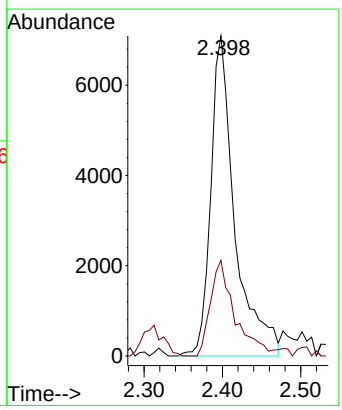


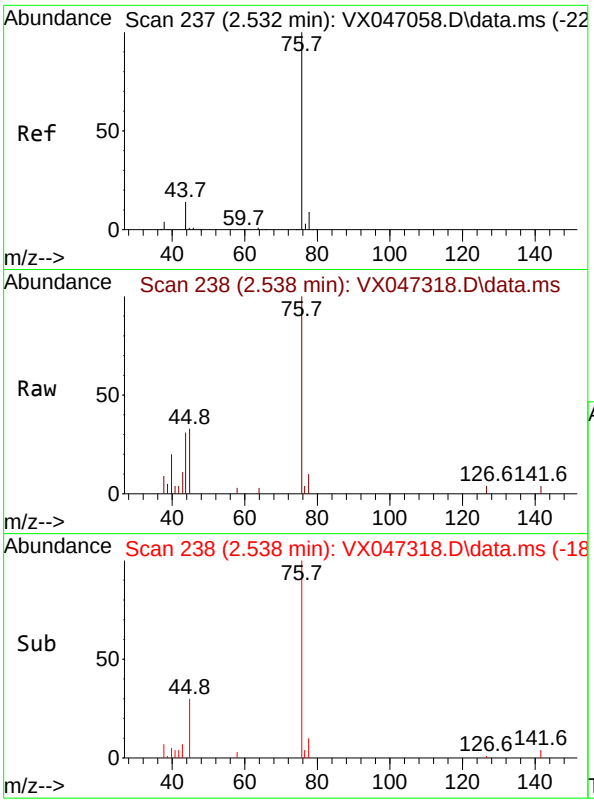


#16
Acetone
Concen: 17.263 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Tgt Ion: 43 Resp: 15119

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.0	36.0



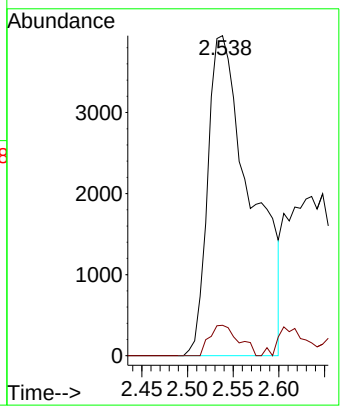


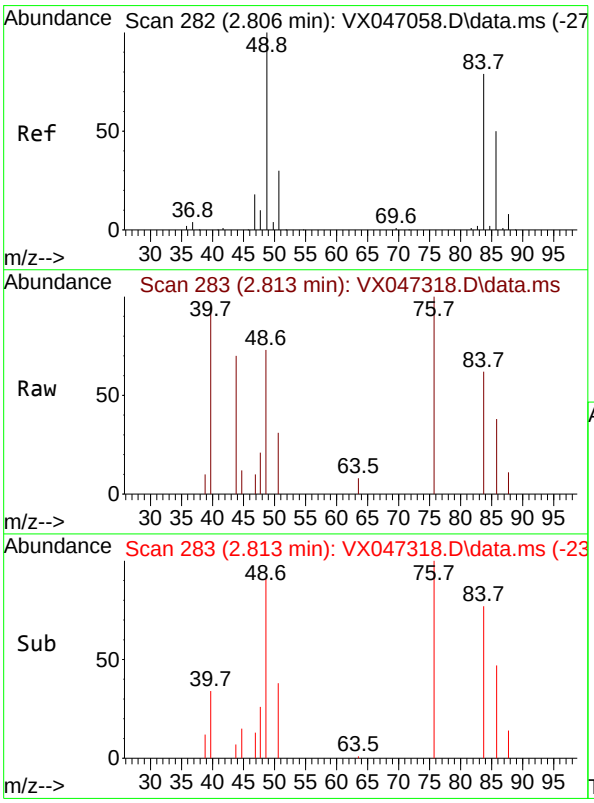
#17
Carbon Disulfide
Concen: 2.040 ug/l
RT: 2.538 min Scan# 2
Delta R.T. 0.007 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
TW-82H-WRE

Tgt Ion: 76 Resp: 13017

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.4

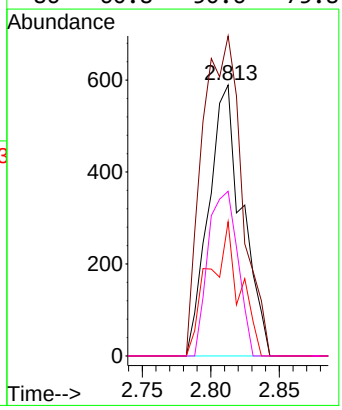


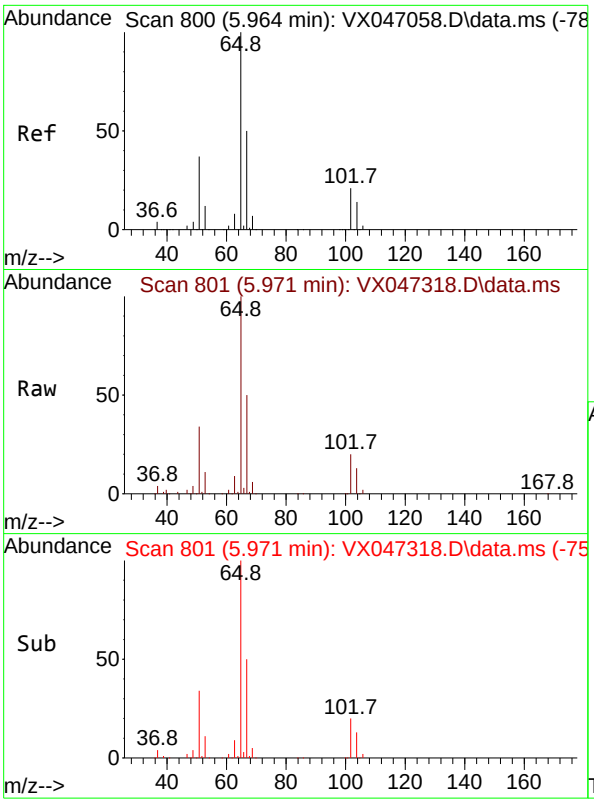


#20
Methylene Chloride
Concen: 0.417 ug/l
RT: 2.813 min Scan# 283
Delta R.T. 0.007 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Tgt Ion: 84 Resp: 1004

Ion	Ratio	Lower	Upper
84	100		
49	118.2	101.6	152.4
51	49.6	30.3	45.5#
86	60.8	50.6	75.8



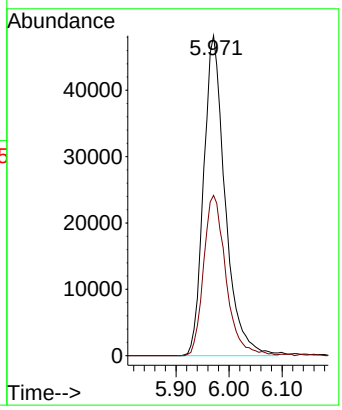


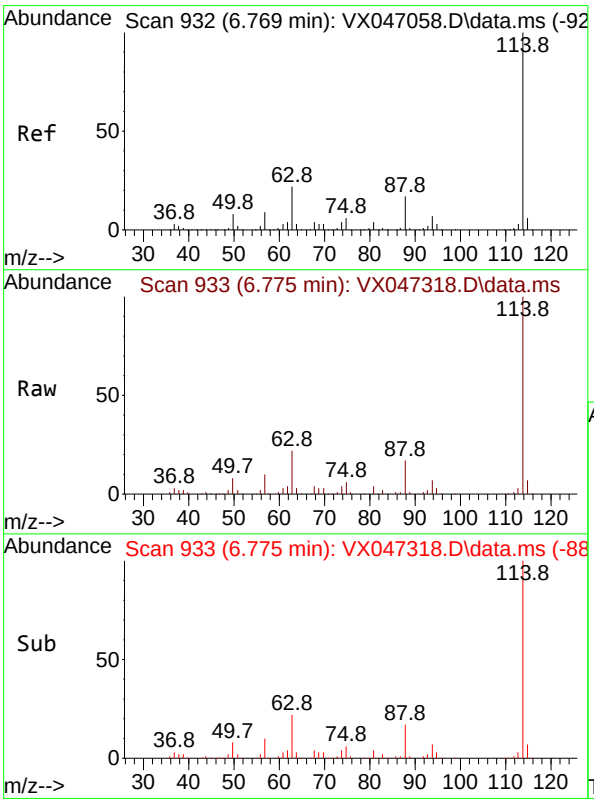
#33
1,2-Dichloroethane-d4
Concen: 62.173 ug/l
RT: 5.971 min Scan# 8
Delta R.T. 0.007 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
TW-82H-WRE

Tgt Ion: 65 Resp: 135926

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.8

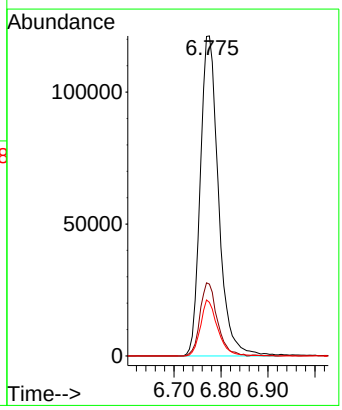


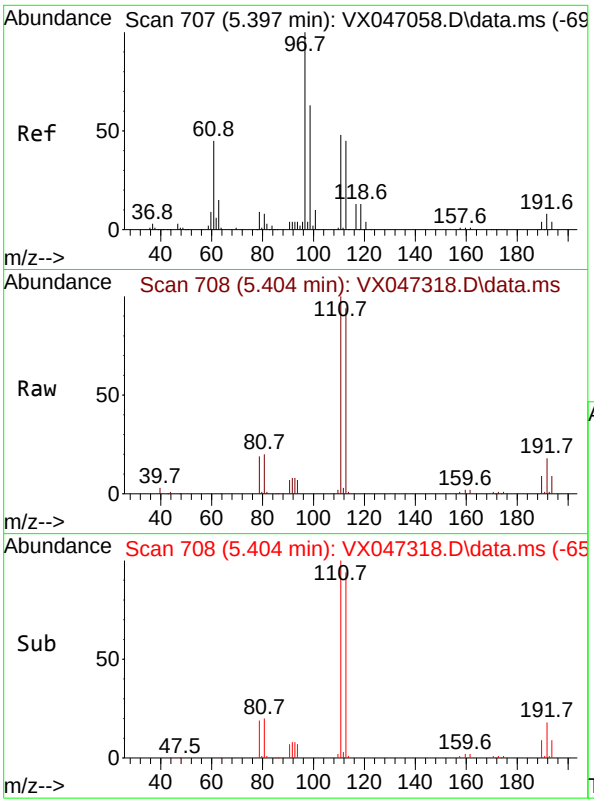


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.007 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Tgt Ion:114 Resp: 326793

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.2
88	16.7	0.0	33.8



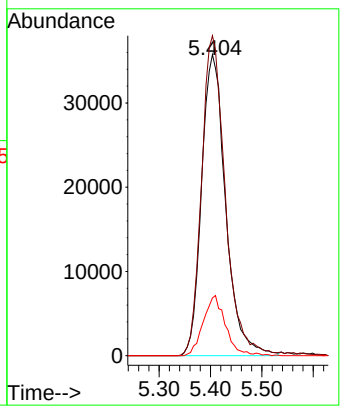


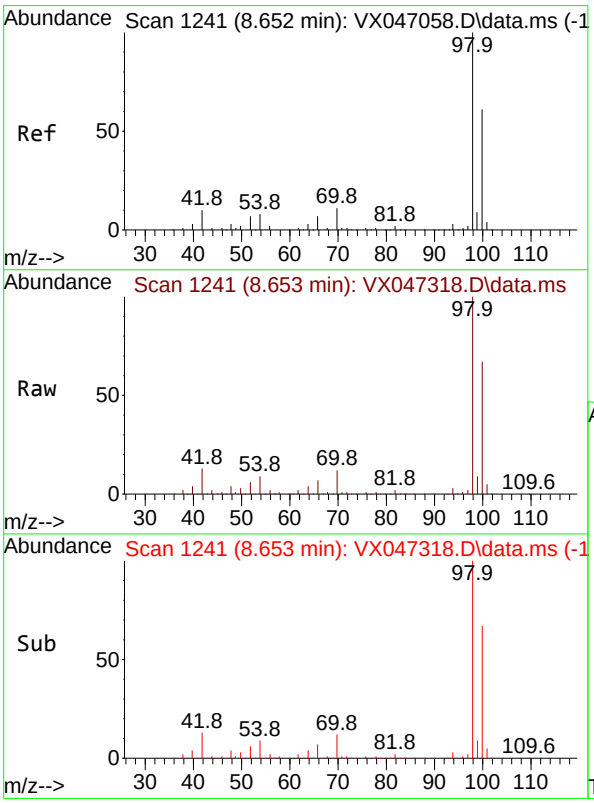
#35
Dibromofluoromethane
Concen: 57.586 ug/l
RT: 5.404 min Scan# 7
Delta R.T. 0.007 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
TW-82H-WRE

Tgt Ion:113 Resp: 116193

Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.6	124.0
192	18.3	14.9	22.3

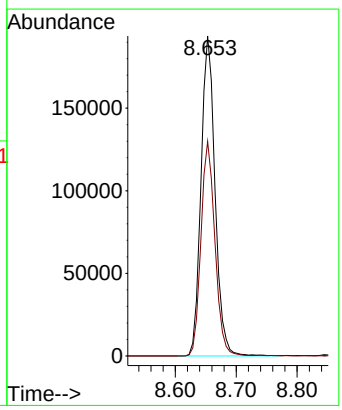


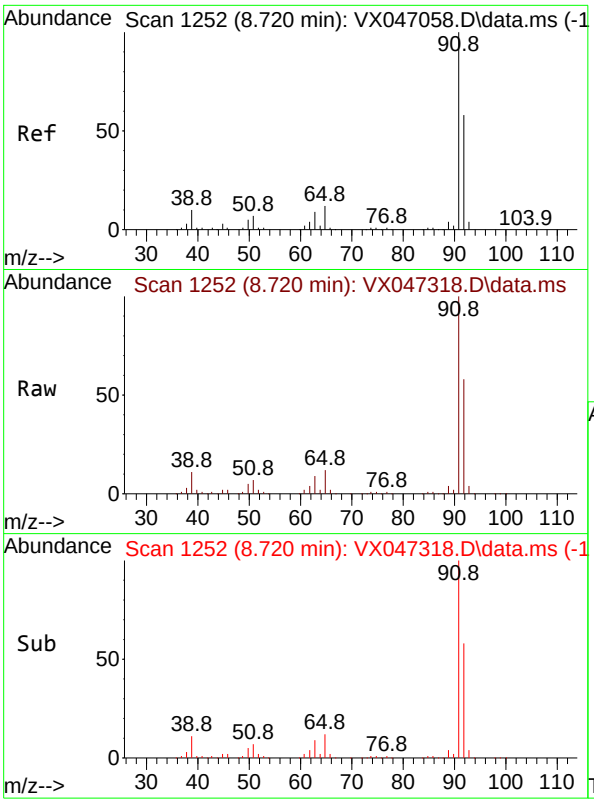


#50
Toluene-d8
Concen: 47.476 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Tgt Ion: 98 Resp: 310226

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.3	79.9



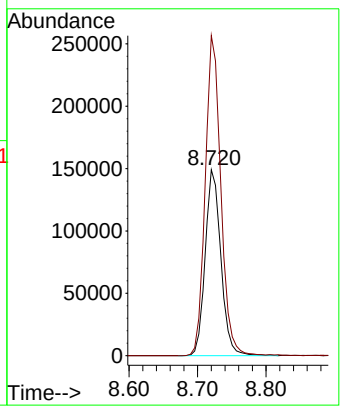


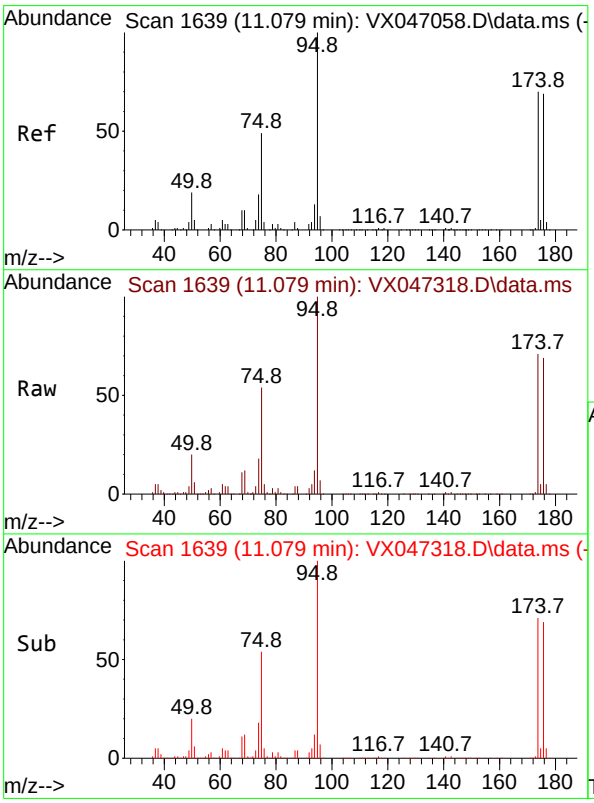
#52
Toluene
Concen: 38.758 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
TW-82H-WRE

Tgt Ion: 92 Resp: 237209

Ion	Ratio	Lower	Upper
92	100		
91	171.9	137.9	206.9

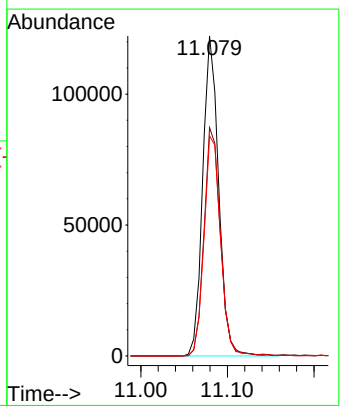


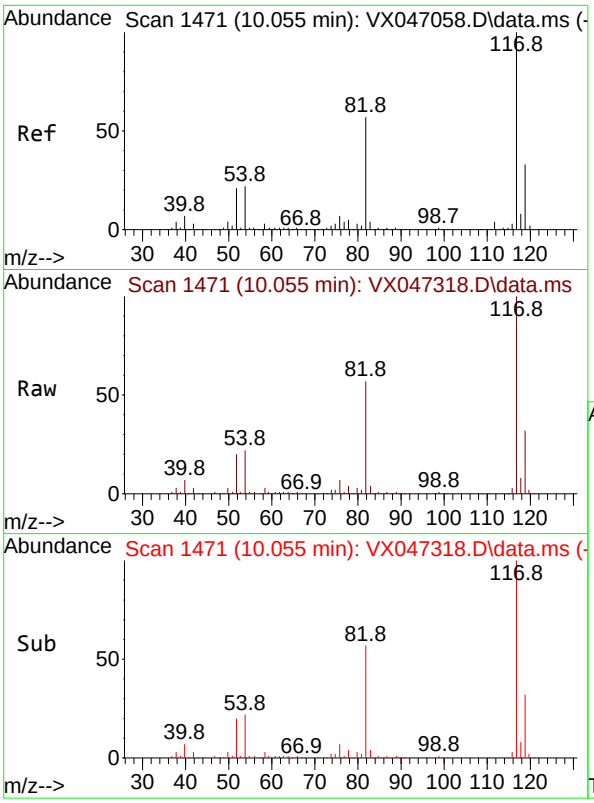


#62
4-Bromofluorobenzene
Concen: 55.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Tgt Ion: 95 Resp: 156459

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	144.6
176	71.8	0.0	139.6



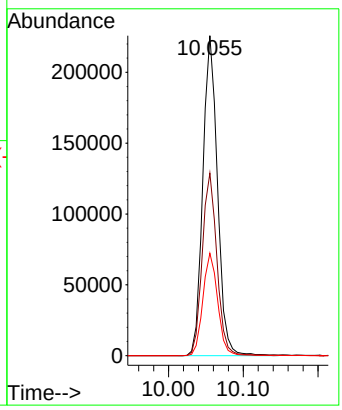


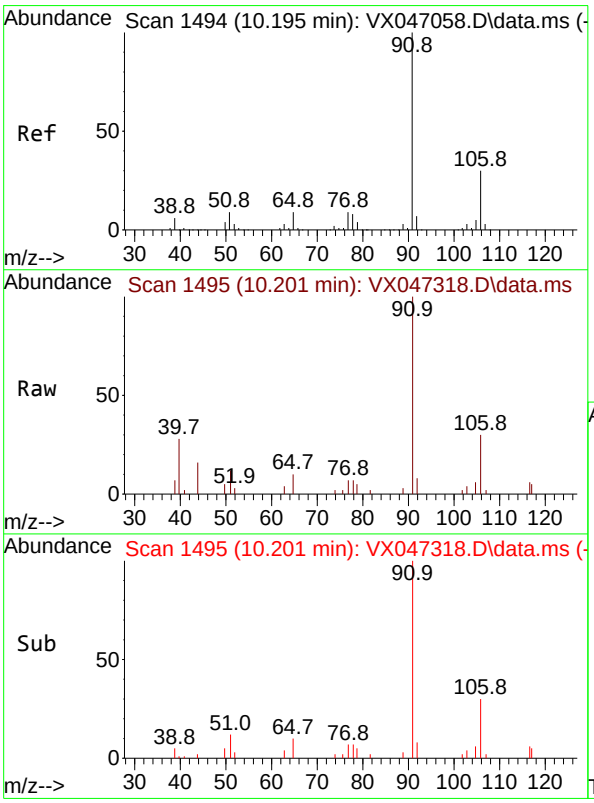
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
TW-82H-WRE

Tgt Ion:117 Resp: 307131

Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.4	68.2
119	32.0	26.1	39.1

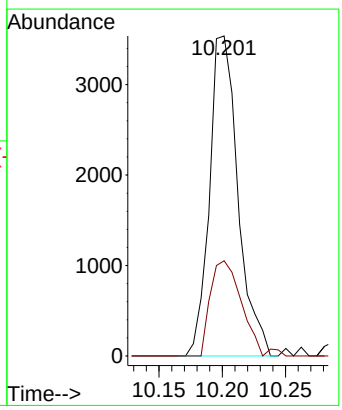


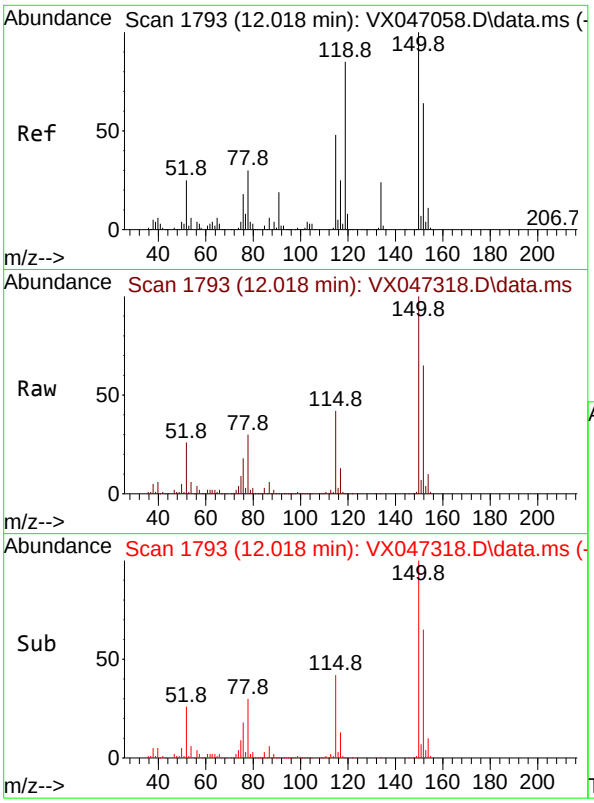


#67
Ethyl Benzene
Concen: 0.441 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.007 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Tgt Ion: 91 Resp: 5547

Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.2	36.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047318.D
Acq: 13 Aug 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
TW-82H-WRE

Tgt Ion:152 Resp: 157483

Ion	Ratio	Lower	Upper
152	100		
115	62.5	45.6	136.7
150	156.8	0.0	354.6