Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047091.D
Acq On : 23 Jul 2025 15:10
Operator : JC/MD
Sample : Q2660-03 10X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Quant Time: Jul 24 05:52:11 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	5.562	168	330507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	597669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	586982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	301743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	206576	50.175	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.360%			
35) Dibromofluoromethane	5.397	113	165953	44.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.940%			
50) Toluene-d8	8.653	98	622731	52.109	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.220%			
62) 4-Bromofluorobenzene	11.079	95	264585	51.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.760%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	4545	1.047	ug/l #	43
5) Bromomethane	1.611	94	715	0.282	ug/l	97
6) Chloroethane	1.624	64	3964	1.293	ug/l #	55
10) Methyl Iodide	2.471	142	1537	0.360	ug/l #	89
11) Tert butyl alcohol	2.953	59	1570	Below Cal	#	72
16) Acetone	2.392	43	17051	10.338	ug/l	93
17) Carbon Disulfide	2.526	76	10444	0.869	ug/l #	94
20) Methylene Chloride	2.800	84	1001	0.221	ug/l #	60
31) Cyclohexane	5.556	56	10960	1.424	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	28072	4.463	ug/l #	49
38) Carbon Tetrachloride	5.568	117	35601	5.303	ug/l #	15
39) Methylcyclohexane	7.391	83	1700	0.216	ug/l #	83
52) Toluene	8.720	92	114148	10.198	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	1616	0.251	ug/l #	1
68) m/p-Xylenes	10.311	106	2876	0.320	ug/l	93
69) o-Xylene	10.652	106	1715	0.200	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	137861	24.684	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	137861	63.595	ug/l #	8
83) tert-Butylbenzene	11.969	119	7711	0.391	ug/l	73
84) 1,2,4-Trimethylbenzene	11.750	105	17236	0.879	ug/l	97
85) sec-Butylbenzene	11.750	105	17236	0.699	ug/l #	57
86) p-Isopropyltoluene	11.969	119	7711	0.377	ug/l	87
89) n-Butylbenzene	12.317	91	120212	6.267	ug/l #	23
90) Hexachloroethane	12.530	117	47607	13.011	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.957	75	9027	6.916	ug/l #	4
95) Naphthalene	13.774	128	88083	4.386	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.969	180	2140	0.324	ug/l #	6

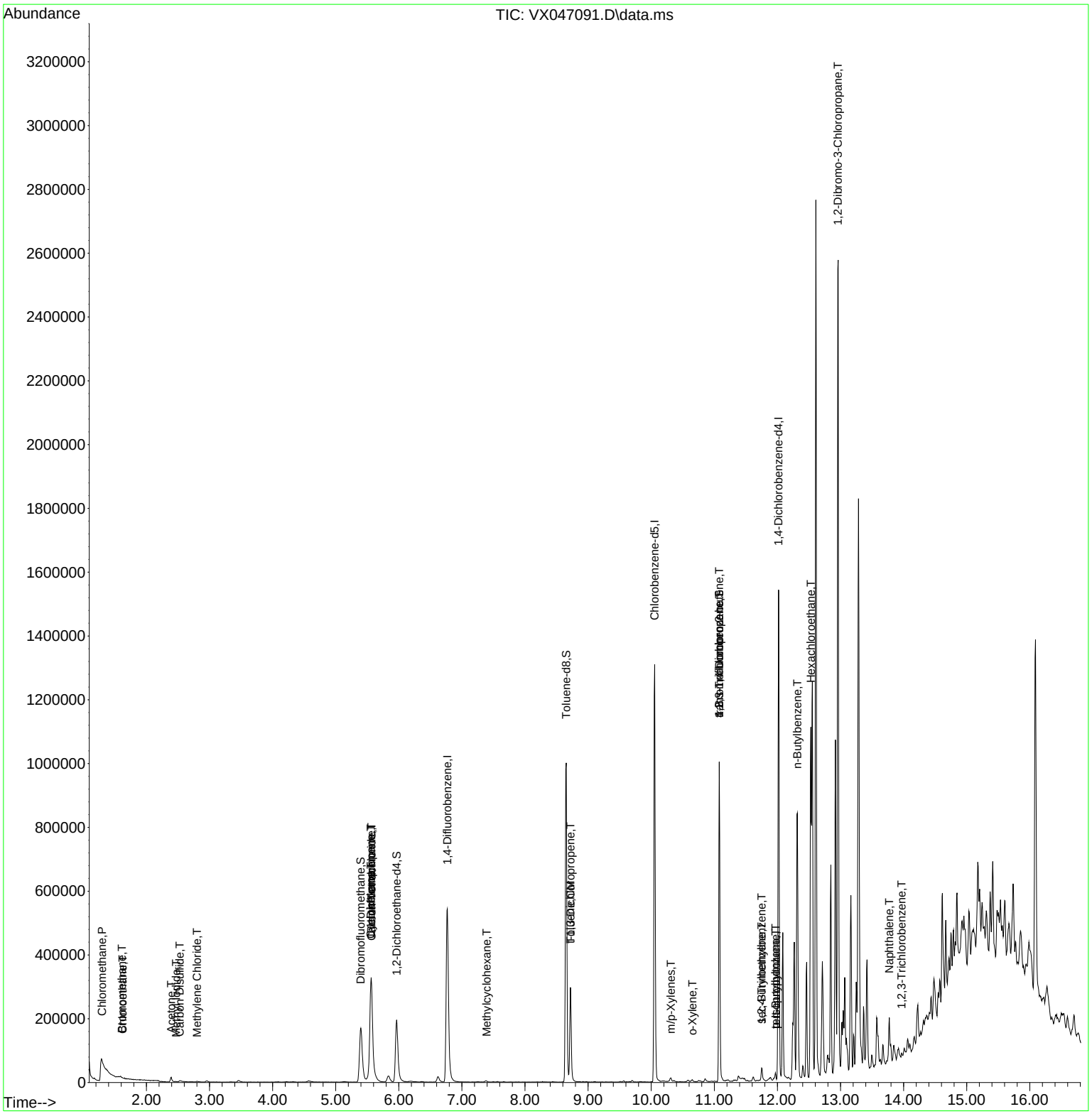
(#) = qualifier out of range (m) = manual integration (+) = signals summed

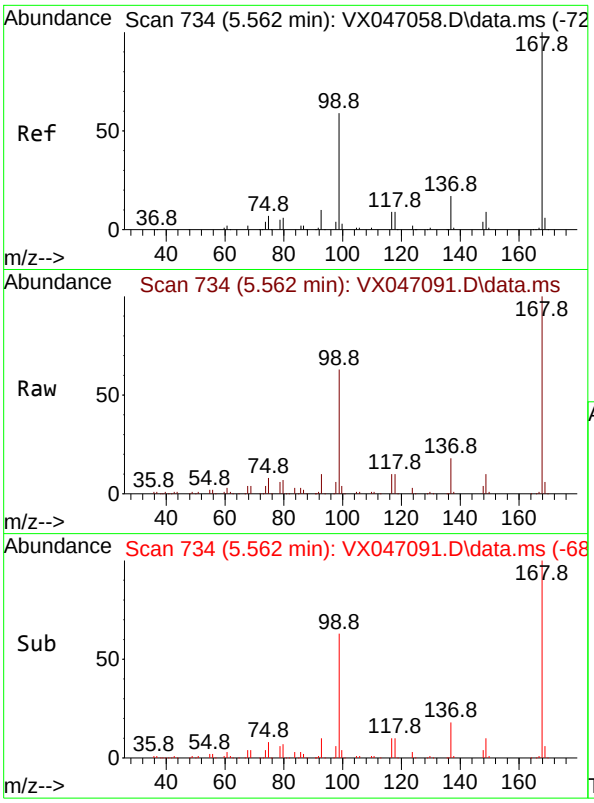
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047091.D
Acq On : 23 Jul 2025 15:10
Operator : JC/MD
Sample : Q2660-03 10X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Quant Time: Jul 24 05:52:11 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



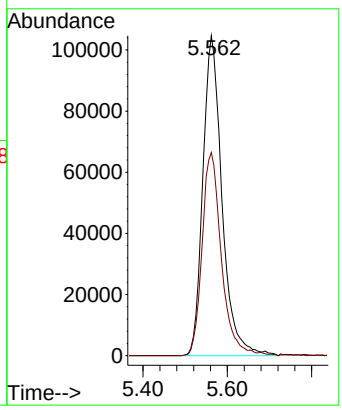


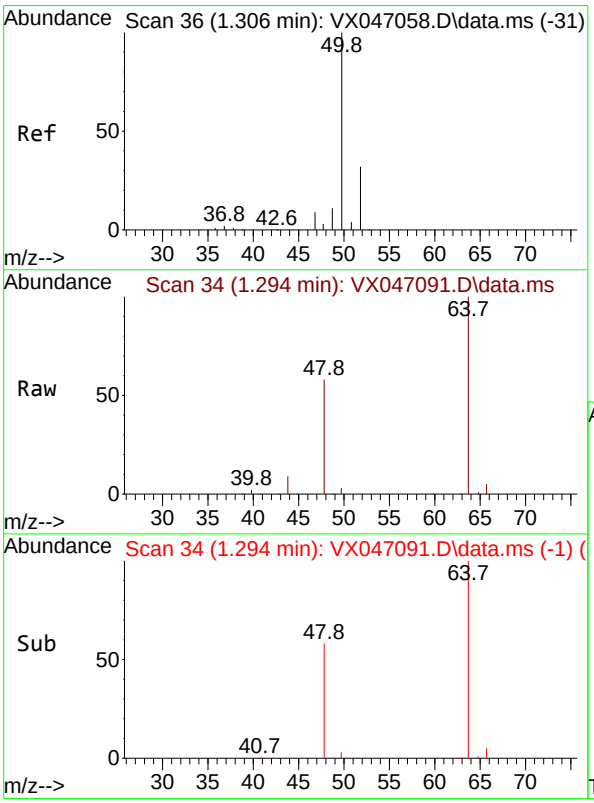
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion:168 Resp: 330507

Ion	Ratio	Lower	Upper
168	100		
99	63.4	48.0	72.0

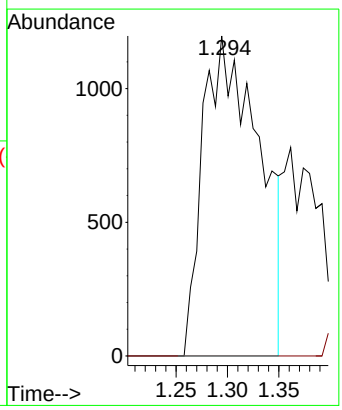


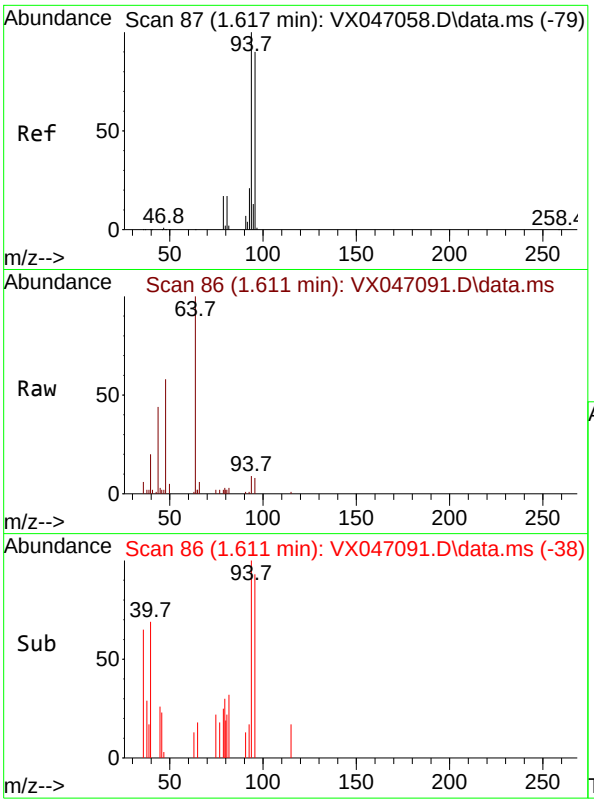


#3
Chloromethane
Concen: 1.047 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion: 50 Resp: 4545

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.4	38.2#



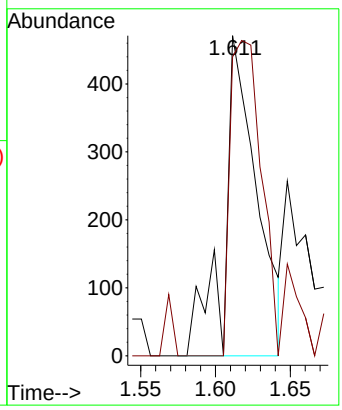


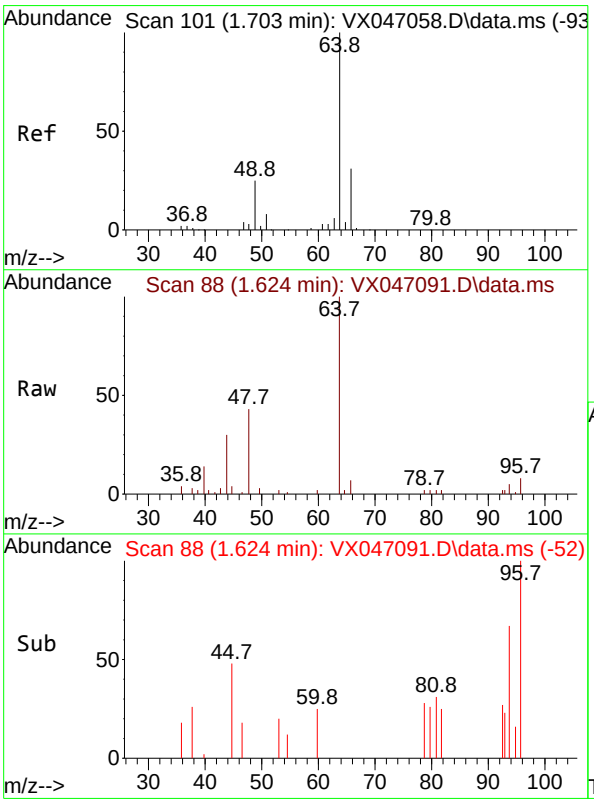
#5
Bromomethane
Concen: 0.282 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion: 94 Resp: 715

Ion	Ratio	Lower	Upper
94	100		
96	93.4	72.3	108.5

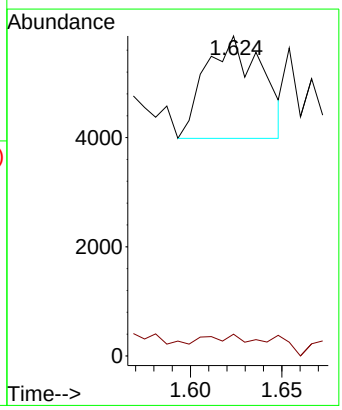


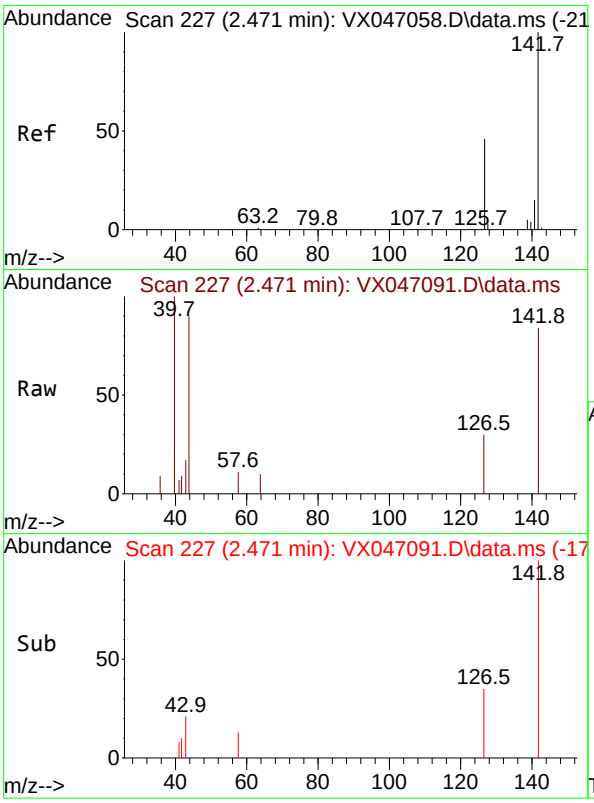


#6
Chloroethane
Concen: 1.293 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.079 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion: 64 Resp: 3964

Ion	Ratio	Lower	Upper
64	100		
66	6.3	25.0	37.6#



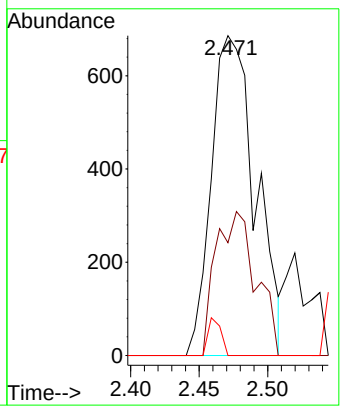


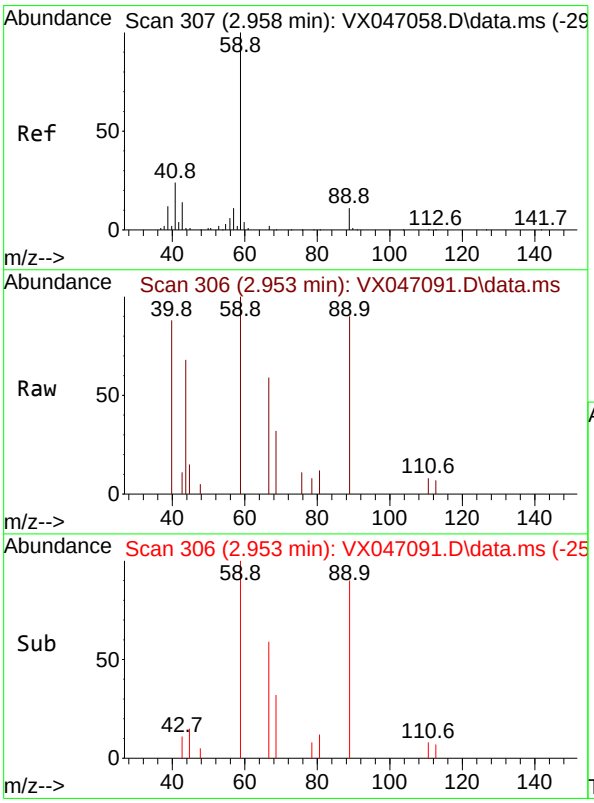
#10
Methyl Iodide
Concen: 0.360 ug/l
RT: 2.471 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion:142 Resp: 1537

Ion	Ratio	Lower	Upper
142	100		
127	41.1	36.6	54.8
141	3.4	10.9	16.3#

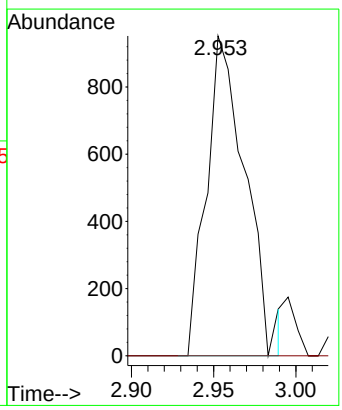


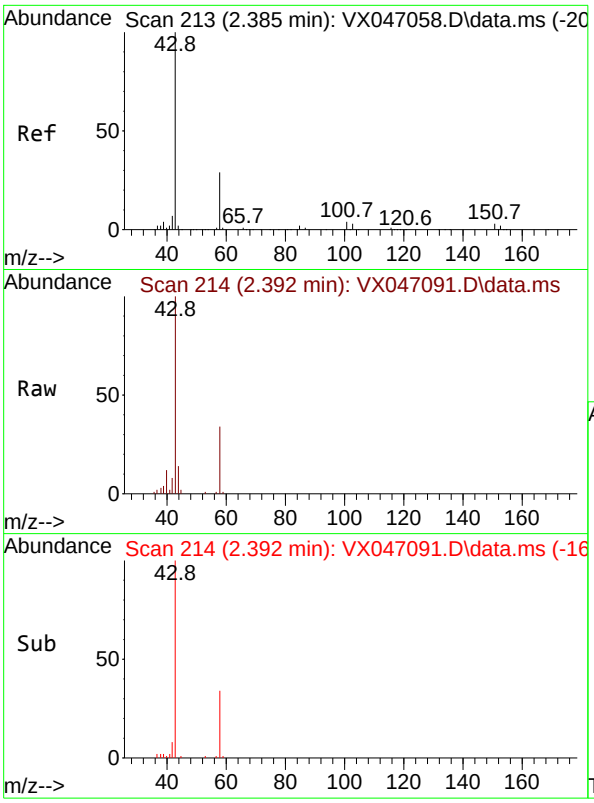


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion: 59 Resp: 1570

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



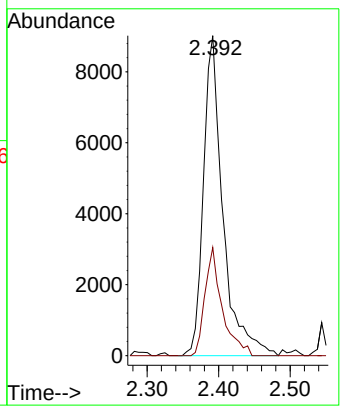


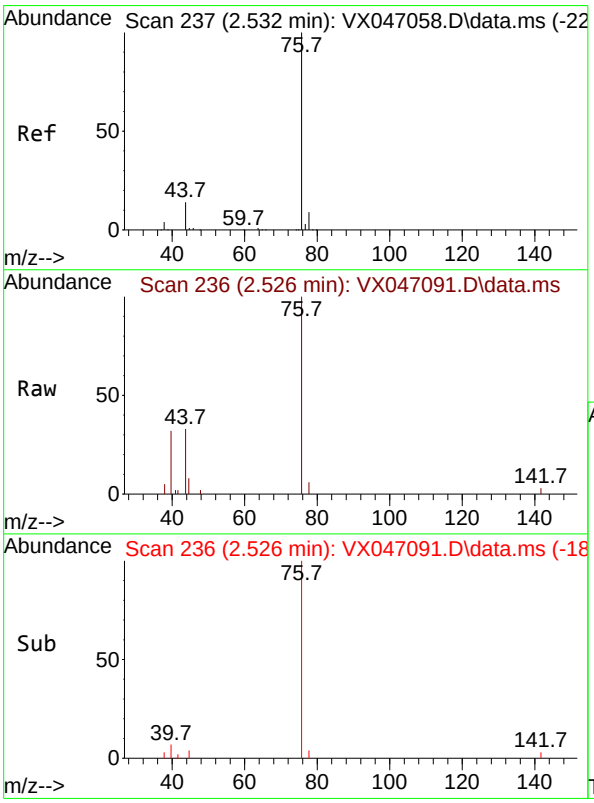
#16
Acetone
Concen: 10.338 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion: 43 Resp: 17051

Ion	Ratio	Lower	Upper
43	100		
58	33.8	24.0	36.0

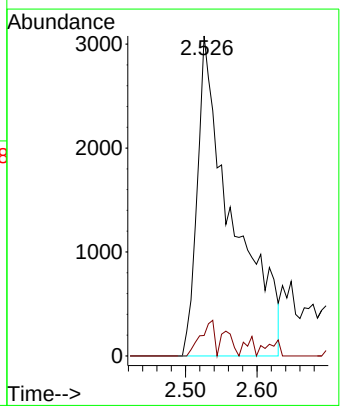


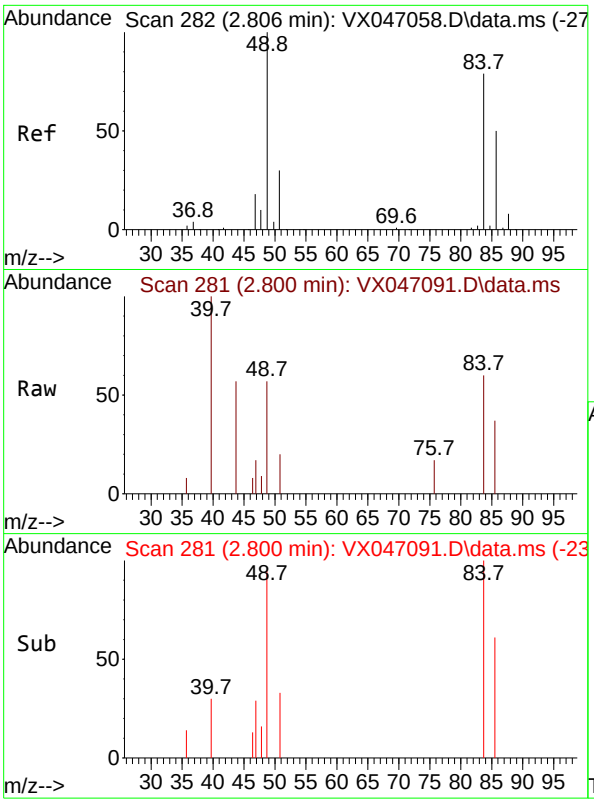


#17
Carbon Disulfide
Concen: 0.869 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion: 76 Resp: 10444

Ion	Ratio	Lower	Upper
76	100		
78	6.4	7.0	10.4#



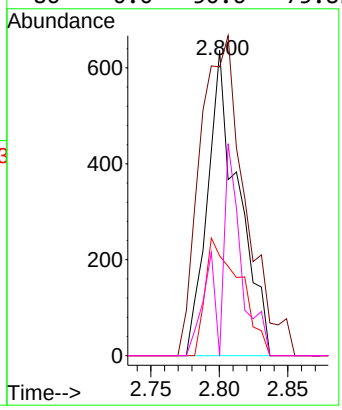


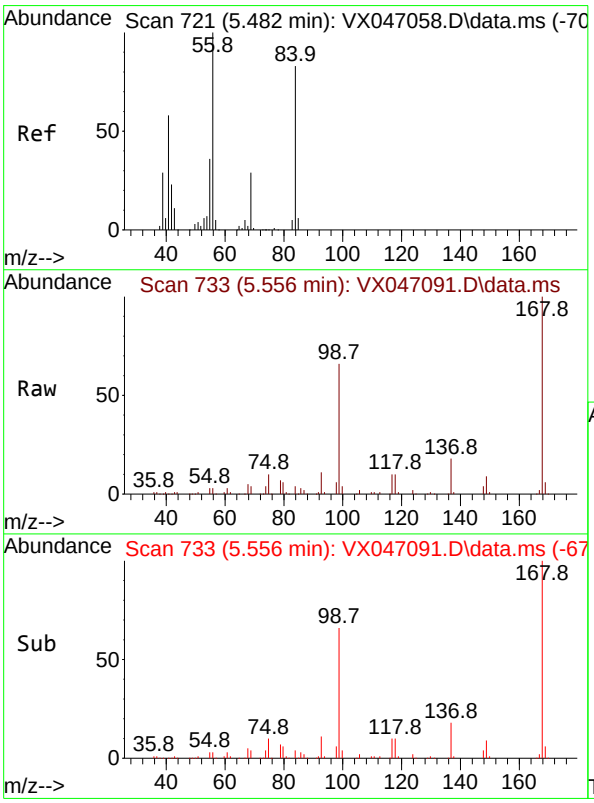
#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.800 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion: 84 Resp: 1001

Ion	Ratio	Lower	Upper
84	100		
49	94.7	101.6	152.4#
51	32.7	30.3	45.5
86	0.0	50.6	75.8#

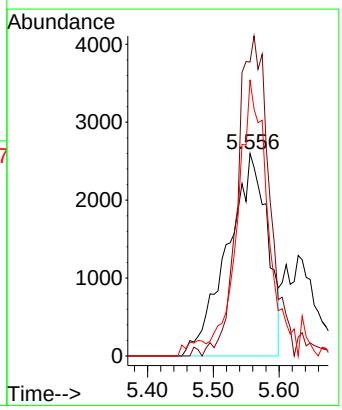


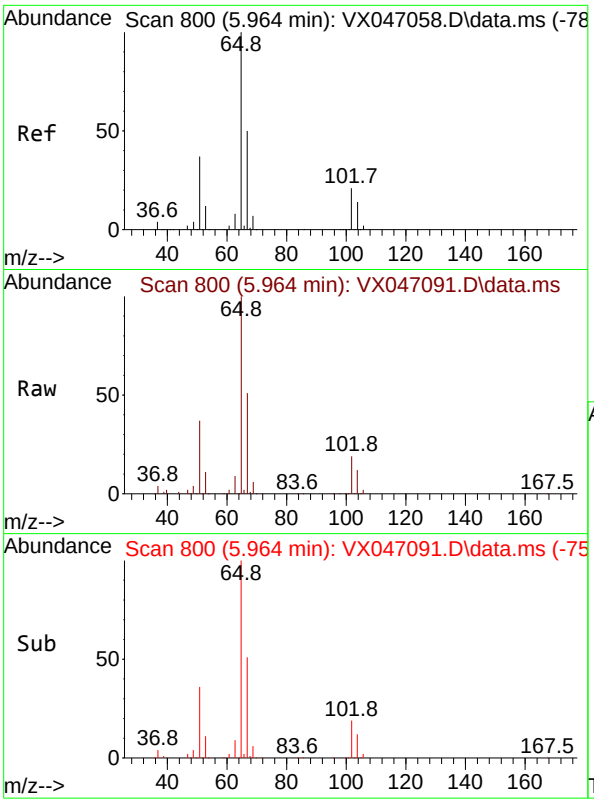


#31
Cyclohexane
Concen: 1.424 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion: 56 Resp: 10960

Ion	Ratio	Lower	Upper
56	100		
69	145.2	23.3	34.9#
84	136.5	66.5	99.7#



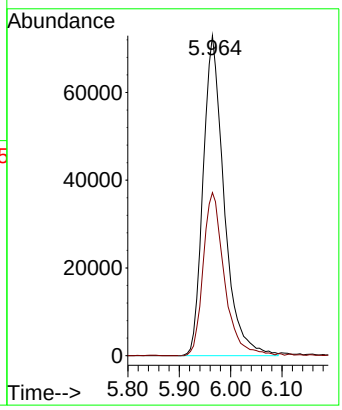


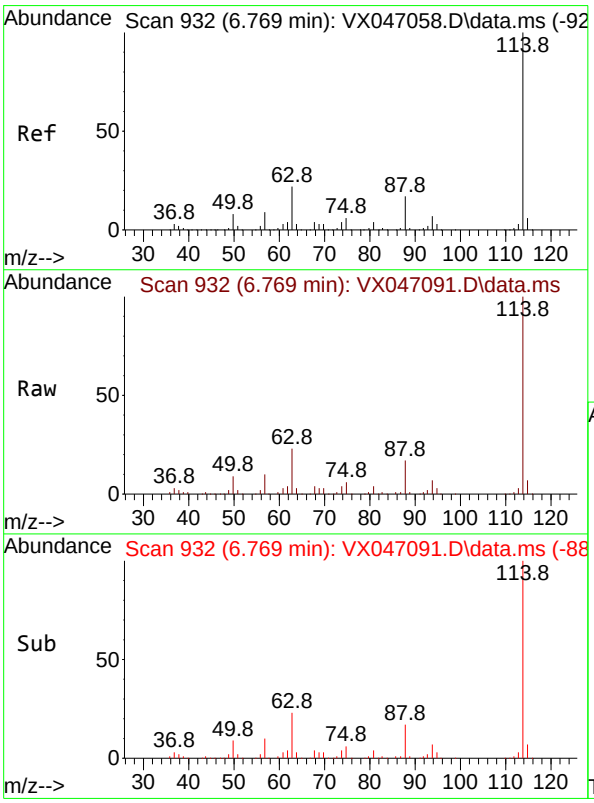
#33
1,2-Dichloroethane-d4
Concen: 50.175 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion: 65 Resp: 206576

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.8

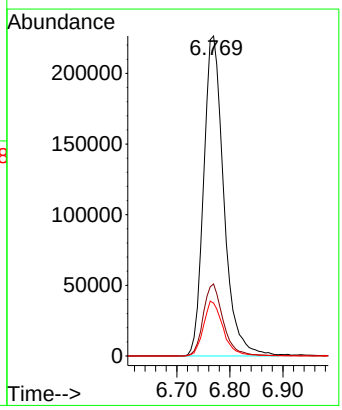


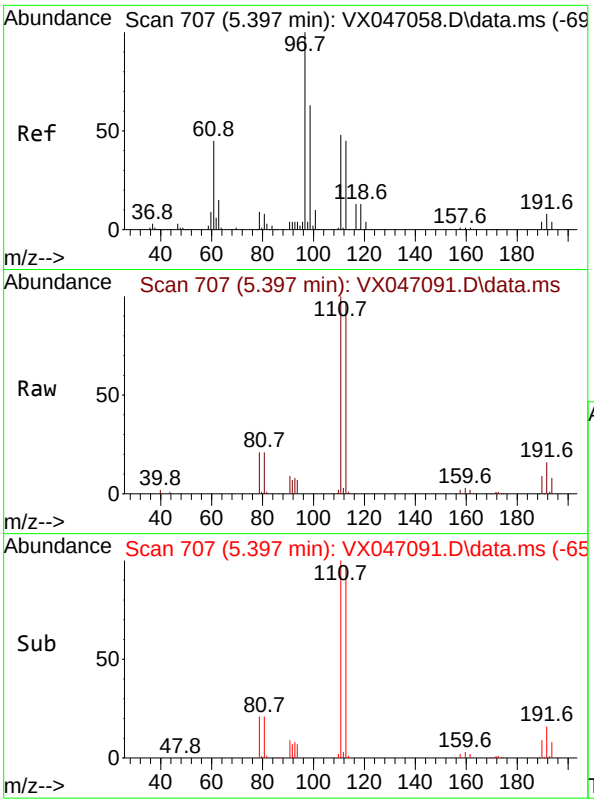


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion:114 Resp: 597669

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.2
88	16.5	0.0	33.8



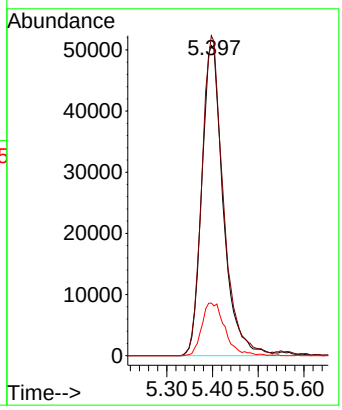


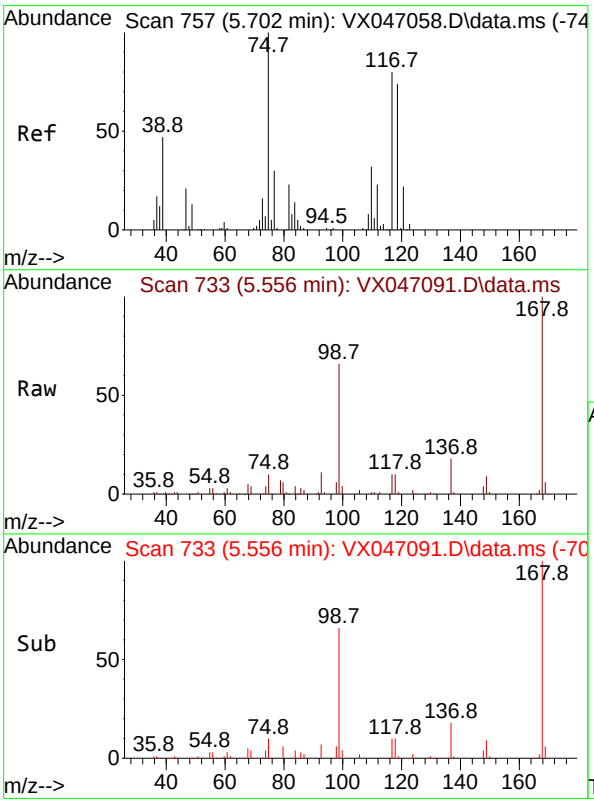
#35
Dibromofluoromethane
Concen: 44.971 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion:113 Resp: 165953

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	18.4	14.9	22.3

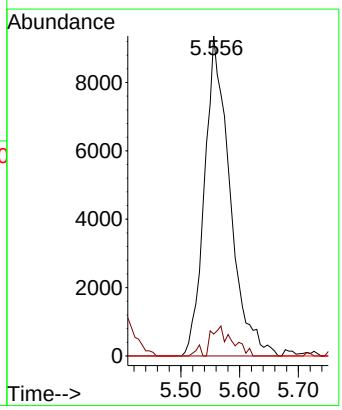


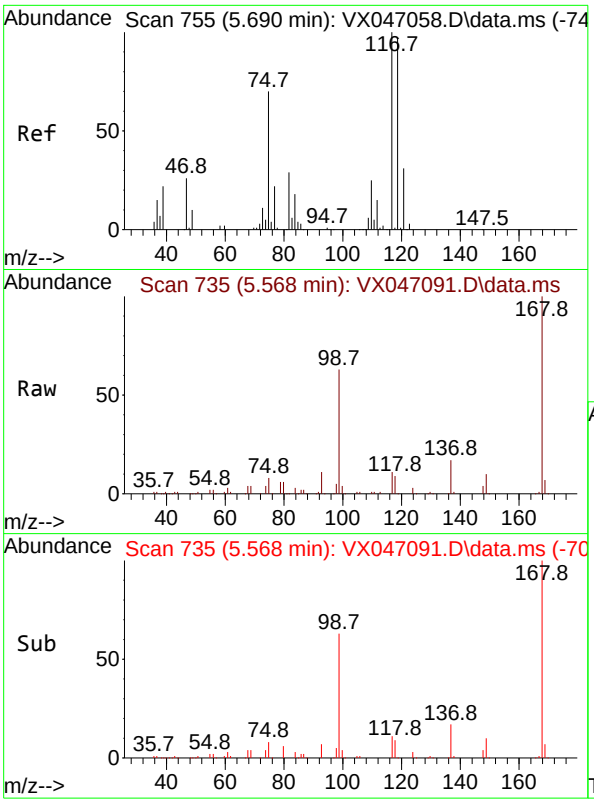


#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion: 75 Resp: 28072

Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.2	51.5#
77	0.0	25.1	37.7#



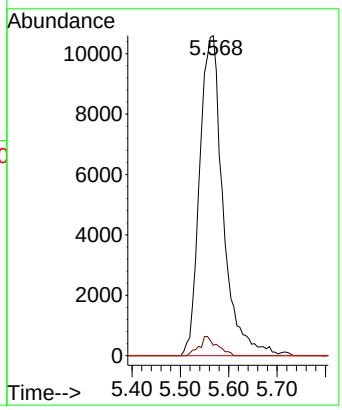


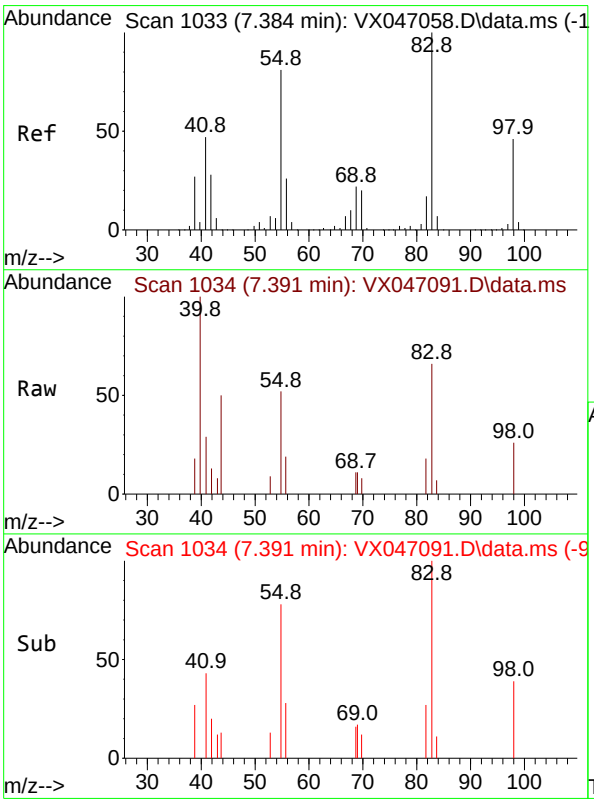
#38
Carbon Tetrachloride
Concen: 5.303 ug/l
RT: 5.568 min Scan# 7
Delta R.T. -0.122 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion:117 Resp: 35601

Ion	Ratio	Lower	Upper
117	100		
119	3.2	76.6	115.0#
121	0.0	24.4	36.6#

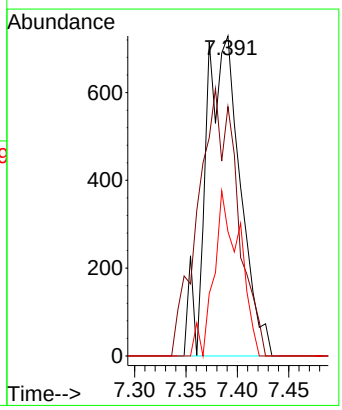


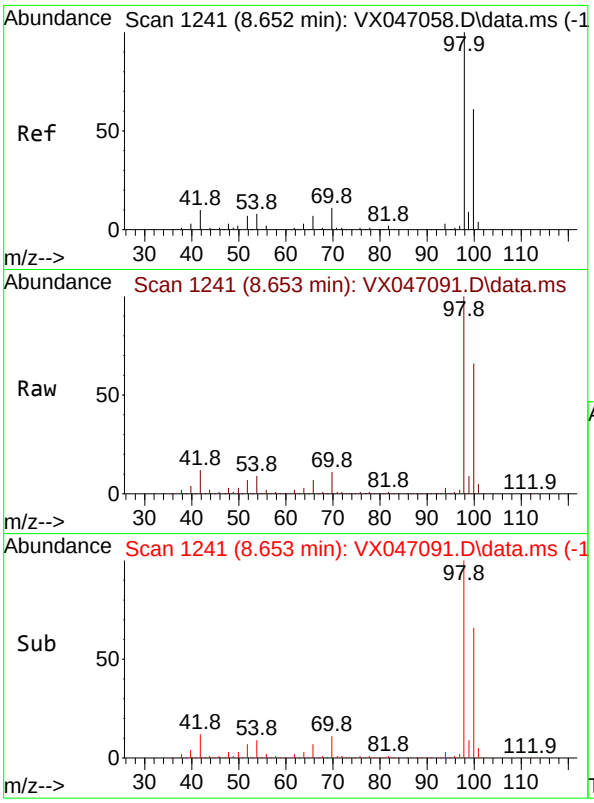


#39
Methylcyclohexane
Concen: 0.216 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion: 83 Resp: 1700

Ion	Ratio	Lower	Upper
83	100		
55	95.5	64.5	96.7
98	35.1	36.9	55.3#



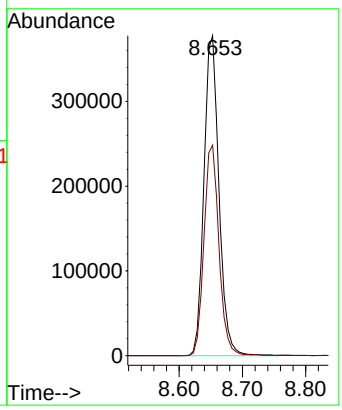


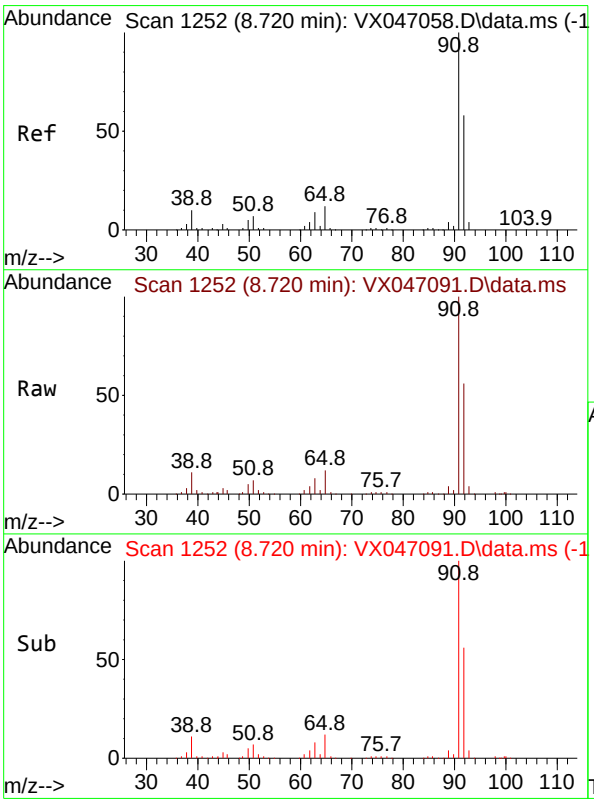
#50
Toluene-d8
Concen: 52.109 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion: 98 Resp: 622731

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.3	79.9

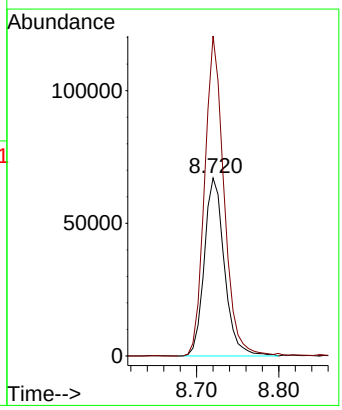


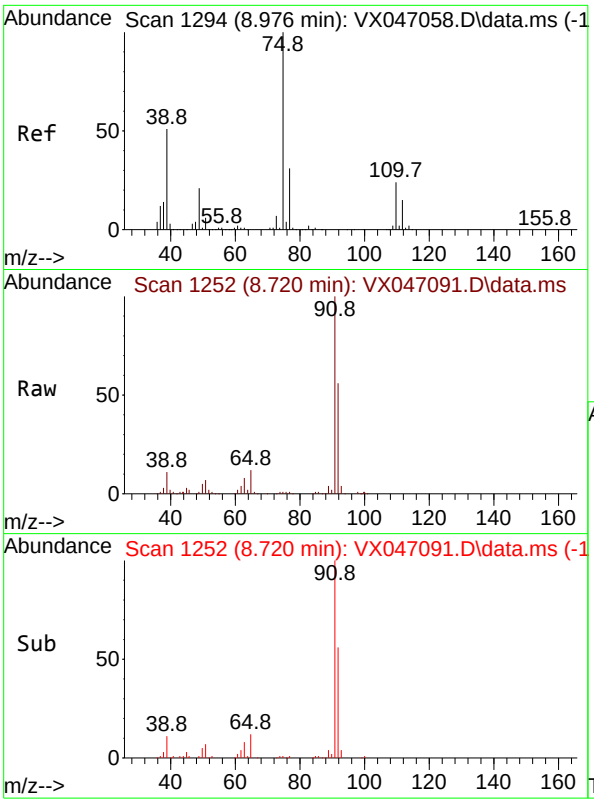


#52
Toluene
Concen: 10.198 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion: 92 Resp: 114148

Ion	Ratio	Lower	Upper
92	100		
91	173.3	137.9	206.9



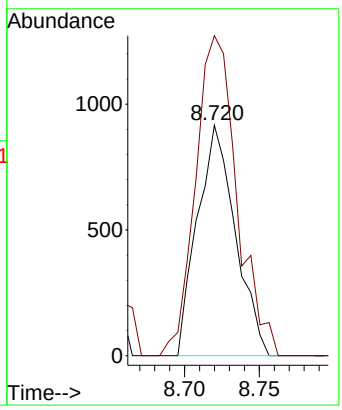


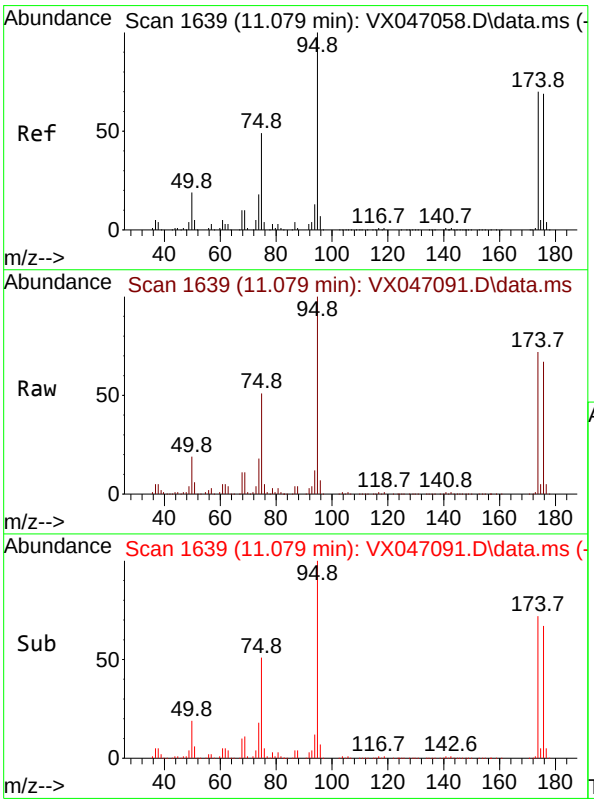
#53
t-1,3-Dichloropropene
Concen: 0.251 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.256 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion: 75 Resp: 1616

Ion	Ratio	Lower	Upper
75	100		
77	138.9	24.5	36.7#

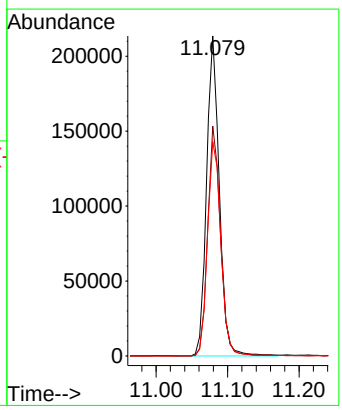


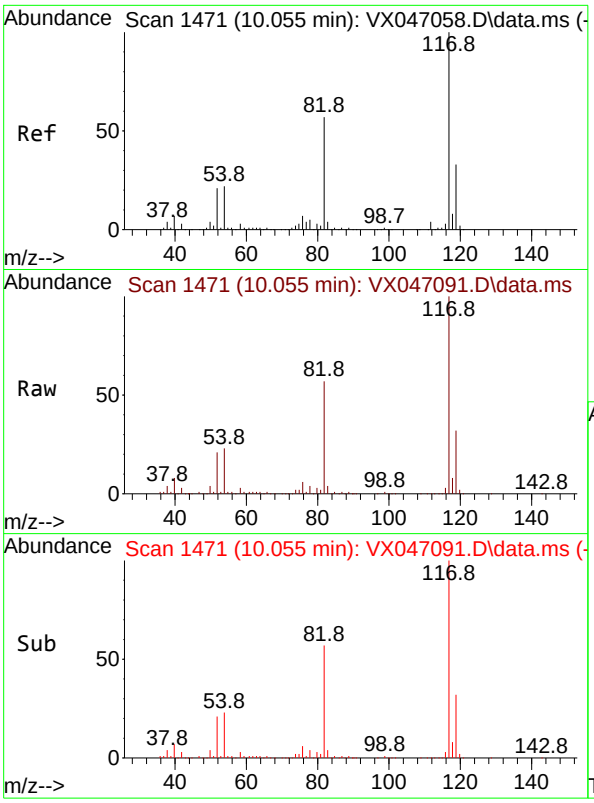


#62
4-Bromofluorobenzene
Concen: 51.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion: 95 Resp: 264585

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	144.6
176	70.1	0.0	139.6



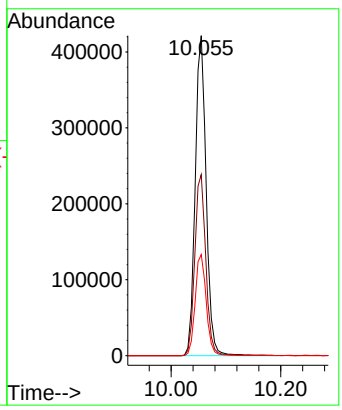


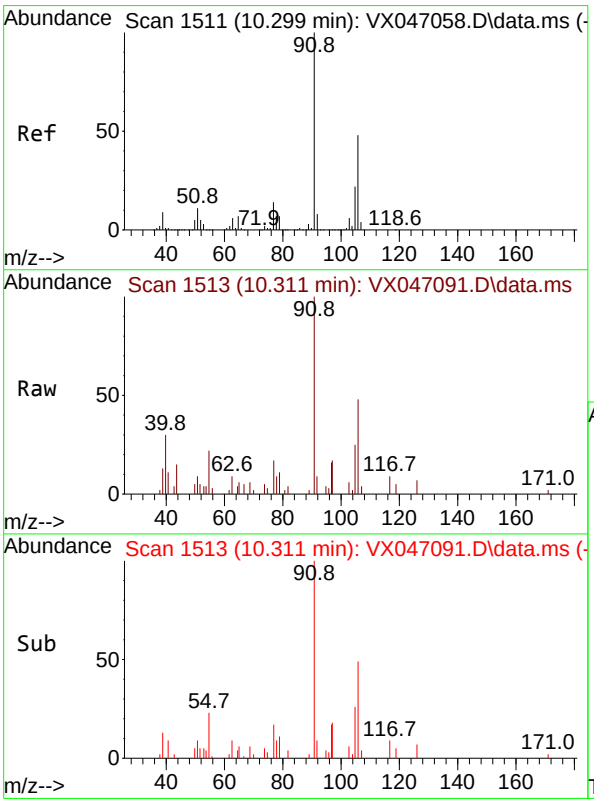
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion:117 Resp: 586982

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.4	68.2
119	31.6	26.1	39.1

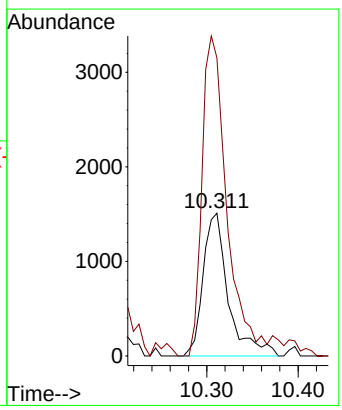


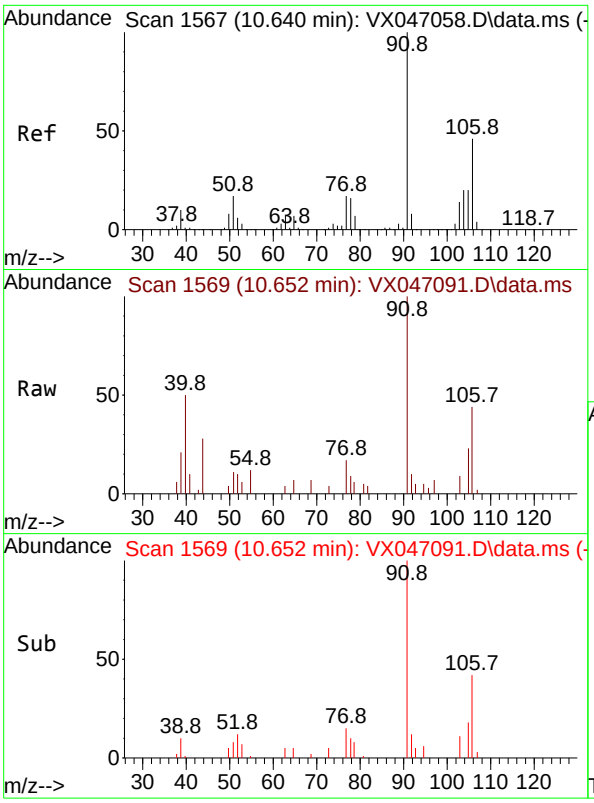


#68
m/p-Xylenes
Concen: 0.320 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.013 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion:106 Resp: 2876

Ion	Ratio	Lower	Upper
106	100		
91	220.5	167.4	251.0



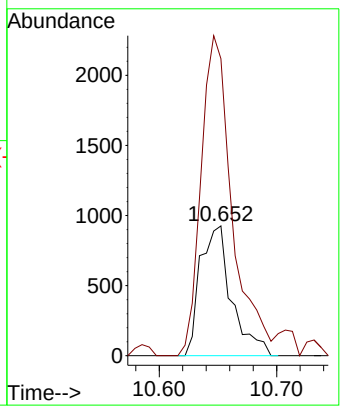


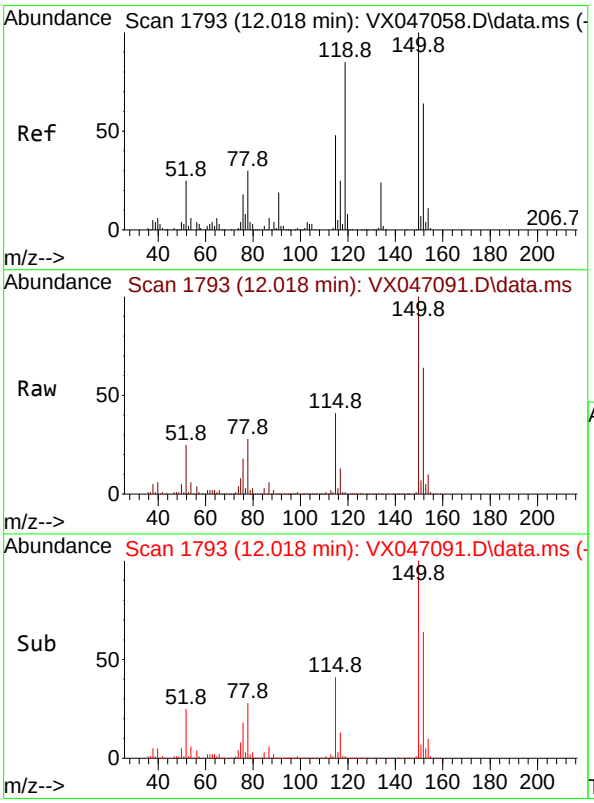
#69
o-Xylene
Concen: 0.200 ug/l
RT: 10.652 min Scan# 1
Delta R.T. 0.013 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion:106 Resp: 1715

Ion	Ratio	Lower	Upper
106	100		
91	244.7	110.3	331.0

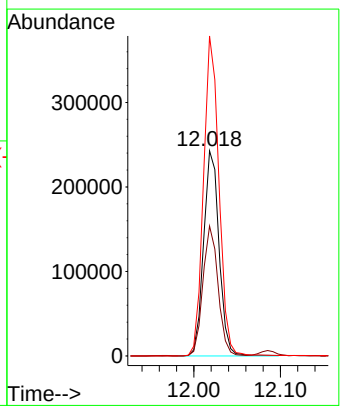


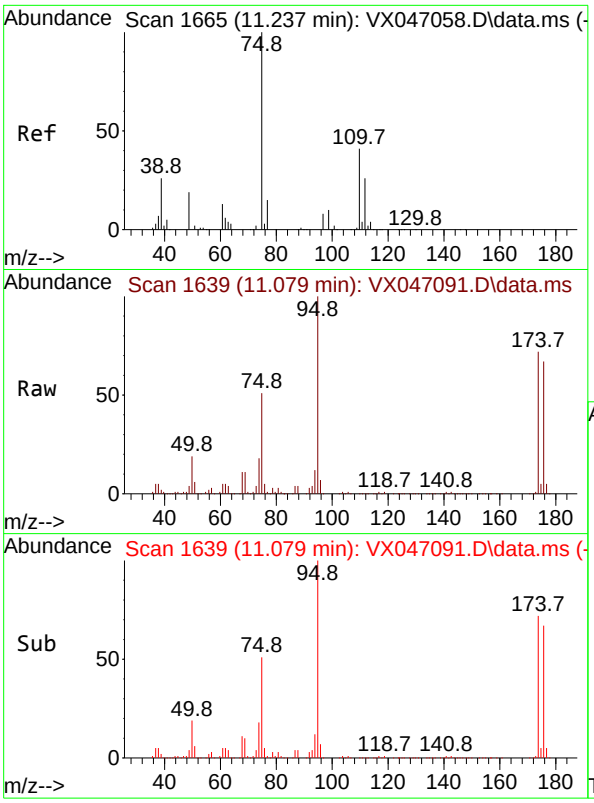


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion:152 Resp: 301743

Ion	Ratio	Lower	Upper
152	100		
115	61.8	45.6	136.7
150	155.4	0.0	354.6



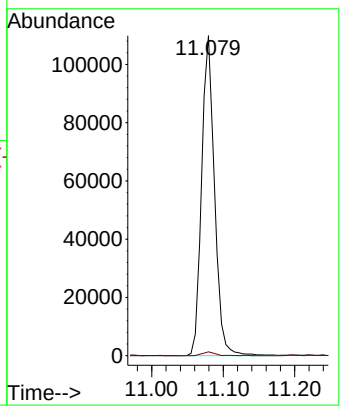


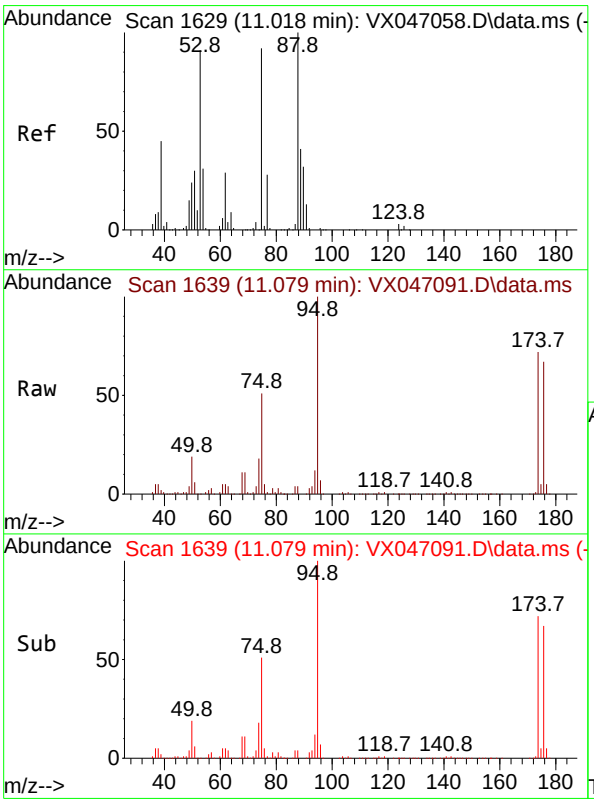
#76
1,2,3-Trichloropropane
Concen: 24.684 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion: 75 Resp: 137861

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.6	65.0#

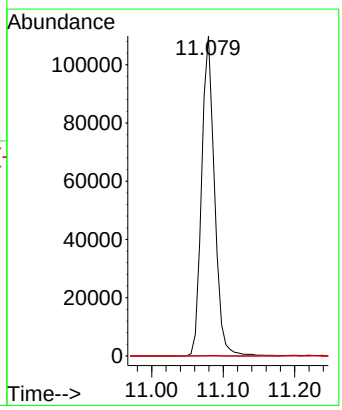


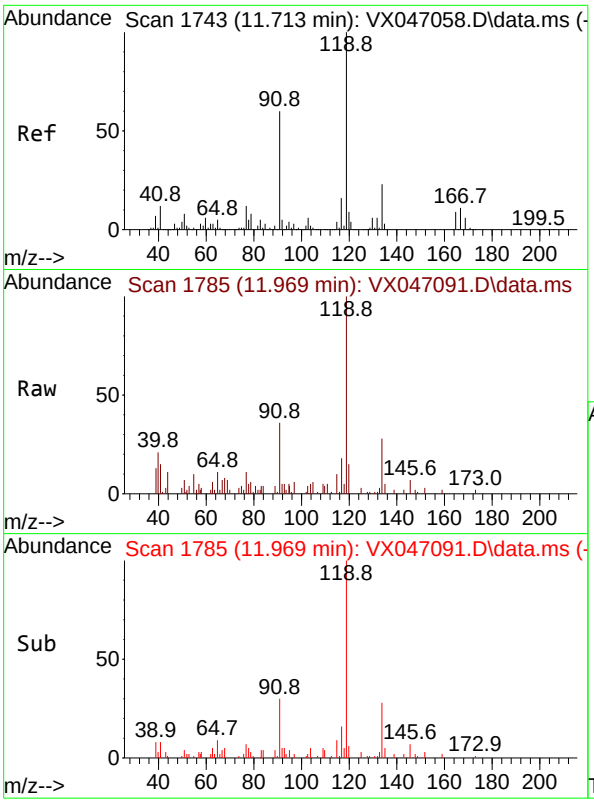


#81
trans-1,4-Dichloro-2-butene
Concen: 63.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion: 75 Resp: 137861

Ion	Ratio	Lower	Upper
75	100		
53	0.2	84.2	126.4#
89	0.0	36.0	54.0#



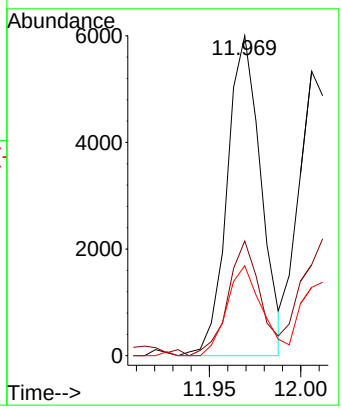


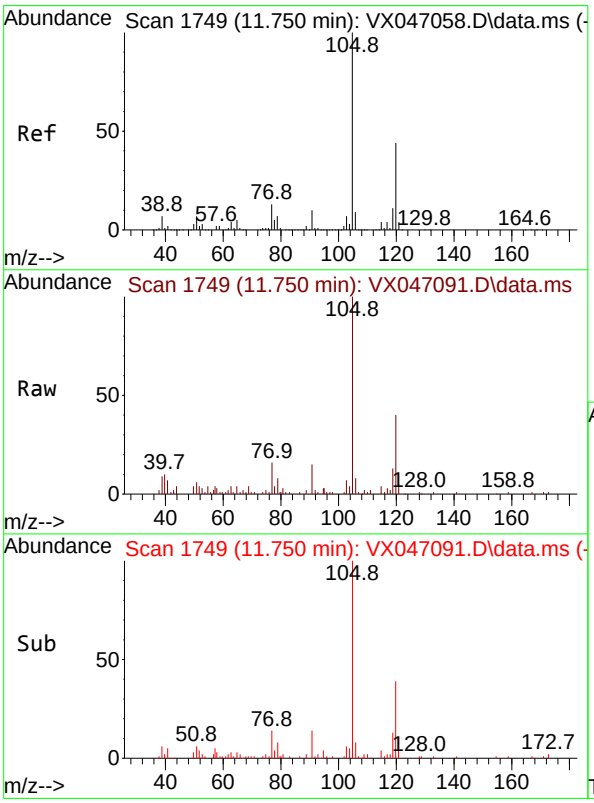
#83
tert-Butylbenzene
Concen: 0.391 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.256 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion:119 Resp: 7711

Ion	Ratio	Lower	Upper
119	100		
91	34.4	29.6	88.8
134	28.7	11.4	34.1

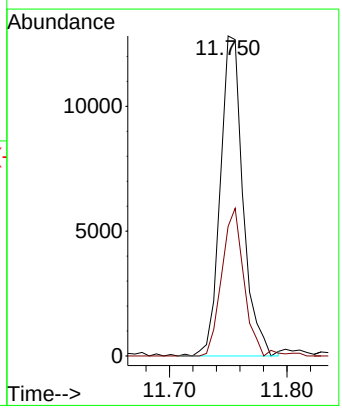


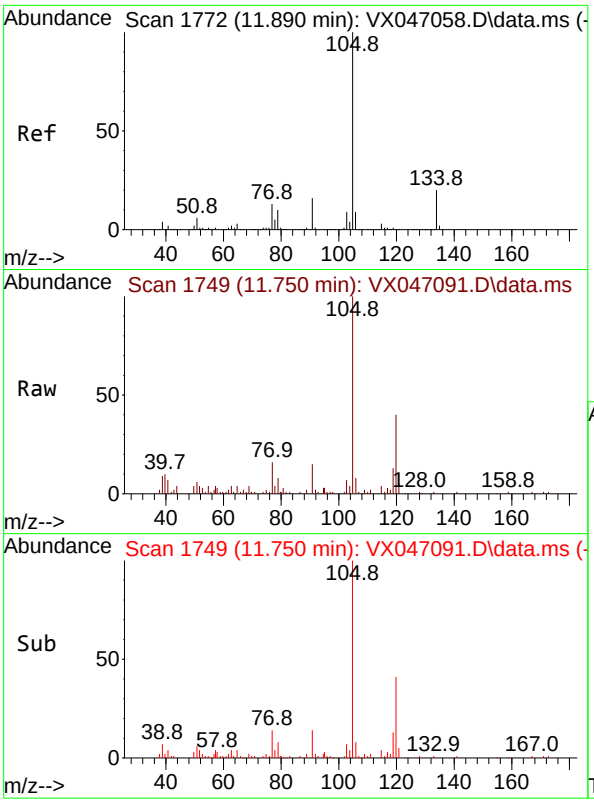


#84
1,2,4-Trimethylbenzene
Concen: 0.879 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion:105 Resp: 17236

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.0	66.0



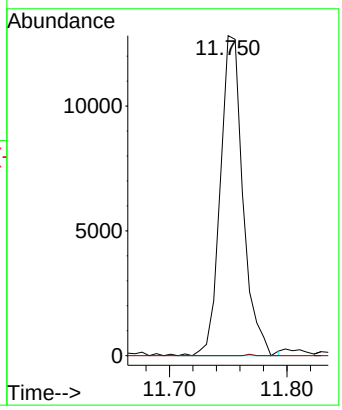


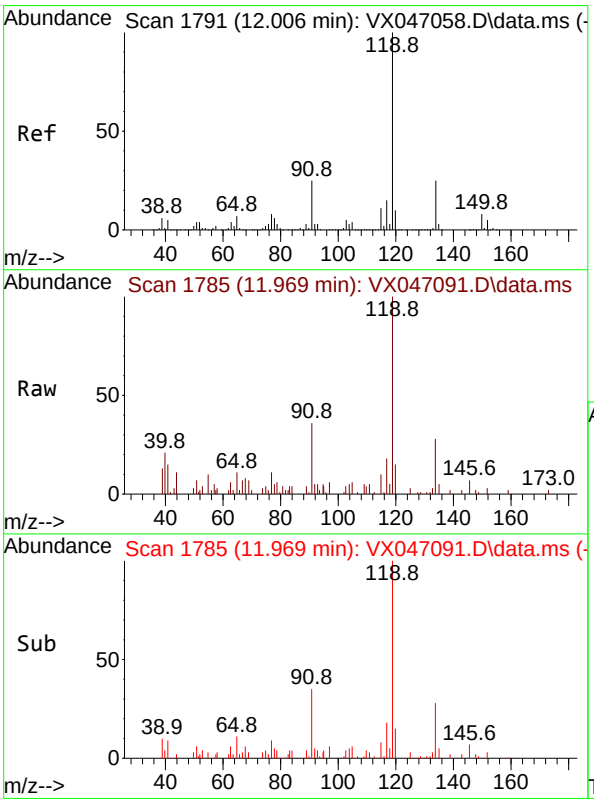
#85
sec-Butylbenzene
Concen: 0.699 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.140 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion:105 Resp: 17236

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.9	29.7#

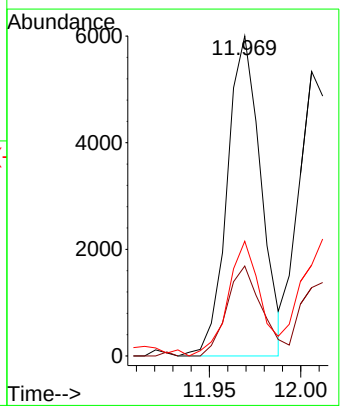


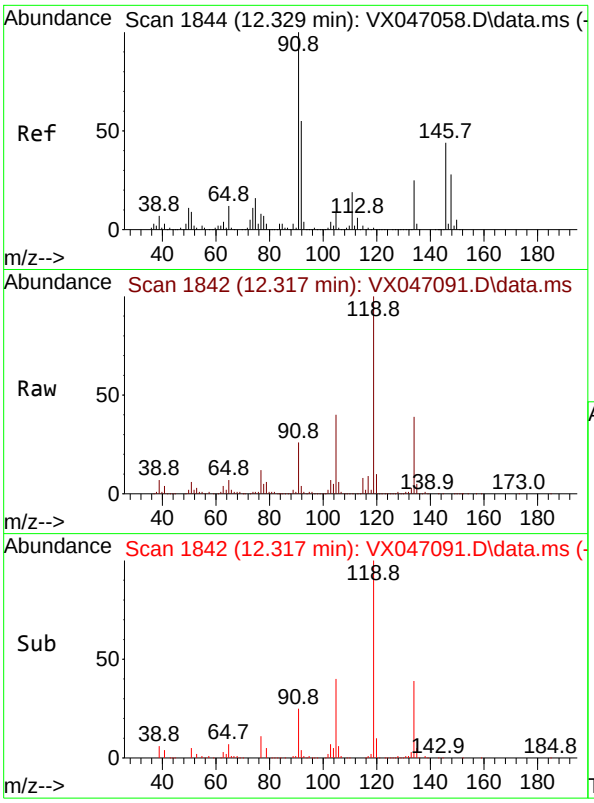


#86
p-Isopropyltoluene
Concen: 0.377 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.036 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion:119 Resp: 7711

Ion	Ratio	Lower	Upper
119	100		
134	29.6	12.8	38.4
91	34.4	12.4	37.4



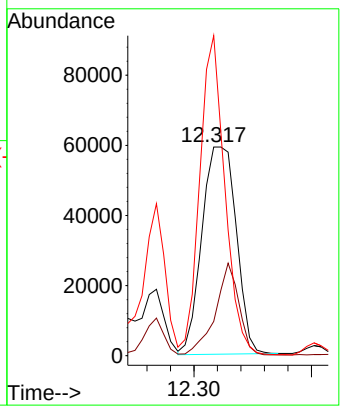


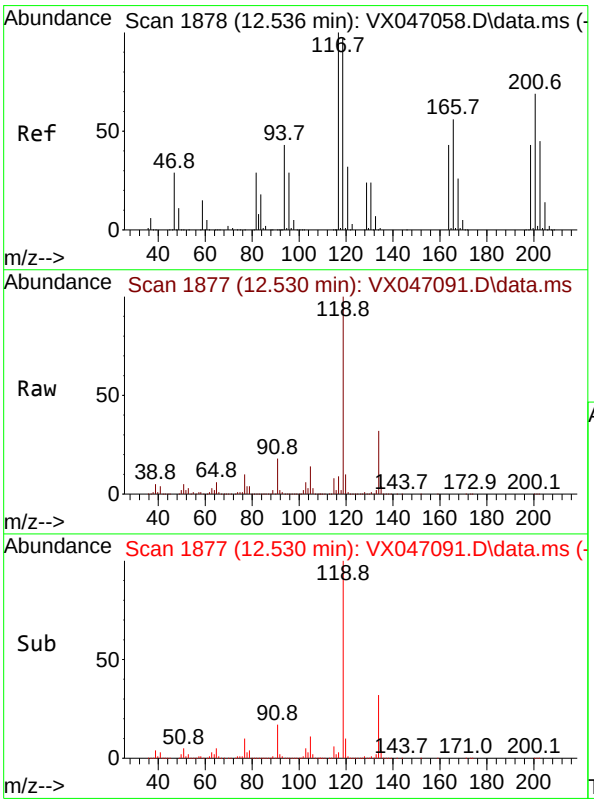
#89
n-Butylbenzene
Concen: 6.267 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.012 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion: 91 Resp: 120212

Ion	Ratio	Lower	Upper
91	100		
92	30.7	27.5	82.5
134	112.0	12.8	38.3#

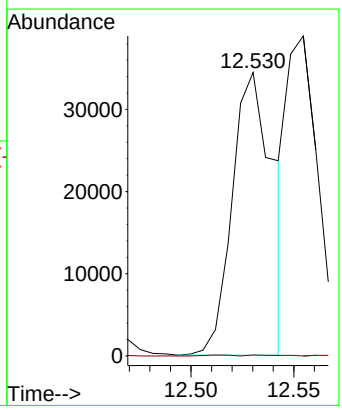


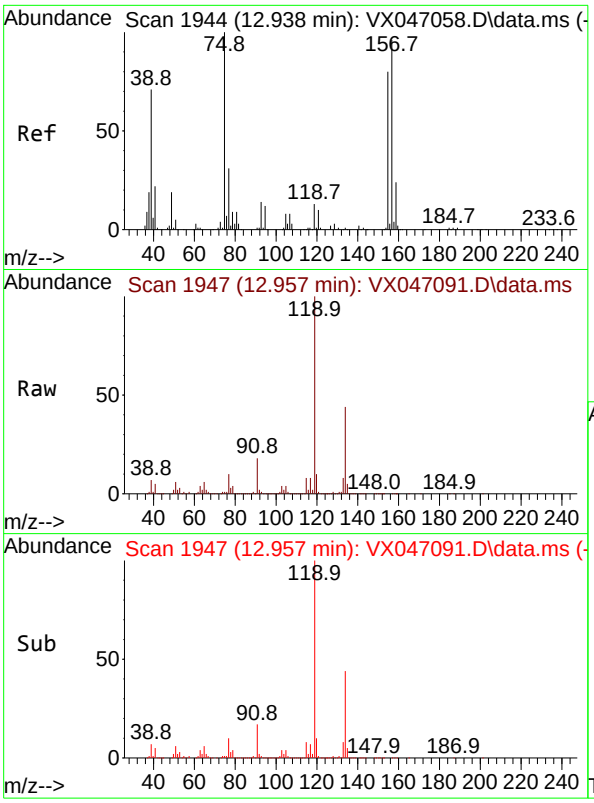


#90
Hexachloroethane
Concen: 13.011 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion:117 Resp: 47607

Ion	Ratio	Lower	Upper
117	100		
201	0.3	34.8	104.5#



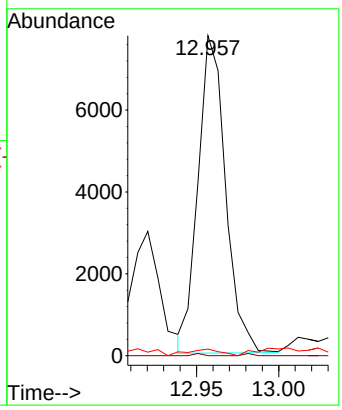


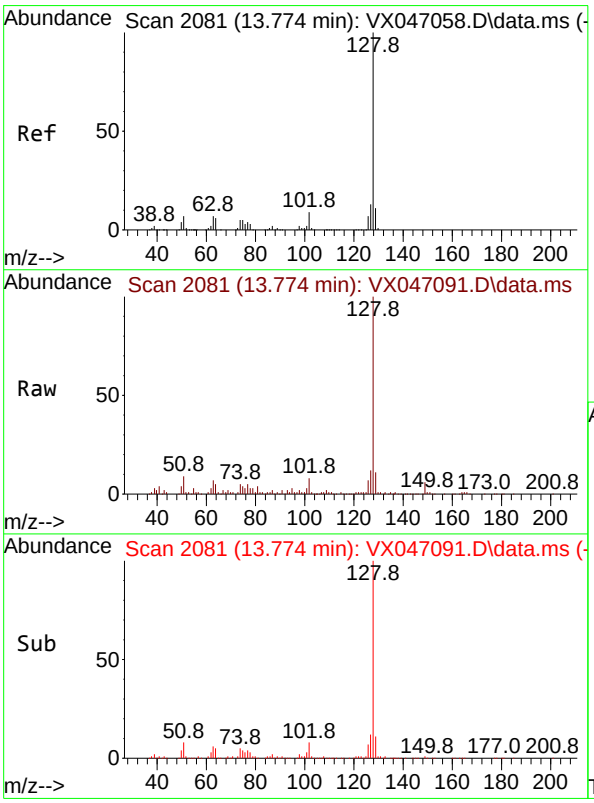
#92
1,2-Dibromo-3-Chloropropane
Concen: 6.916 ug/l
RT: 12.957 min Scan# 1
Delta R.T. 0.019 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion: 75 Resp: 9027

Ion	Ratio	Lower	Upper
75	100		
155	0.2	41.3	124.1#
157	2.5	52.8	158.3#

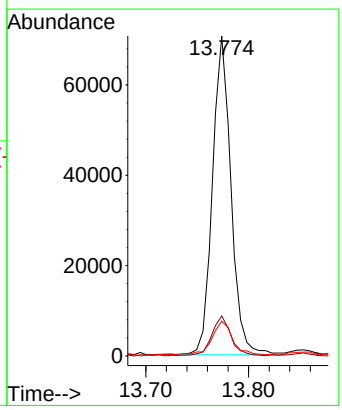


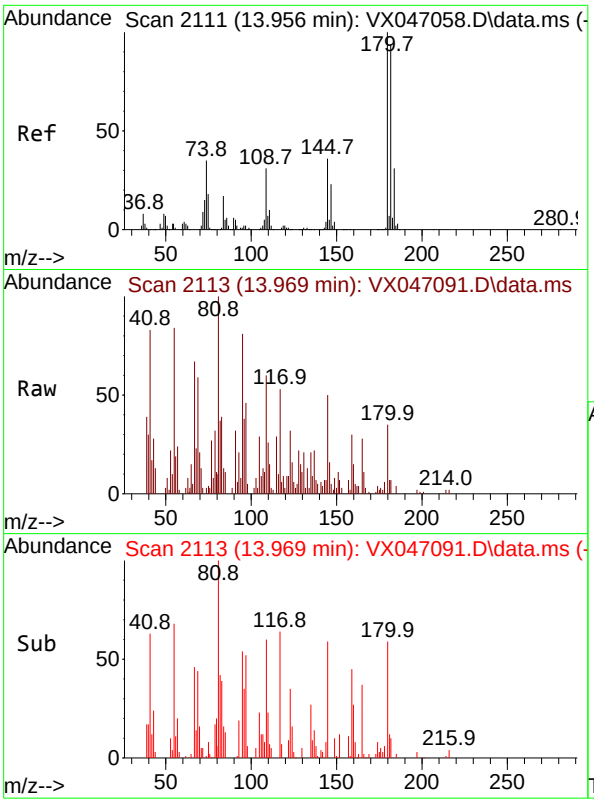


#95
Naphthalene
Concen: 4.386 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Tgt Ion:128 Resp: 88083

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	13.8	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.324 ug/l
RT: 13.969 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX047091.D
Acq: 23 Jul 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Tgt Ion:180 Resp: 2140

Ion	Ratio	Lower	Upper
180	100		
182	16.8	46.9	140.6#
145	111.3	17.3	52.0#