Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047168.D
Acq On : 28 Jul 2025 16:11
Operator : JC/MD
Sample : Q2703-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 29 02:19:32 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	338645	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.769	114	585218	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	520279	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	264253	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.964	65	209278	49.610	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.220%				
35) Dibromofluoromethane	5.397	113	177500	49.124	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.240%				
50) Toluene-d8	8.653	98	544253	46.511	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.020%				
62) 4-Bromofluorobenzene	11.079	95	252375	50.047	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.100%				
Target Compounds							Qvalue
10) Methyl Iodide	2.471	142	2268	0.518	ug/l		92
11) Tert butyl alcohol	2.959	59	492	Below Cal			96
13) Acrolein	2.258	56	372	0.410	ug/l	#	73
14) Allyl chloride	2.721	41	5085	0.661	ug/l	#	47
16) Acetone	2.392	43	81167	48.030	ug/l		96
17) Carbon Disulfide	2.532	76	3813	0.310	ug/l		98
18) Methyl Acetate	2.715	43	32886	7.323	ug/l		100
20) Methylene Chloride	2.806	84	11955	2.571	ug/l		91
25) 2-Butanone	4.586	43	23597	9.590	ug/l		98
29) Tetrahydrofuran	5.056	42	952	0.600	ug/l	#	45
31) Cyclohexane	5.562	56	8086	1.025	ug/l	#	31
36) 1,1-Dichloropropene	5.568	75	28473	4.623	ug/l	#	50
37) Ethyl Acetate	4.757	43	15750	2.775	ug/l	#	74
38) Carbon Tetrachloride	5.568	117	36468	5.547	ug/l	#	15
43) Isopropyl Acetate	6.360	43	12787	1.445	ug/l		98
48) Methyl methacrylate	7.799	41	55737	11.564	ug/l	#	46
51) 4-Methyl-2-Pentanone	8.549	43	147961	28.135	ug/l	#	49
54) cis-1,3-Dichloropropene	8.549	75	67235	9.762	ug/l	#	57
57) 1,3-Dichloropropane	9.482	76	3093	0.433	ug/l	#	43
59) 2-Hexanone	9.378	43	29909	8.608	ug/l	#	25
76) 1,2,3-Trichloropropane	11.079	75	131507	26.886	ug/l	#	35
81) trans-1,4-Dichloro-2-b...	11.079	75	131507	69.270	ug/l	#	8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
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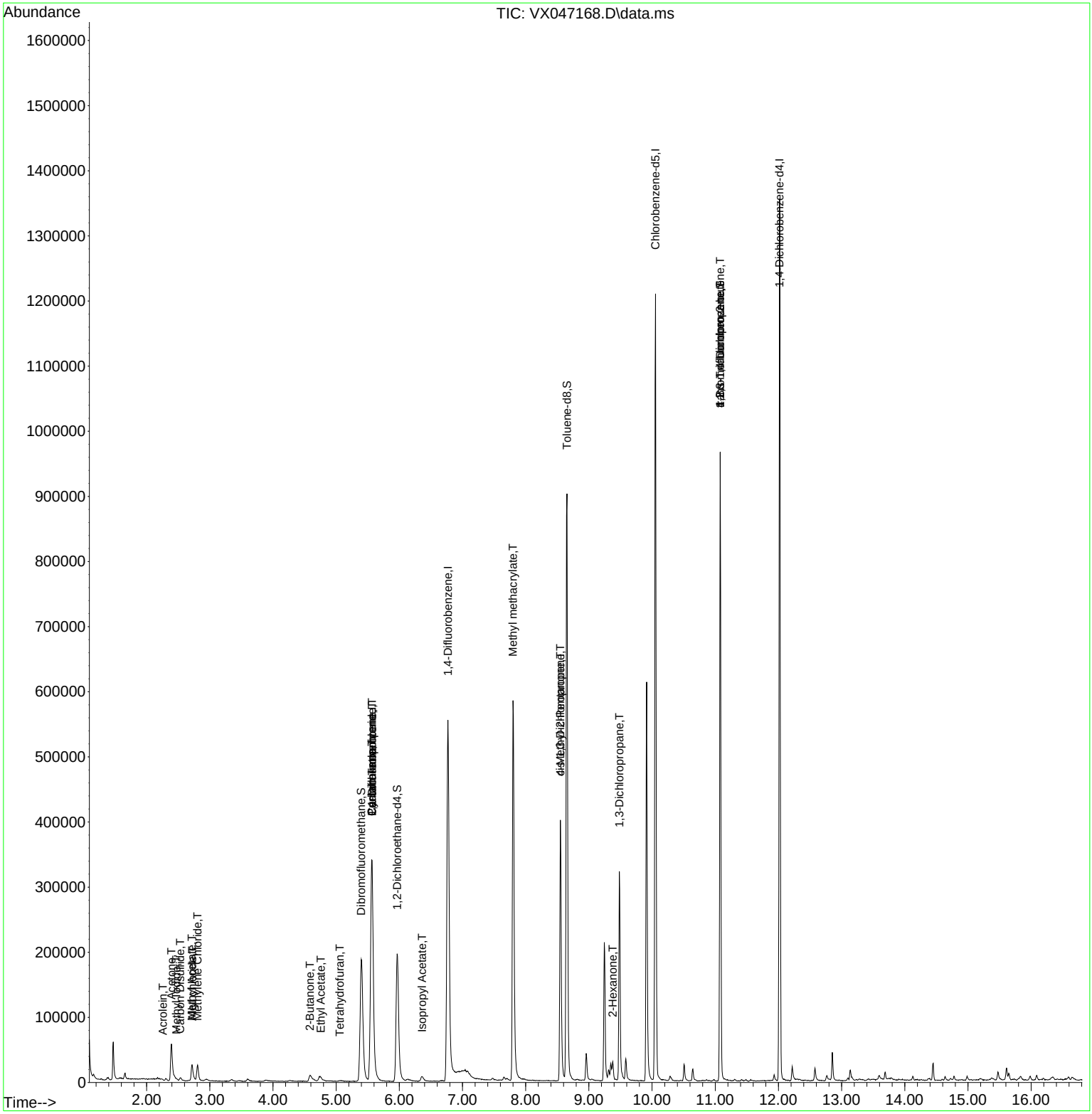
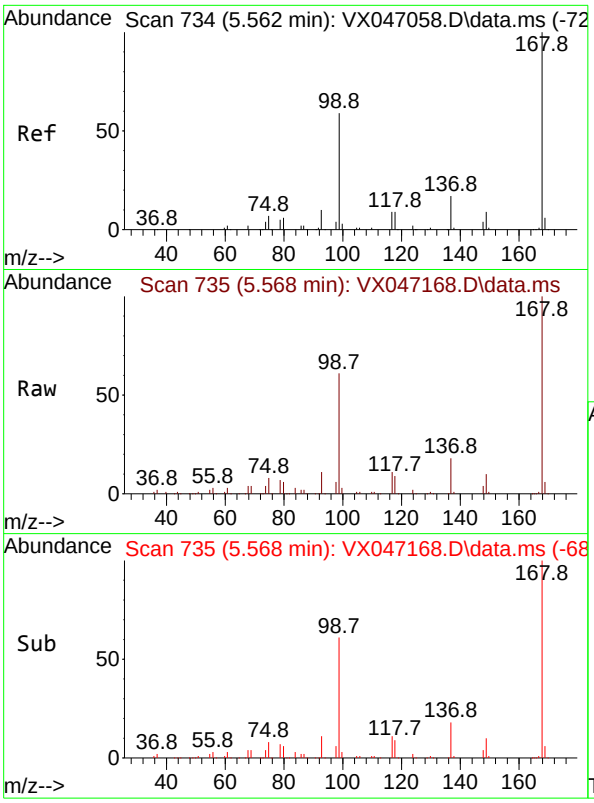
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 29 02:19:32 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



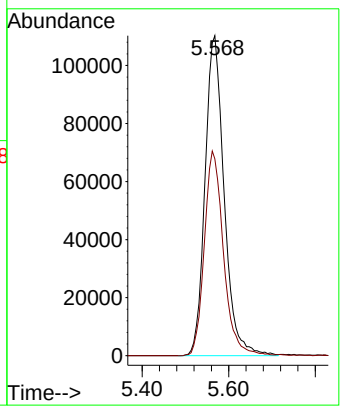


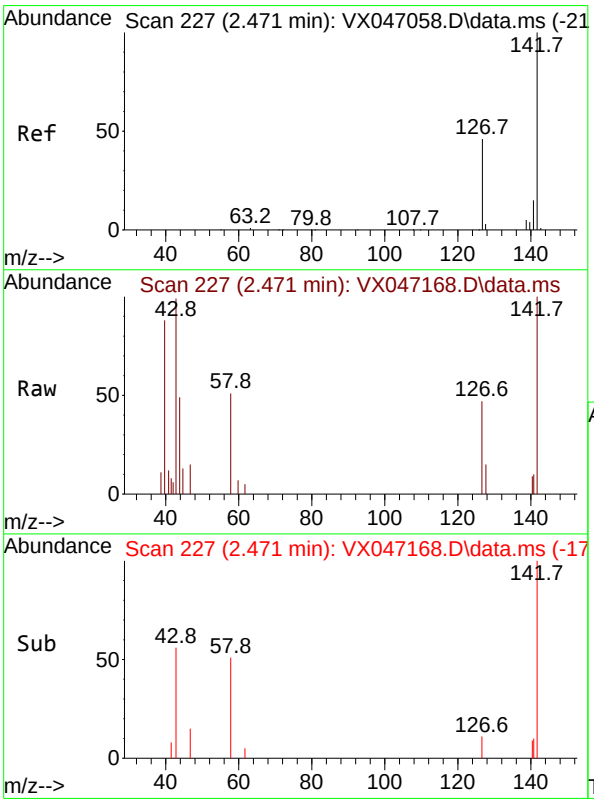
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 338645

Ion	Ratio	Lower	Upper
168	100		
99	61.5	48.0	72.0

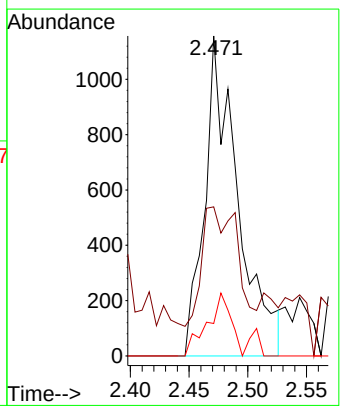


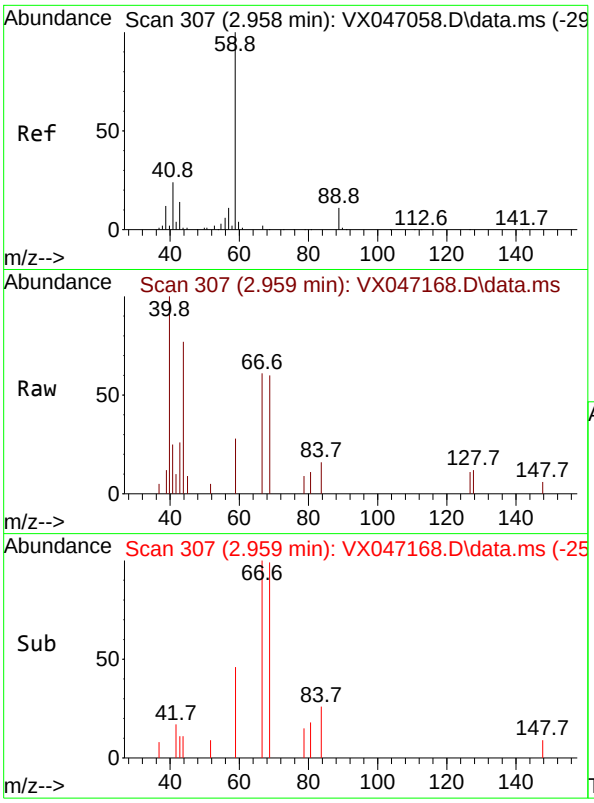


#10
Methyl Iodide
Concen: 0.518 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion:142 Resp: 2268

Ion	Ratio	Lower	Upper
142	100		
127	39.3	36.6	54.8
141	14.0	10.9	16.3



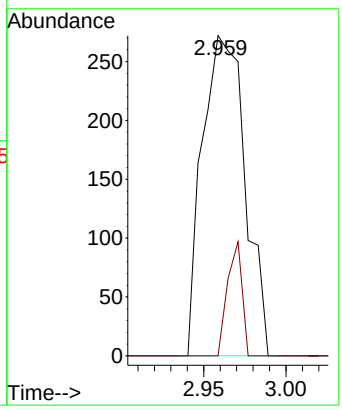


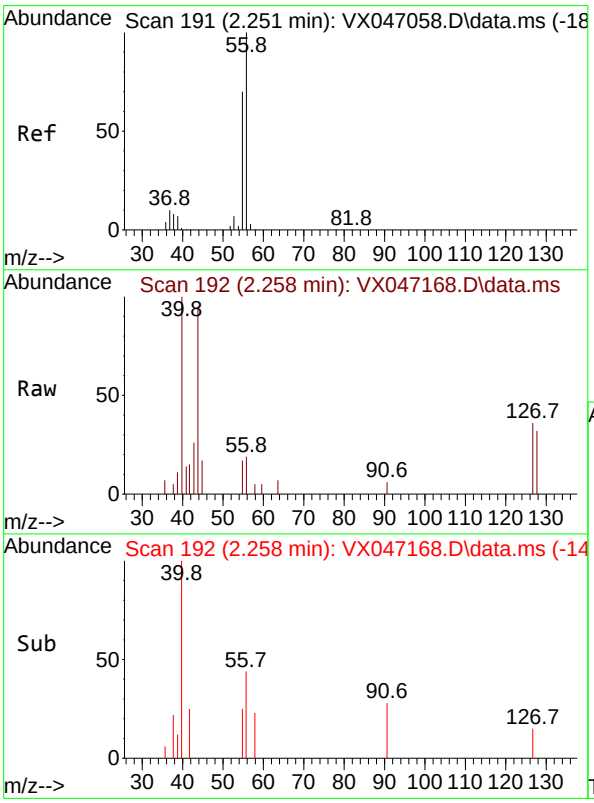
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 3
Delta R.T. 0.001 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 492

Ion	Ratio	Lower	Upper
59	100		
57	12.2	8.5	12.7

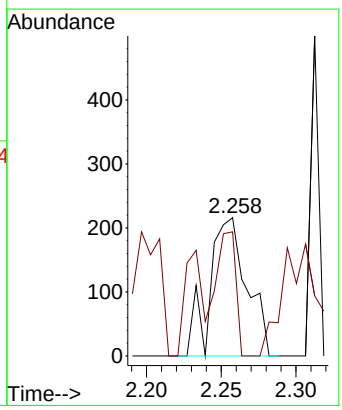


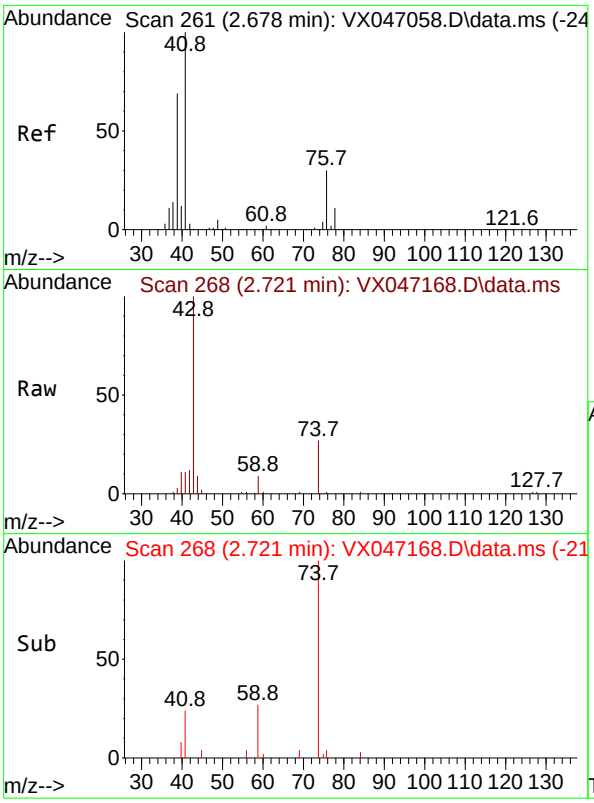


#13
Acrolein
Concen: 0.410 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.006 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 56 Resp: 372

Ion	Ratio	Lower	Upper
56	100		
55	47.8	55.7	83.5#



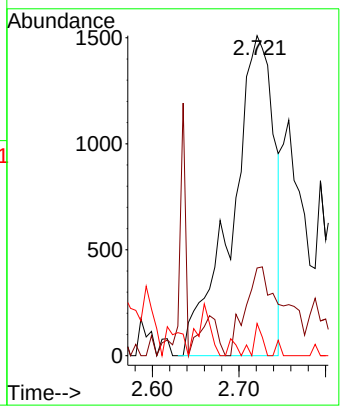


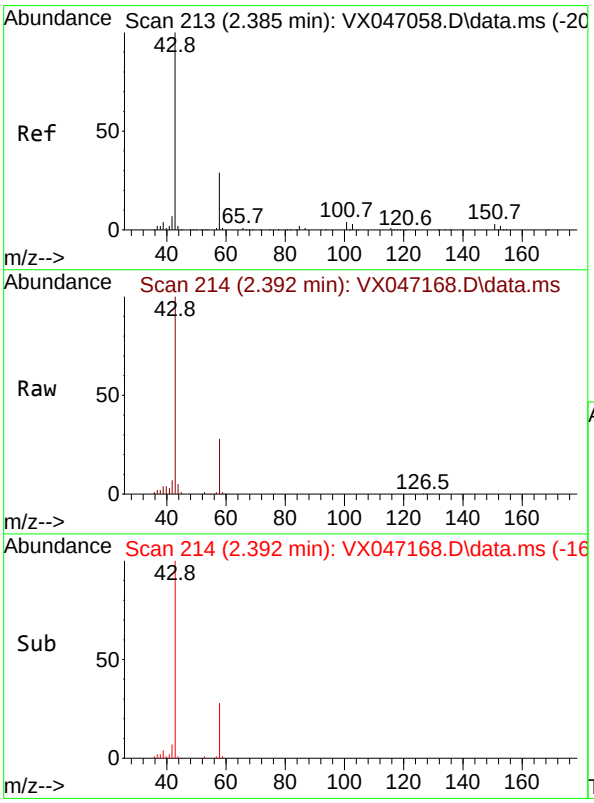
#14
Allyl chloride
Concen: 0.661 ug/l
RT: 2.721 min Scan# 2
Delta R.T. 0.043 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 5085

Ion	Ratio	Lower	Upper
41	100		
39	25.7	52.6	78.8#
76	0.0	25.7	38.5#

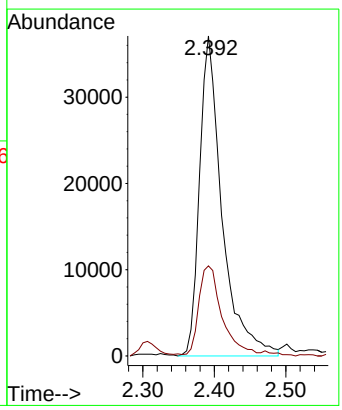


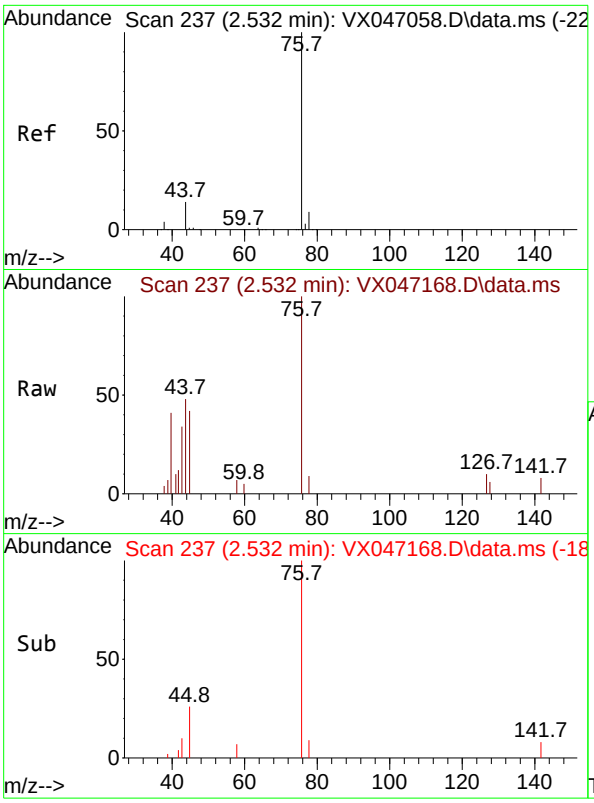


#16
Acetone
Concen: 48.030 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 43 Resp: 81167

Ion	Ratio	Lower	Upper
43	100		
58	28.0	24.0	36.0



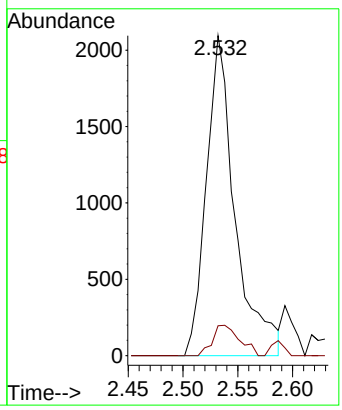


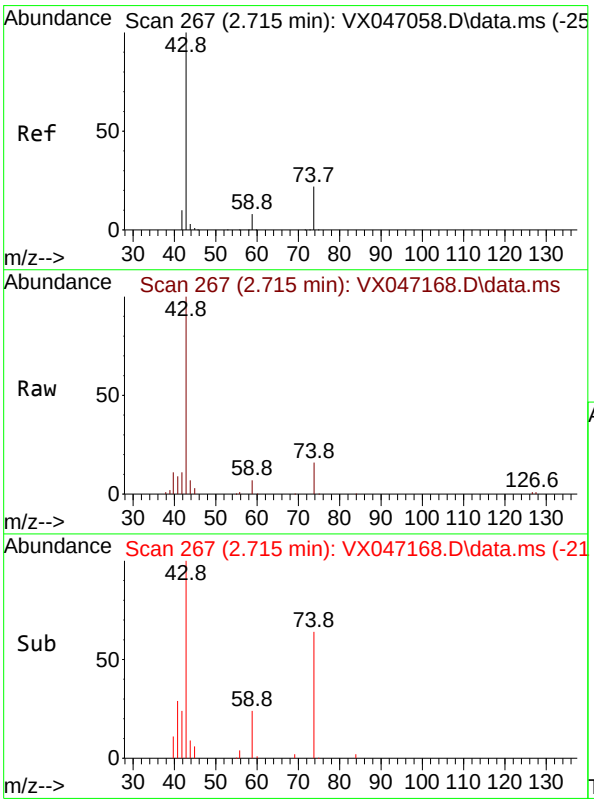
#17
Carbon Disulfide
Concen: 0.310 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 3813

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.4

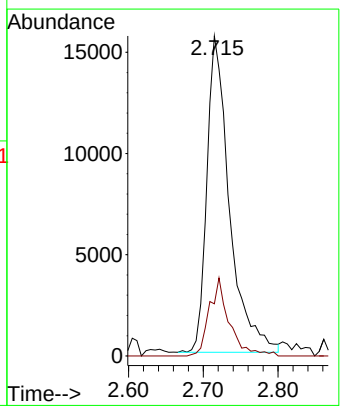


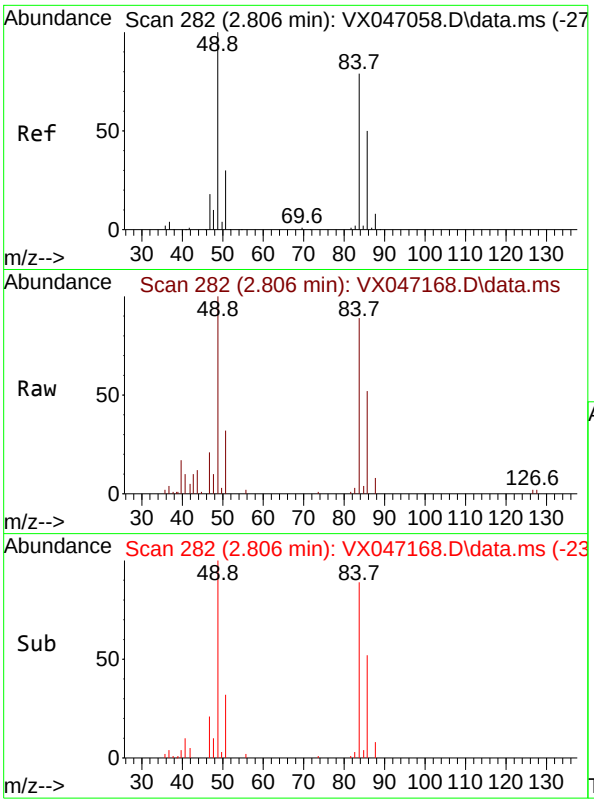


#18
Methyl Acetate
Concen: 7.323 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 43 Resp: 32886

Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.7	26.5



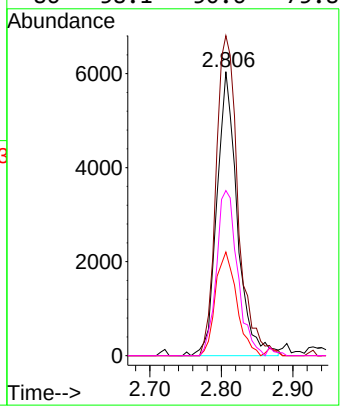


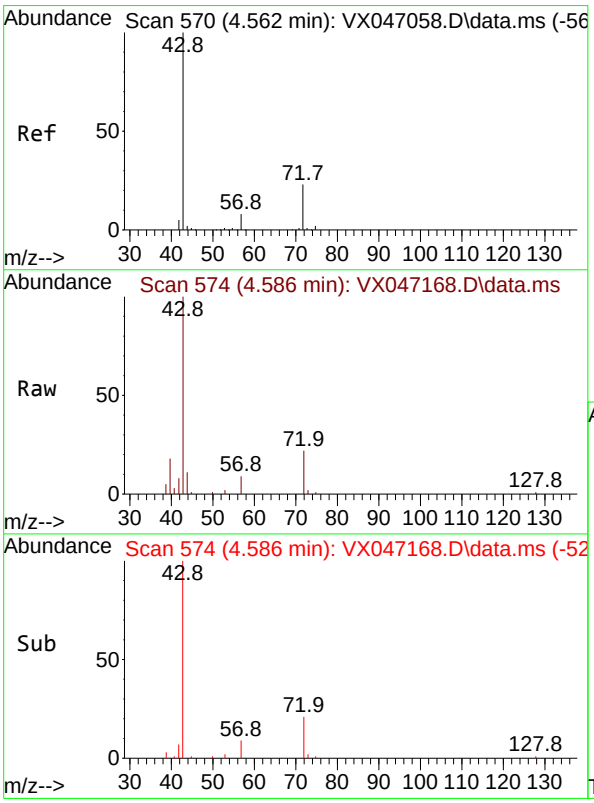
#20
Methylene Chloride
Concen: 2.571 ug/l
RT: 2.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 11955

Ion	Ratio	Lower	Upper
84	100		
49	112.6	101.6	152.4
51	36.5	30.3	45.5
86	58.1	50.6	75.8

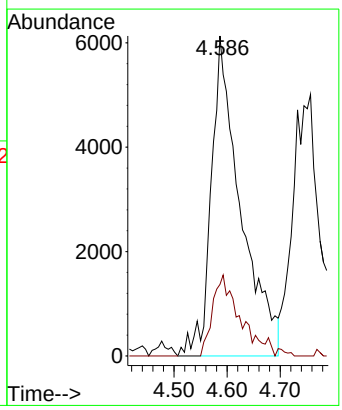


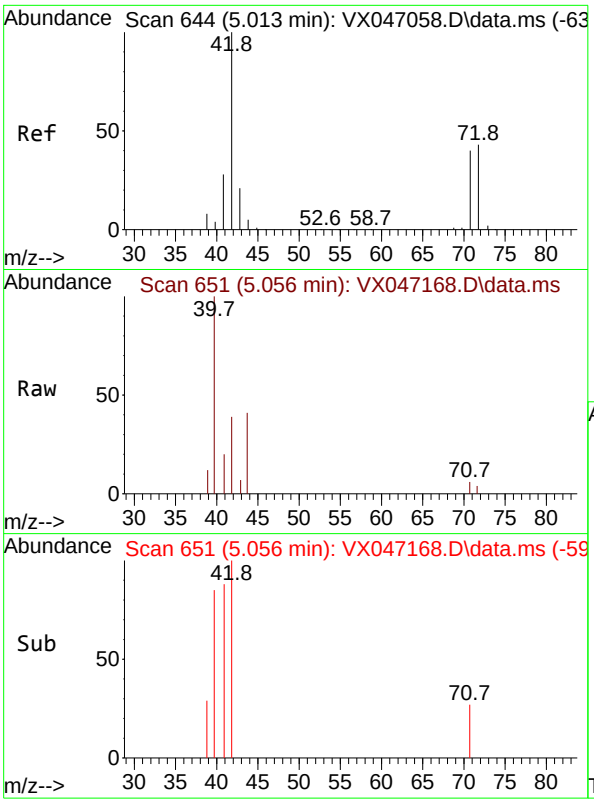


#25
2-Butanone
Concen: 9.590 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 43 Resp: 23597

Ion	Ratio	Lower	Upper
43	100		
72	24.4	18.8	28.2



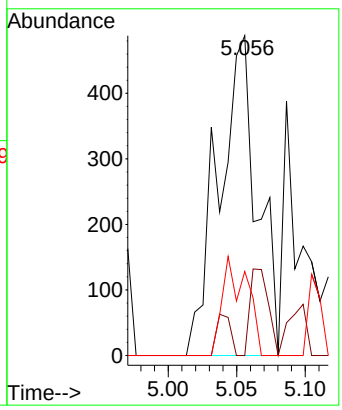


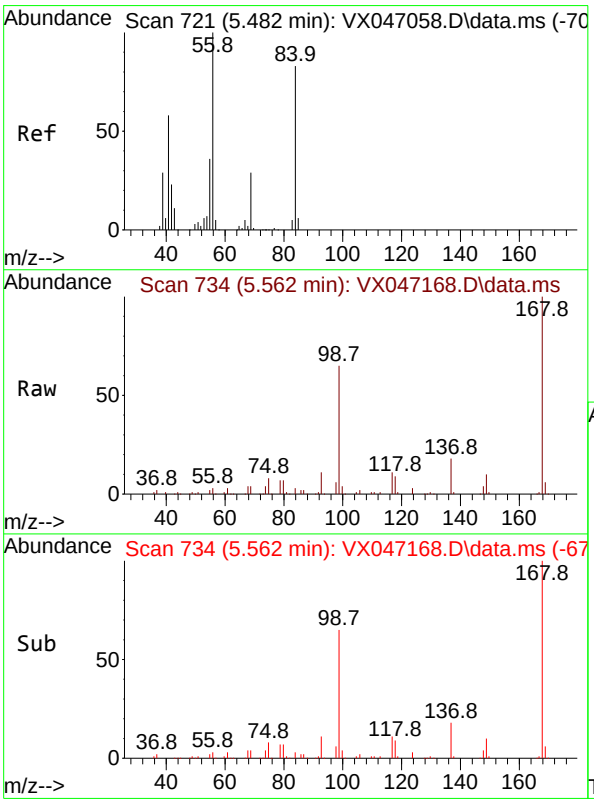
#29
Tetrahydrofuran
Concen: 0.600 ug/l
RT: 5.056 min Scan# 6
Delta R.T. 0.043 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 952

Ion	Ratio	Lower	Upper
42	100		
72	12.7	33.7	50.5#
71	0.0	31.0	46.4#

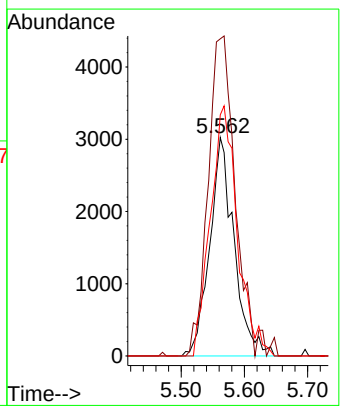


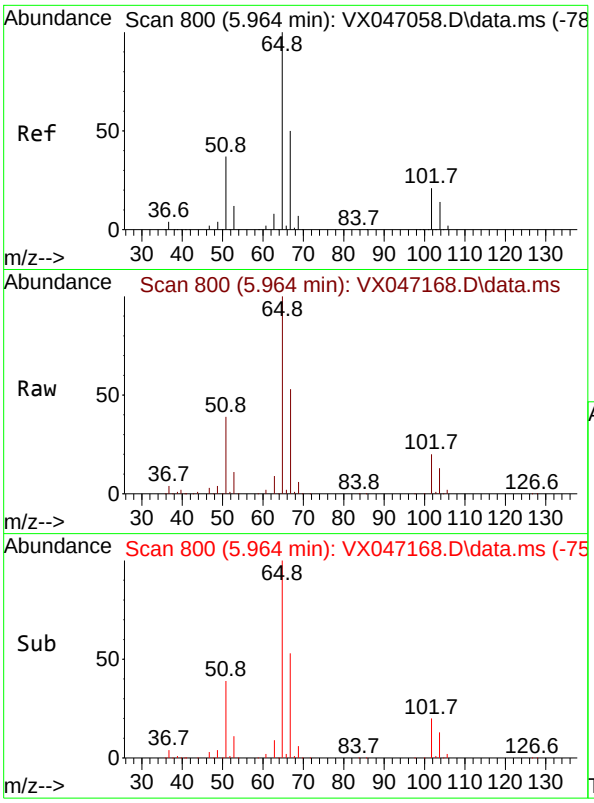


#31
Cyclohexane
Concen: 1.025 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 56 Resp: 8086

Ion	Ratio	Lower	Upper
56	100		
69	136.4	23.3	34.9#
84	103.7	66.5	99.7#



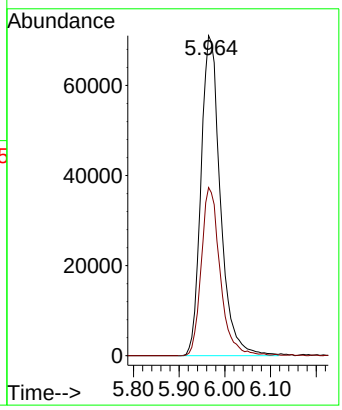


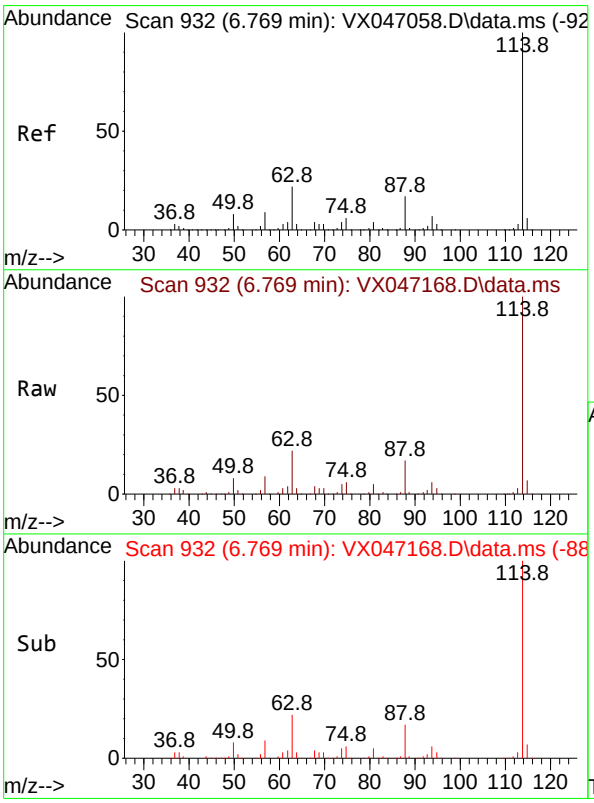
#33
1,2-Dichloroethane-d4
Concen: 49.610 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 209278

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.8

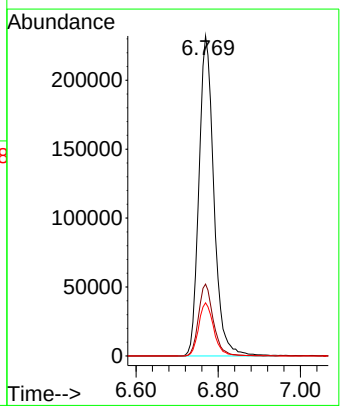


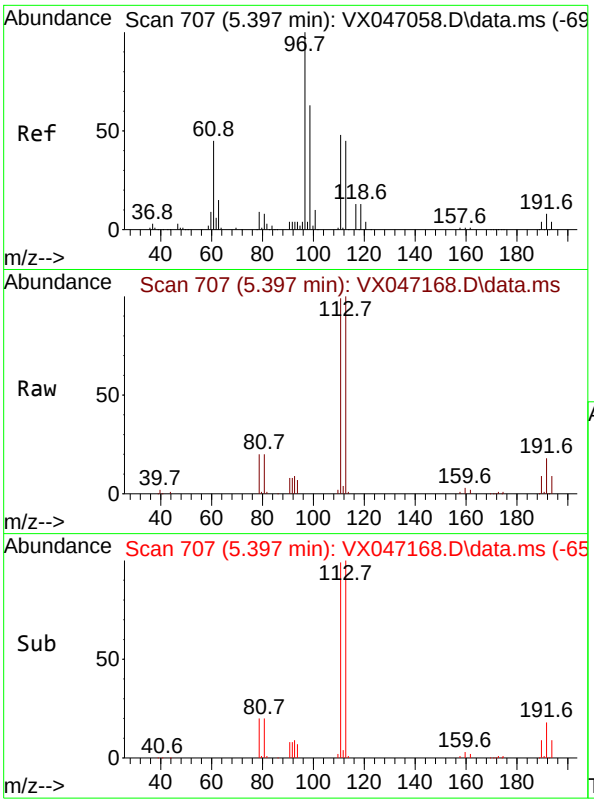


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion:114 Resp: 585218

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.2
88	16.6	0.0	33.8



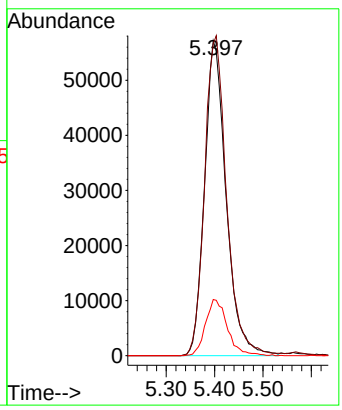


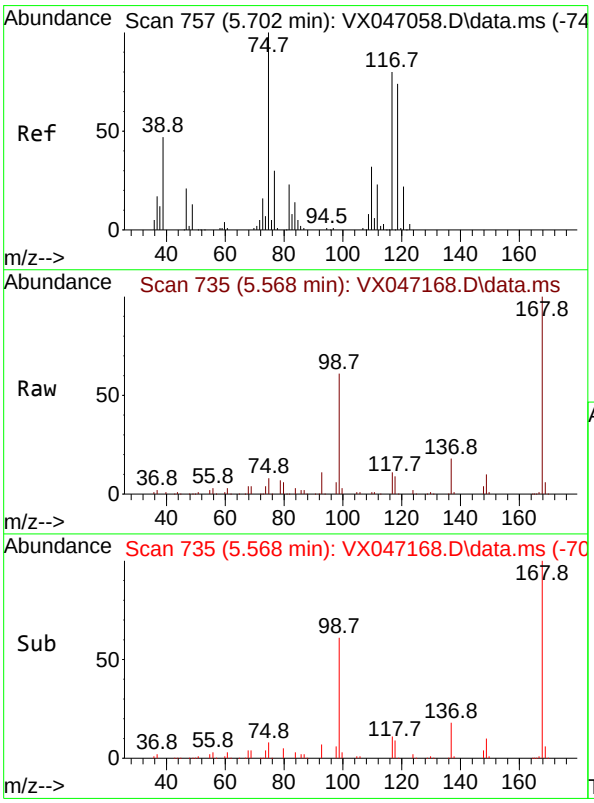
#35
Dibromofluoromethane
Concen: 49.124 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 177500

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	18.1	14.9	22.3

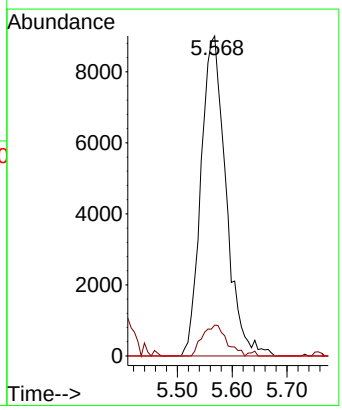


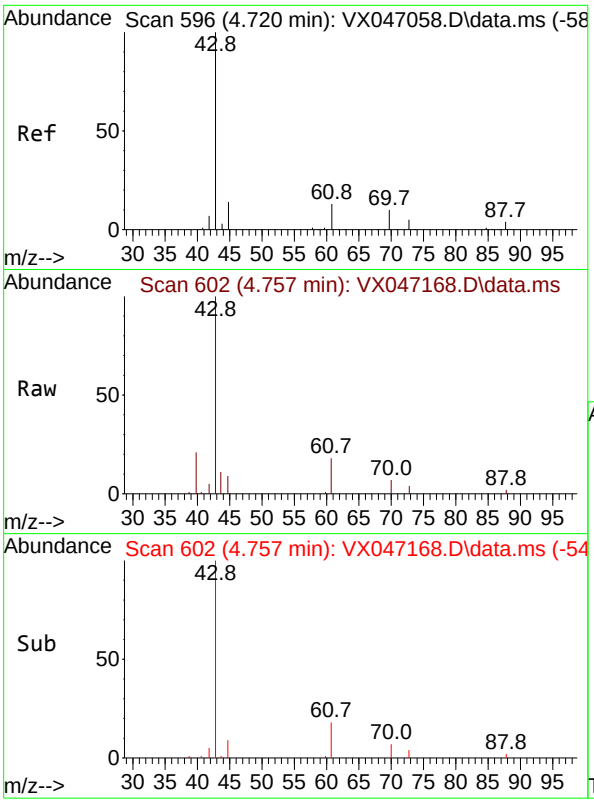


#36
1,1-Dichloropropene
Concen: 4.623 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 75 Resp: 28473

Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.2	51.5#
77	0.0	25.1	37.7#



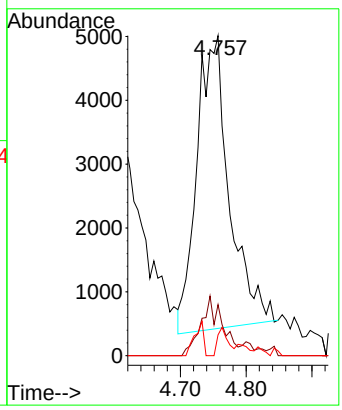


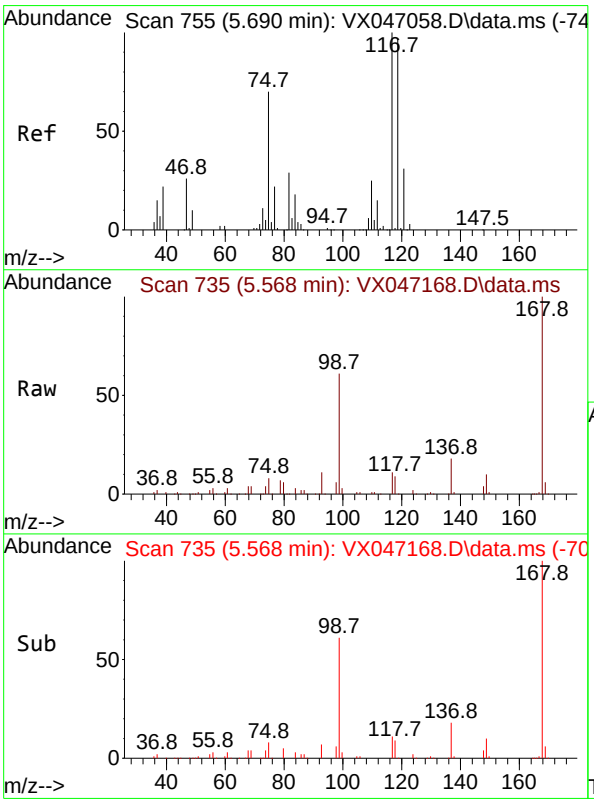
#37
Ethyl Acetate
Concen: 2.775 ug/l
RT: 4.757 min Scan# 6
Delta R.T. 0.037 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 15750

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	3.1	8.1	12.1#

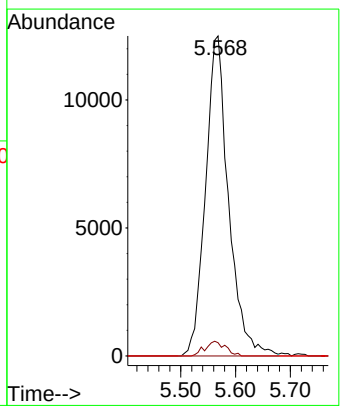


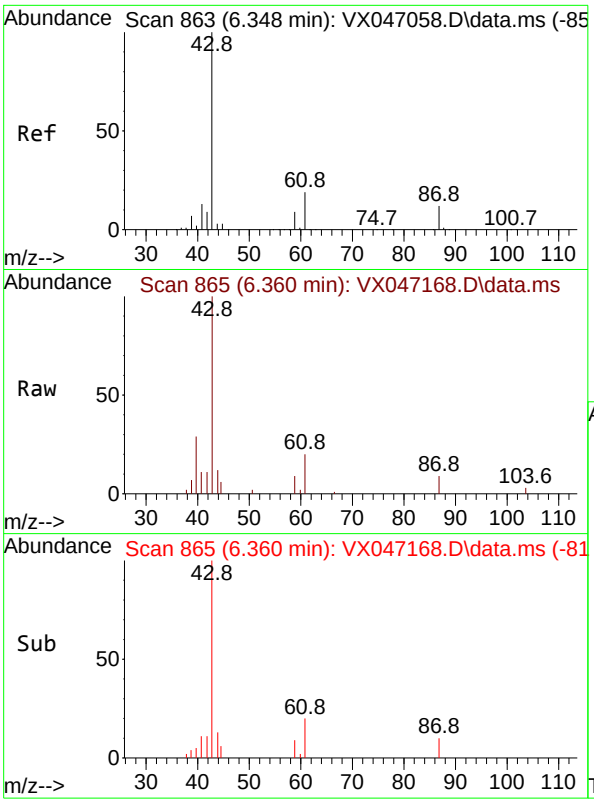


#38
Carbon Tetrachloride
Concen: 5.547 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion:117 Resp: 36468

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.6	115.0#
121	0.0	24.4	36.6#



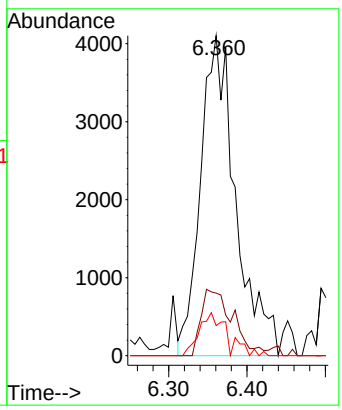


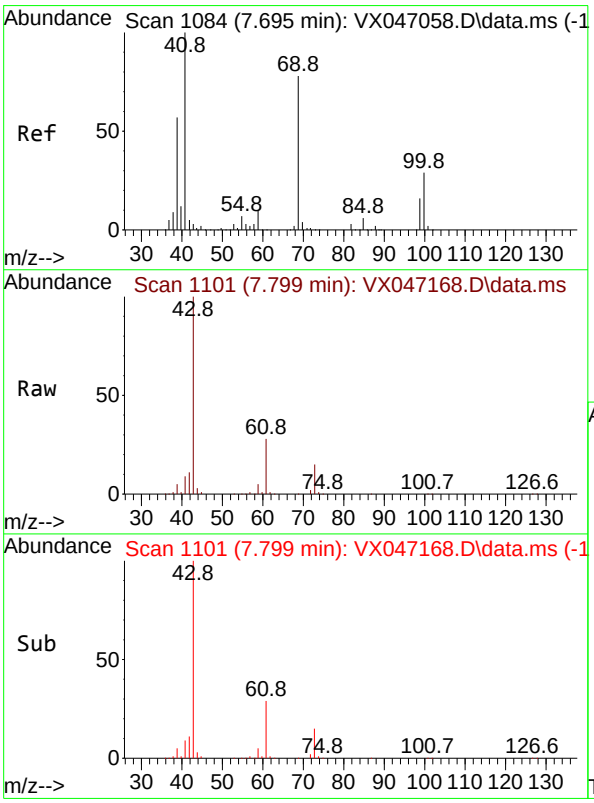
#43
Isopropyl Acetate
Concen: 1.445 ug/l
RT: 6.360 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 12787

Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.1	22.7
87	10.9	9.7	14.5

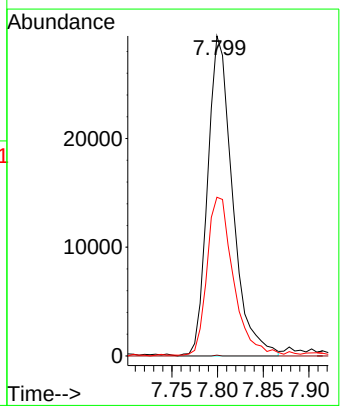


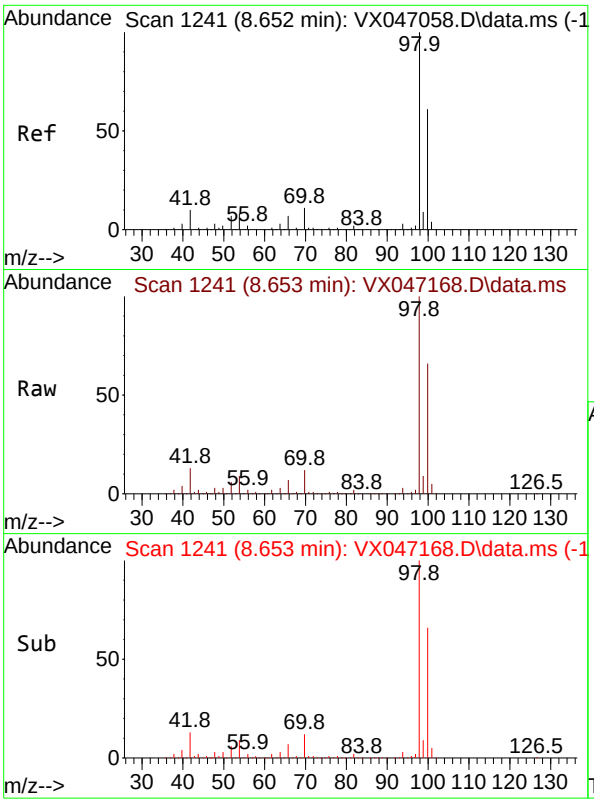


#48
Methyl methacrylate
Concen: 11.564 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 41 Resp: 55737

Ion	Ratio	Lower	Upper
41	100		
69	0.1	62.3	93.5#
39	52.2	44.8	67.2



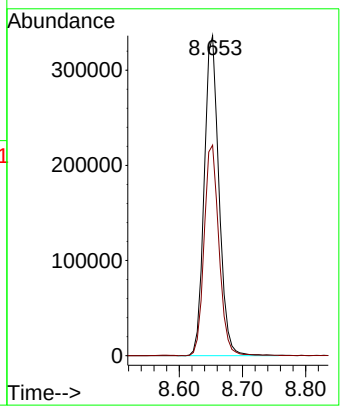


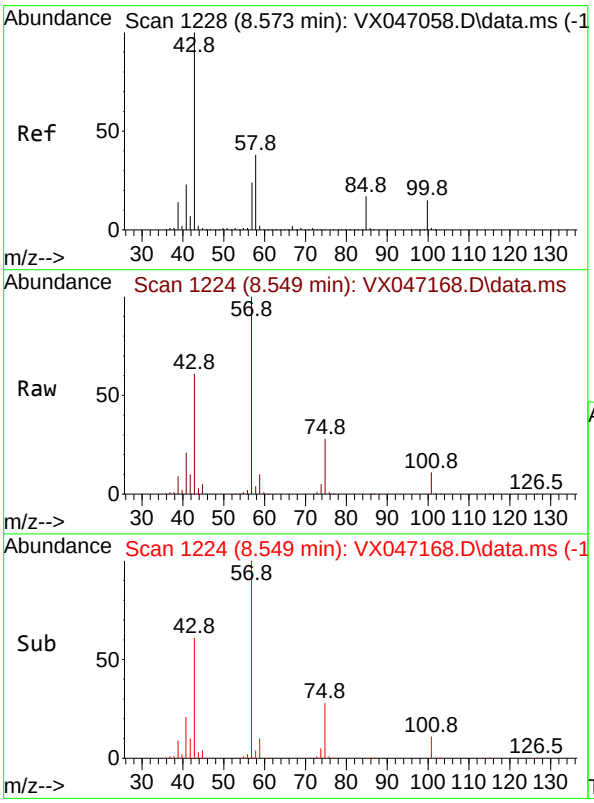
#50
Toluene-d8
Concen: 46.511 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 544253

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9

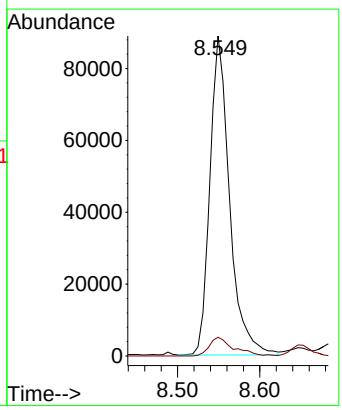


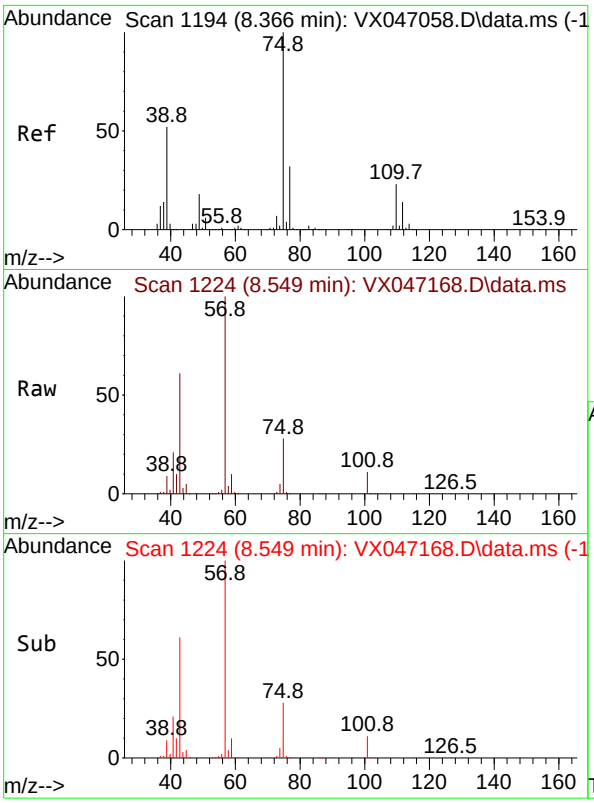


#51
4-Methyl-2-Pentanone
Concen: 28.135 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 43 Resp: 147961

Ion	Ratio	Lower	Upper
43	100		
58	7.3	30.6	45.8#



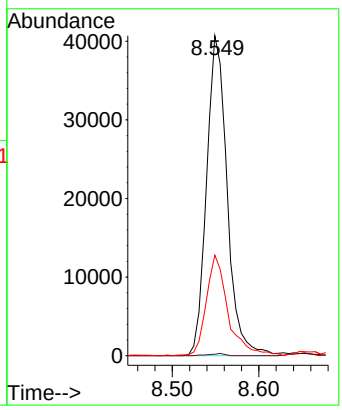


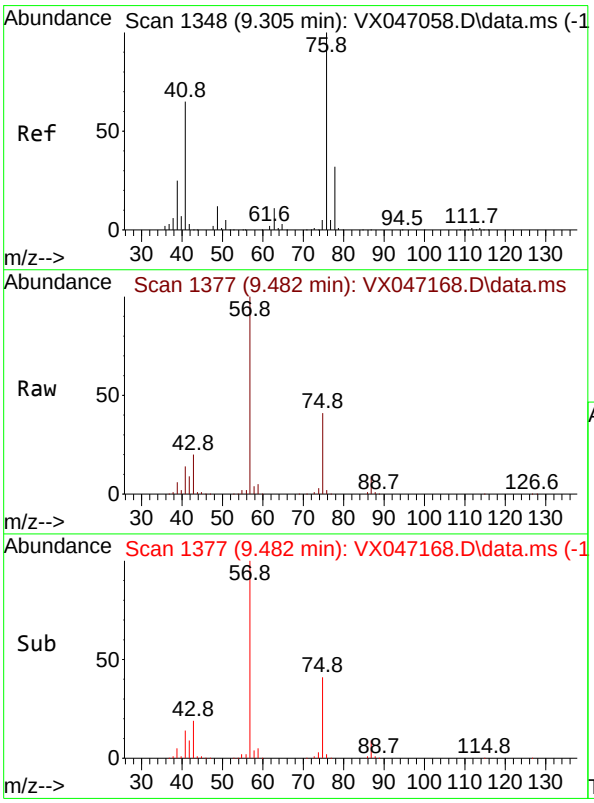
#54
cis-1,3-Dichloropropene
Concen: 9.762 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 67235

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.4	38.0#
39	28.2	41.8	62.6#

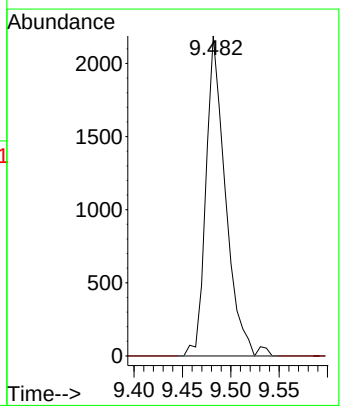


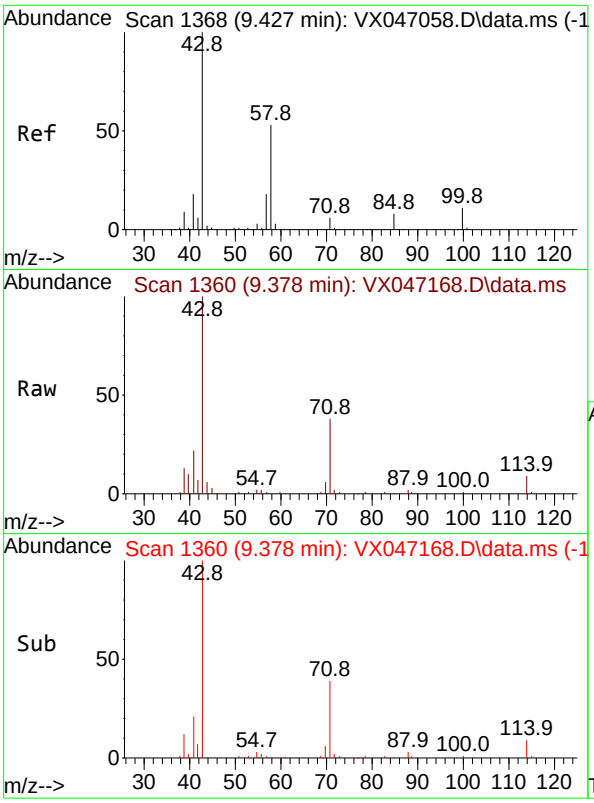


#57
1,3-Dichloropropane
Concen: 0.433 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 76 Resp: 3093

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#



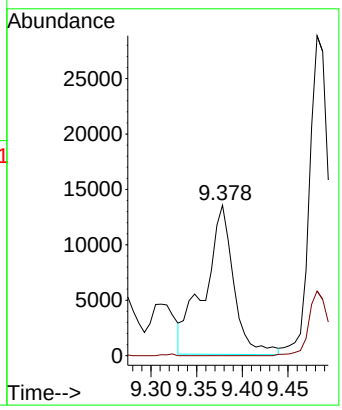


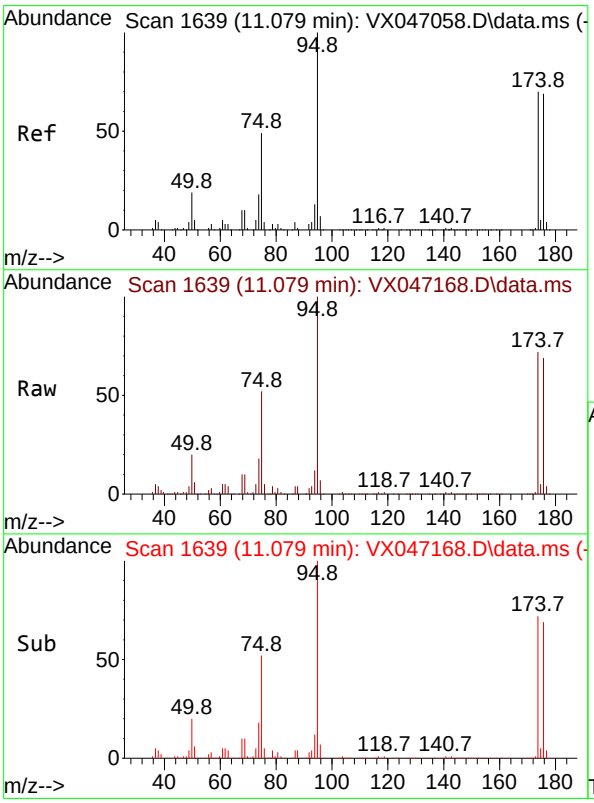
#59
2-Hexanone
Concen: 8.608 ug/l
RT: 9.378 min Scan# 1
Delta R.T. -0.049 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 29909

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.5	79.5#

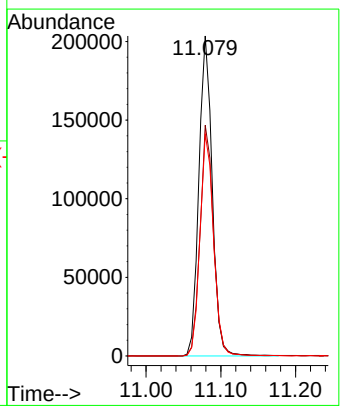


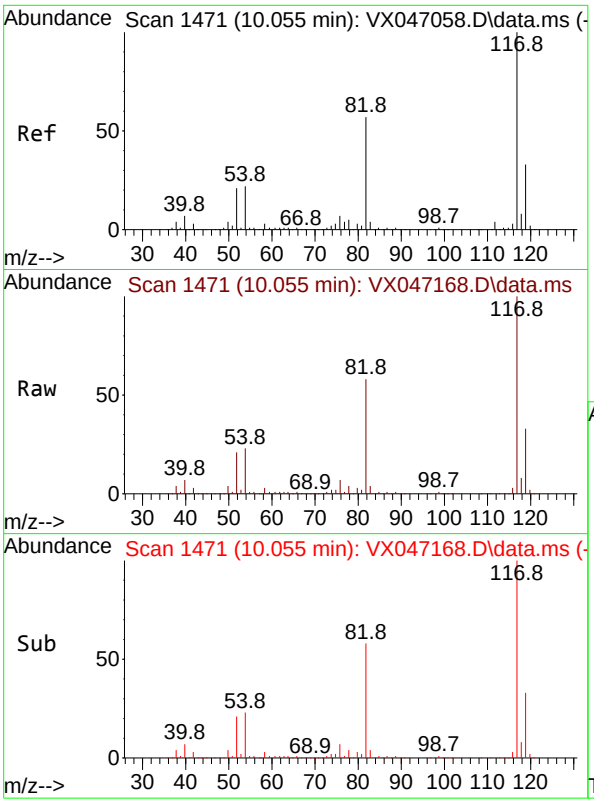


#62
4-Bromofluorobenzene
Concen: 50.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 95 Resp: 252375

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	144.6
176	70.7	0.0	139.6



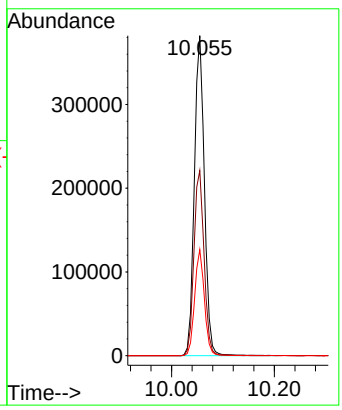


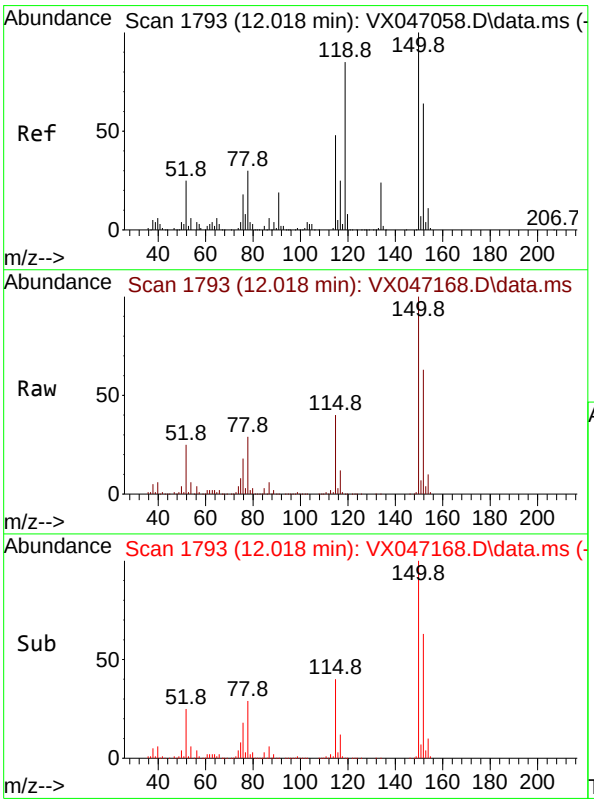
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 520279

Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.4	68.2
119	33.2	26.1	39.1

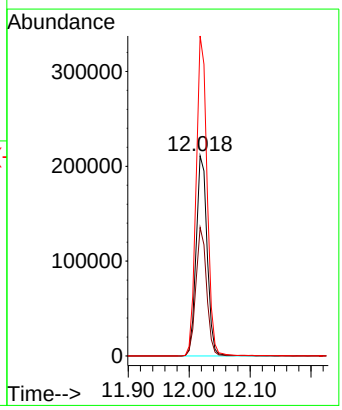


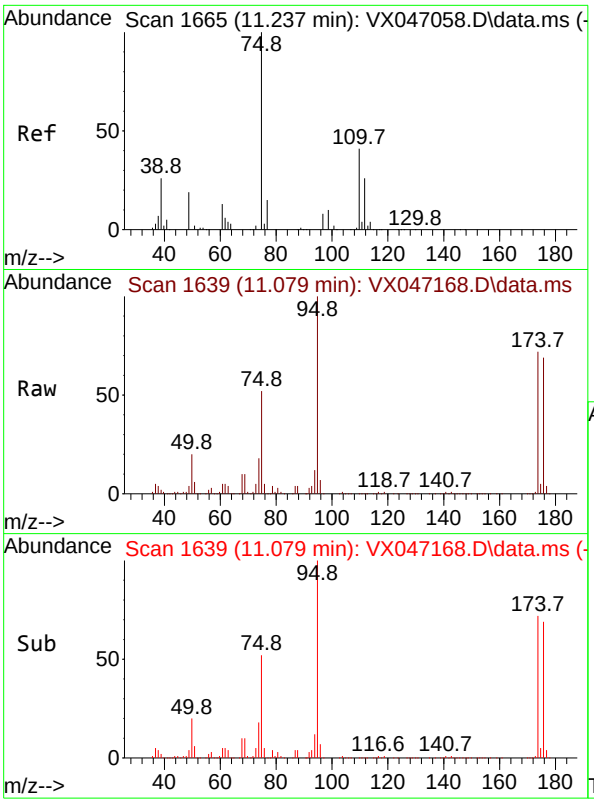


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion:152 Resp: 264253

Ion	Ratio	Lower	Upper
152	100		
115	62.7	45.6	136.7
150	159.4	0.0	354.6



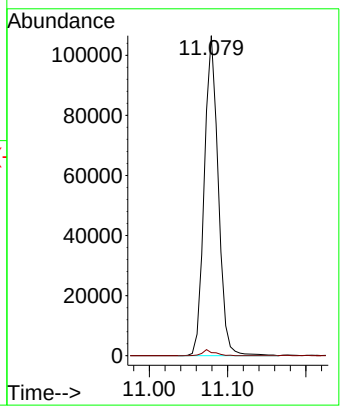


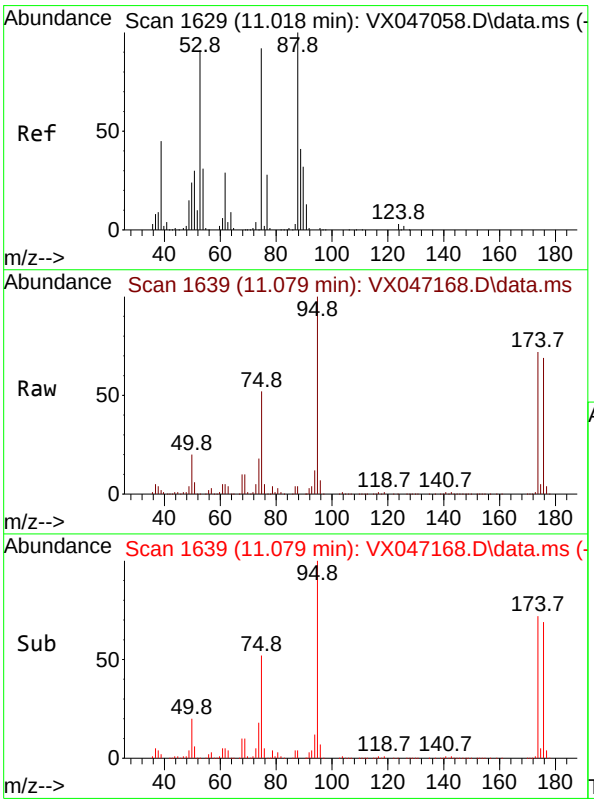
#76
1,2,3-Trichloropropane
Concen: 26.886 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 131507

Ion	Ratio	Lower	Upper
75	100		
77	1.6	21.6	65.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.270 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 75 Resp: 131507

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