Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048216.D
Acq On : 17 Oct 2025 16:34
Operator : JC/MD
Sample : Q3354-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Quant Time: Oct 18 00:20:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	107926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	216051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	233562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85392	51.072	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.140%			
35) Dibromofluoromethane	5.373	113	75278	50.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.400%			
50) Toluene-d8	8.635	98	255990	47.389	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.780%			
62) 4-Bromofluorobenzene	11.061	95	112017	56.934	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.860%			
Target Compounds						Qvalue
10) Methyl Iodide	2.459	142	333	0.217	ug/l #	85
11) Tert butyl alcohol	2.947	59	1133	10.213	ug/l #	72
13) Acrolein	2.380	56	57	0.244	ug/l #	15
14) Allyl chloride	2.636	41	599	0.266	ug/l #	26
16) Acetone	2.380	43	13055	22.889	ug/l	94
18) Methyl Acetate	2.703	43	4524	3.894	ug/l	99
20) Methylene Chloride	2.788	84	5236	3.768	ug/l	98
25) 2-Butanone	4.574	43	5182	7.798	ug/l #	90
29) Tetrahydrofuran	5.013	42	285	0.730	ug/l #	46
31) Cyclohexane	5.538	56	2217	1.084	ug/l #	5
36) 1,1-Dichloropropene	5.538	75	8524	4.035	ug/l #	50
37) Ethyl Acetate	4.715	43	2237	1.325	ug/l #	76
38) Carbon Tetrachloride	5.544	117	11344	4.679	ug/l #	16
43) Isopropyl Acetate	6.330	43	6021	2.125	ug/l #	93
48) Methyl methacrylate	7.781	41	32573	22.455	ug/l #	44
51) 4-Methyl-2-Pentanone	8.531	43	40844	25.902	ug/l #	52
54) cis-1,3-Dichloropropene	8.531	75	19251	7.637	ug/l #	59
57) 1,3-Dichloropropane	9.470	76	1478	0.601	ug/l #	43
59) 2-Hexanone	9.470	43	18704	16.958	ug/l #	57
76) 1,2,3-Trichloropropane	11.061	75	58569	31.580	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	58569	77.327	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	13.164	75	233	0.533	ug/l #	1

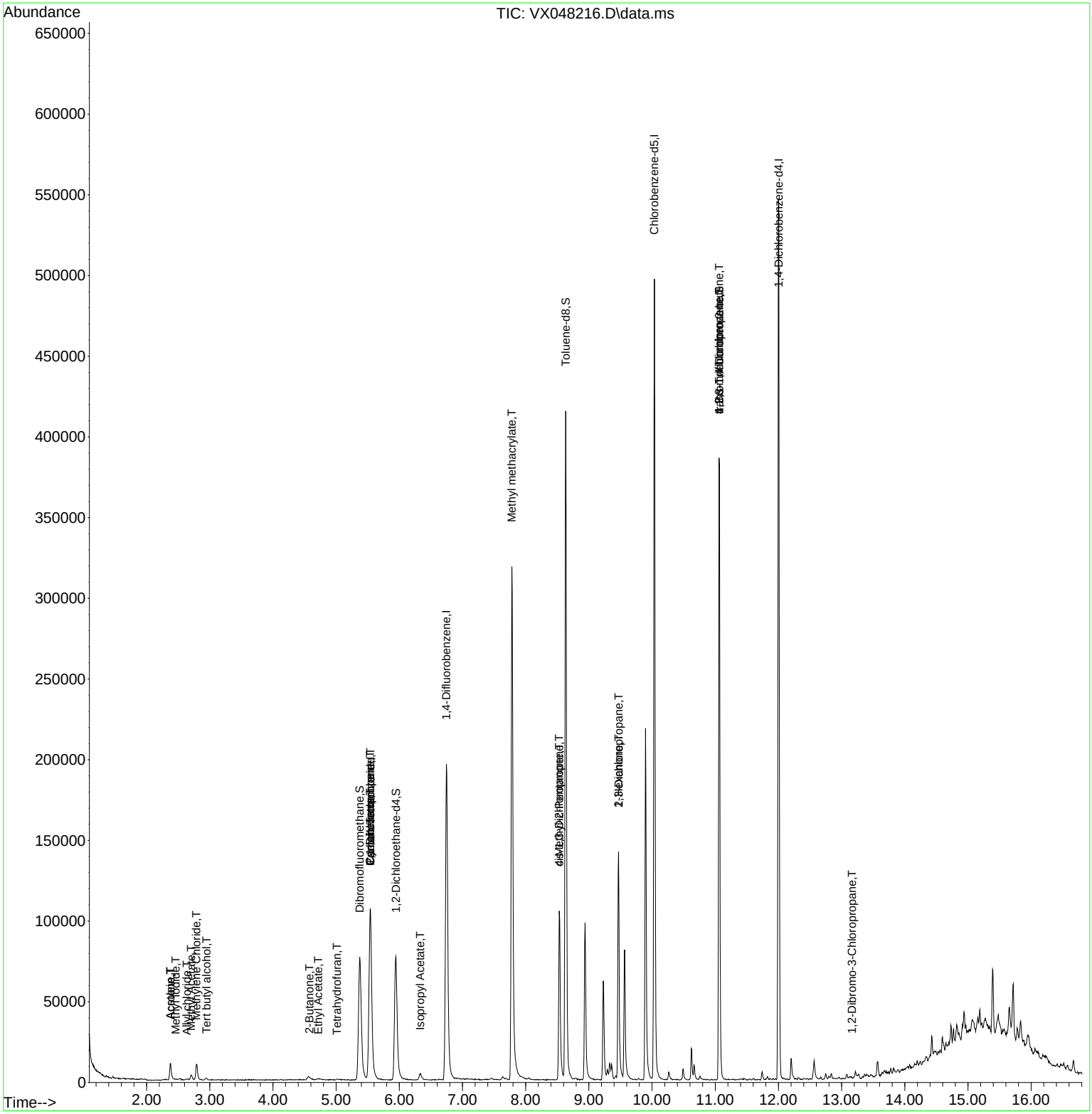
(#) = qualifier out of range (m) = manual integration (+) = signals summed

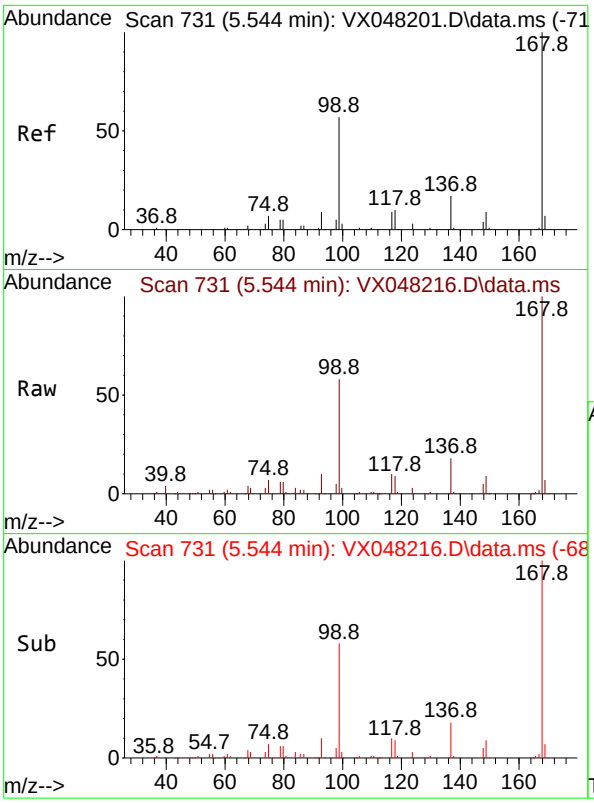
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048216.D
Acq On : 17 Oct 2025 16:34
Operator : JC/MD
Sample : Q3354-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Quant Time: Oct 18 00:20:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration



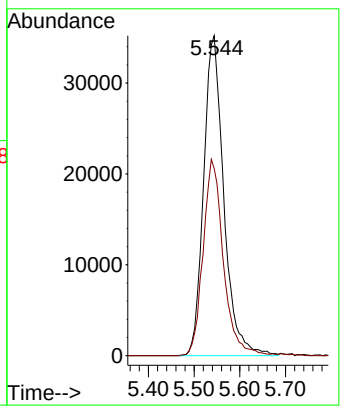


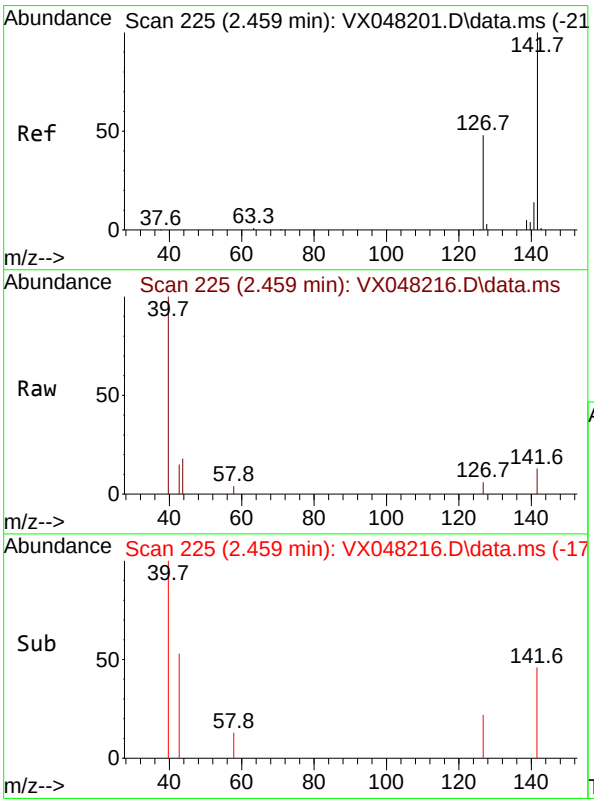
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion:168 Resp: 107926

Ion	Ratio	Lower	Upper
168	100		
99	58.5	46.4	69.6

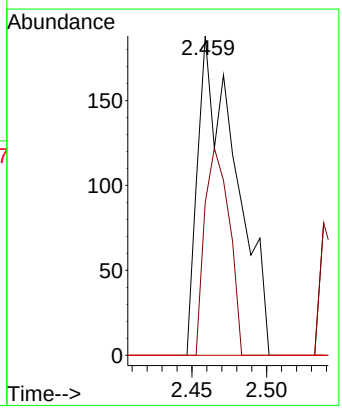


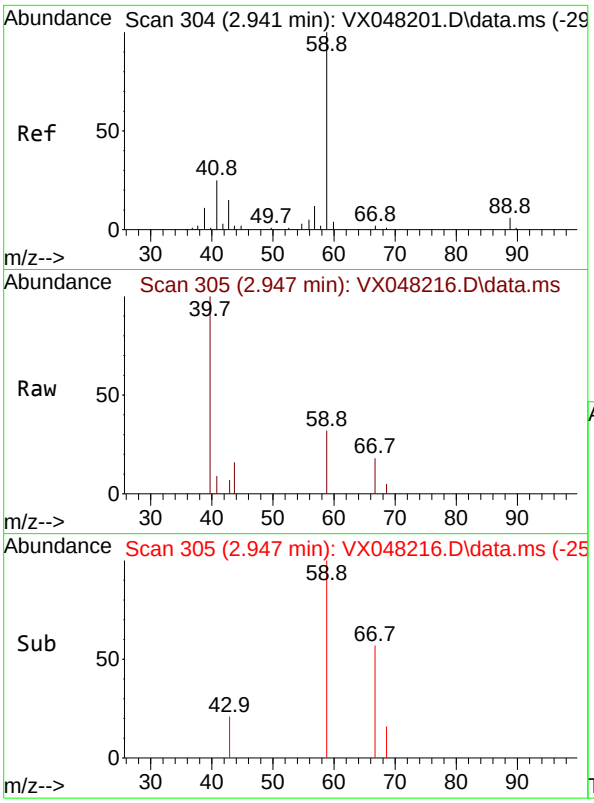


#10
Methyl Iodide
Concen: 0.217 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion:142 Resp: 333

Ion	Ratio	Lower	Upper
142	100		
127	42.0	38.5	57.7
141	0.0	11.6	17.4#



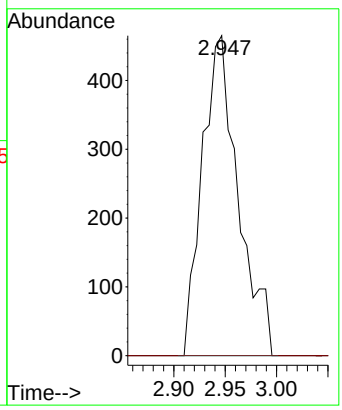


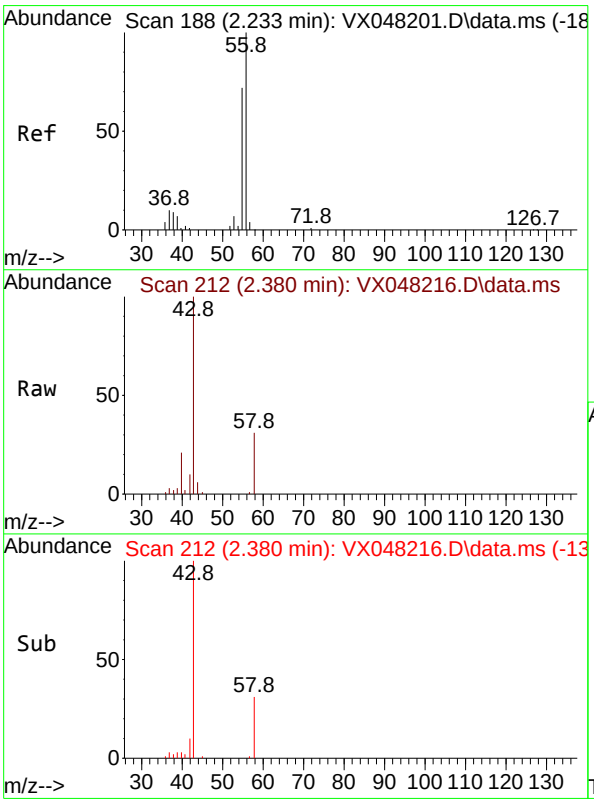
#11
Tert butyl alcohol
Concen: 10.213 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion: 59 Resp: 1133

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

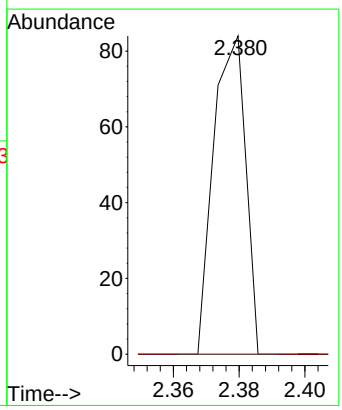


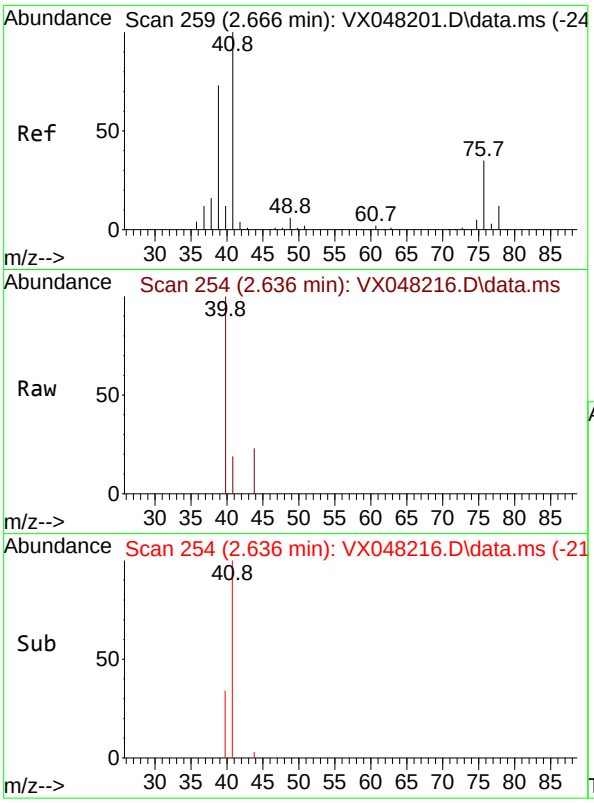


#13
Acrolein
Concen: 0.244 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.146 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 56 Resp: 57

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.1	84.1#



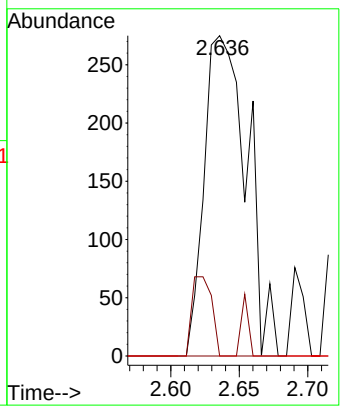


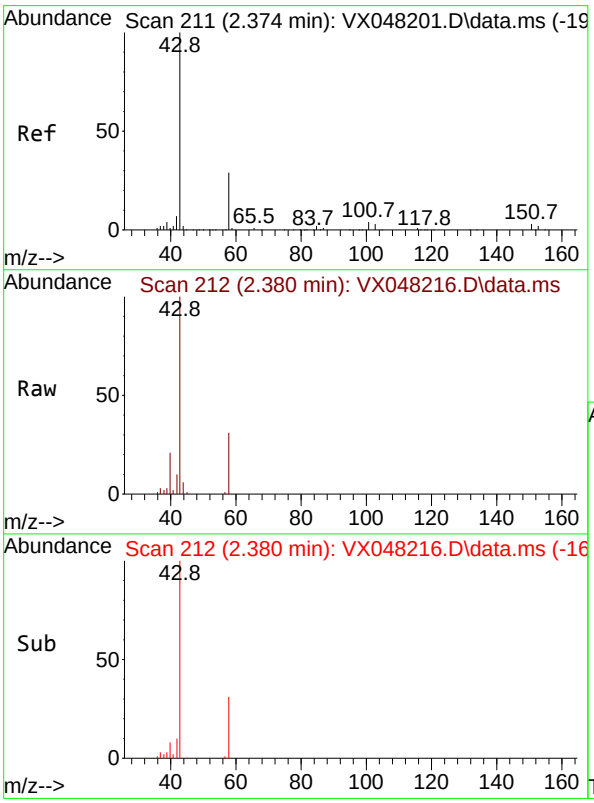
#14
Allyl chloride
Concen: 0.266 ug/l
RT: 2.636 min Scan# 2
Delta R.T. -0.030 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion: 41 Resp: 599

Ion	Ratio	Lower	Upper
41	100		
39	3.2	56.0	84.0#
76	0.0	27.5	41.3#

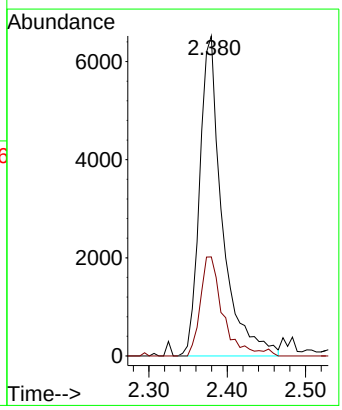


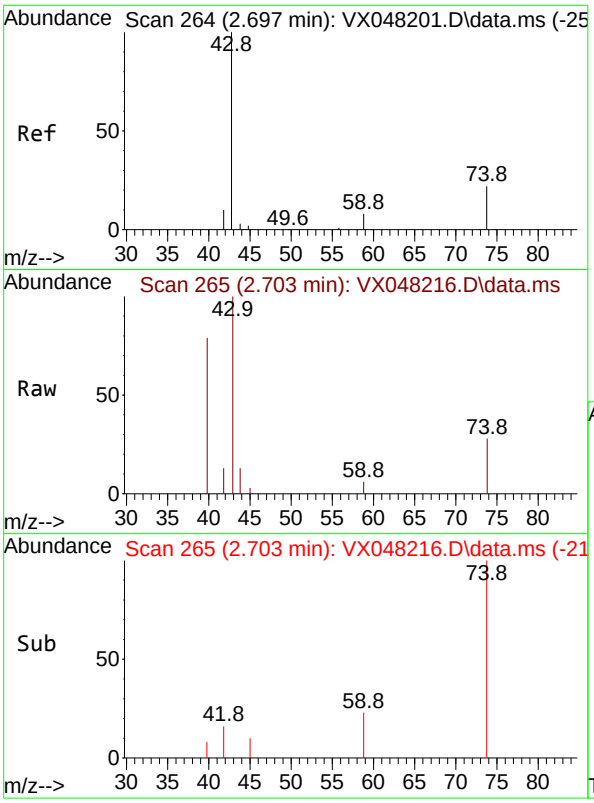


#16
Acetone
Concen: 22.889 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 43 Resp: 13055

Ion	Ratio	Lower	Upper
43	100		
58	32.3	23.4	35.2



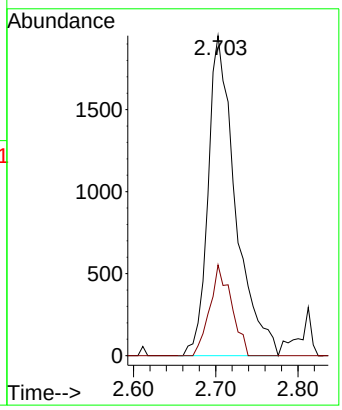


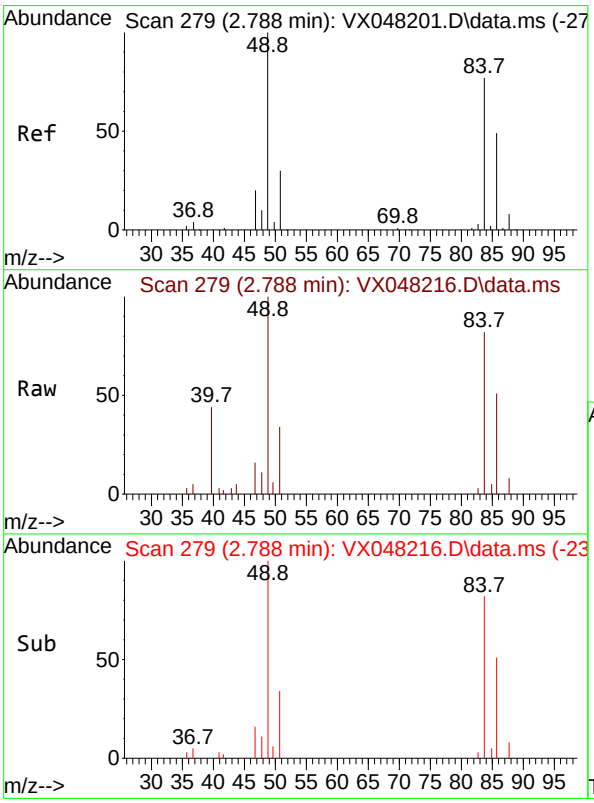
#18
Methyl Acetate
Concen: 3.894 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion: 43 Resp: 4524

Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.5	26.3

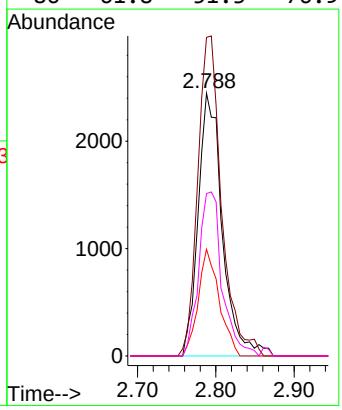


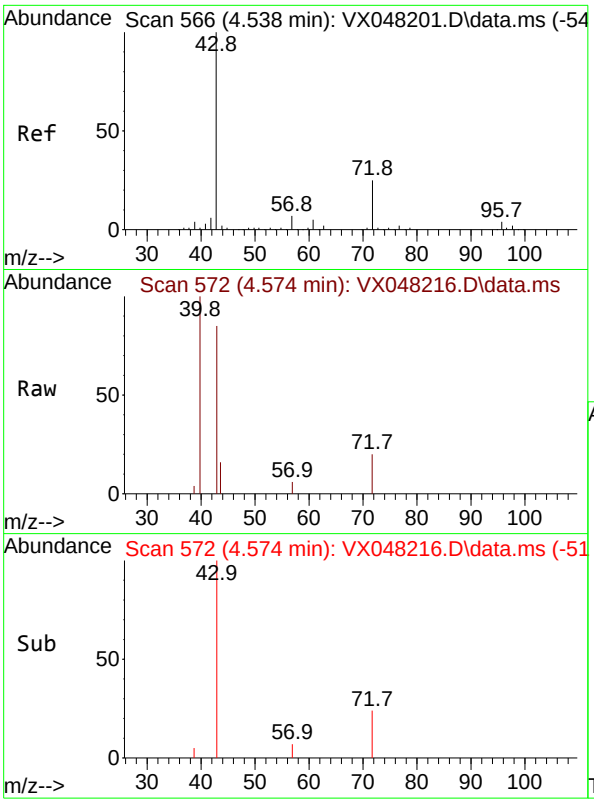


#20
Methylene Chloride
Concen: 3.768 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 84 Resp: 5236

Ion	Ratio	Lower	Upper
84	100		
49	128.3	104.1	156.1
51	40.6	31.3	46.9
86	61.8	51.3	76.9



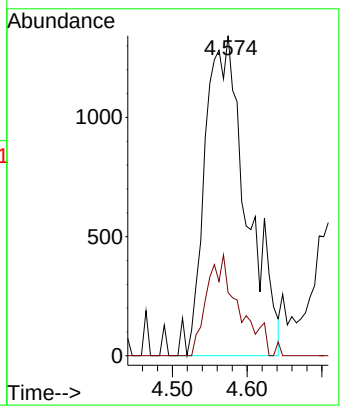


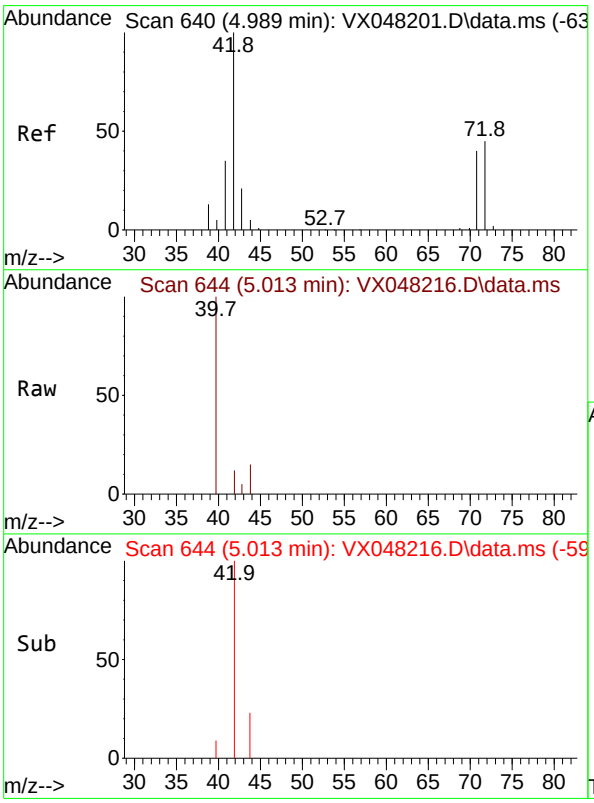
#25
2-Butanone
Concen: 7.798 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.037 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion: 43 Resp: 5182

Ion	Ratio	Lower	Upper
43	100		
72	19.7	19.9	29.9#

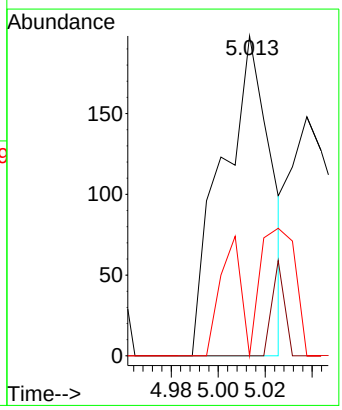


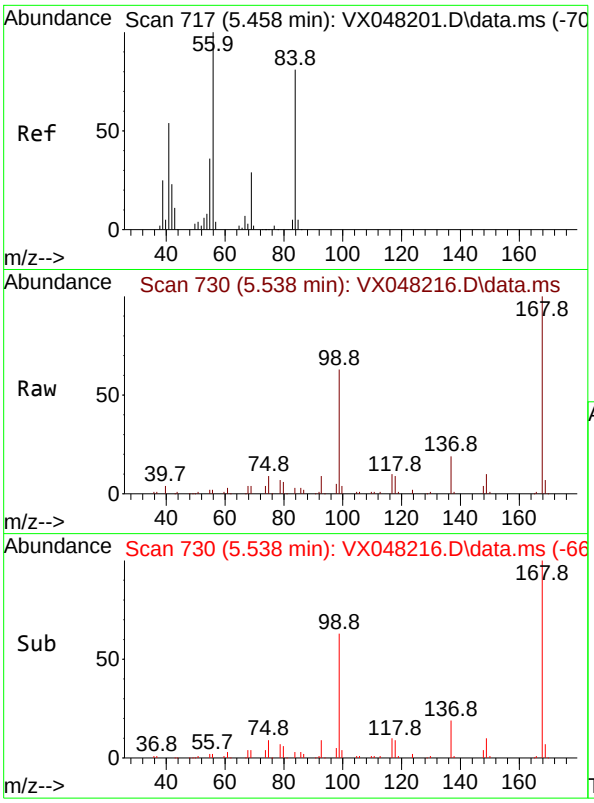


#29
Tetrahydrofuran
Concen: 0.730 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.024 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 42 Resp: 285

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.3	52.9#
71	15.8	32.2	48.4#



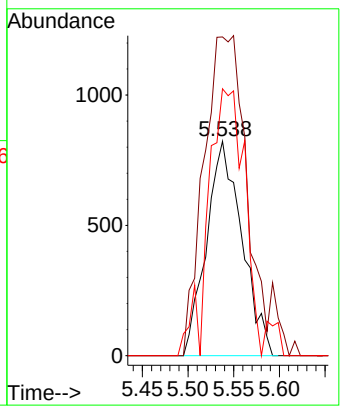


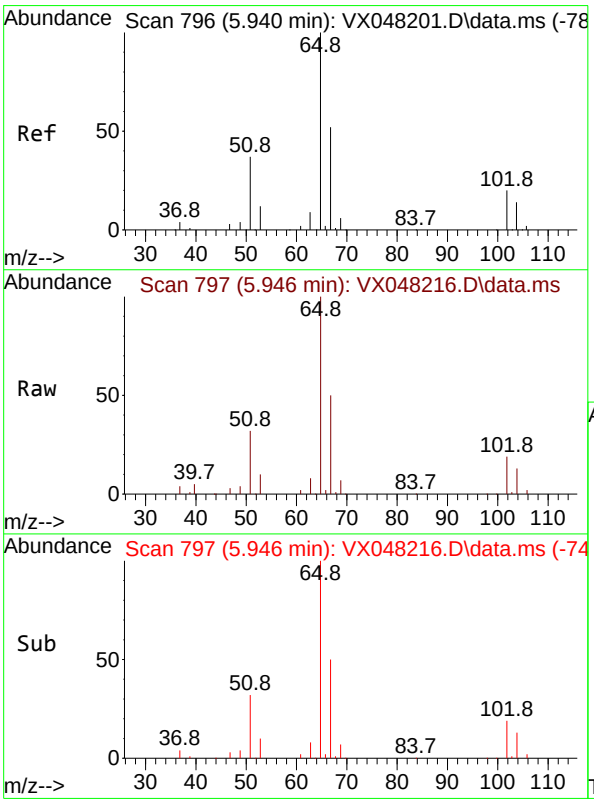
#31
Cyclohexane
Concen: 1.084 ug/l
RT: 5.538 min Scan# 7
Delta R.T. 0.079 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion: 56 Resp: 2217

Ion	Ratio	Lower	Upper
56	100		
69	148.6	23.0	34.6#
84	124.4	64.6	97.0#

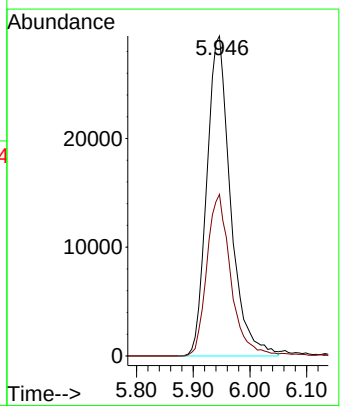


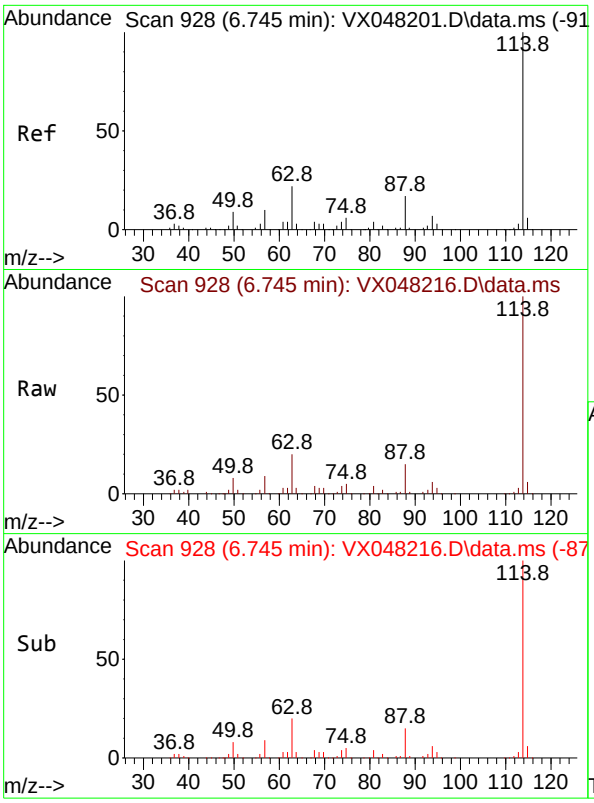


#33
1,2-Dichloroethane-d4
Concen: 51.072 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 65 Resp: 85392

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	105.0



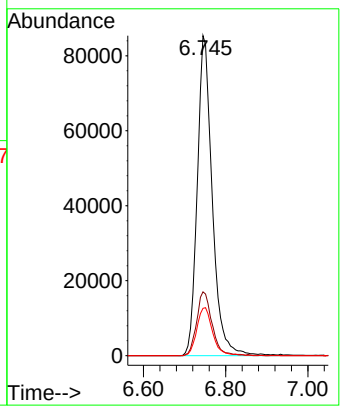


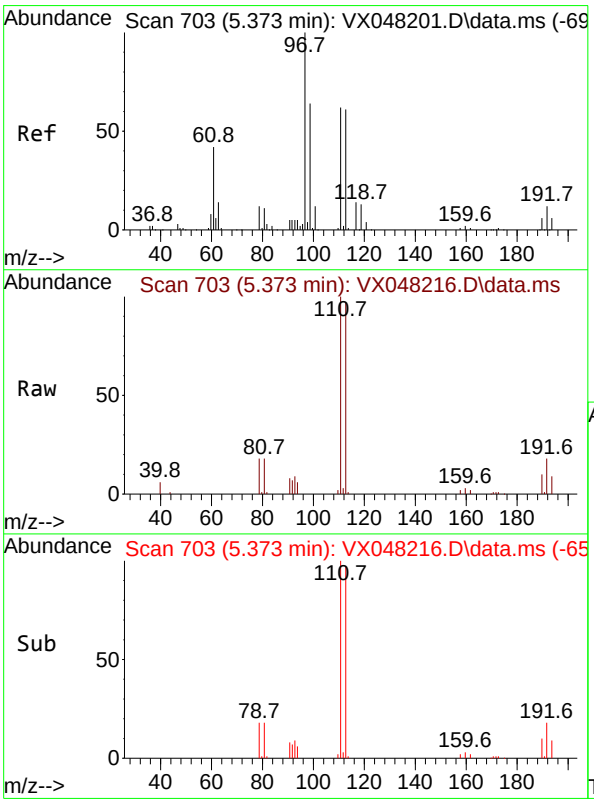
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion:114 Resp: 216051

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.2
88	14.8	0.0	33.6

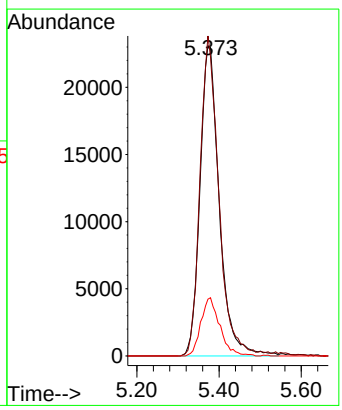


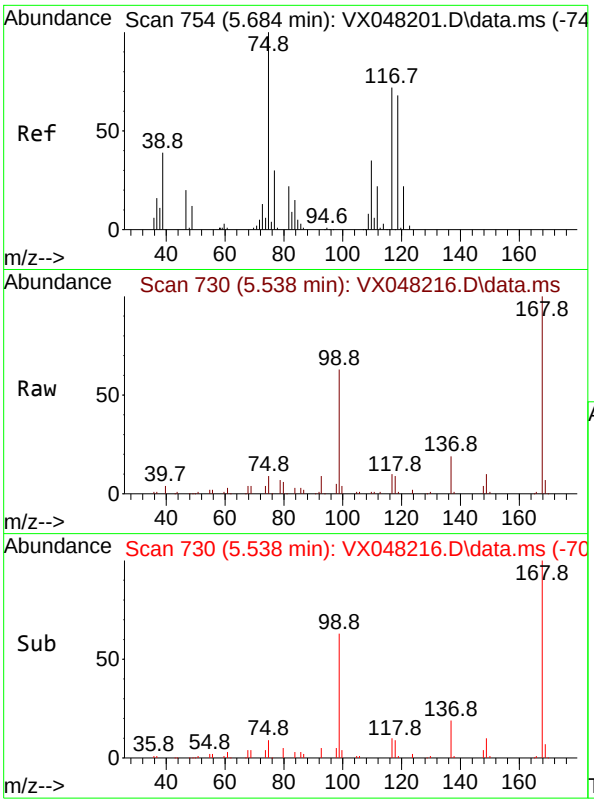


#35
Dibromofluoromethane
Concen: 50.204 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion:113 Resp: 75278

Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.2	123.4
192	18.4	15.1	22.7



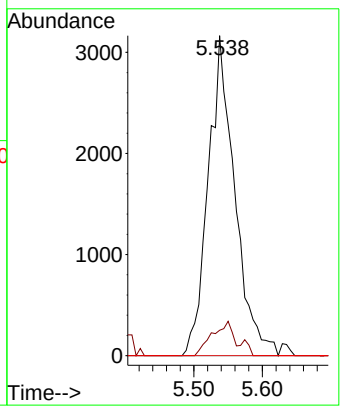


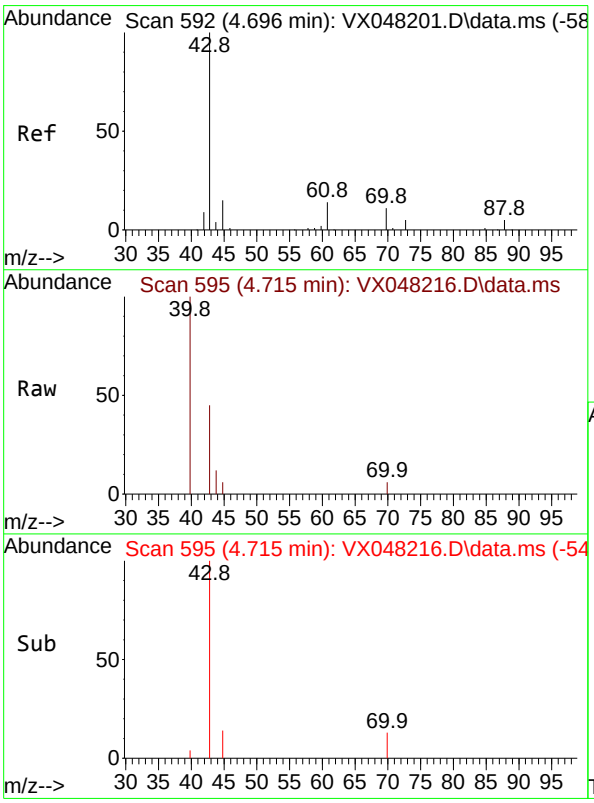
#36
1,1-Dichloropropene
Concen: 4.035 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.146 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion: 75 Resp: 8524

Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.7	53.1#
77	0.0	24.3	36.5#

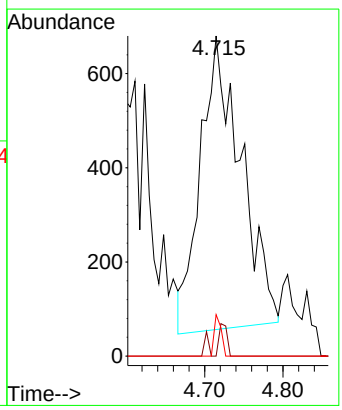


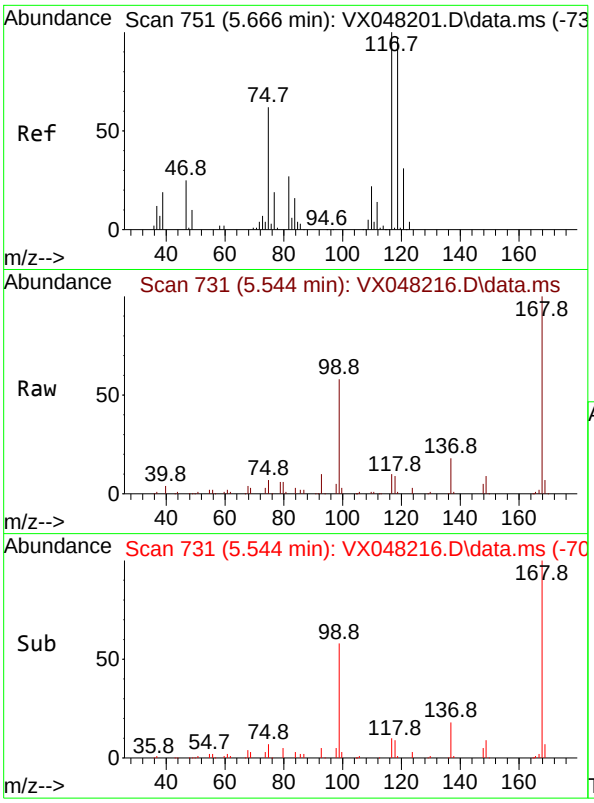


#37
Ethyl Acetate
Concen: 1.325 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.018 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 43 Resp: 2237

Ion	Ratio	Lower	Upper
43	100		
61	2.2	10.6	15.8#
70	2.5	7.8	11.6#



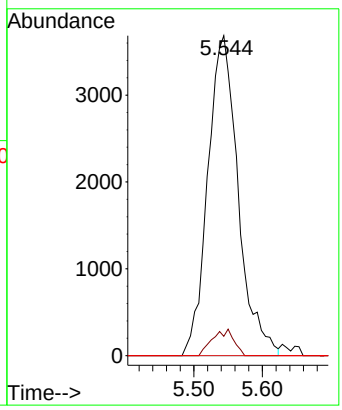


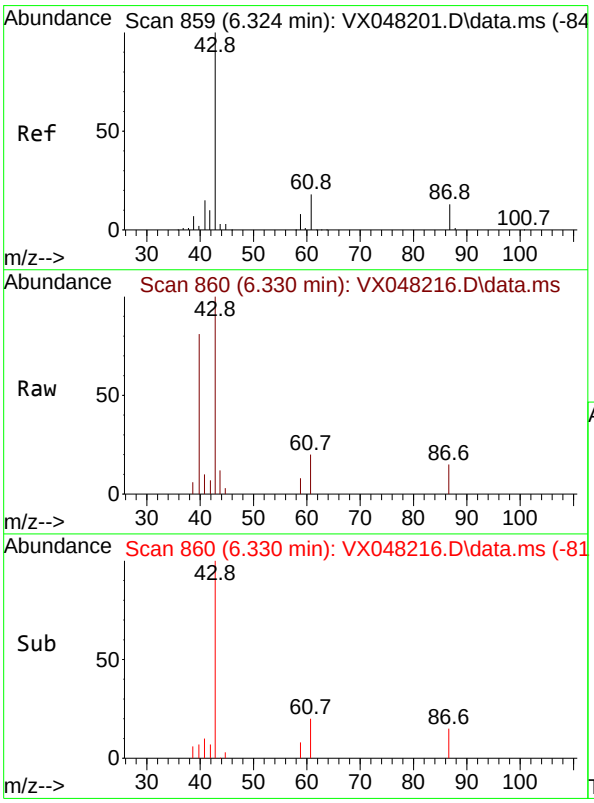
#38
Carbon Tetrachloride
Concen: 4.679 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.122 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion:117 Resp: 11344

Ion	Ratio	Lower	Upper
117	100		
119	6.0	77.2	115.8#
121	0.0	24.8	37.2#

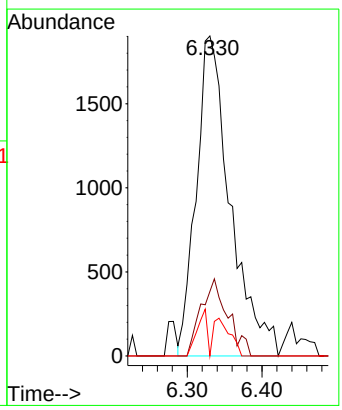


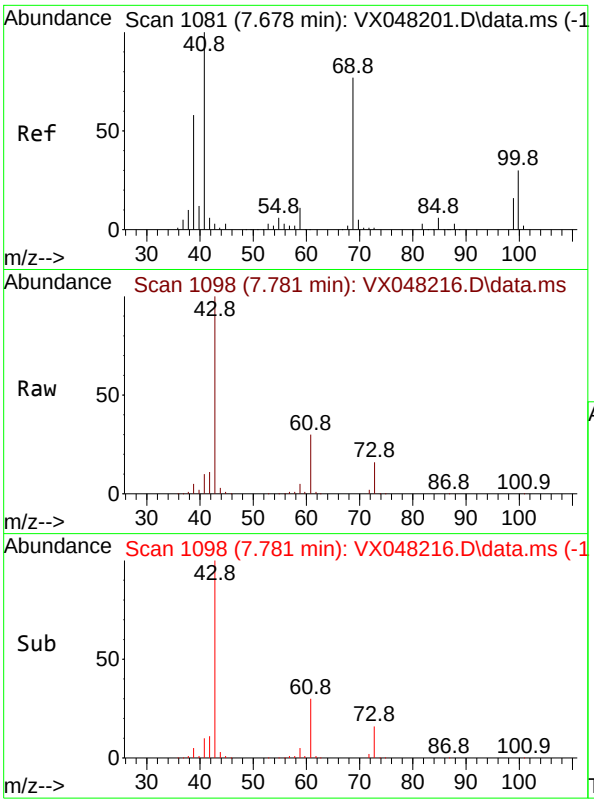


#43
Isopropyl Acetate
Concen: 2.125 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 43 Resp: 6021

Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.9	22.3
87	5.7	9.4	14.2#



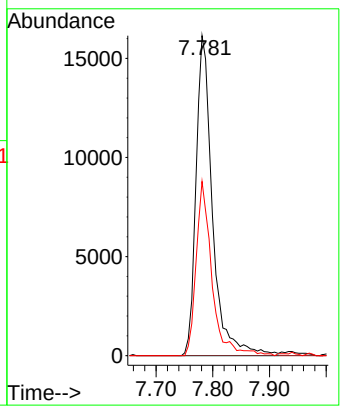


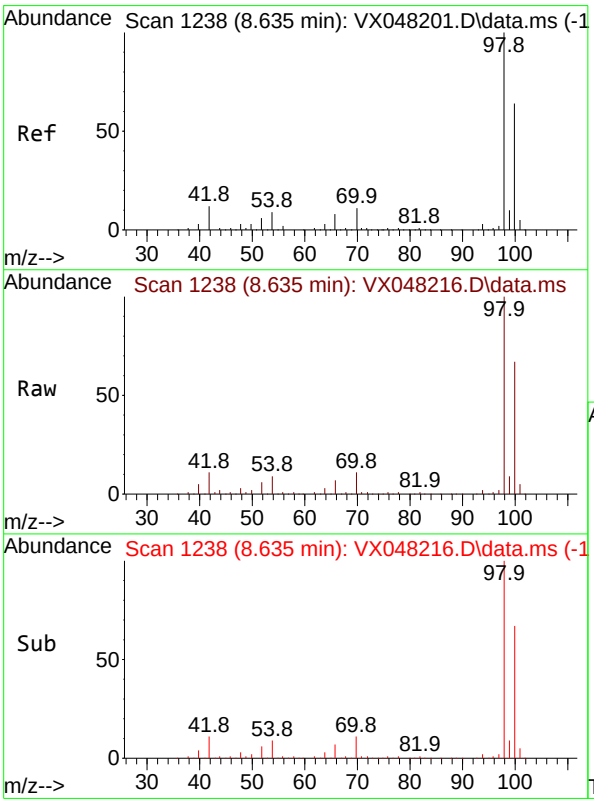
#48
Methyl methacrylate
Concen: 22.455 ug/l
RT: 7.781 min Scan# 1
Delta R.T. 0.104 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion: 41 Resp: 32573

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.4	95.0#
39	52.1	47.1	70.7

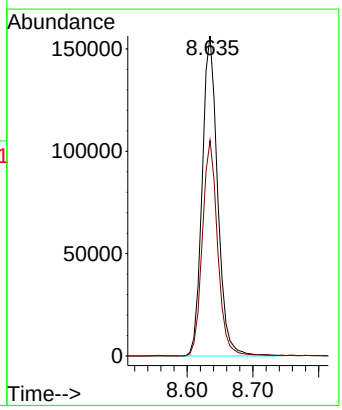


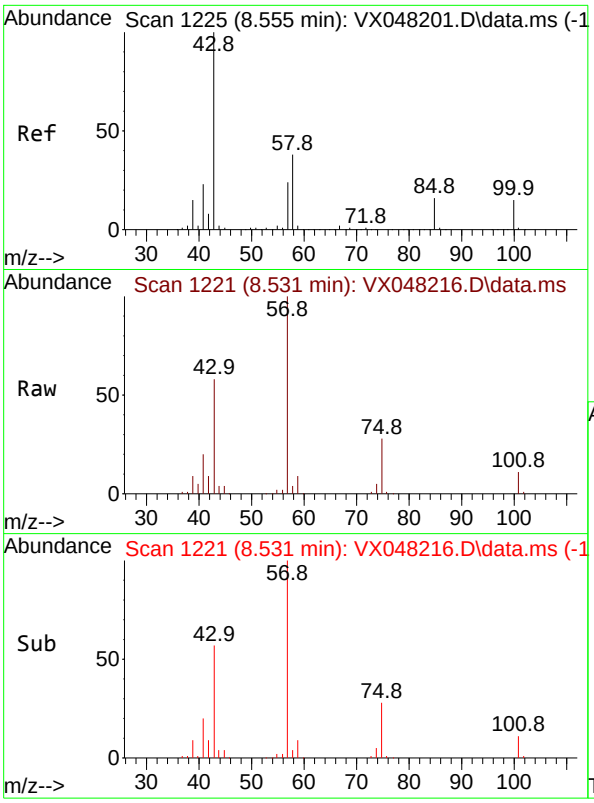


#50
Toluene-d8
Concen: 47.389 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 98 Resp: 255990

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4



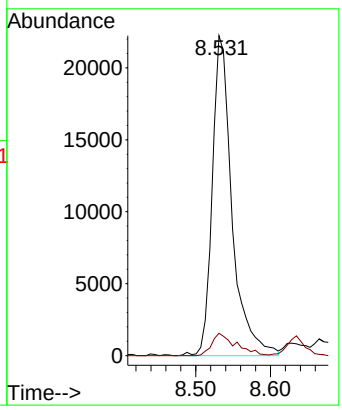


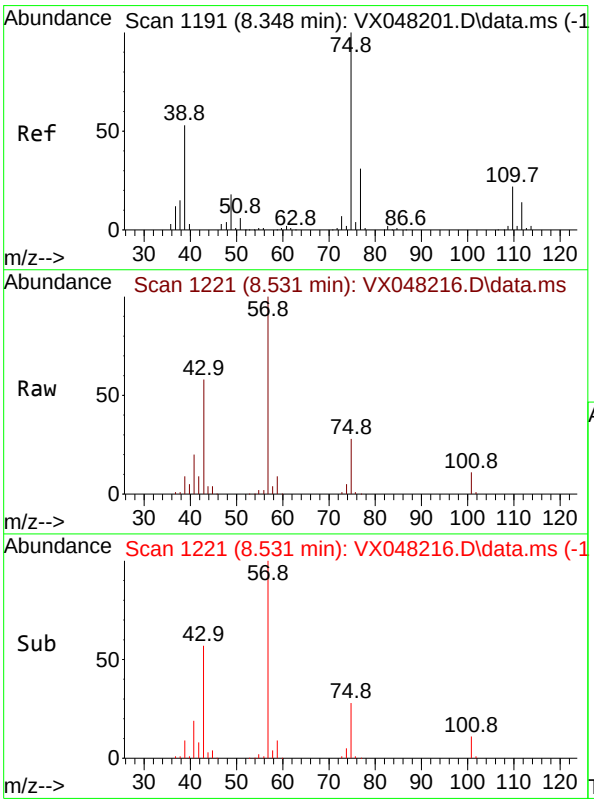
#51
4-Methyl-2-Pentanone
Concen: 25.902 ug/l
RT: 8.531 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion: 43 Resp: 40844

Ion	Ratio	Lower	Upper
43	100		
58	8.6	29.5	44.3#

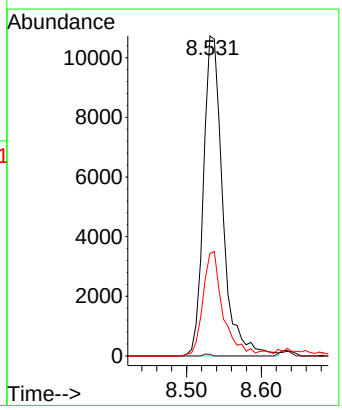


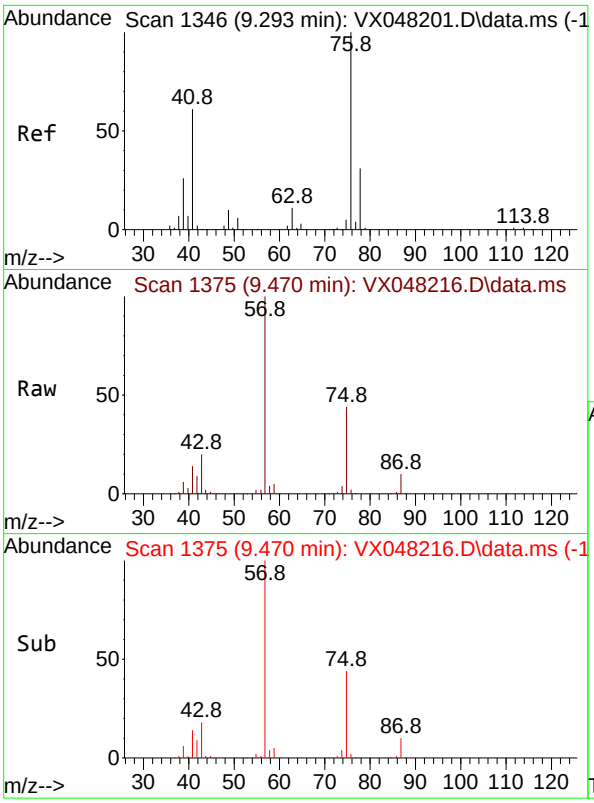


#54
cis-1,3-Dichloropropene
Concen: 7.637 ug/l
RT: 8.531 min Scan# 1221
Delta R.T. 0.183 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 75 Resp: 19251

Ion	Ratio	Lower	Upper
75	100		
77	0.5	24.9	37.3#
39	29.9	42.6	64.0#



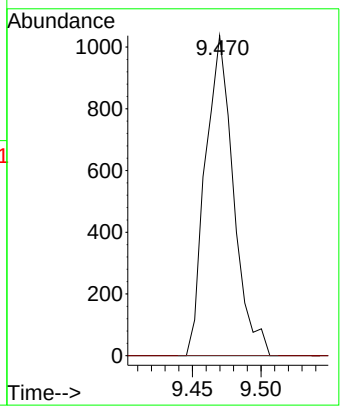


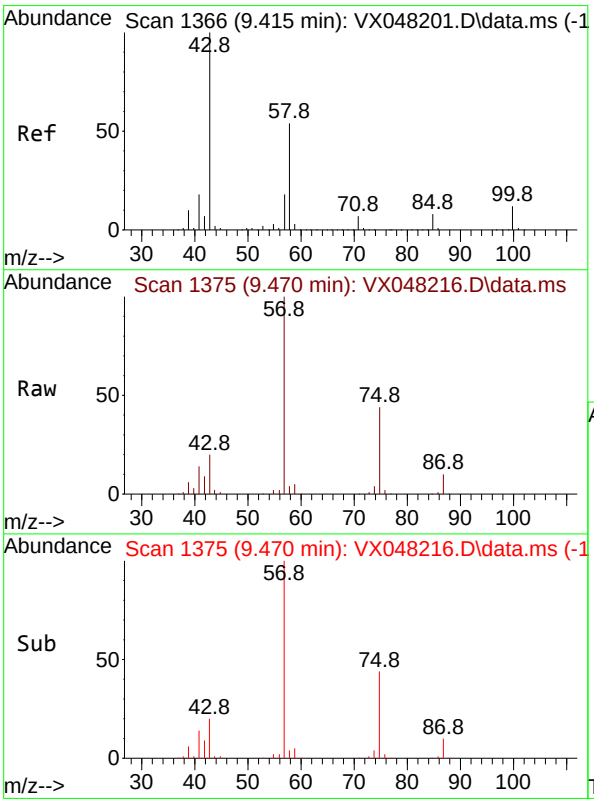
#57
1,3-Dichloropropane
Concen: 0.601 ug/l
RT: 9.470 min Scan# 1
Delta R.T. 0.177 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion: 76 Resp: 1478

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#

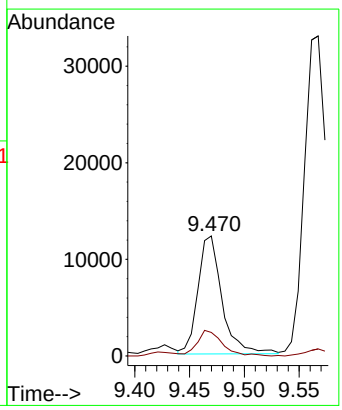


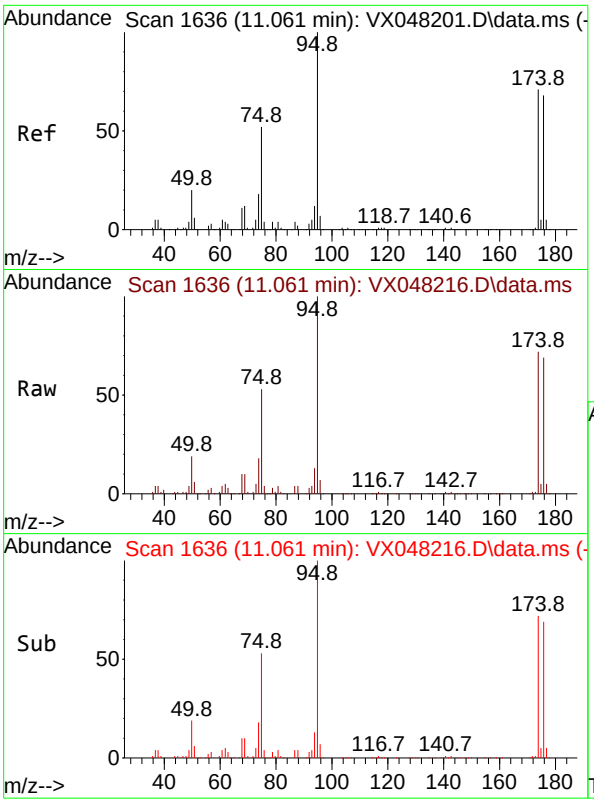


#59
2-Hexanone
Concen: 16.958 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. 0.055 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 43 Resp: 18704

Ion	Ratio	Lower	Upper
43	100		
58	22.3	26.3	78.8#



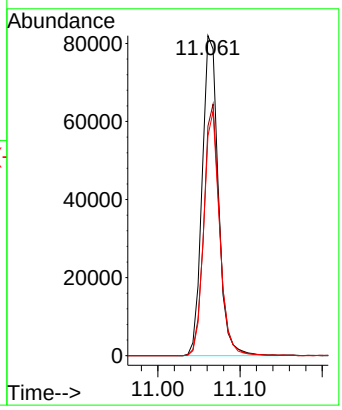


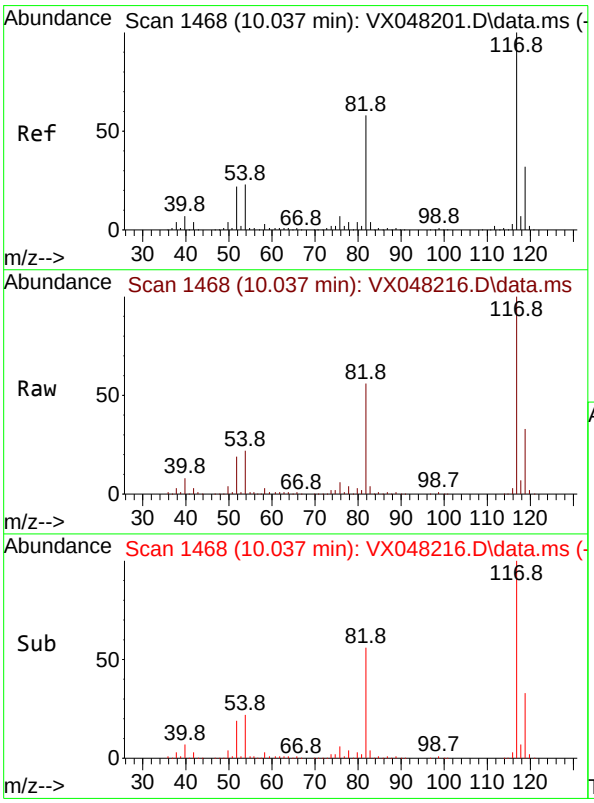
#62
4-Bromofluorobenzene
Concen: 56.934 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion: 95 Resp: 112017

Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	147.8
176	74.6	0.0	142.8

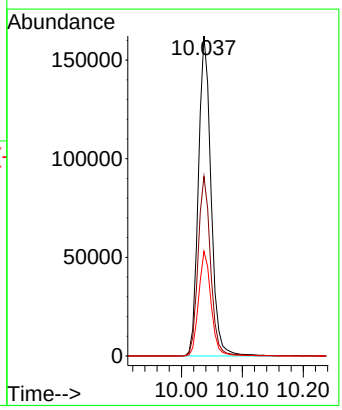


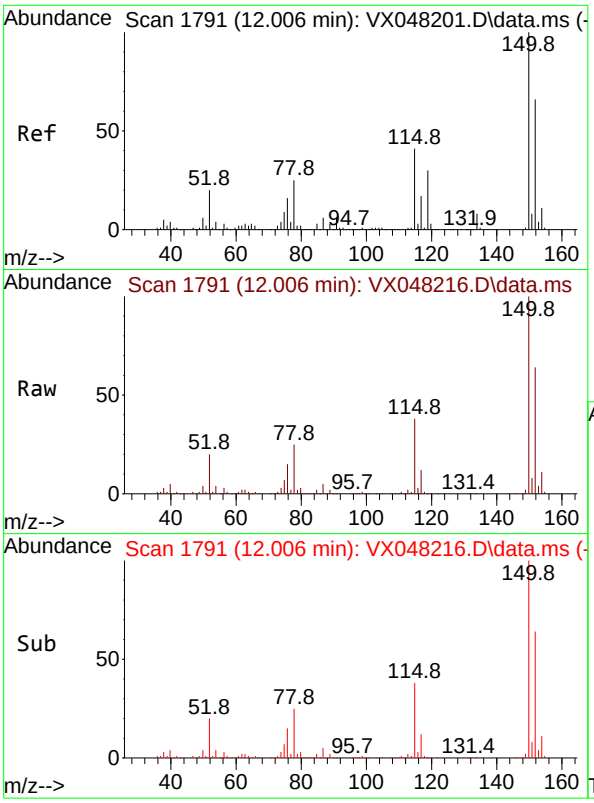


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion:117 Resp: 233562

Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.5	69.7
119	32.7	25.9	38.9



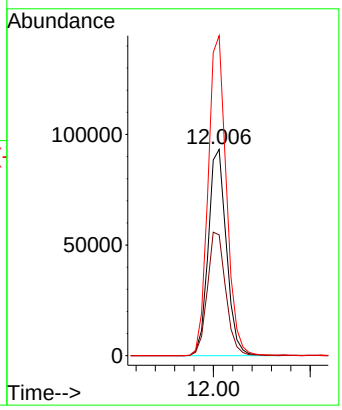


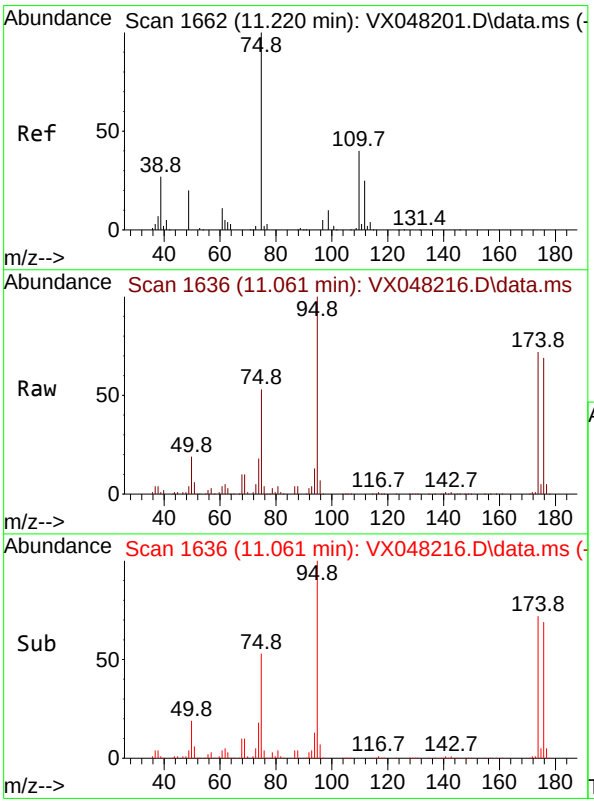
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion:152 Resp: 121453

Ion	Ratio	Lower	Upper
152	100		
115	60.9	43.1	129.4
150	156.7	0.0	353.0

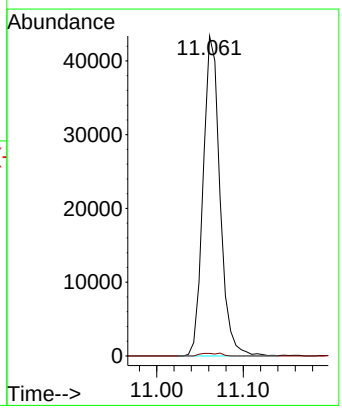


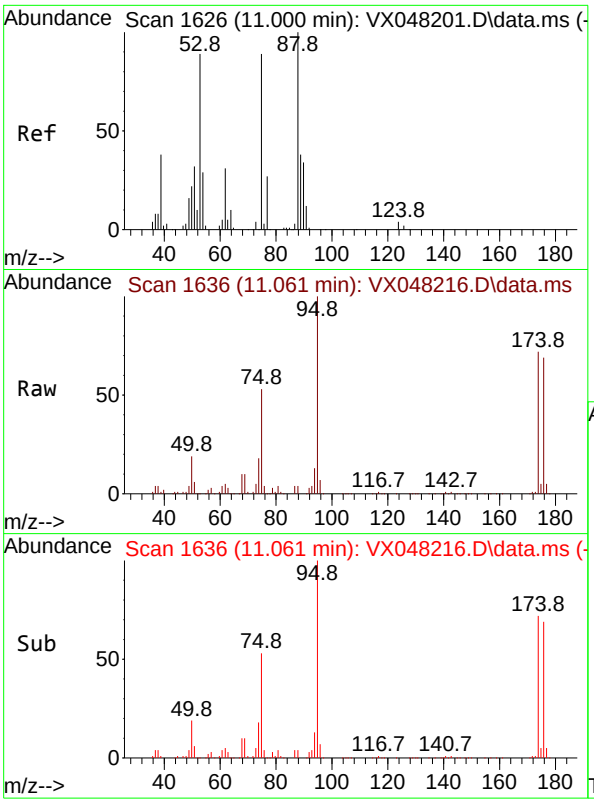


#76
1,2,3-Trichloropropane
Concen: 31.580 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 75 Resp: 58569

Ion	Ratio	Lower	Upper
75	100		
77	1.0	22.4	67.2#



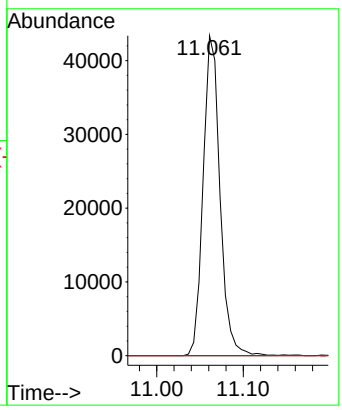


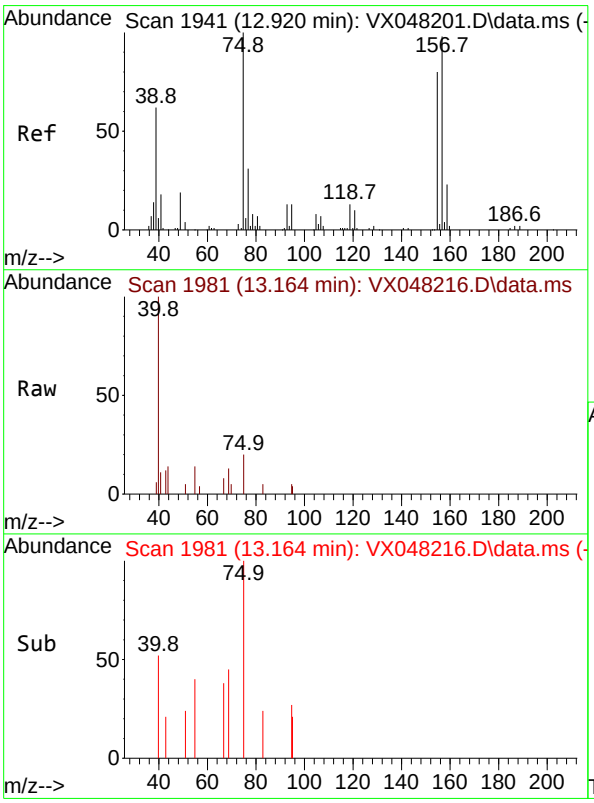
#81
trans-1,4-Dichloro-2-butene
Concen: 77.327 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
HT1403

Tgt Ion: 75 Resp: 58569

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.5	119.3#
89	0.0	36.8	55.2#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.533 ug/l
RT: 13.164 min Scan# 1981
Delta R.T. 0.244 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 75 Resp: 233

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.8	128.4#
157	0.0	54.2	162.6#