Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
Data File : VX045950.D
Acq On : 28 Apr 2025 12:44
Operator : JC/MD
Sample : Q1869-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-F

Quant Time: Apr 29 01:33:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	66202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64977	53.671	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.340%			
35) Dibromofluoromethane	5.379	113	46363	49.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.940%			
50) Toluene-d8	8.647	98	166292	51.353	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.700%			
62) 4-Bromofluorobenzene	11.079	95	65267	55.334	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.660%			
Target Compounds						Qvalue
5) Bromomethane	1.605	94	112	0.254	ug/l #	3
6) Chloroethane	1.630	64	182	0.369	ug/l #	42
11) Tert butyl alcohol	2.983	59	657	4.038	ug/l #	72
13) Acrolein	2.233	56	128	0.571	ug/l #	66
14) Allyl chloride	2.654	41	361	0.239	ug/l #	46
16) Acetone	2.386	43	44950	90.419	ug/l	96
17) Carbon Disulfide	2.502	76	575	0.293	ug/l #	76
18) Methyl Acetate	2.709	43	1571	1.373	ug/l	94
20) Methylene Chloride	2.782	84	2188	2.351	ug/l	88
23) Vinyl Acetate	3.569	43	1194	0.465	ug/l #	74
25) 2-Butanone	4.581	43	3667	5.039	ug/l	98
29) Tetrahydrofuran	5.044	42	289	0.613	ug/l #	35
31) Cyclohexane	5.550	56	1894	1.275	ug/l #	20
36) 1,1-Dichloropropene	5.544	75	6204	4.953	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7867	5.811	ug/l #	16
41) Methacrylonitrile	5.050	41	188	0.226	ug/l #	52
43) Isopropyl Acetate	6.342	43	10091	4.218	ug/l	99
48) Methyl methacrylate	7.793	41	42553	34.447	ug/l #	49
51) 4-Methyl-2-Pentanone	8.543	43	36446	22.979	ug/l #	49
53) t-1,3-Dichloropropene	8.958	75	153	2.393	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	13765	10.010	ug/l #	69
57) 1,3-Dichloropropane	9.476	76	1321	0.822	ug/l #	42
59) 2-Hexanone	9.378	43	10590	9.016	ug/l #	28
74) N-amyl acetate	10.781	43	1451	0.689	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	37382	27.892	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37382	94.660	ug/l #	1

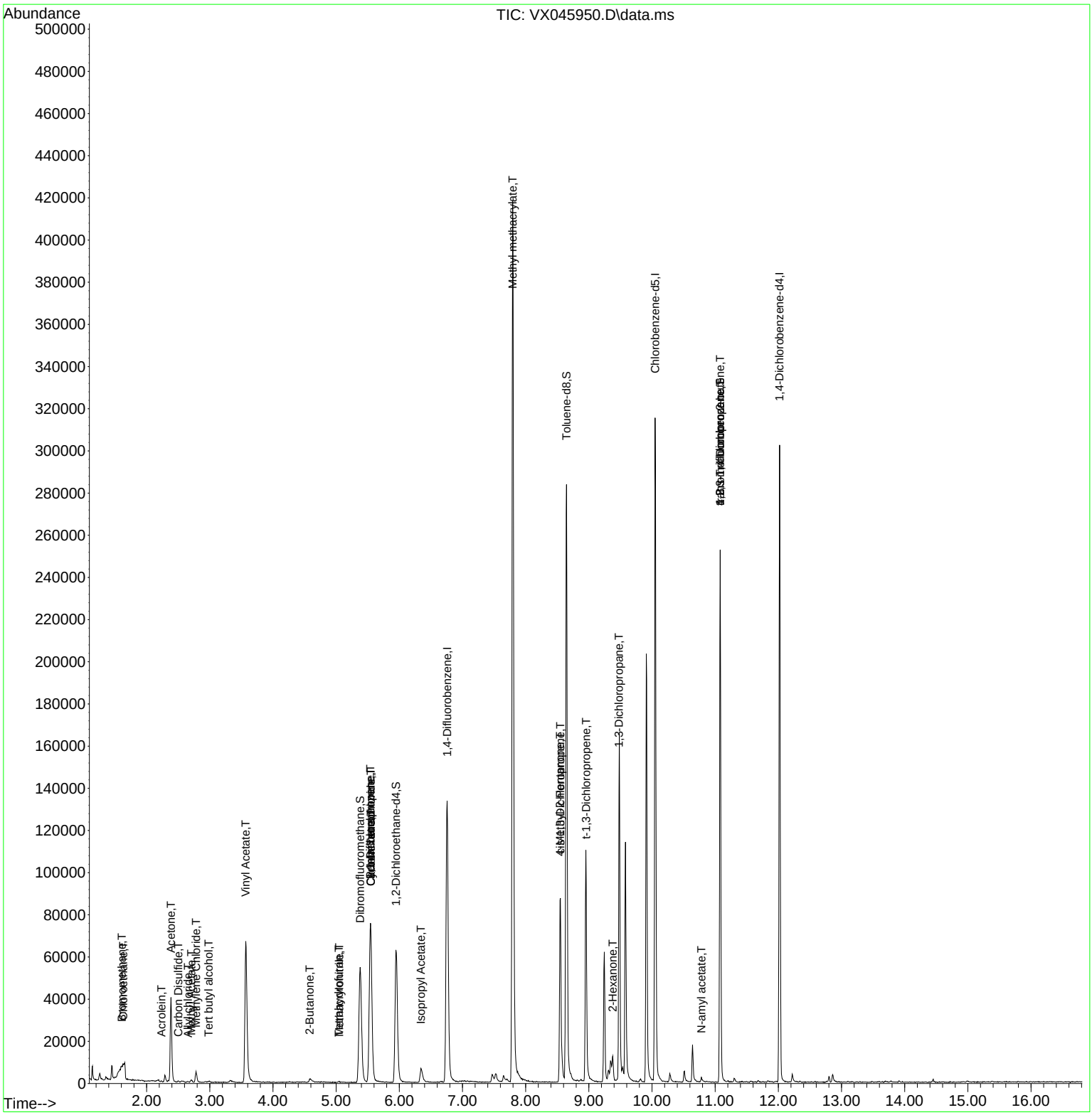
(#) = qualifier out of range (m) = manual integration (+) = signals summed

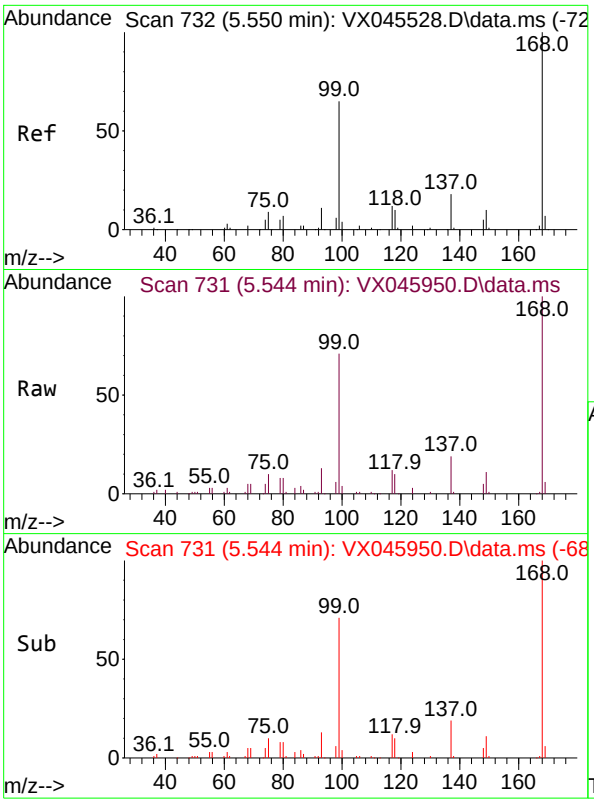
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
Data File : VX045950.D
Acq On : 28 Apr 2025 12:44
Operator : JC/MD
Sample : Q1869-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Quant Time: Apr 29 01:33:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



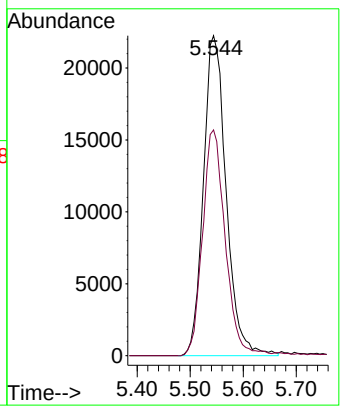


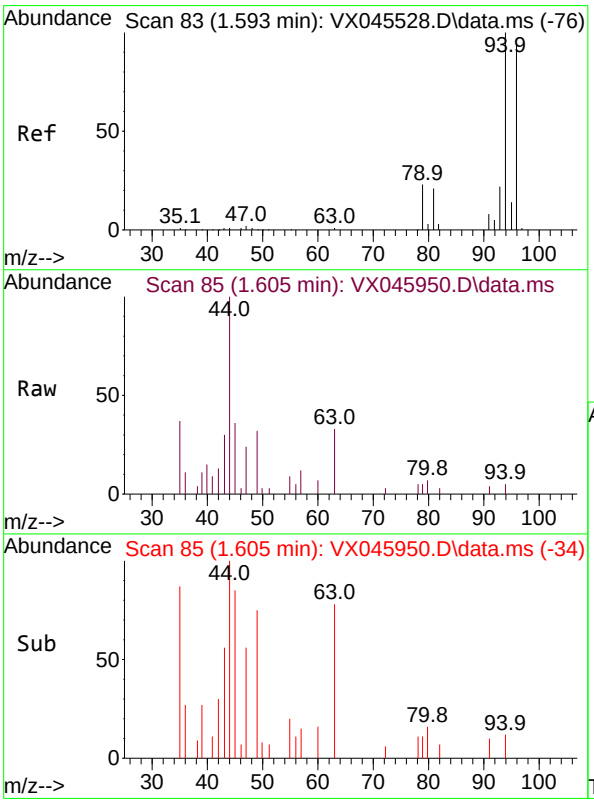
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion:168 Resp: 66202

Ion	Ratio	Lower	Upper
168	100		
99	70.5	52.3	78.5

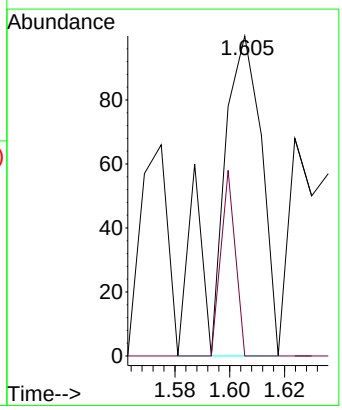


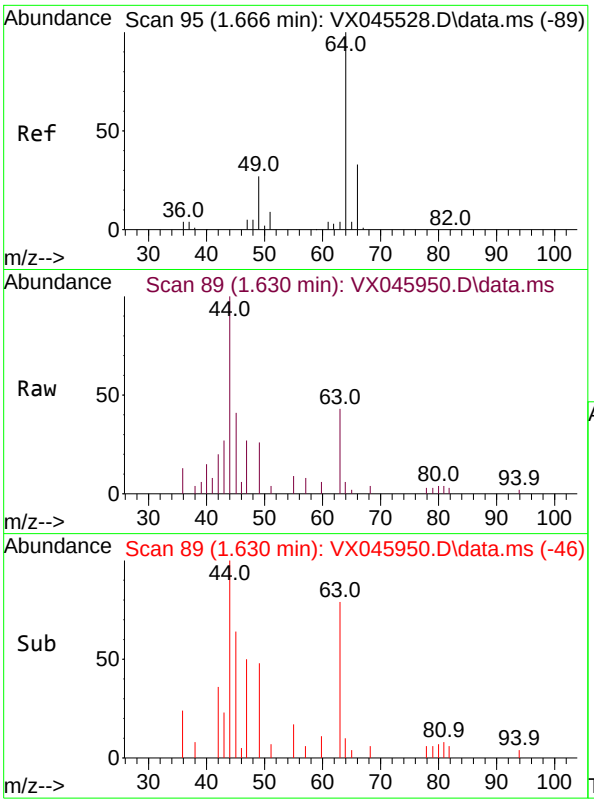


#5
Bromomethane
Concen: 0.254 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 94 Resp: 112

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#



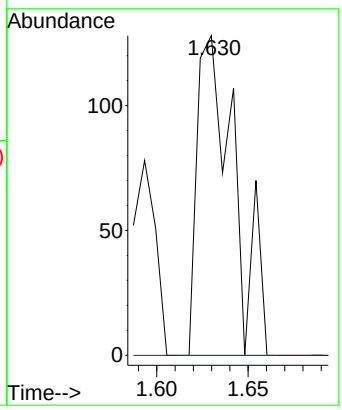


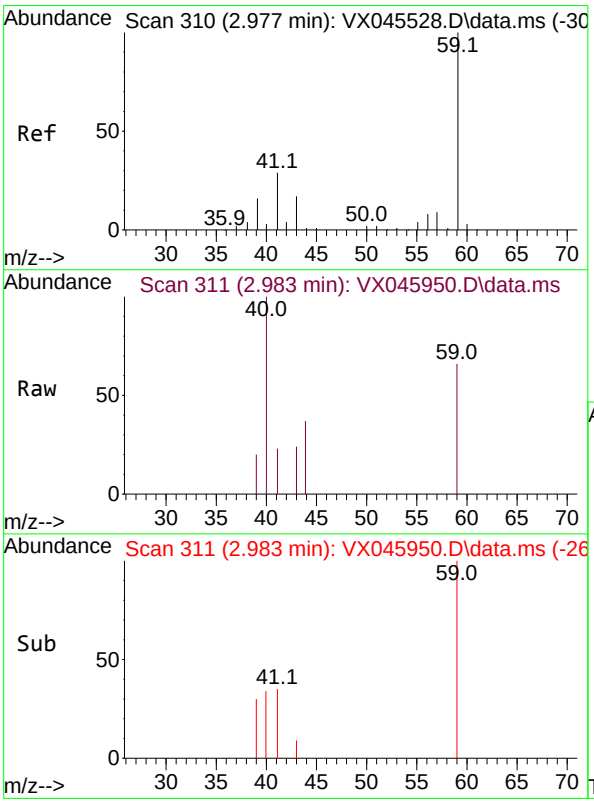
#6
Chloroethane
Concen: 0.369 ug/l
RT: 1.630 min Scan# 8
Delta R.T. -0.036 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 64 Resp: 182

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.3	39.5#

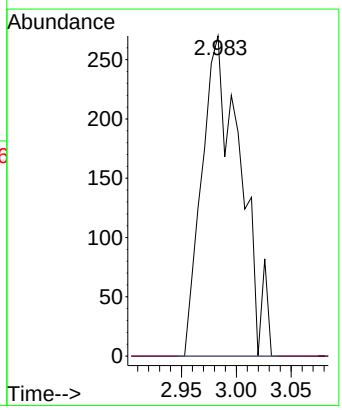


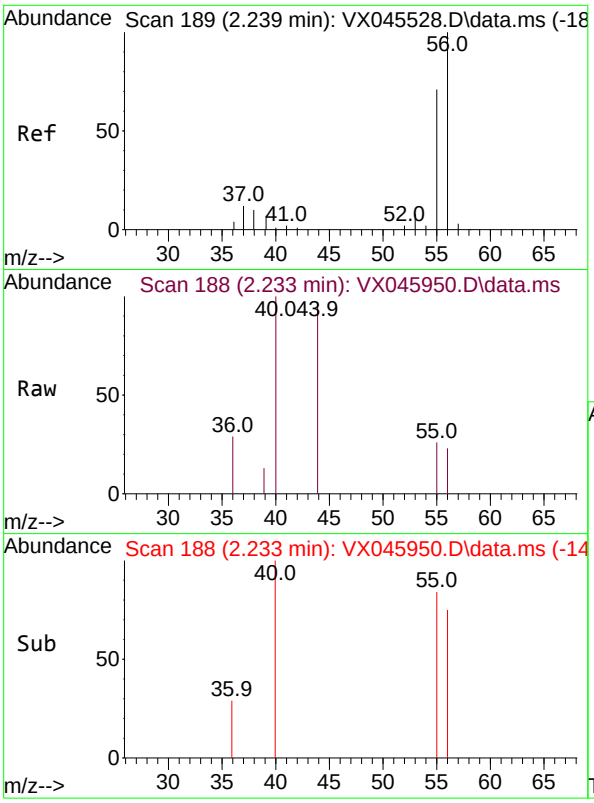


#11
Tert butyl alcohol
Concen: 4.038 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 59 Resp: 657

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



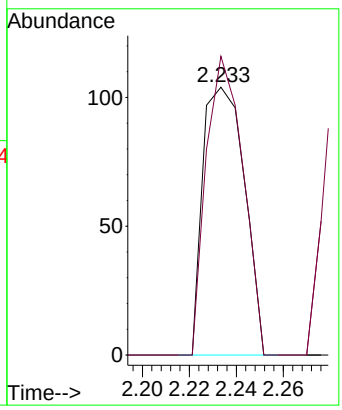


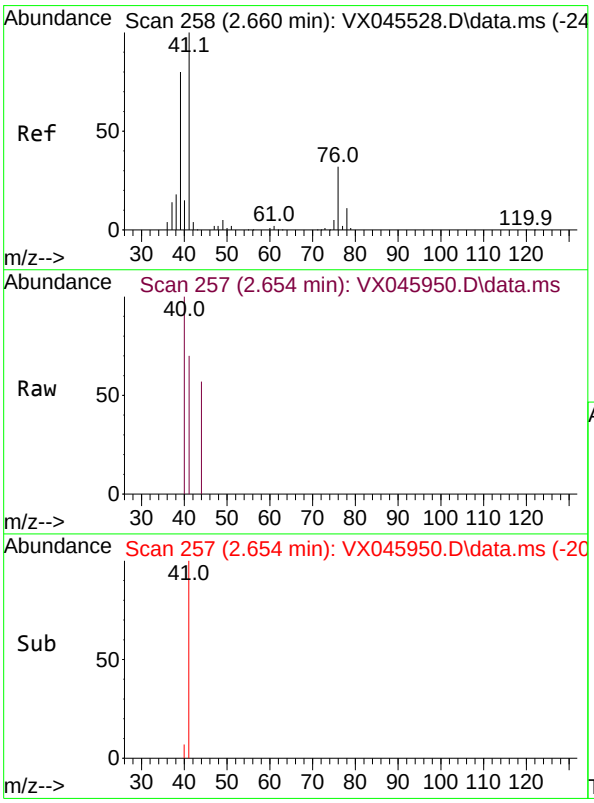
#13
Acrolein
Concen: 0.571 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 56 Resp: 128

Ion	Ratio	Lower	Upper
56	100		
55	98.4	56.2	84.2#

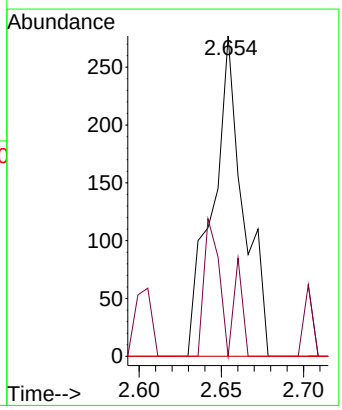


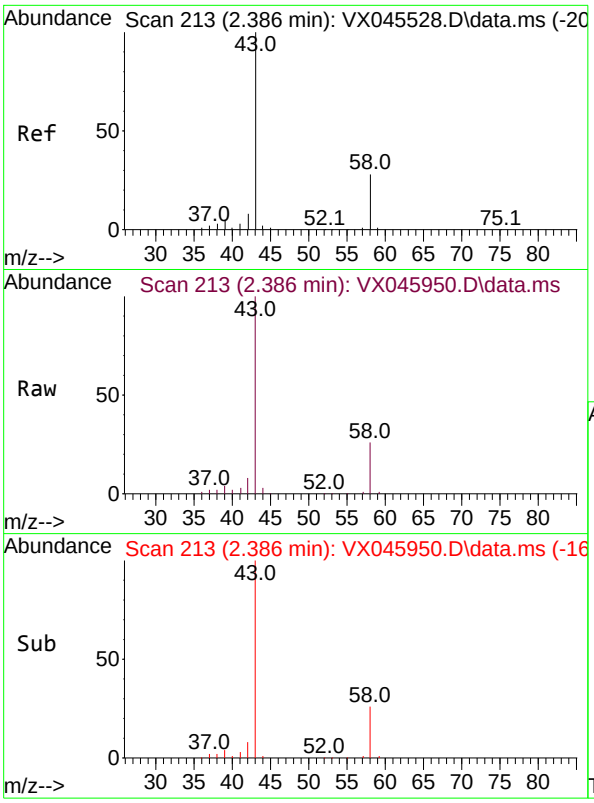


#14
Allyl chloride
Concen: 0.239 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 41 Resp: 361

Ion	Ratio	Lower	Upper
41	100		
39	29.4	60.2	90.2#
76	0.0	24.6	36.8#



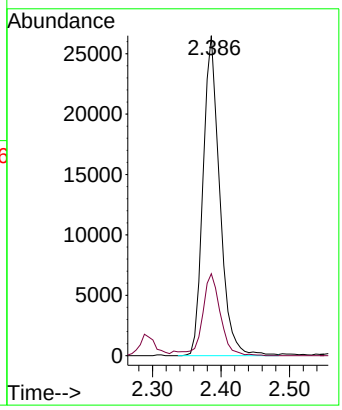


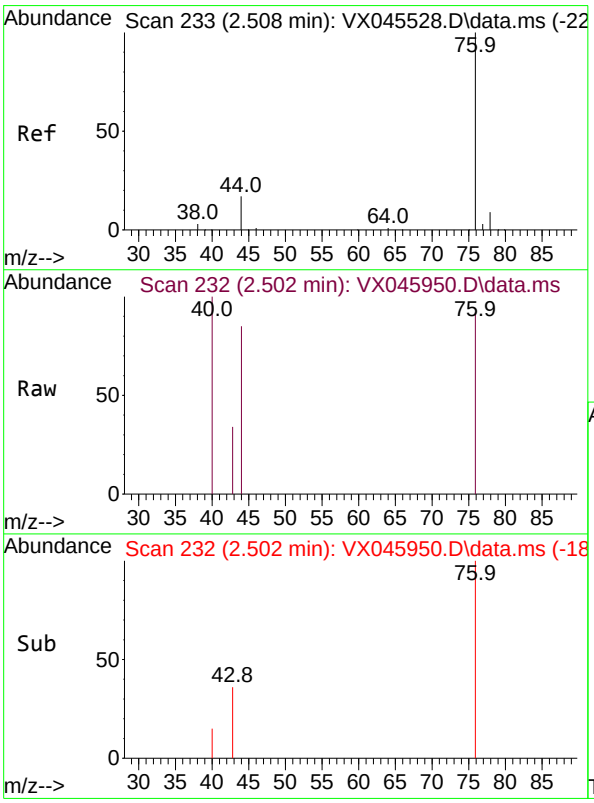
#16
Acetone
Concen: 90.419 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 43 Resp: 44950

Ion	Ratio	Lower	Upper
43	100		
58	25.6	22.3	33.5

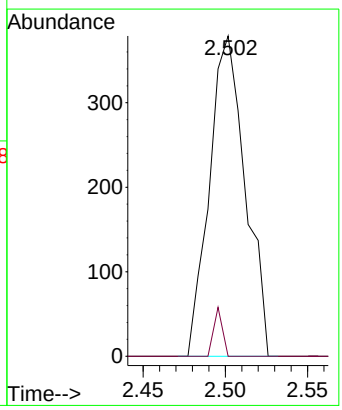


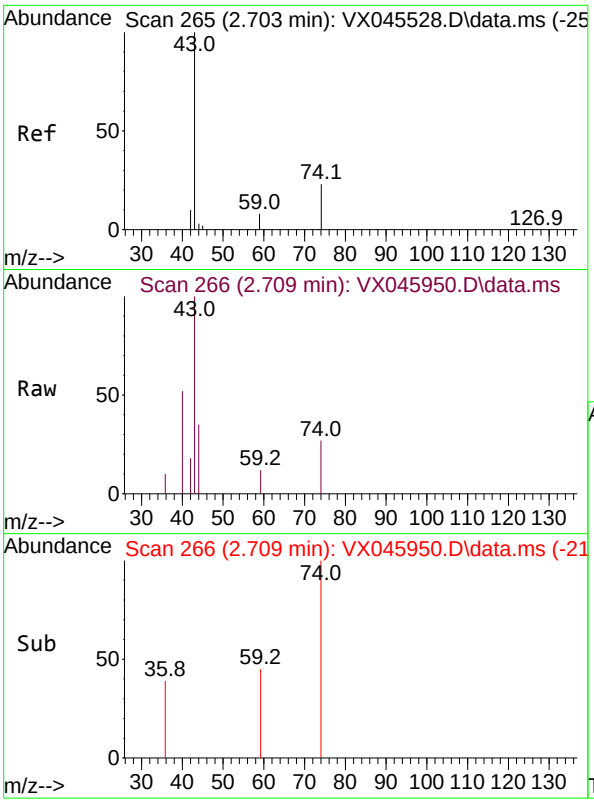


#17
Carbon Disulfide
Concen: 0.293 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.006 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 76 Resp: 575

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.6#



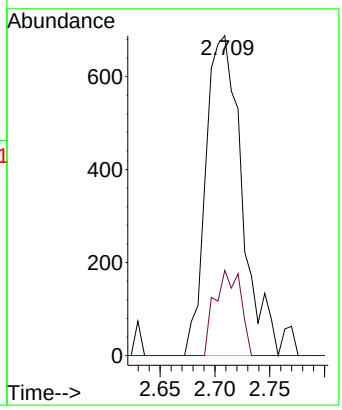


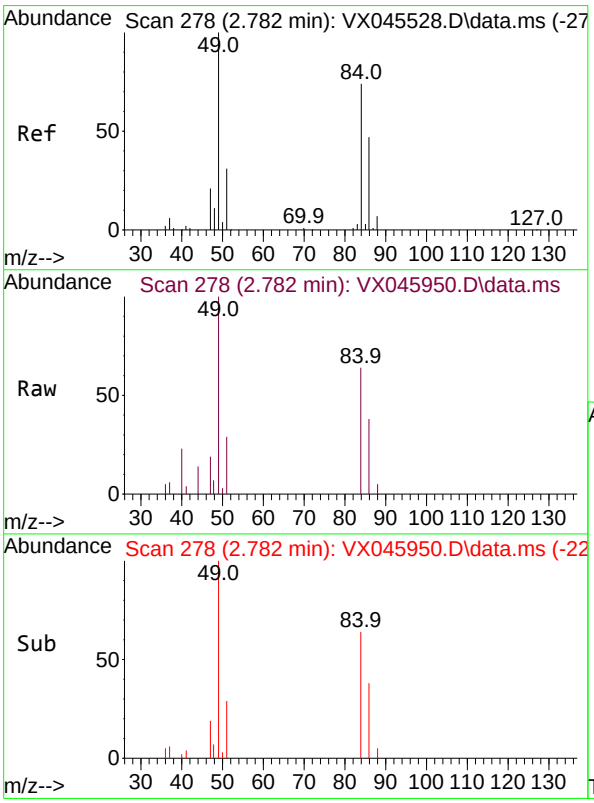
#18
Methyl Acetate
Concen: 1.373 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 43 Resp: 1571

Ion	Ratio	Lower	Upper
43	100		
74	19.1	17.5	26.3

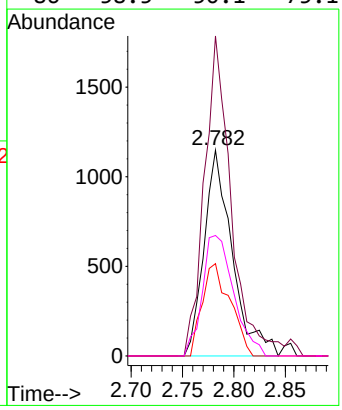


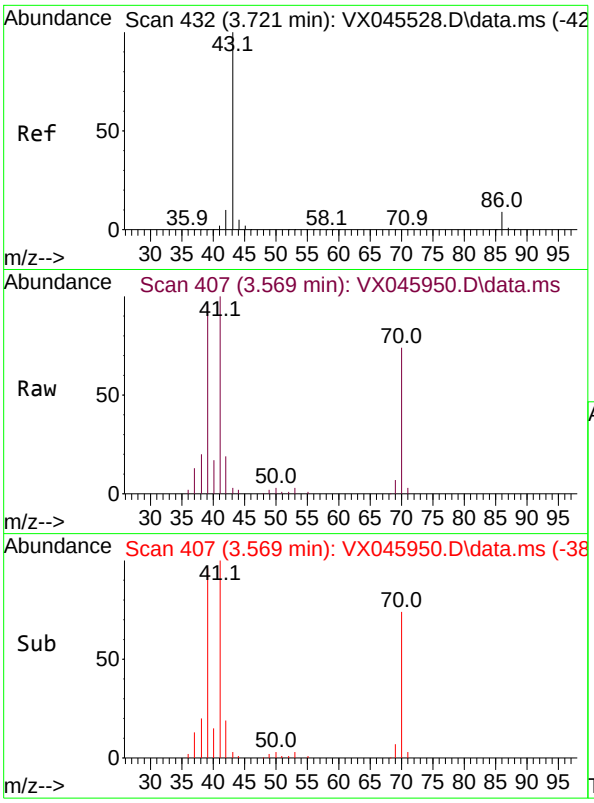


#20
Methylene Chloride
Concen: 2.351 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 84 Resp: 2188

Ion	Ratio	Lower	Upper
84	100		
49	155.6	107.5	161.3
51	44.9	33.0	49.6
86	58.5	50.1	75.1



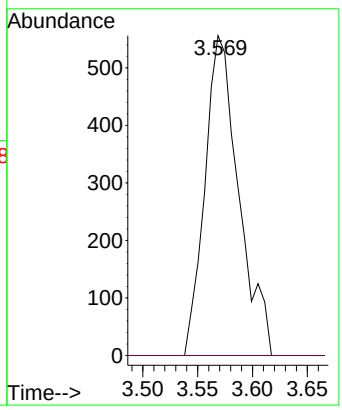


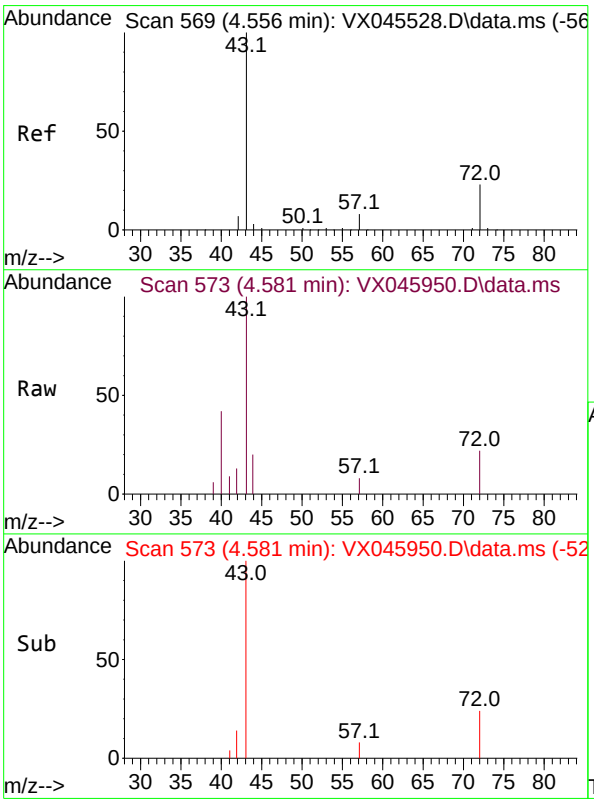
#23
Vinyl Acetate
Concen: 0.465 ug/l
RT: 3.569 min Scan# 4
Delta R.T. -0.152 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 43 Resp: 1194

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.5	11.3#

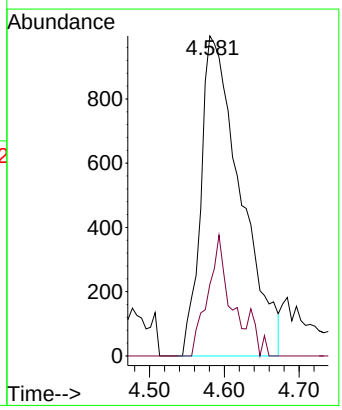


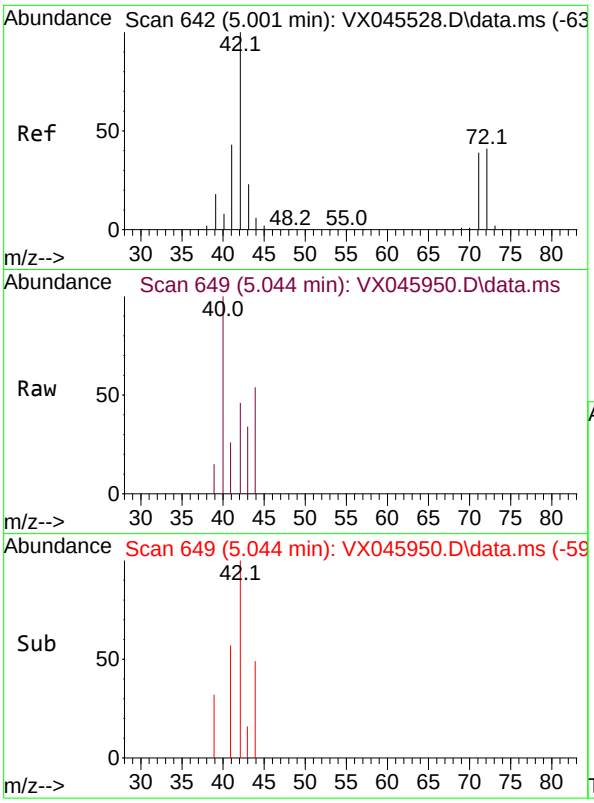


#25
2-Butanone
Concen: 5.039 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 43 Resp: 3667

Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.6	28.0



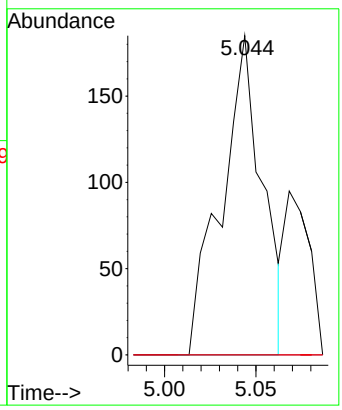


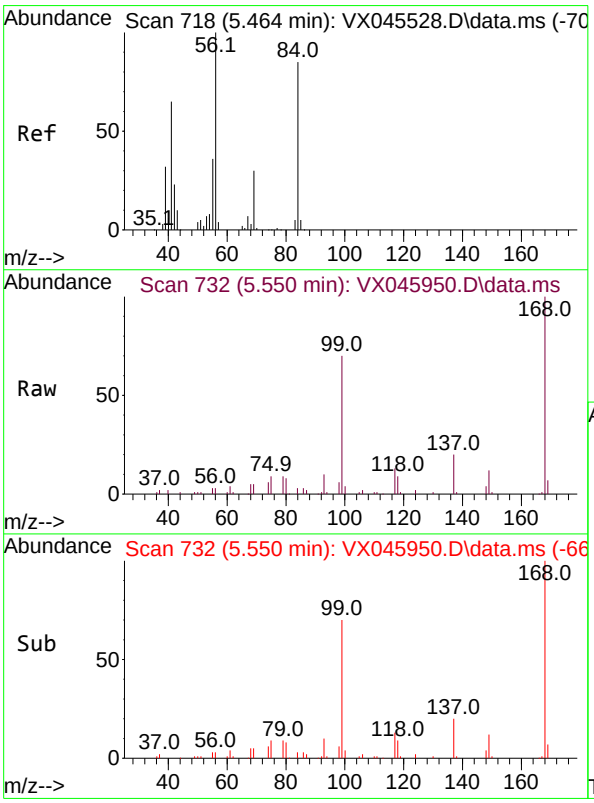
#29
Tetrahydrofuran
Concen: 0.613 ug/l
RT: 5.044 min Scan# 64
Delta R.T. 0.043 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 42 Resp: 289

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.0#
71	0.0	31.4	47.0#

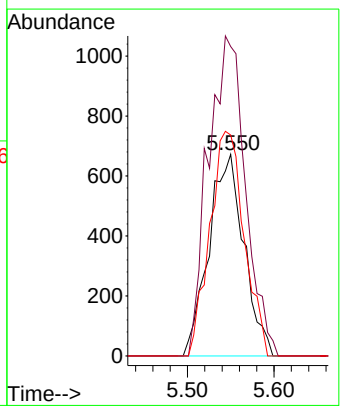


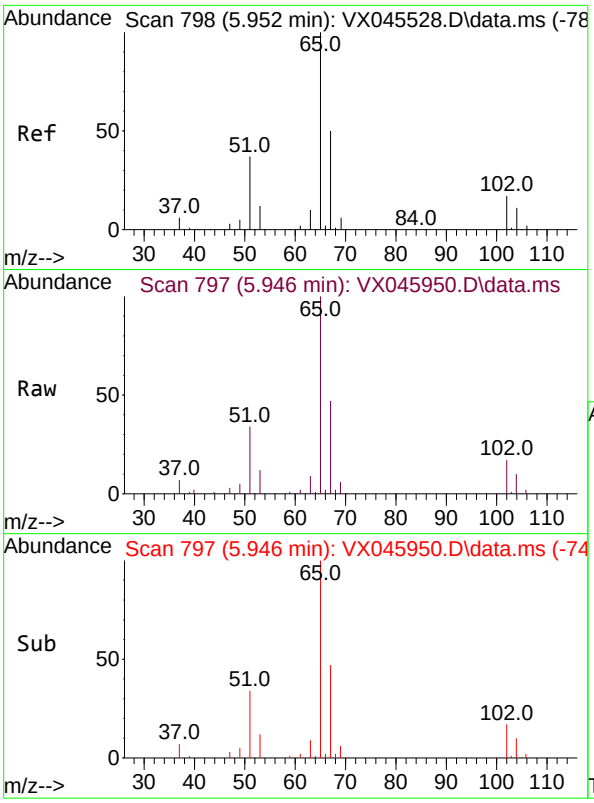


#31
Cyclohexane
Concen: 1.275 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 56 Resp: 1894

Ion	Ratio	Lower	Upper
56	100		
69	153.6	23.6	35.4#
84	109.7	67.7	101.5#



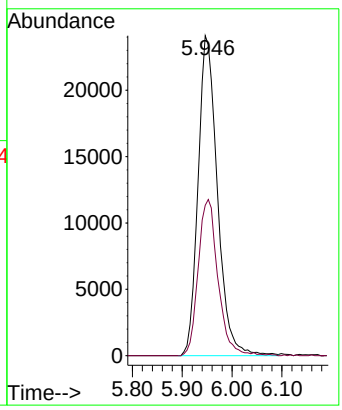


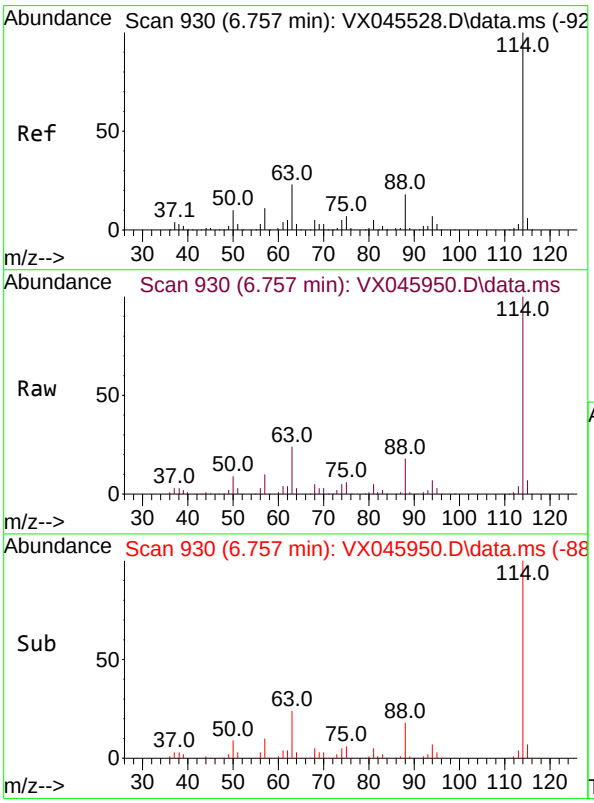
#33
1,2-Dichloroethane-d4
Concen: 53.671 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 65 Resp: 64977

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.0

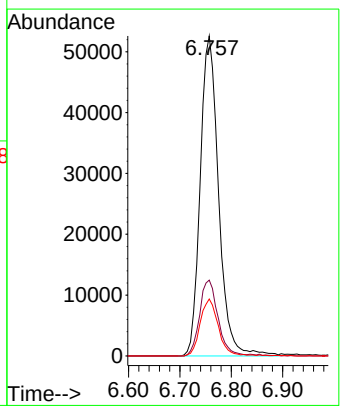


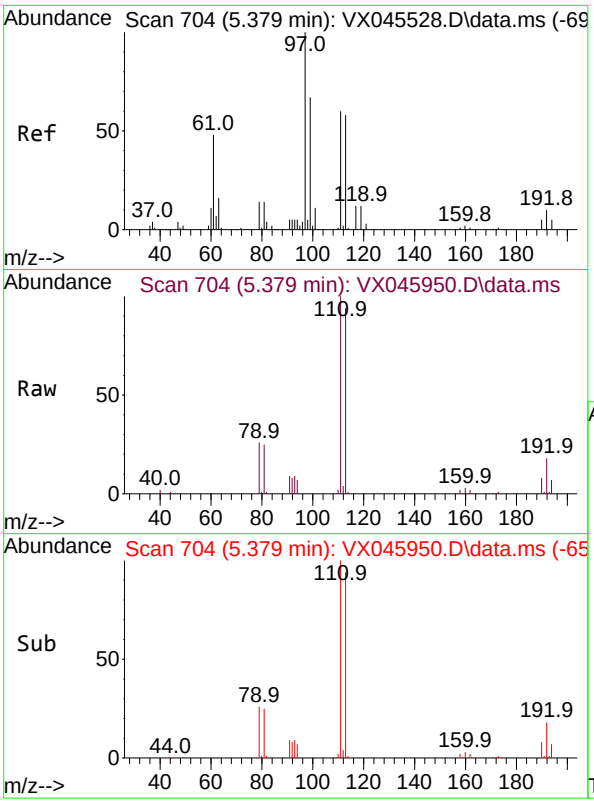


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion:114 Resp: 130761

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	46.8
88	17.8	0.0	35.4



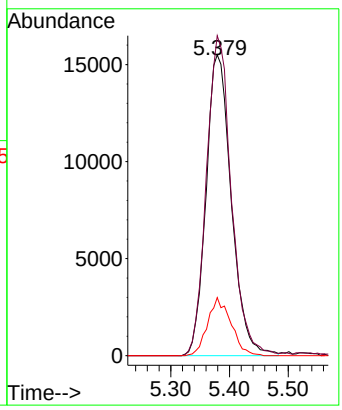


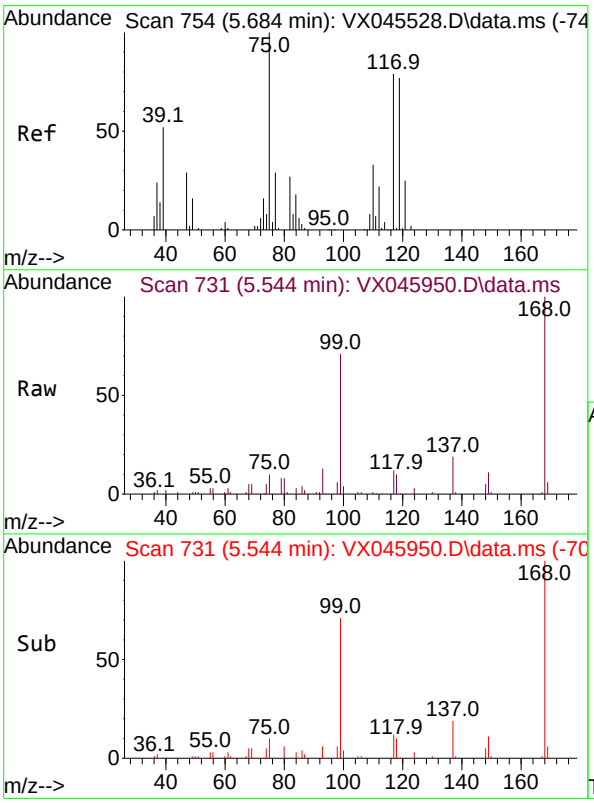
#35
Dibromofluoromethane
Concen: 49.974 ug/l
RT: 5.379 min Scan# 7(
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion:113 Resp: 46363

Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.8	122.6
192	17.9	13.8	20.6

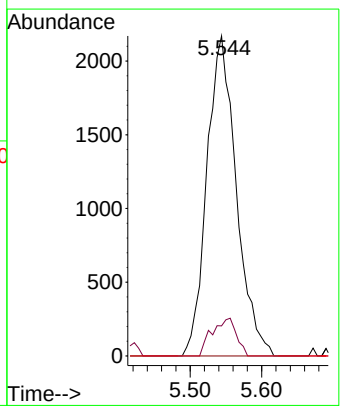


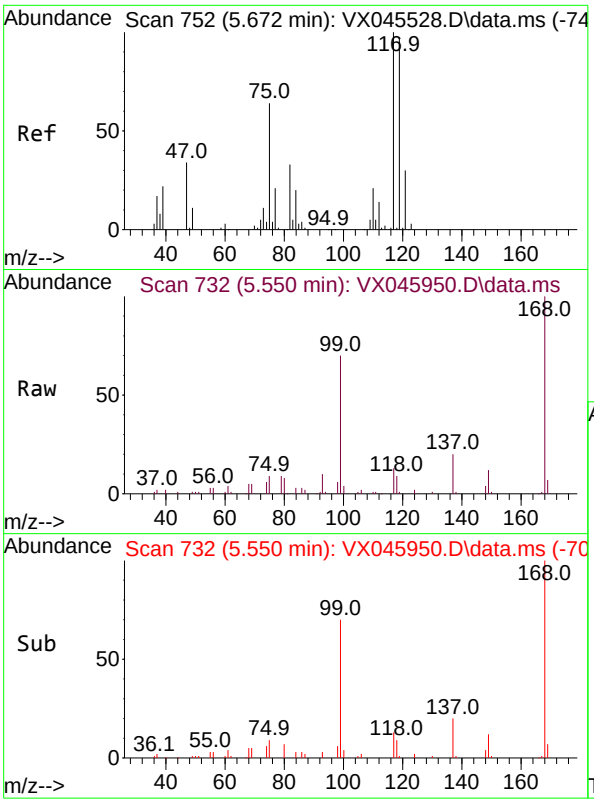


#36
1,1-Dichloropropene
Concen: 4.953 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 75 Resp: 6204

Ion	Ratio	Lower	Upper
75	100		
110	9.8	16.9	50.6#
77	0.0	25.0	37.4#



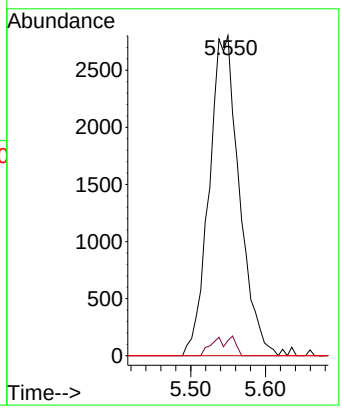


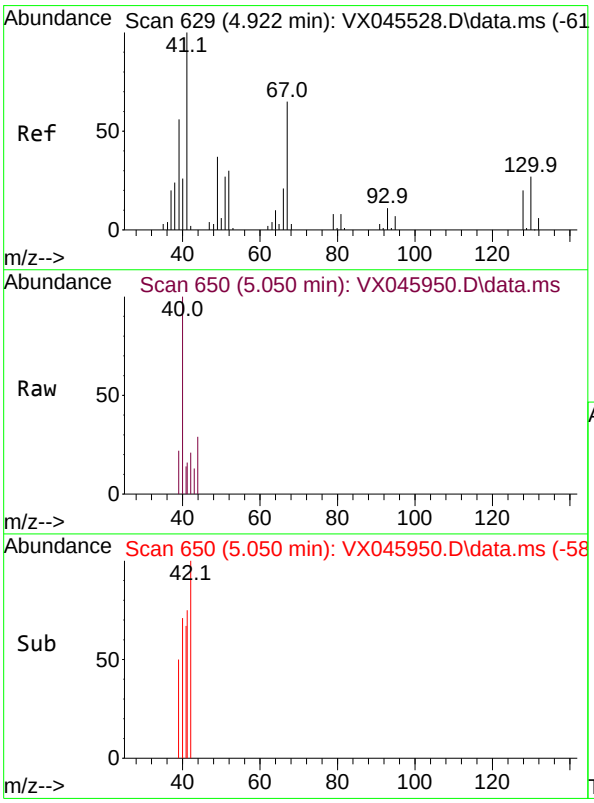
#38
Carbon Tetrachloride
Concen: 5.811 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.122 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion:117 Resp: 7867

Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.9	115.3#
121	0.0	24.2	36.2#

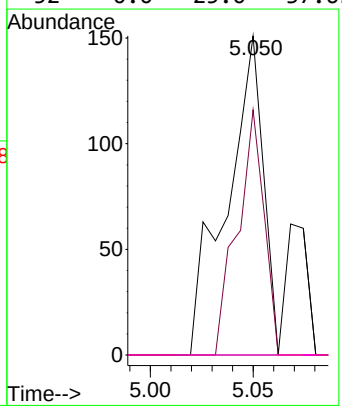


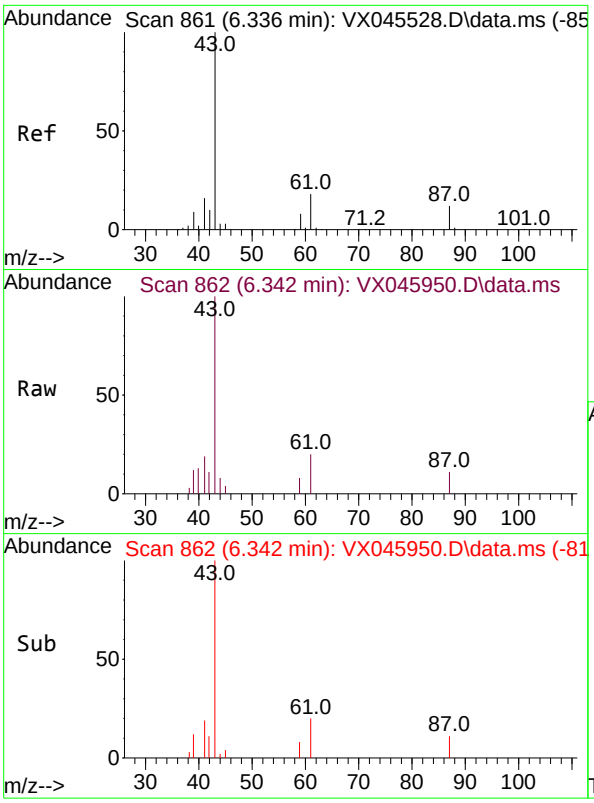


#41
Methacrylonitrile
Concen: 0.226 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.128 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 41 Resp: 188

Ion	Ratio	Lower	Upper
41	100		
39	55.9	47.0	70.6
67	0.0	53.2	79.8#
52	0.0	25.0	37.6#



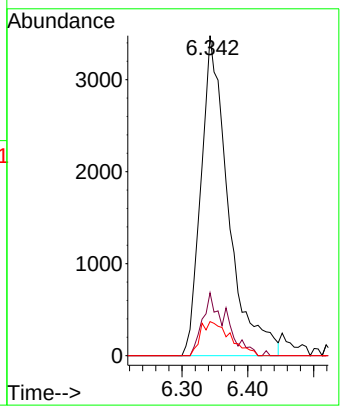


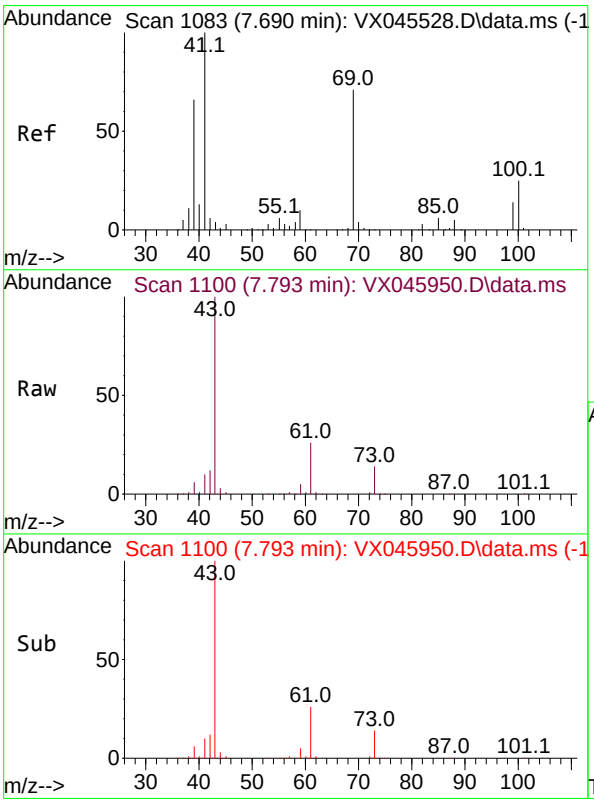
#43
Isopropyl Acetate
Concen: 4.218 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 43 Resp: 10091

Ion	Ratio	Lower	Upper
43	100		
61	17.1	14.1	21.1
87	11.5	9.2	13.8

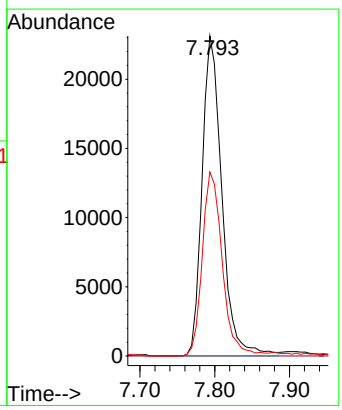


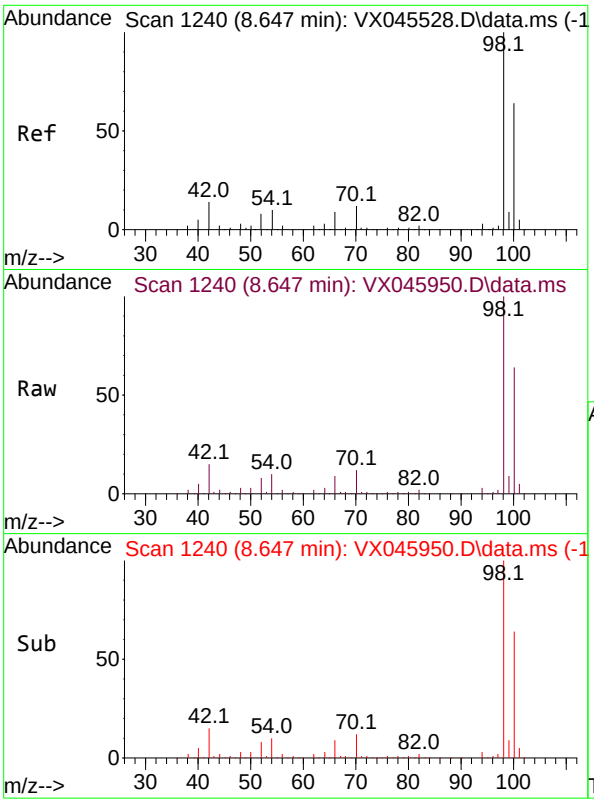


#48
Methyl methacrylate
Concen: 34.447 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 41 Resp: 42553

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.2	87.2#
39	58.0	53.6	80.4



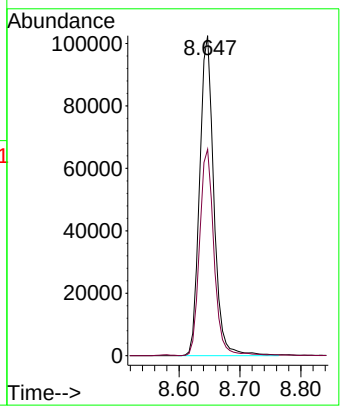


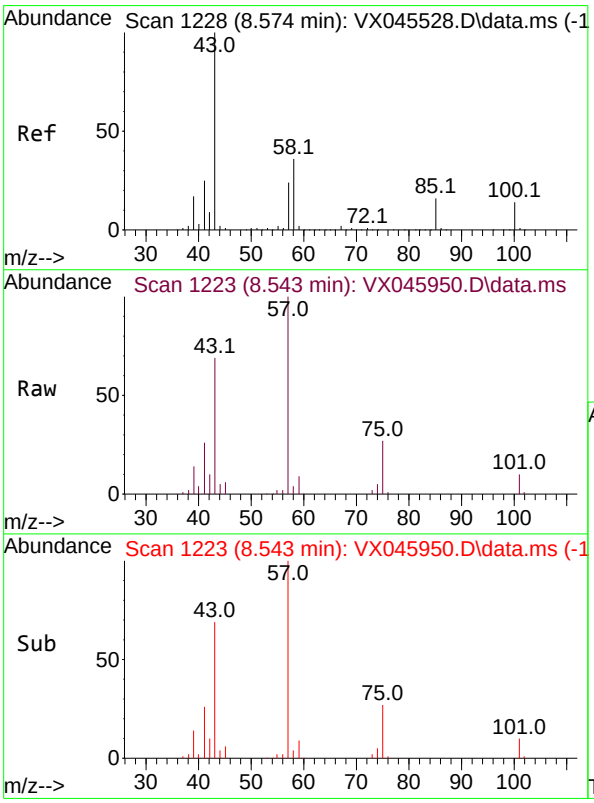
#50
Toluene-d8
Concen: 51.353 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 98 Resp: 166292

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.4

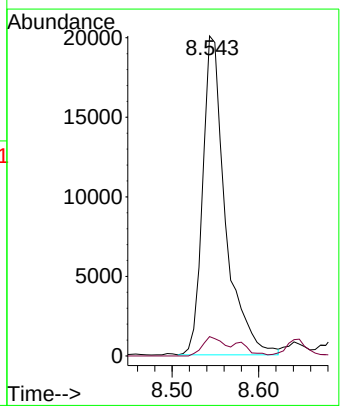


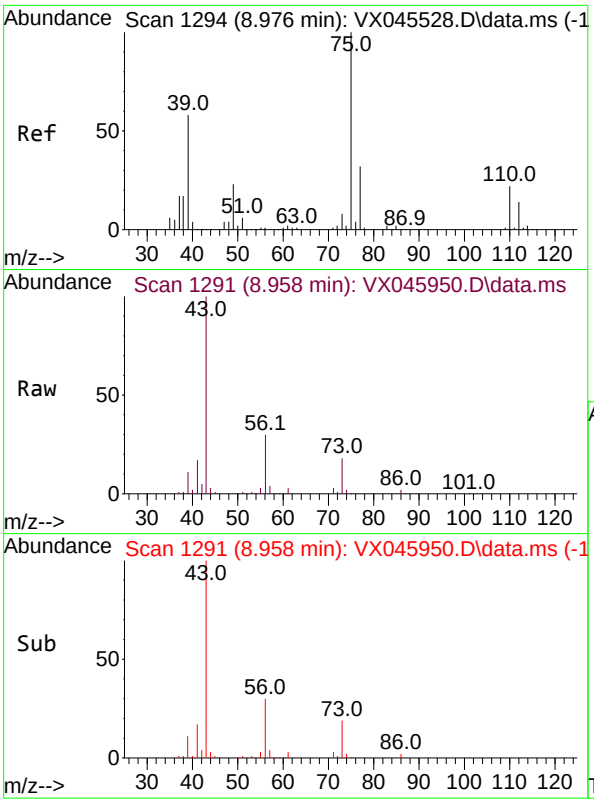


#51
4-Methyl-2-Pentanone
Concen: 22.979 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.030 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 43 Resp: 36446

Ion	Ratio	Lower	Upper
43	100		
58	5.8	28.5	42.7#



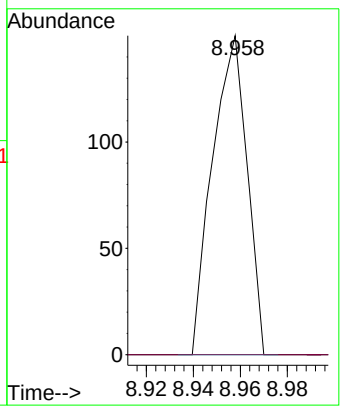


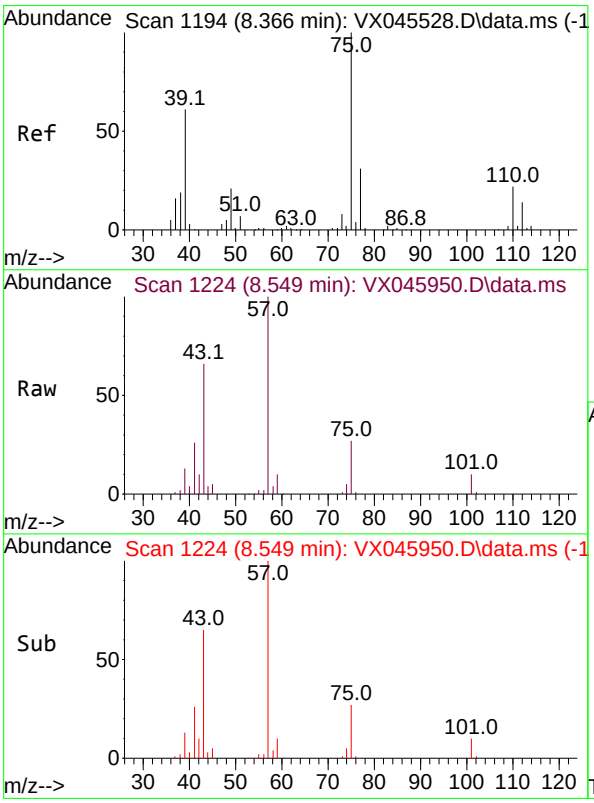
#53
t-1,3-Dichloropropene
Concen: 2.393 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.018 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 75 Resp: 153

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

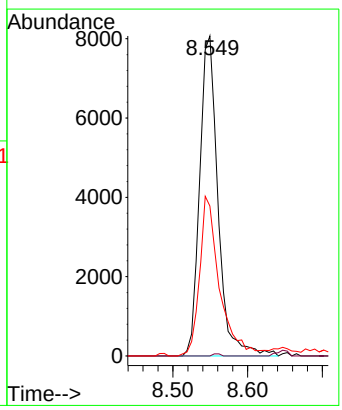


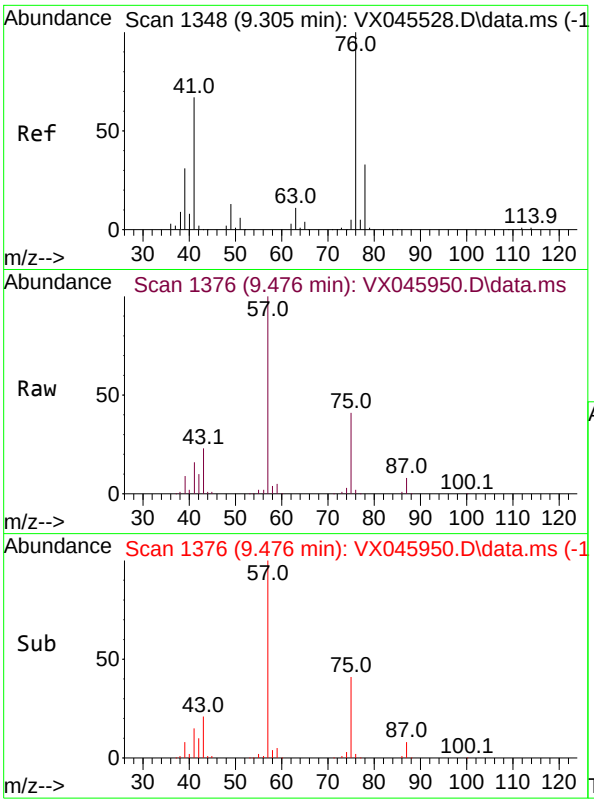


#54
cis-1,3-Dichloropropene
Concen: 10.010 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 75 Resp: 13765

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	46.9	48.4	72.6#



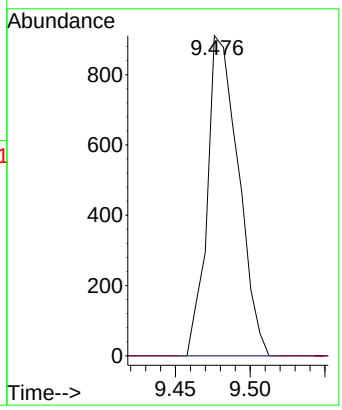


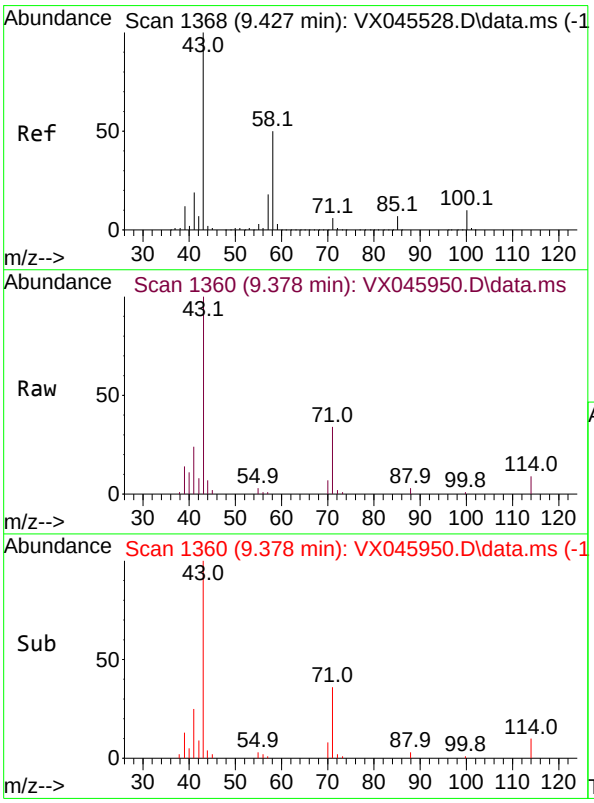
#57
1,3-Dichloropropane
Concen: 0.822 ug/l
RT: 9.476 min Scan# 1
Delta R.T. 0.171 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 76 Resp: 1321

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#

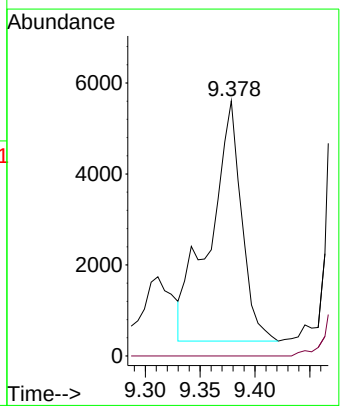


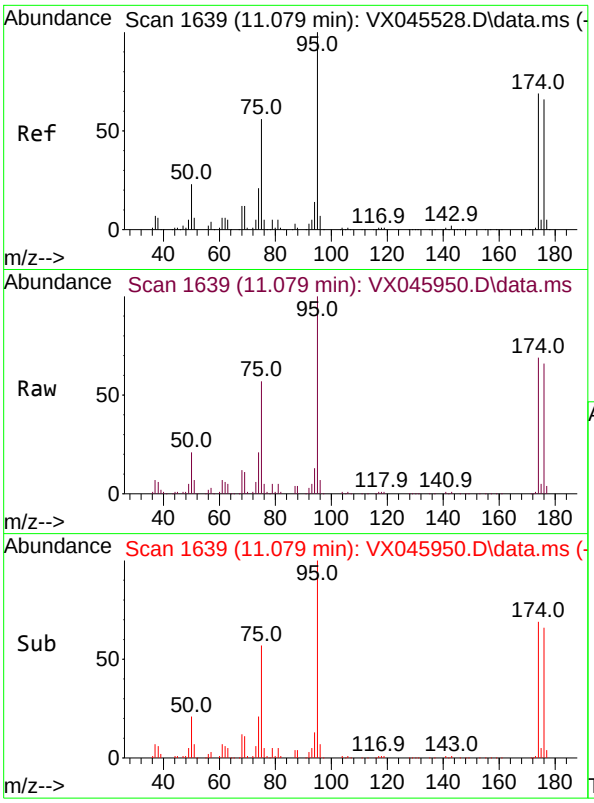


#59
2-Hexanone
Concen: 9.016 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 43 Resp: 10590

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.9	74.6#



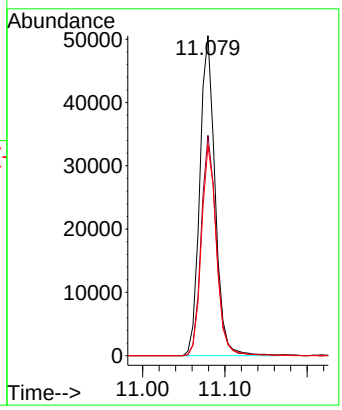


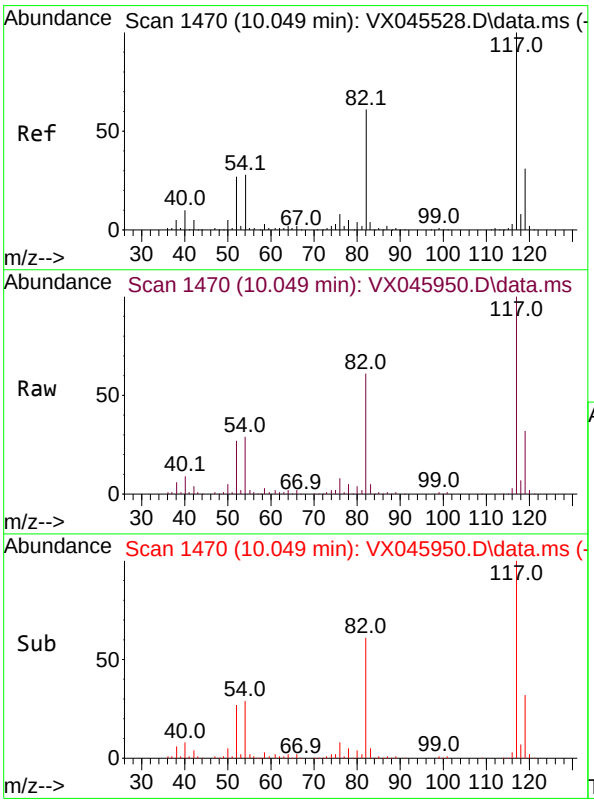
#62
4-Bromofluorobenzene
Concen: 55.334 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 95 Resp: 65267

Ion	Ratio	Lower	Upper
95	100		
174	68.2	0.0	135.8
176	64.8	0.0	131.4

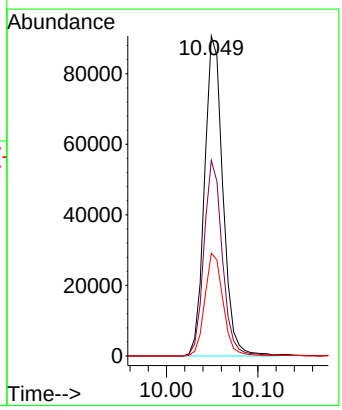


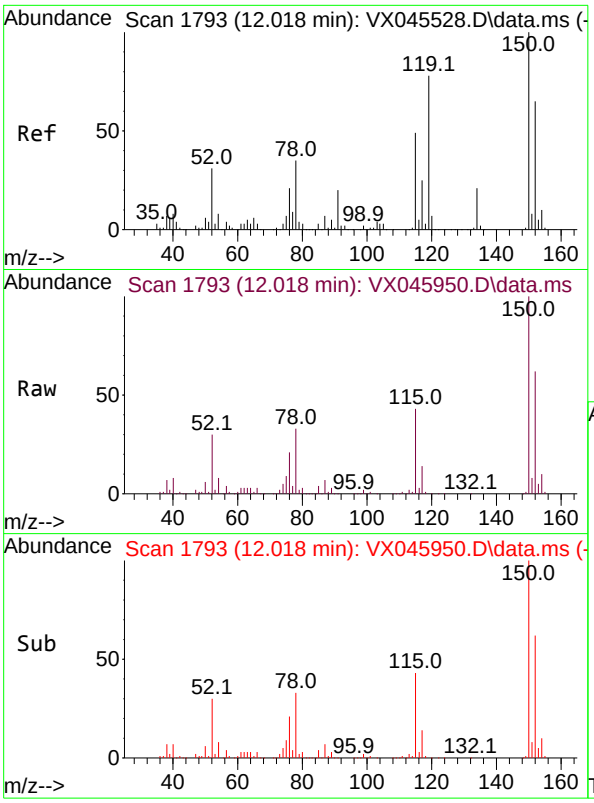


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion:117 Resp: 126174

Ion	Ratio	Lower	Upper
117	100		
82	61.1	49.2	73.8
119	32.1	25.1	37.7



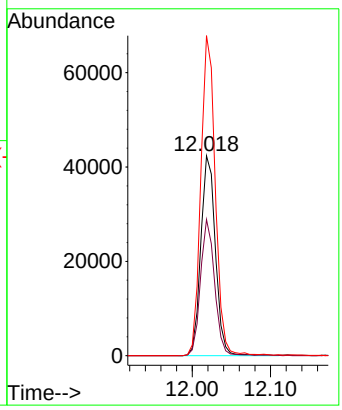


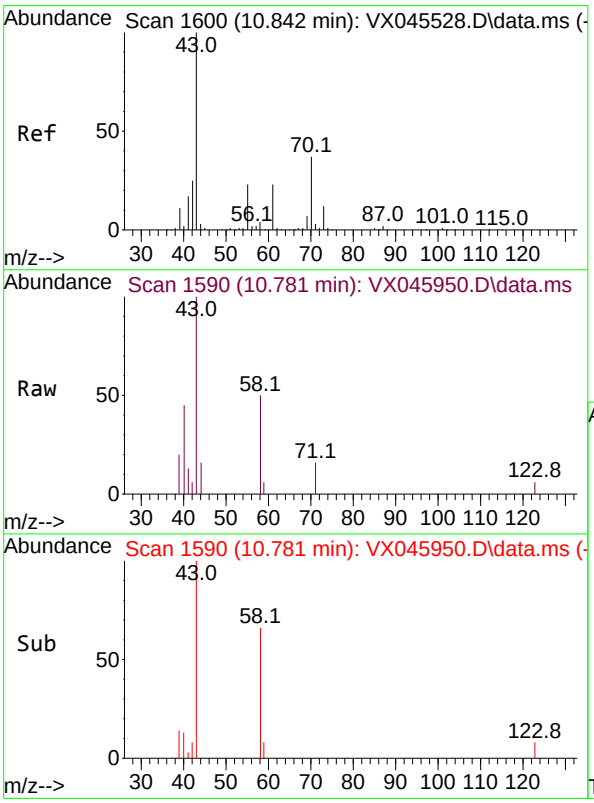
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion:152 Resp: 54946

Ion	Ratio	Lower	Upper
152	100		
115	66.2	46.9	140.7
150	158.8	0.0	349.4

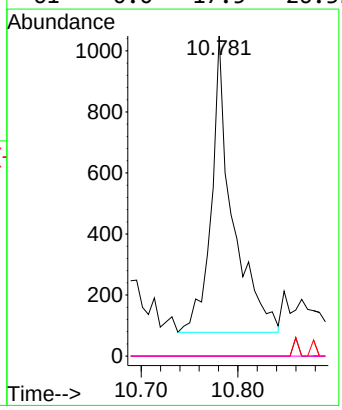


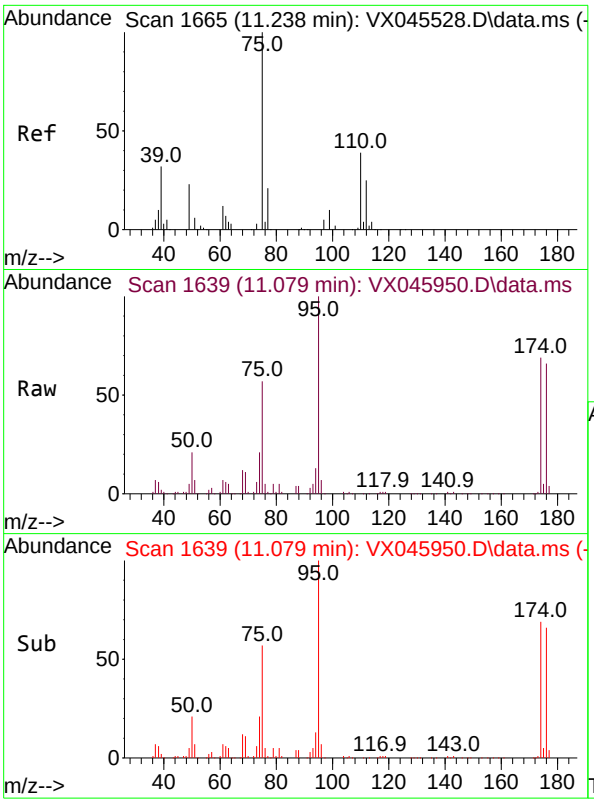


#74
N-amyl acetate
Concen: 0.689 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.061 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 43 Resp: 1451

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.1	45.1#
55	0.0	18.3	27.5#
61	0.0	17.5	26.3#



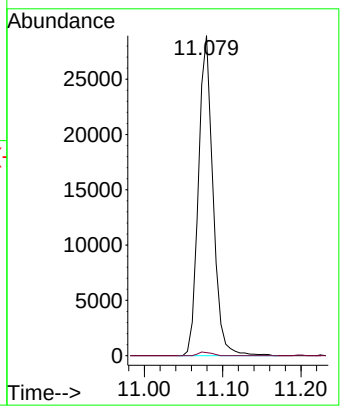


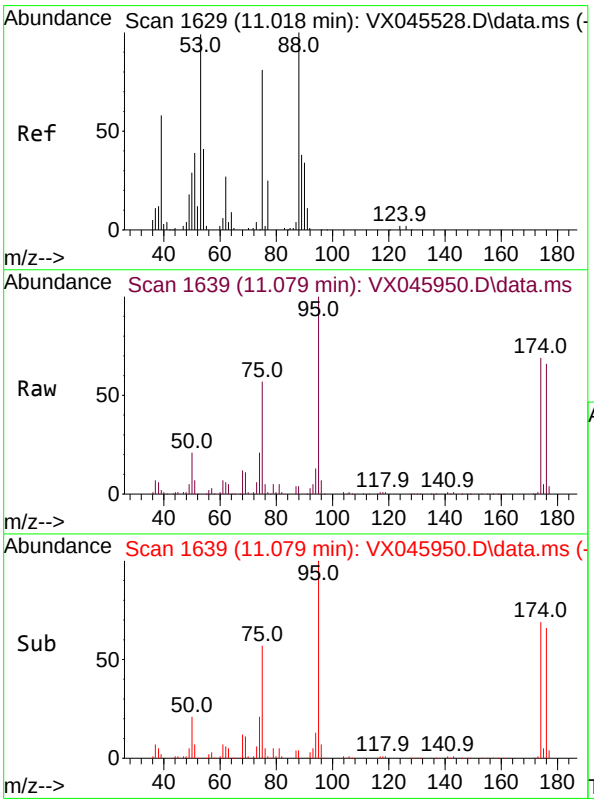
#76
1,2,3-Trichloropropane
Concen: 27.892 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion: 75 Resp: 37382

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.0	59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 94.660 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 75 Resp: 37382

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.8	152.6#
89	0.0	37.2	55.8#