Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
Data File : VX032017.D
Acq On : 10 Oct 2022 17:04
Operator : JC/MD
Sample : N4937-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Quant Time: Oct 11 05:13:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

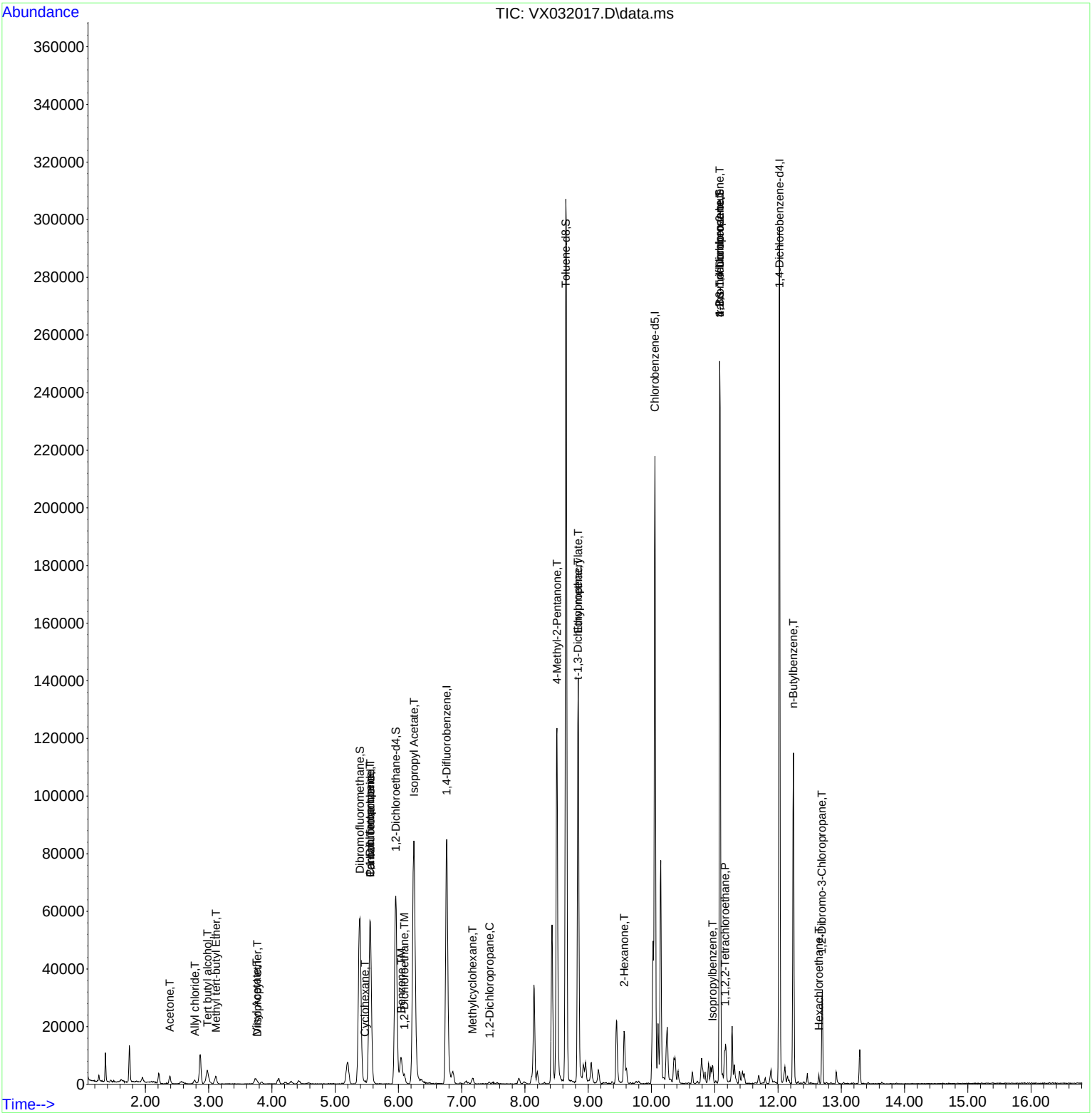
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	54200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	87893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62459	55.800	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.600%			
35) Dibromofluoromethane	5.391	113	49867	50.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	8.647	98	182008	50.840	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.680%			
62) 4-Bromofluorobenzene	11.079	95	62341	49.257	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.520%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	273	Below Cal		99
11) Tert butyl alcohol	2.983	59	6545	46.997	ug/l	96
13) Acrolein	2.209	56	52	Below Cal	#	1
14) Allyl chloride	2.782	41	372	0.317	ug/l #	72
16) Acetone	2.386	43	3202	8.417	ug/l #	82
19) Methyl tert-butyl Ether	3.117	73	2108	0.761	ug/l #	79
22) Diisopropyl ether	3.770	45	1117	0.423	ug/l #	70
23) Vinyl Acetate	3.757	43	720	0.365	ug/l #	71
31) Cyclohexane	5.471	56	557	0.417	ug/l	97
36) 1,1-Dichloropropene	5.550	75	4340	3.290	ug/l #	48
38) Carbon Tetrachloride	5.556	117	5973	4.428	ug/l #	16
39) Methylcyclohexane	7.172	83	421	0.268	ug/l #	17
40) Benzene	6.044	78	10933	2.830	ug/l	99
42) 1,2-Dichloroethane	6.092	62	3329	2.365	ug/l	97
43) Isopropyl Acetate	6.245	43	19219	10.199	ug/l #	63
45) 1,2-Dichloropropane	7.440	63	267	0.281	ug/l #	41
51) 4-Methyl-2-Pentanone	8.507	43	11117	8.902	ug/l #	64
53) t-1,3-Dichloropropene	8.836	75	27	1.227	ug/l #	1
56) Ethyl methacrylate	8.842	69	21176	15.496	ug/l #	83
59) 2-Hexanone	9.567	43	2397	2.603	ug/l	67
73) Isopropylbenzene	10.964	105	2371	0.538	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.165	83	648	0.463	ug/l #	35
76) 1,2,3-Trichloropropane	11.079	75	33064	27.621	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33064	94.561	ug/l #	11
89) n-Butylbenzene	12.244	91	7249	2.297	ug/l #	52
90) Hexachloroethane	12.646	117	1169	3.208	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.695	75	247	0.964	ug/l #	3

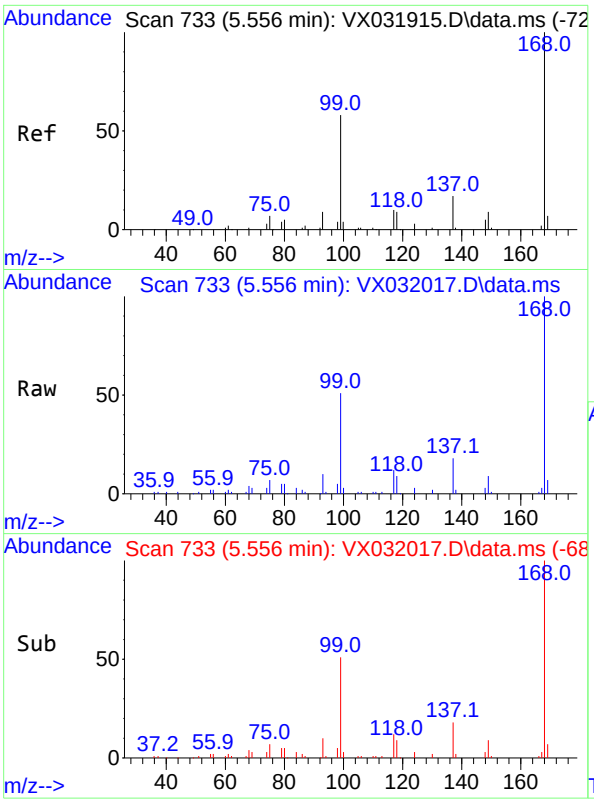
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
Data File : VX032017.D
Acq On : 10 Oct 2022 17:04
Operator : JC/MD
Sample : N4937-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Quant Time: Oct 11 05:13:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration



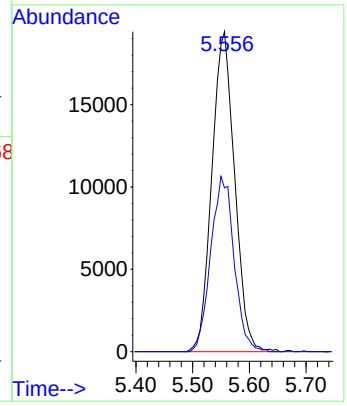


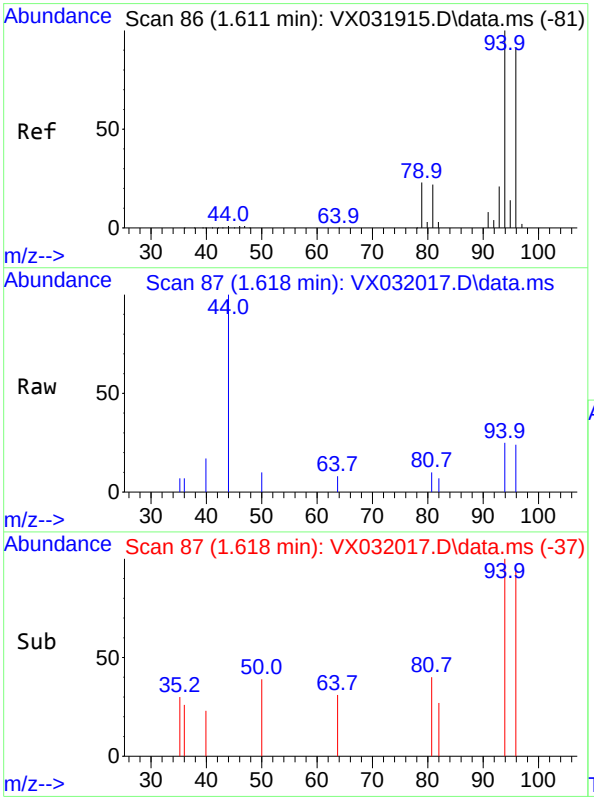
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion:168 Resp: 54200

Ion	Ratio	Lower	Upper
168	100		
99	51.2	48.8	73.2

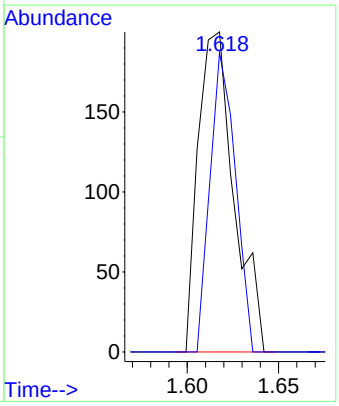


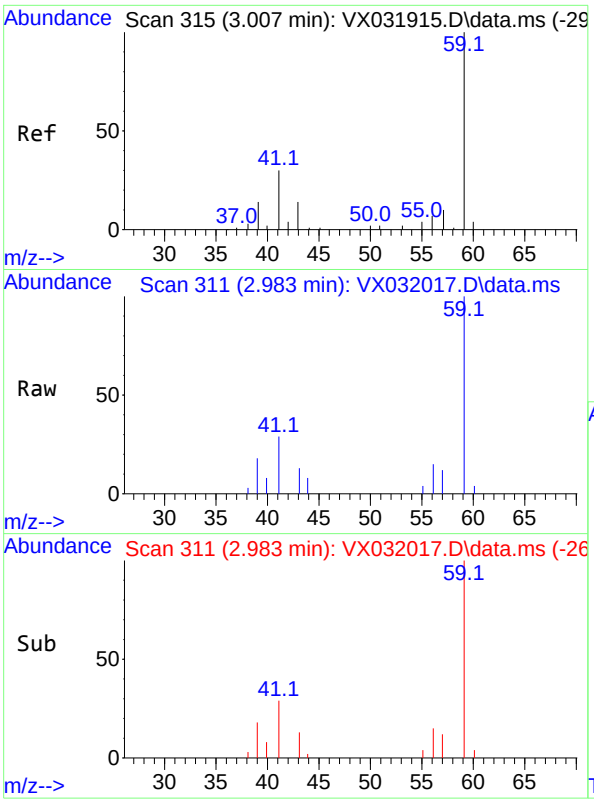


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 94 Resp: 273

Ion	Ratio	Lower	Upper
94	100		
96	93.5	74.4	111.6



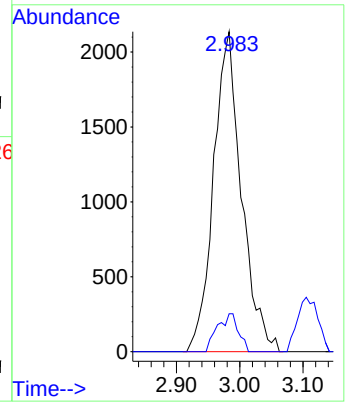


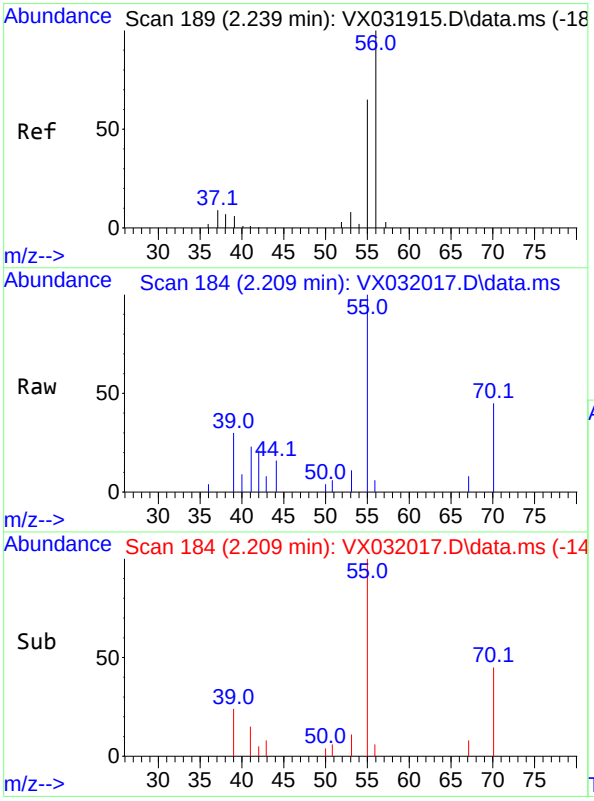
#11
Tert butyl alcohol
Concen: 46.997 ug/l
RT: 2.983 min Scan# 3
Delta R.T. -0.024 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 59 Resp: 6545

Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.2	12.2

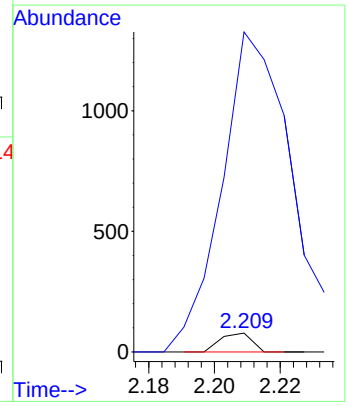


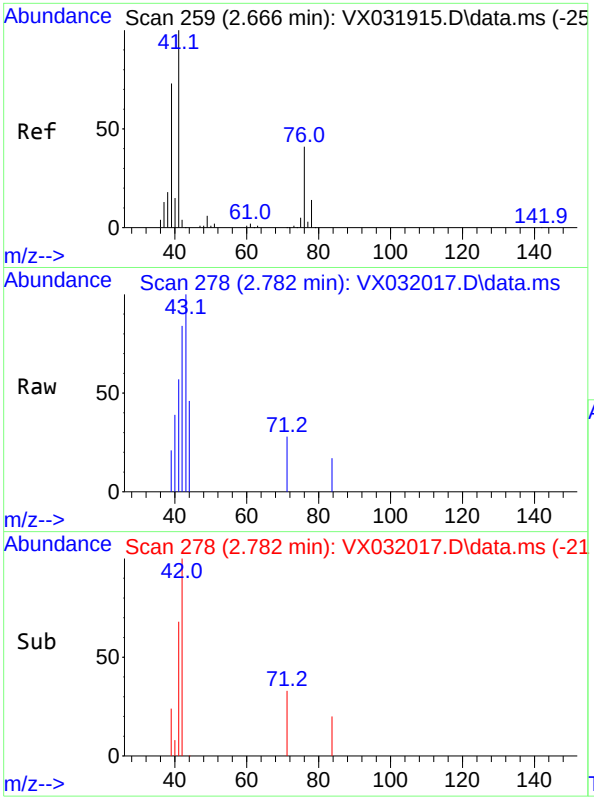


#13
Acrolein
Concen: Below Cal
RT: 2.209 min Scan# 184
Delta R.T. -0.030 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 56 Resp: 52

Ion	Ratio	Lower	Upper
56	100		
55	3784.6	56.0	84.0#



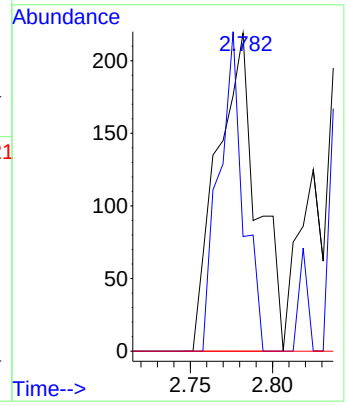


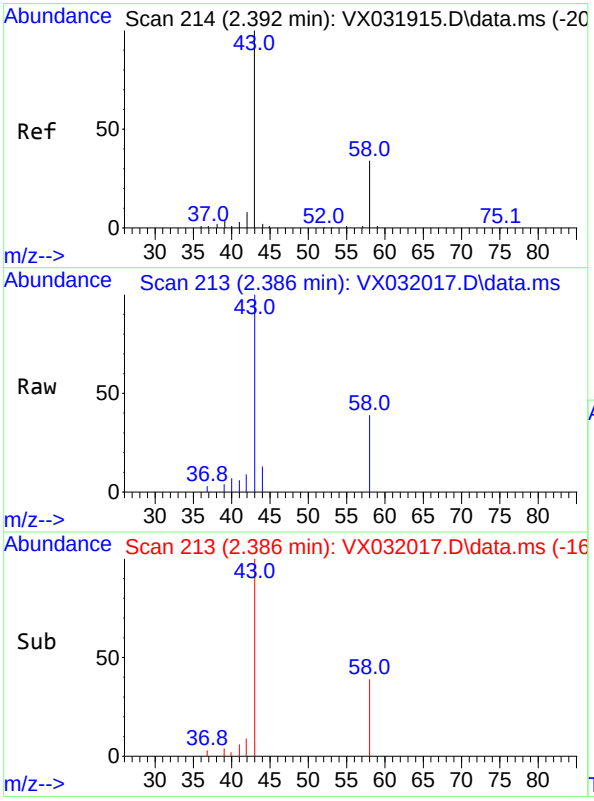
#14
Allyl chloride
Concen: 0.317 ug/l
RT: 2.782 min Scan# 2
Delta R.T. 0.116 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 41 Resp: 372

Ion	Ratio	Lower	Upper
41	100		
39	60.8	58.2	87.4
76	0.0	26.9	40.3#

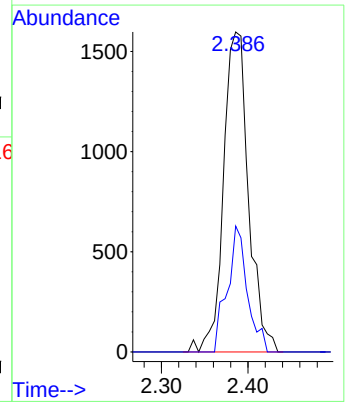


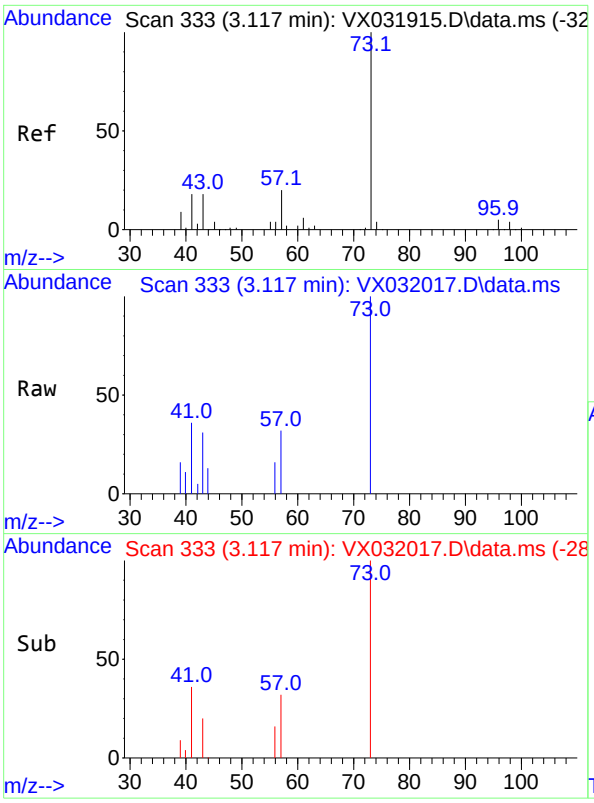


#16
Acetone
Concen: 8.417 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 43 Resp: 3202

Ion	Ratio	Lower	Upper
43	100		
58	39.3	23.8	35.8#



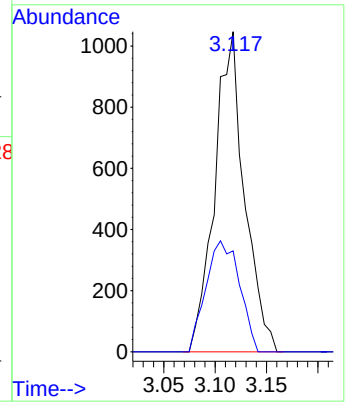


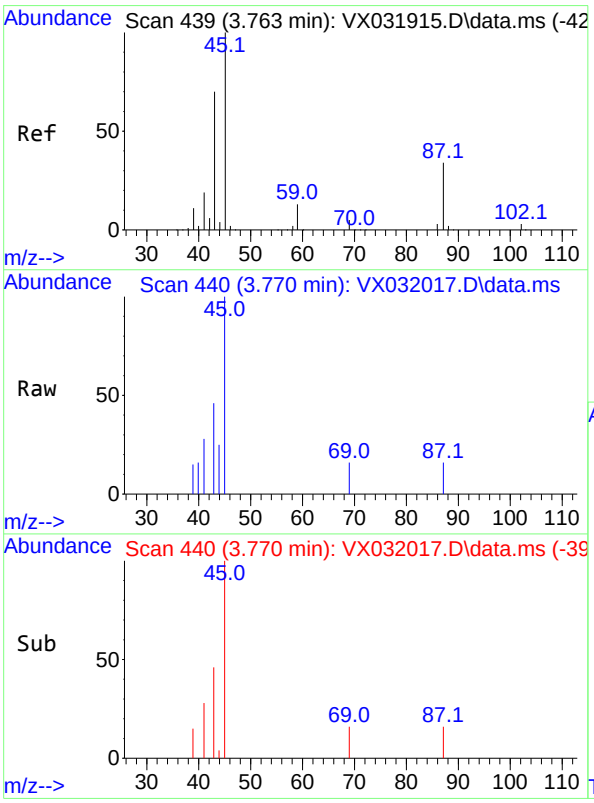
#19
Methyl tert-butyl Ether
Concen: 0.761 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 73 Resp: 2108

Ion	Ratio	Lower	Upper
73	100		
57	31.5	17.2	25.8#

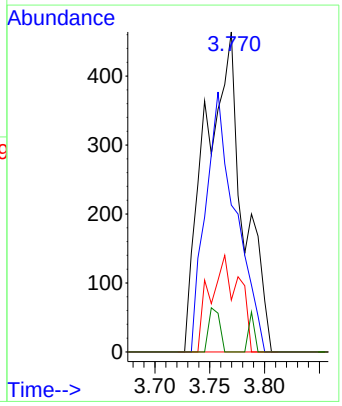


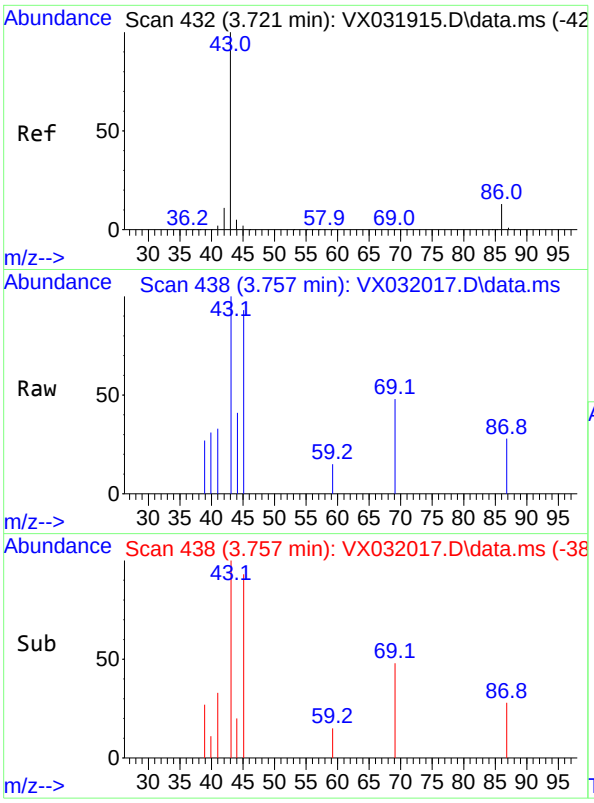


#22
Diisopropyl ether
Concen: 0.423 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 45 Resp: 1117

Ion	Ratio	Lower	Upper
45	100		
43	45.9	59.0	88.6#
87	16.2	22.6	33.8#
59	0.0	8.8	13.2#



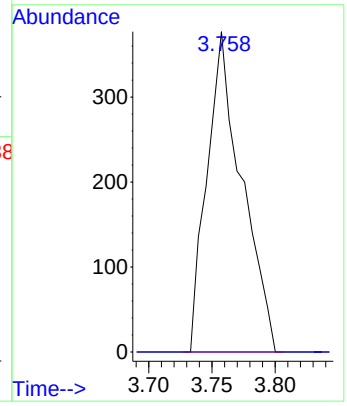


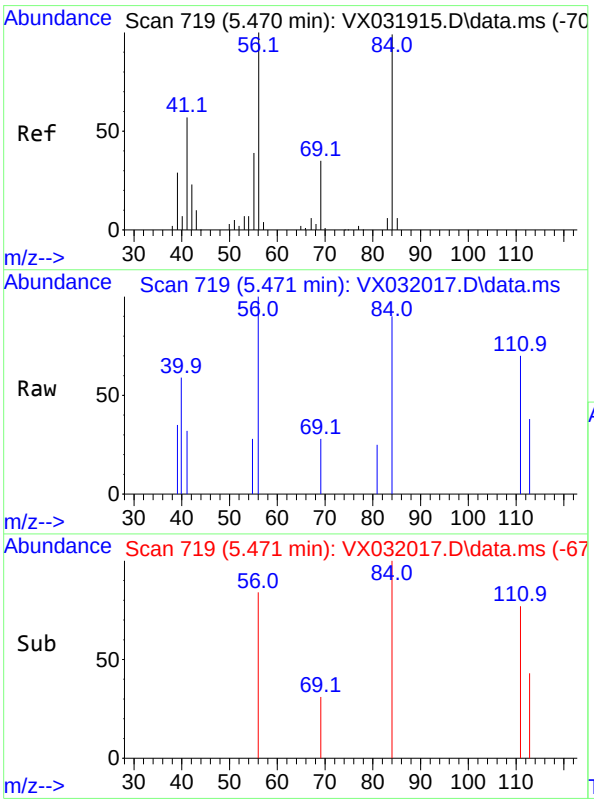
#23
Vinyl Acetate
Concen: 0.365 ug/l
RT: 3.757 min Scan# 4
Delta R.T. 0.036 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 43 Resp: 720

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.7	13.1#

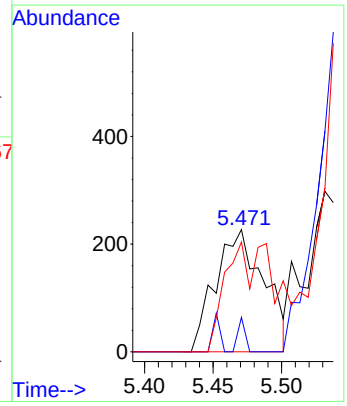


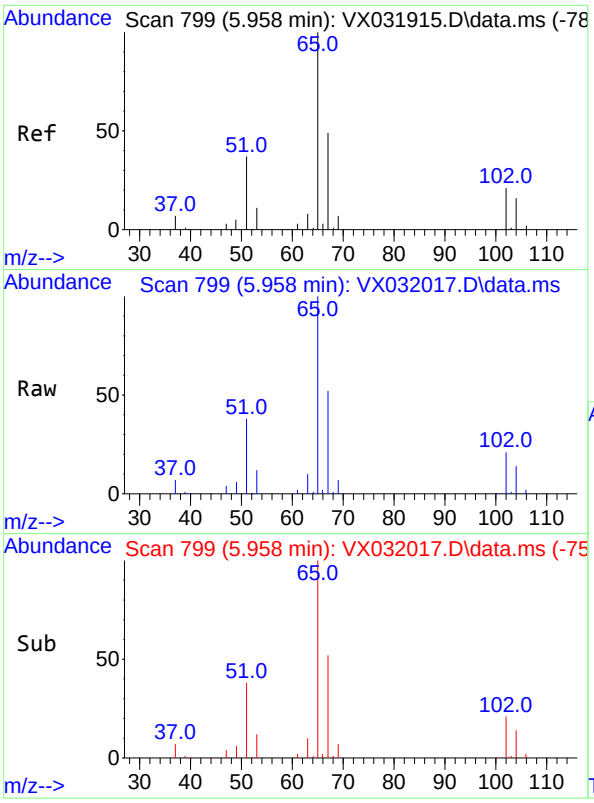


#31
Cyclohexane
Concen: 0.417 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 56 Resp: 557

Ion	Ratio	Lower	Upper
56	100		
69	28.2	25.1	37.7
84	89.9	70.2	105.4



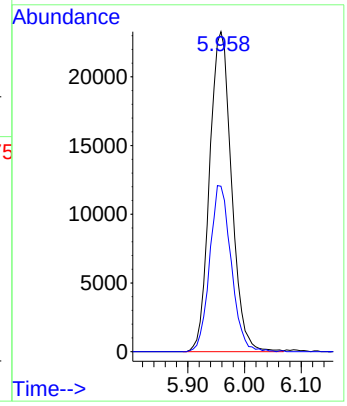


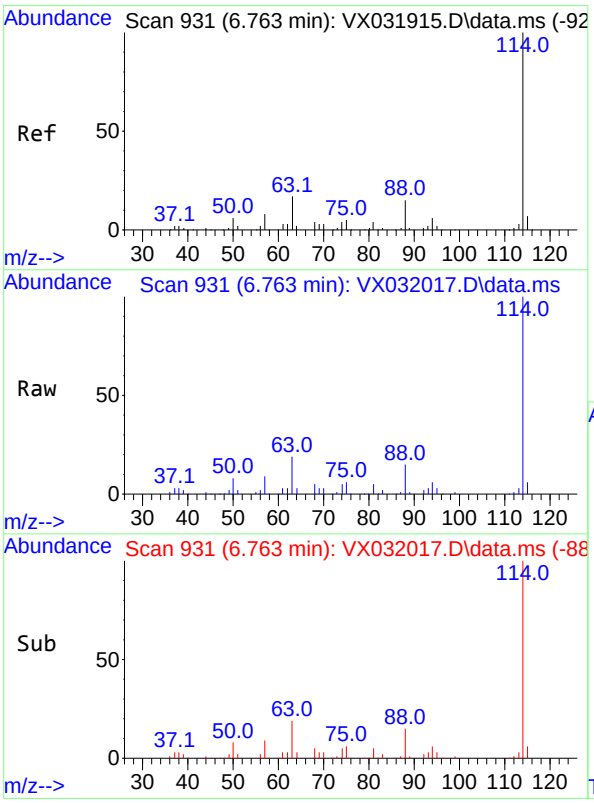
#33
1,2-Dichloroethane-d4
Concen: 55.800 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 65 Resp: 62459

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.4

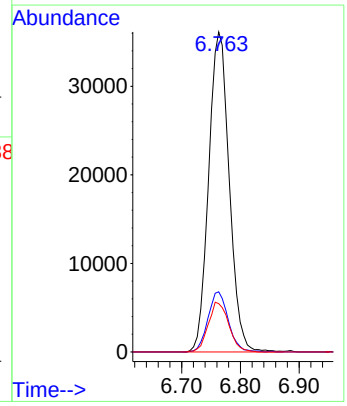


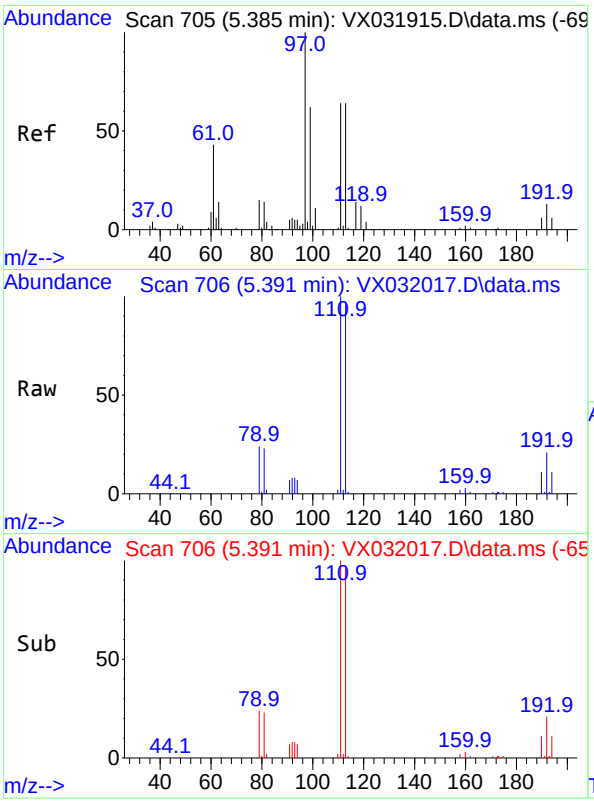


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion:114 Resp: 87893

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	42.6
88	15.1	0.0	33.0



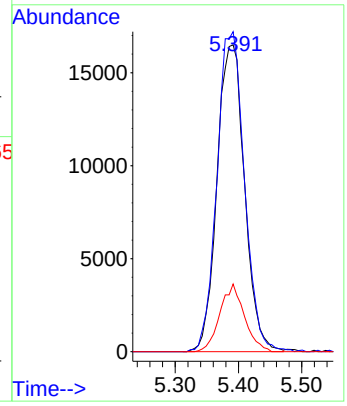


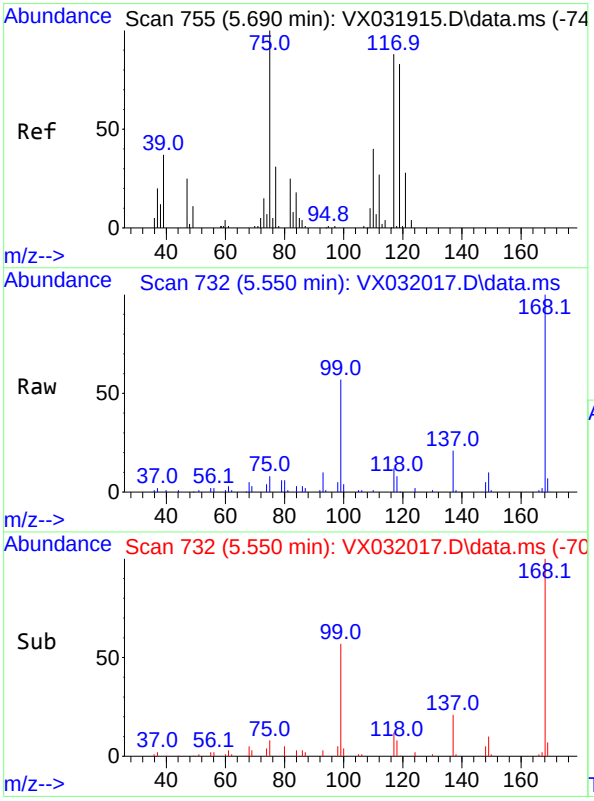
#35
Dibromofluoromethane
Concen: 50.123 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion:113 Resp: 49867

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.4	123.6
192	19.6	14.1	21.1

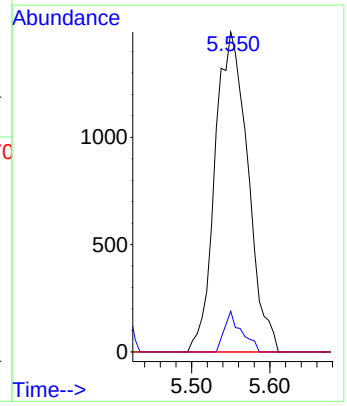


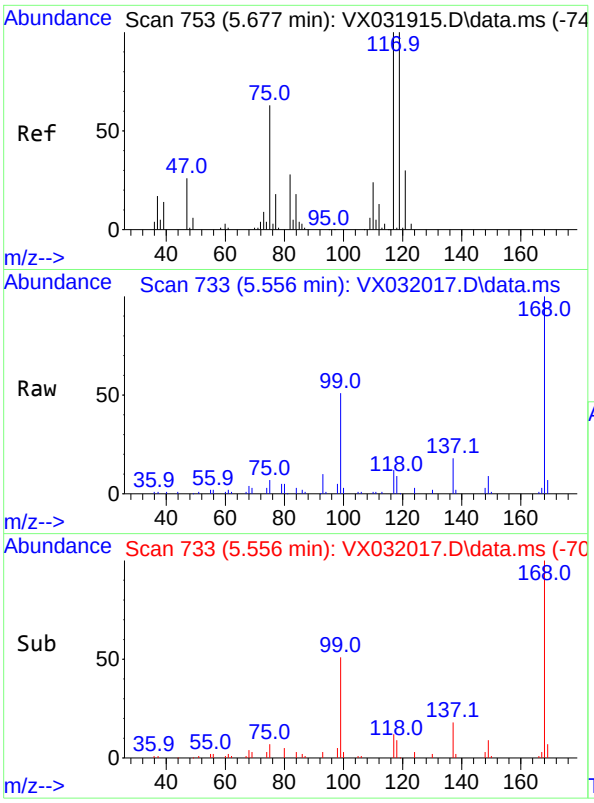


#36
1,1-Dichloropropene
Concen: 3.290 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 75 Resp: 4340

Ion	Ratio	Lower	Upper
75	100		
110	6.6	17.5	52.5#
77	0.0	24.9	37.3#



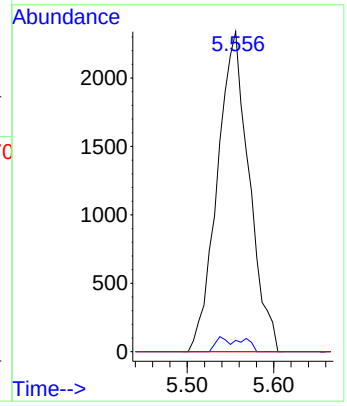


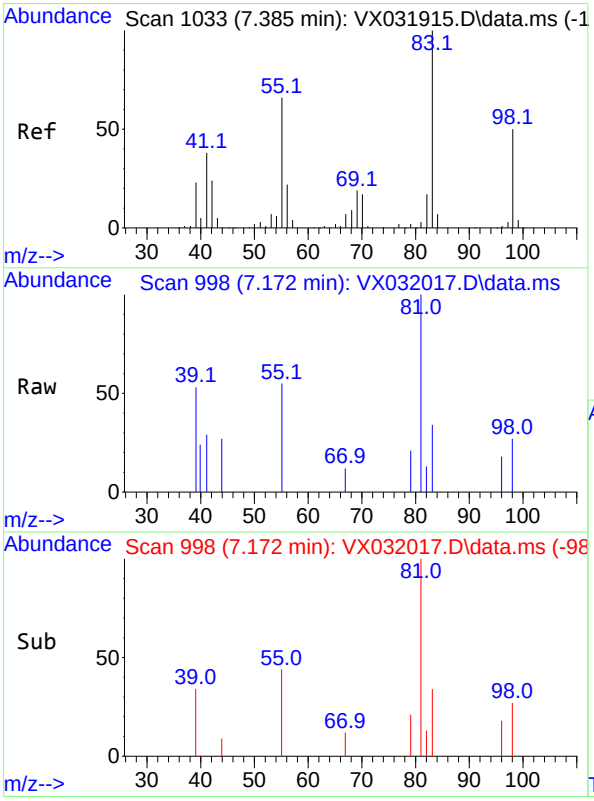
#38
Carbon Tetrachloride
Concen: 4.428 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.121 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion:117 Resp: 5973

Ion	Ratio	Lower	Upper
117	100		
119	3.5	74.6	112.0#
121	0.0	25.3	37.9#

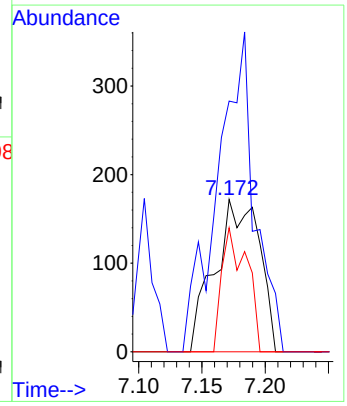


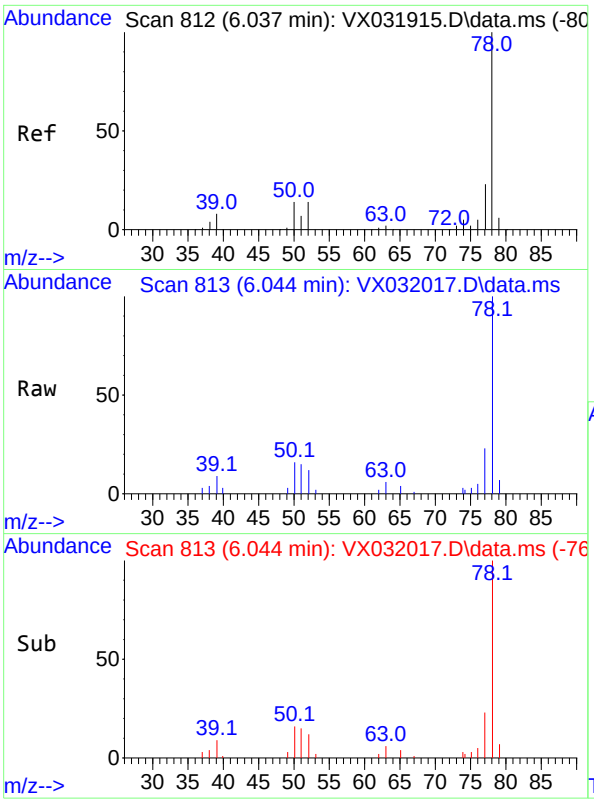


#39
Methylcyclohexane
Concen: 0.268 ug/l
RT: 7.172 min Scan# 998
Delta R.T. -0.213 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 83 Resp: 421

Ion	Ratio	Lower	Upper
83	100		
55	164.5	61.0	91.4#
98	81.4	37.7	56.5#



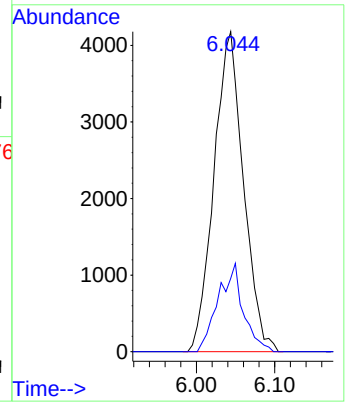


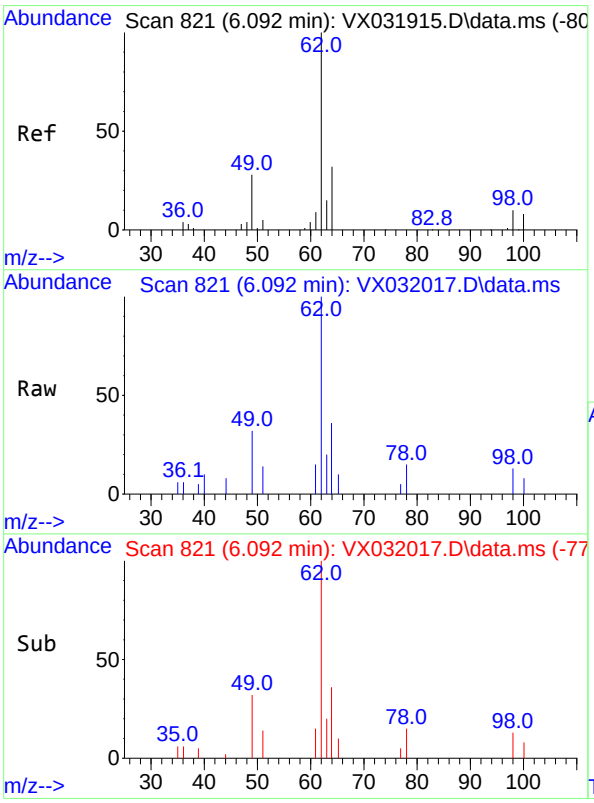
#40
Benzene
Concen: 2.830 ug/l
RT: 6.044 min Scan# 8
Delta R.T. 0.007 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 78 Resp: 10933

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.7	28.1

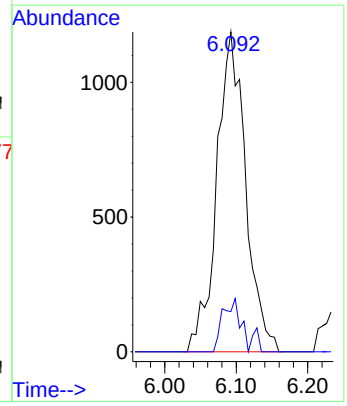


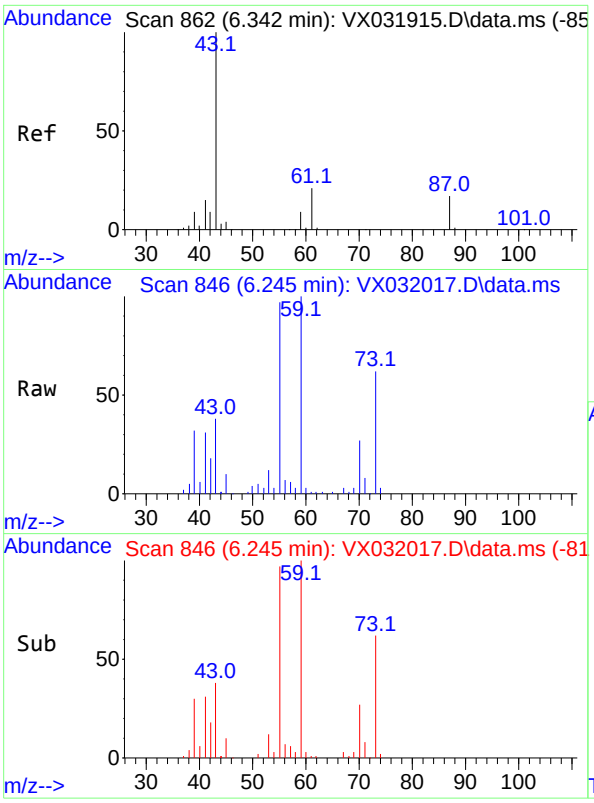


#42
1,2-Dichloroethane
Concen: 2.365 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 62 Resp: 3329

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	17.8



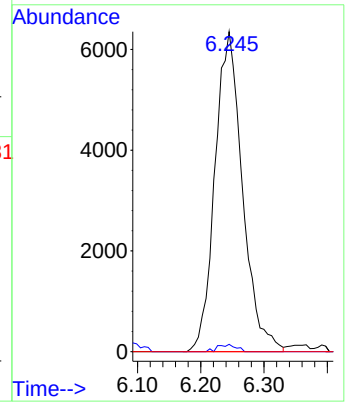


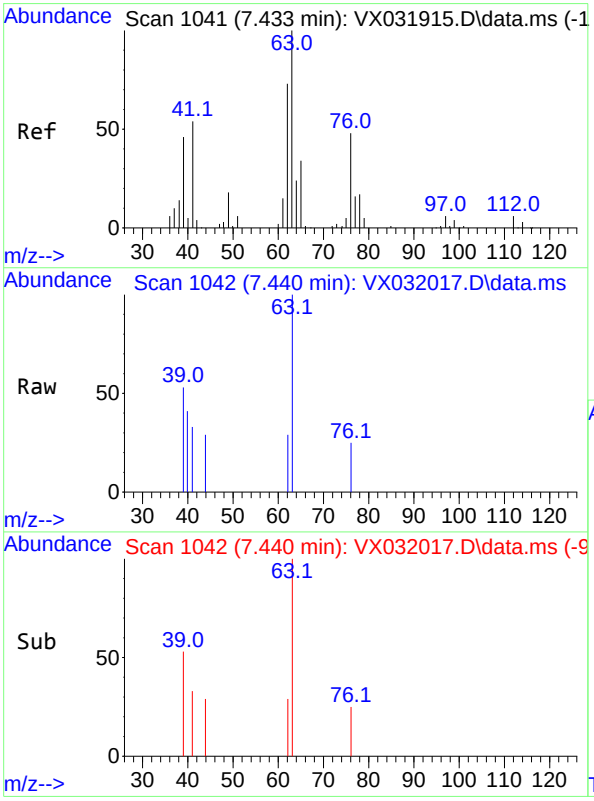
#43
Isopropyl Acetate
Concen: 10.199 ug/l
RT: 6.245 min Scan# 84
Delta R.T. -0.097 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 43 Resp: 19219

Ion	Ratio	Lower	Upper
43	100		
61	1.5	15.3	22.9#
87	0.0	10.6	15.8#

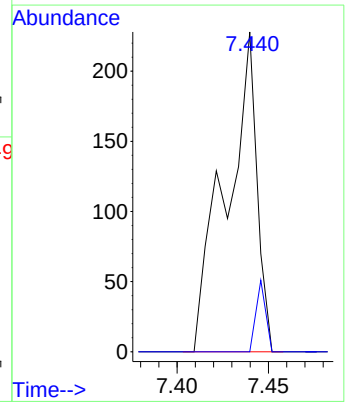


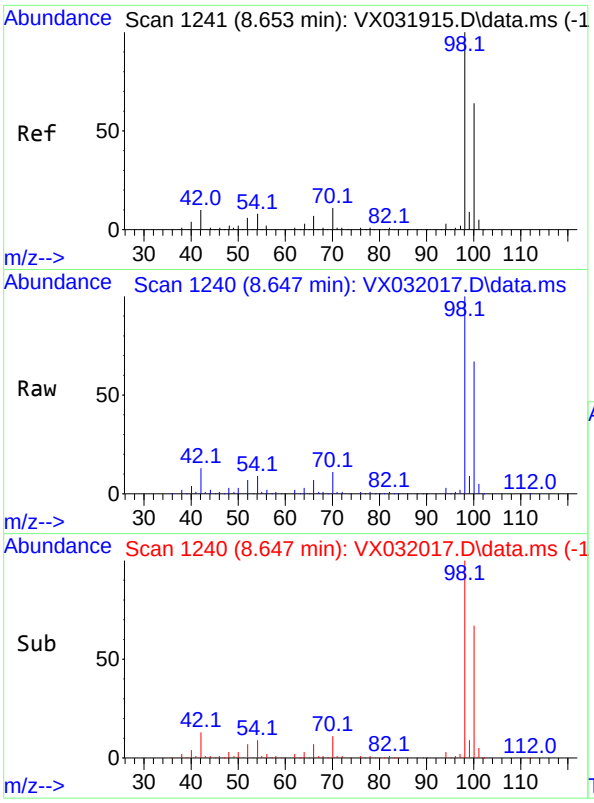


#45
1,2-Dichloropropane
Concen: 0.281 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.007 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 63 Resp: 267

Ion	Ratio	Lower	Upper
63	100		
65	0.0	26.6	39.8#



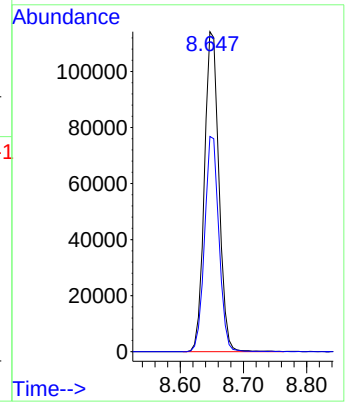


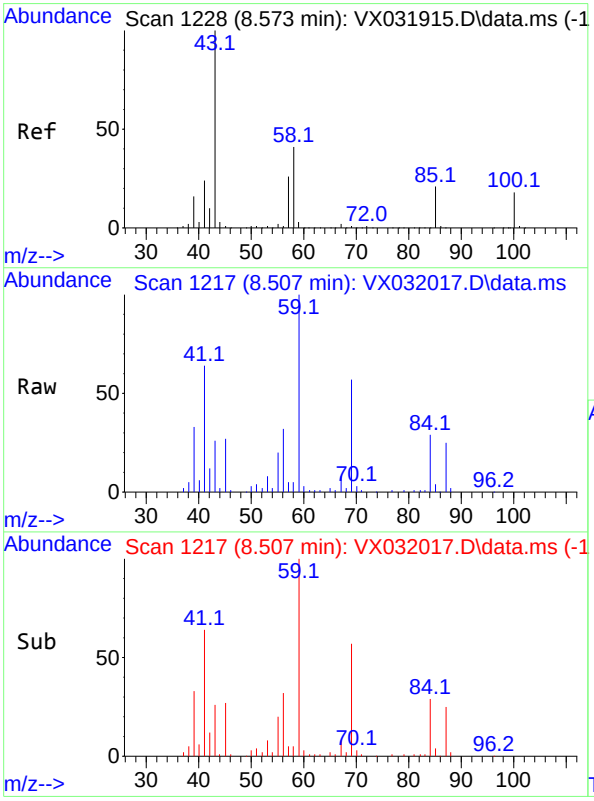
#50
Toluene-d8
Concen: 50.840 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 98 Resp: 182008

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.5	78.7

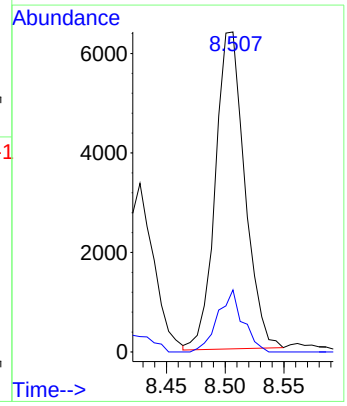


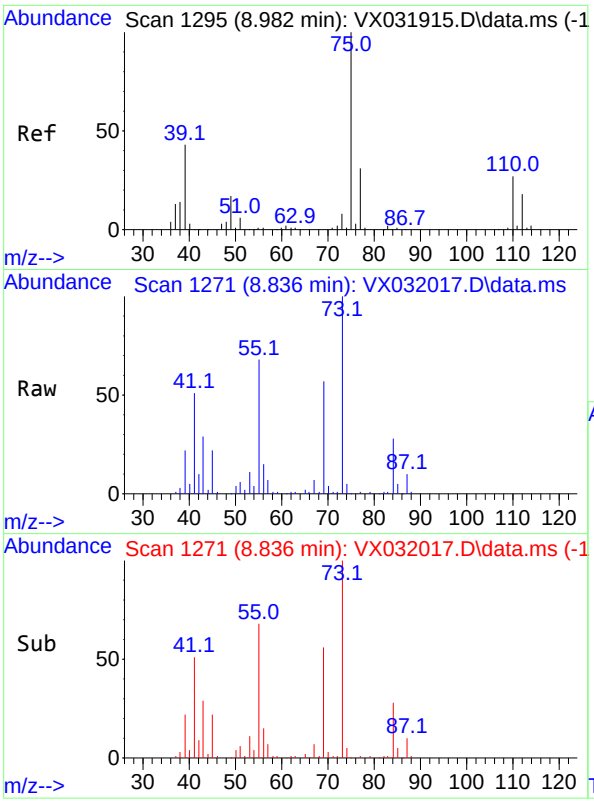


#51
4-Methyl-2-Pentanone
Concen: 8.902 ug/l
RT: 8.507 min Scan# 1217
Delta R.T. -0.066 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 43 Resp: 11117

Ion	Ratio	Lower	Upper
43	100		
58	16.7	30.6	46.0#



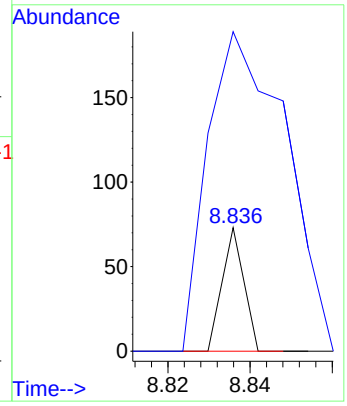


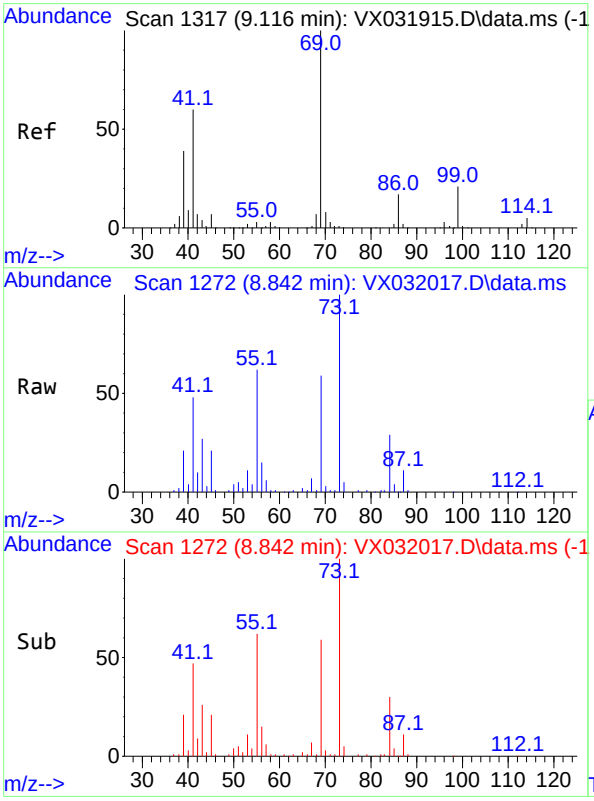
#53
t-1,3-Dichloropropene
Concen: 1.227 ug/l
RT: 8.836 min Scan# 1
Delta R.T. -0.146 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 75 Resp: 27

Ion	Ratio	Lower	Upper
75	100		
77	258.9	24.8	37.2#

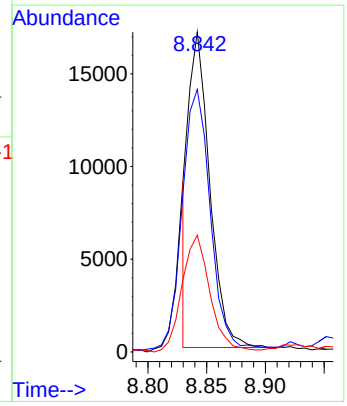


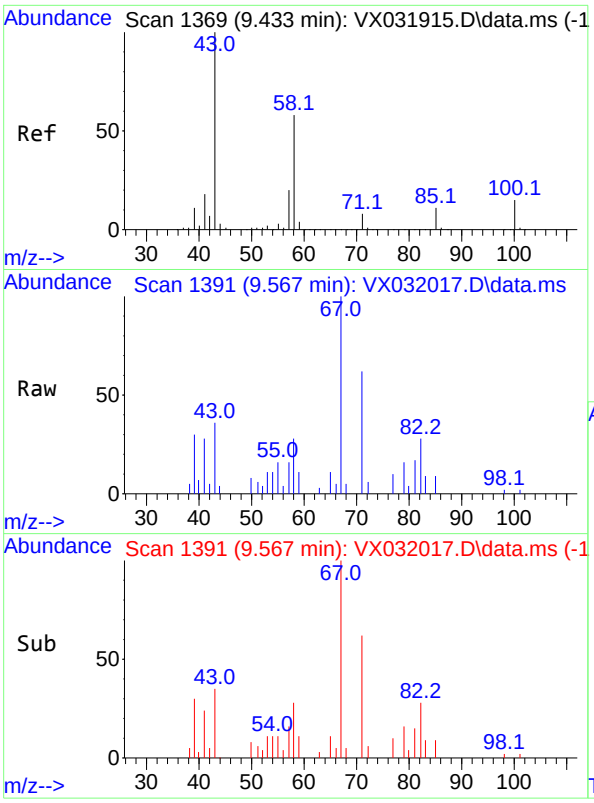


#56
Ethyl methacrylate
Concen: 15.496 ug/l
RT: 8.842 min Scan# 1272
Delta R.T. -0.274 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 69 Resp: 21176

Ion	Ratio	Lower	Upper
69	100		
41	84.8	54.2	81.4#
39	36.6	34.2	51.2



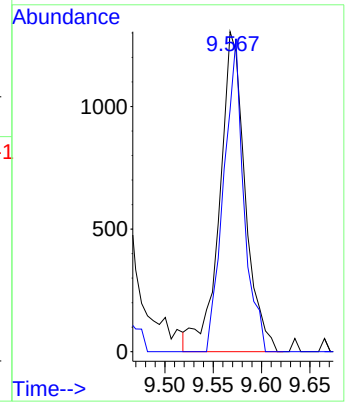


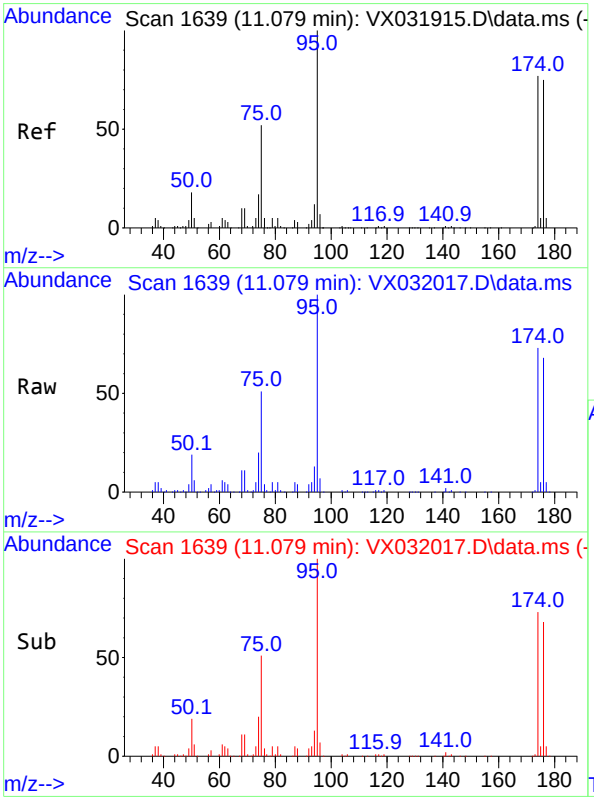
#59
2-Hexanone
Concen: 2.603 ug/l
RT: 9.567 min Scan# 1
Delta R.T. 0.134 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 43 Resp: 2397

Ion	Ratio	Lower	Upper
43	100		
58	77.0	26.7	80.0

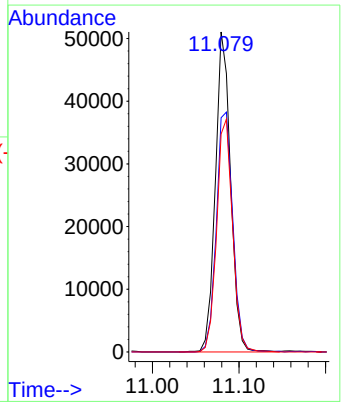


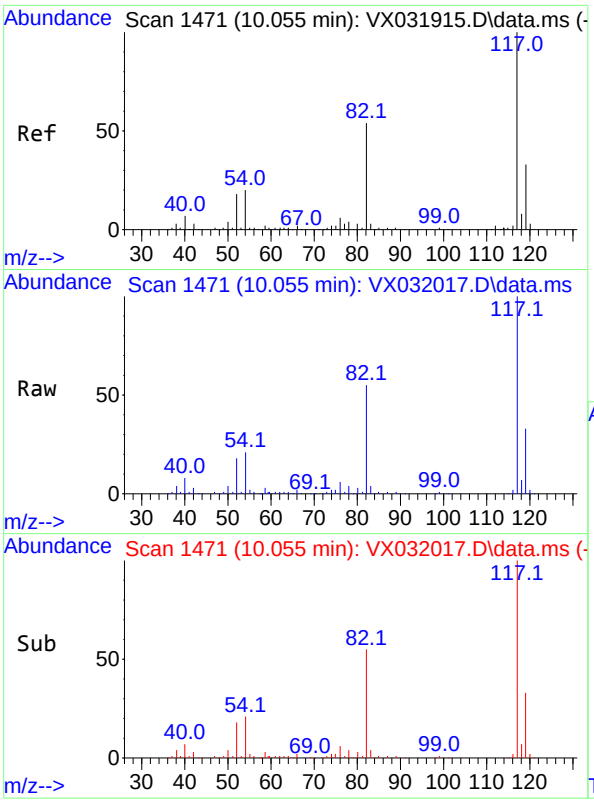


#62
4-Bromofluorobenzene
Concen: 49.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 95 Resp: 62341

Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	153.2
176	75.7	0.0	144.0



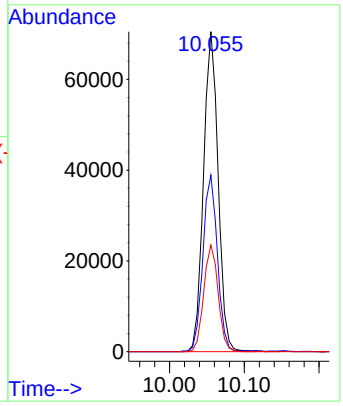


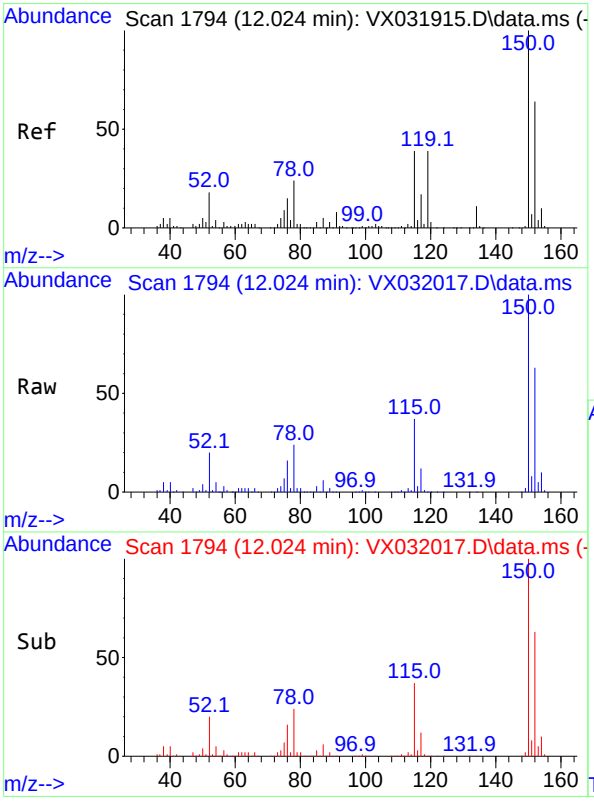
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion:117 Resp: 95668

Ion	Ratio	Lower	Upper
117	100		
82	55.2	46.8	70.2
119	33.3	26.4	39.6

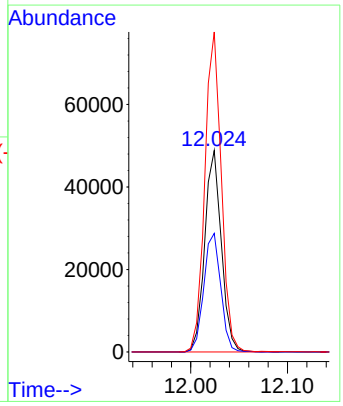


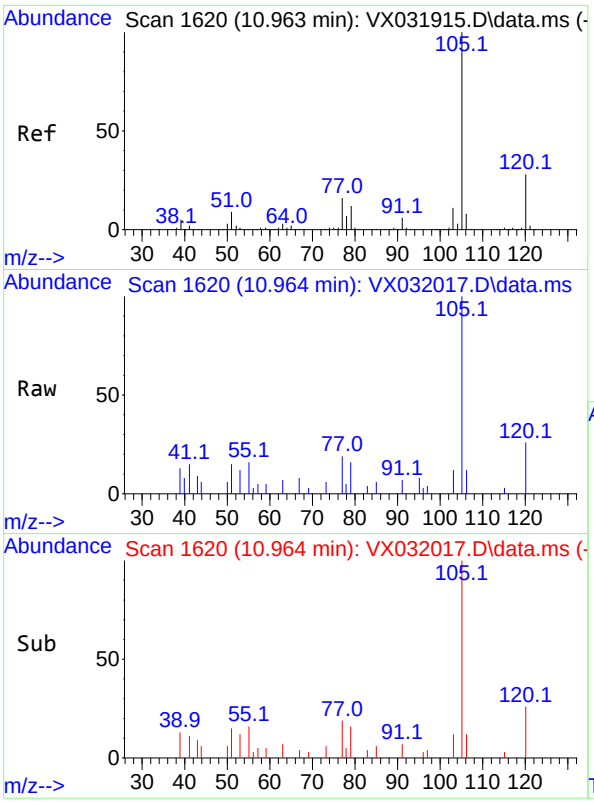


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion:152 Resp: 58408

Ion	Ratio	Lower	Upper
152	100		
115	60.0	43.4	130.1
150	157.7	0.0	346.8



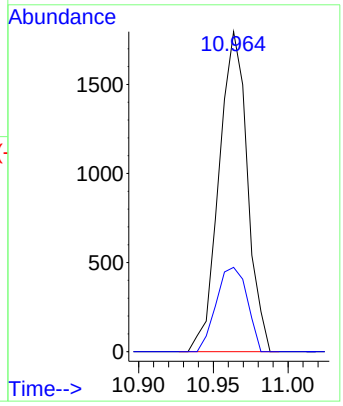


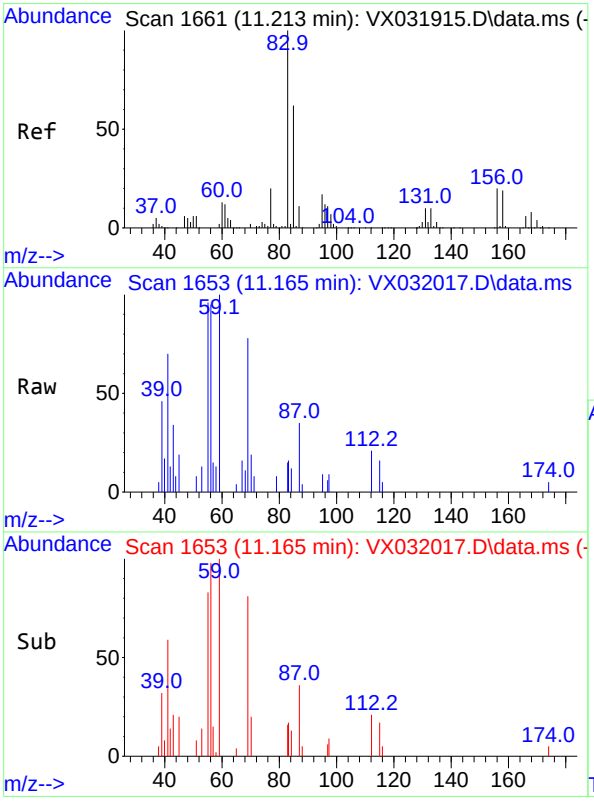
#73
Isopropylbenzene
Concen: 0.538 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion:105 Resp: 2371

Ion	Ratio	Lower	Upper
105	100		
120	28.7	13.7	41.0

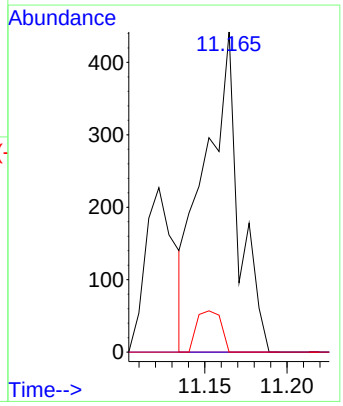


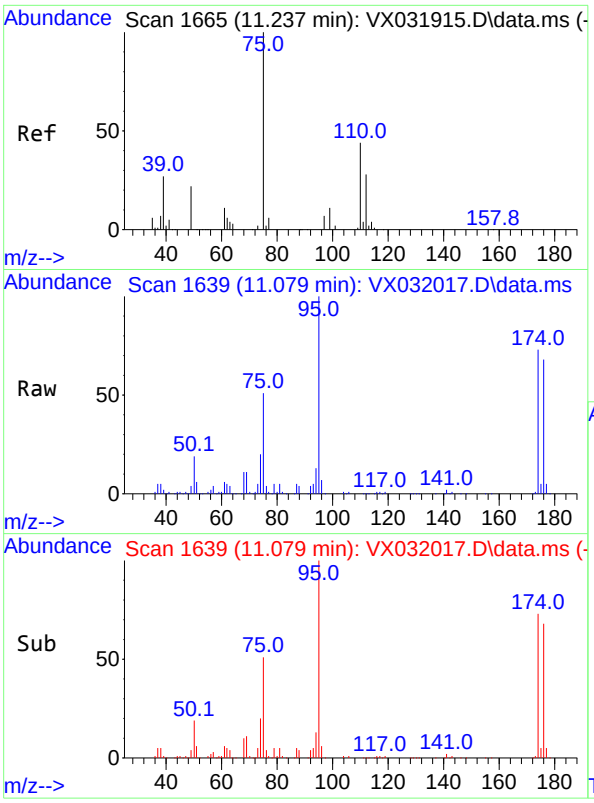


#75
1,1,2,2-Tetrachloroethane
Concen: 0.463 ug/l
RT: 11.165 min Scan# 1653
Delta R.T. -0.048 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 83 Resp: 648

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	9.1	32.6	97.8#



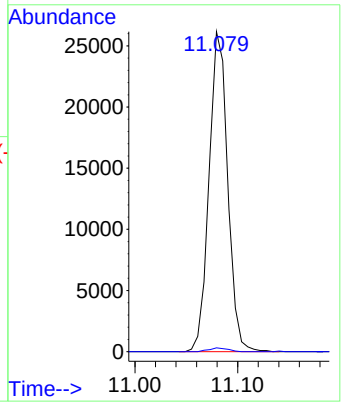


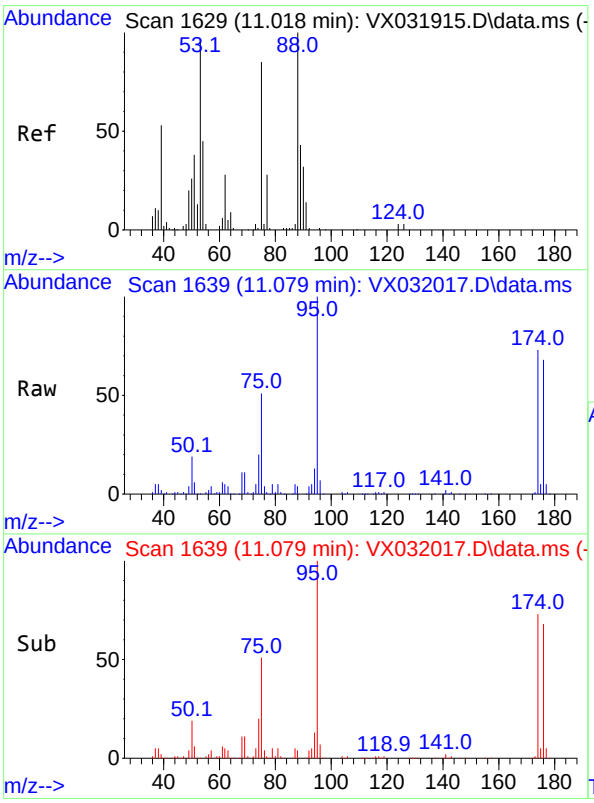
#76
1,2,3-Trichloropropane
Concen: 27.621 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 75 Resp: 33064

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.3	60.9#

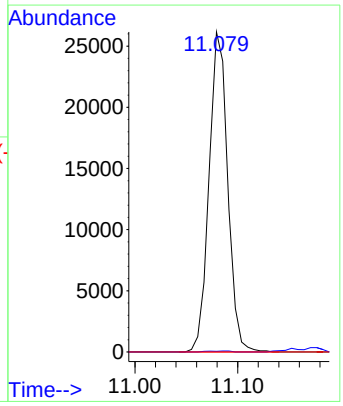


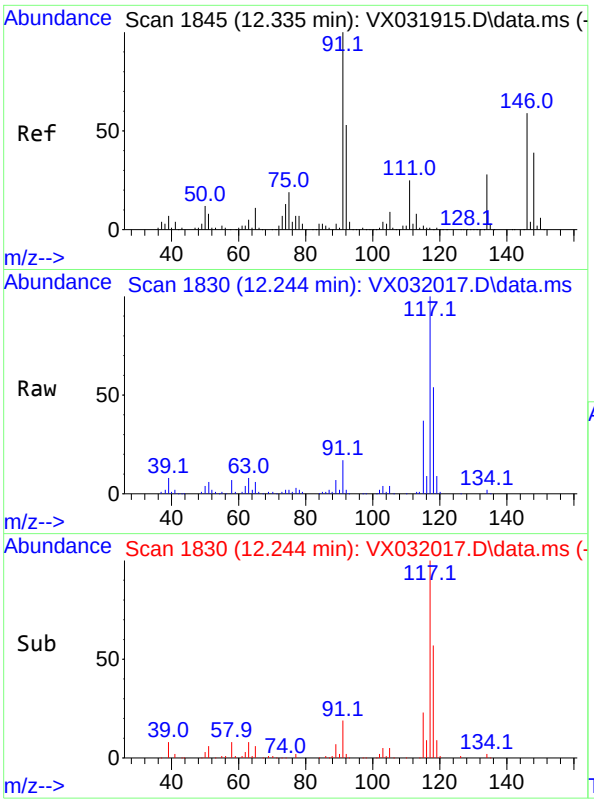


#81
trans-1,4-Dichloro-2-butene
Concen: 94.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 75 Resp: 33064

Ion	Ratio	Lower	Upper
75	100		
53	0.4	77.6	116.4#
89	0.0	37.4	56.0#



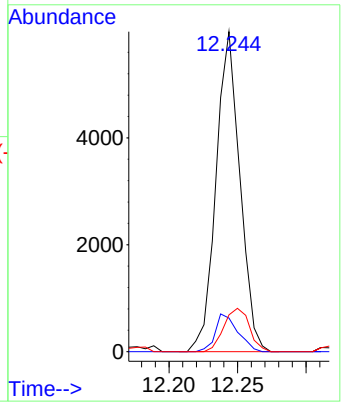


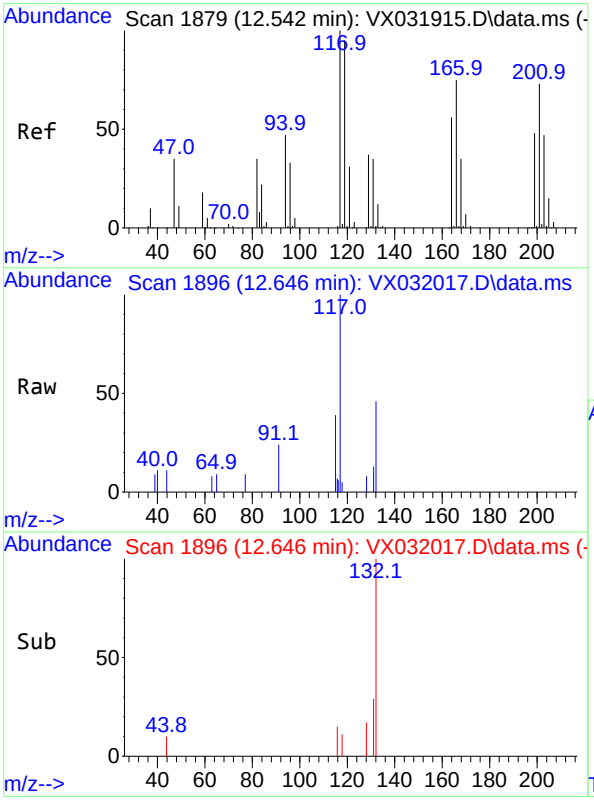
#89
n-Butylbenzene
Concen: 2.297 ug/l
RT: 12.244 min Scan# 1
Delta R.T. -0.091 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 91 Resp: 7249

Ion	Ratio	Lower	Upper
91	100		
92	11.1	27.0	81.0#
134	14.5	13.3	39.9

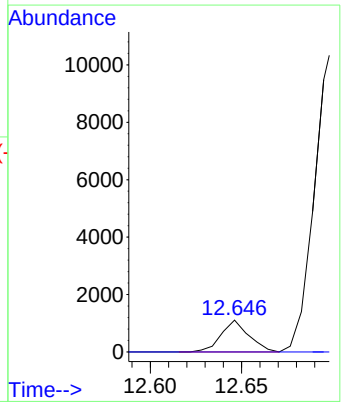


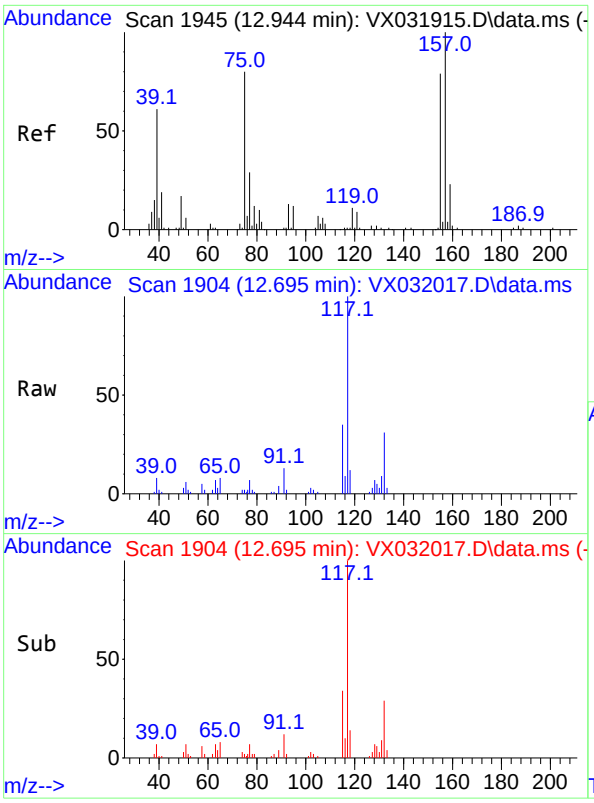


#90
Hexachloroethane
Concen: 3.208 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.104 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion:117 Resp: 1169

Ion	Ratio	Lower	Upper
117	100		
201	0.0	34.8	104.4#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.964 ug/l
RT: 12.695 min Scan# 1
Delta R.T. -0.249 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 75 Resp: 247

Ion	Ratio	Lower	Upper
75	100		
155	0.0	40.3	120.8#
157	0.0	51.5	154.5#