Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX063020\
Data File : VX017037.D
Acq On : 30 Jun 2020 12:14
Operator : JC/SP
Sample : L3097-03DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP02-20200623DL

Quant Time: Jul 01 08:04:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	250504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	417539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	428440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	158482	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.64%			
35) Dibromofluoromethane	5.47	113	135918	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.92%			
50) Toluene-d8	8.70	98	511334	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.70%			
62) 4-Bromofluorobenzene	11.12	95	205340	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	624	0.257	ug/l	88
4) Vinyl Chloride	1.39	62	3574	1.313	ug/l	100
8) Diethyl Ether	2.22	74	177	0.495	ug/l	66
10) Methyl Iodide	2.49	142	660	0.212	ug/l #	89
11) Tert butyl alcohol	3.01	59	356	0.604	ug/l #	73
12) 1,1-Dichloroethene	2.35	96	531	0.214	ug/l	97
13) Acrolein	2.28	56	341	0.968	ug/l	89
15) Acrylonitrile	3.11	53	354	0.250	ug/l	94
16) Acetone	2.42	43	800	0.692	ug/l #	72
17) Carbon Disulfide	2.56	76	1574	0.250	ug/l #	63
20) Methylene Chloride	2.84	84	1254	Below Cal	#	79
21) trans-1,2-Dichloroethene	3.14	96	1430	0.520	ug/l #	81
25) 2-Butanone	4.63	43	505	0.262	ug/l #	56
26) 2,2-Dichloropropane	4.63	77	885	0.207	ug/l #	53
27) cis-1,2-Dichloroethene	4.57	96	106010	34.017	ug/l	90
29) Tetrahydrofuran	5.10	42	330	0.259	ug/l #	33
31) Cyclohexane	5.63	56	5179	1.242	ug/l #	5
36) 1,1-Dichloropropene	5.63	75	18996	4.814	ug/l #	50
38) Carbon Tetrachloride	5.63	117	23839	5.485	ug/l #	17
44) Trichloroethene	7.19	130	202221	63.285	ug/l	99
49) 1,4-Dioxane	7.62	88	41	0.573	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	102914	24.095	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	102914	62.399	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.79	105	2833	0.237	ug/l	97
88) 1,4-Dichlorobenzene	12.01	146	676	Below Cal		85
94) Hexachlorobutadiene	13.77	225	205	0.961	ug/l	86

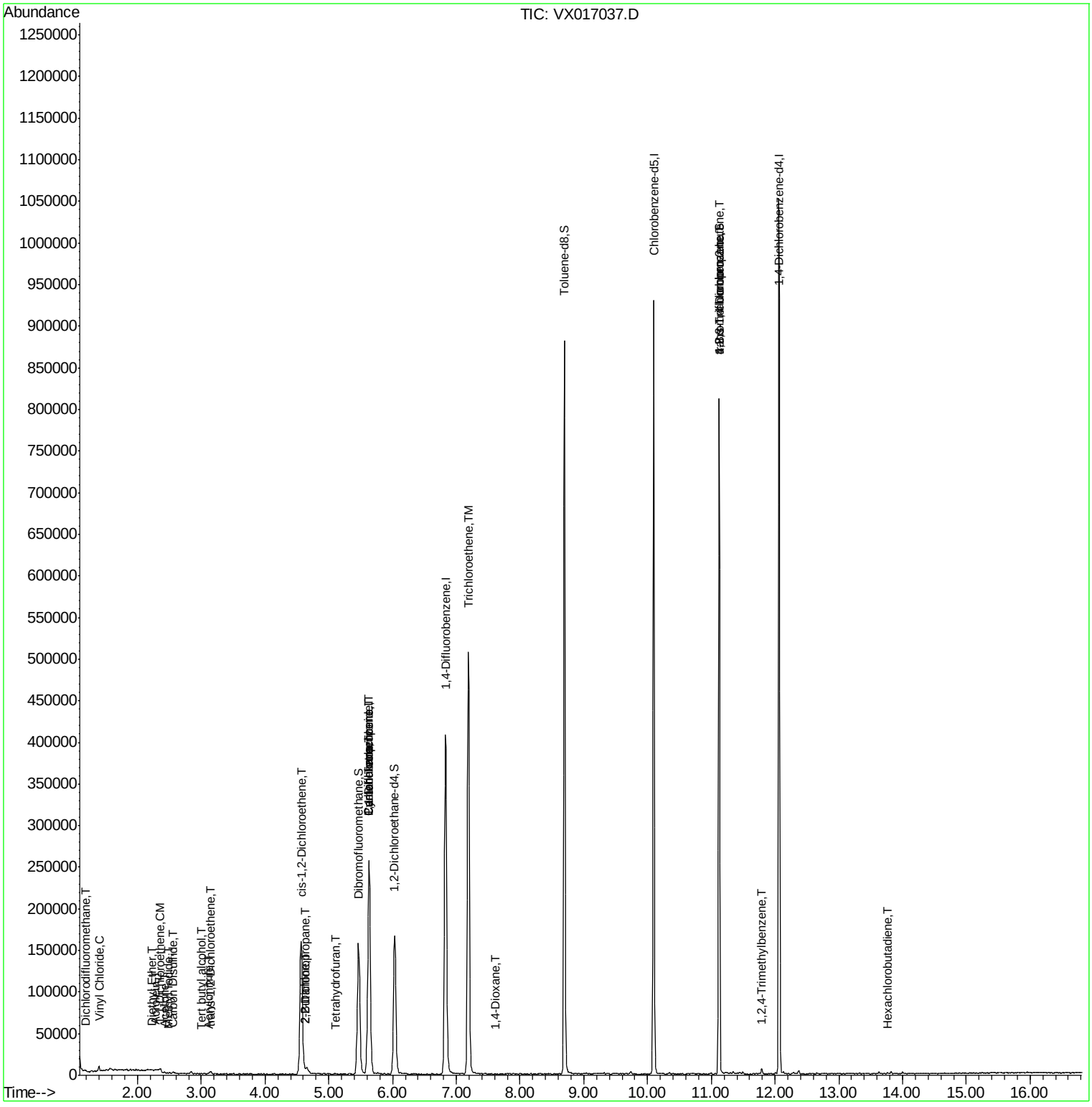
(#) = qualifier out of range (m) = manual integration (+) = signals summed

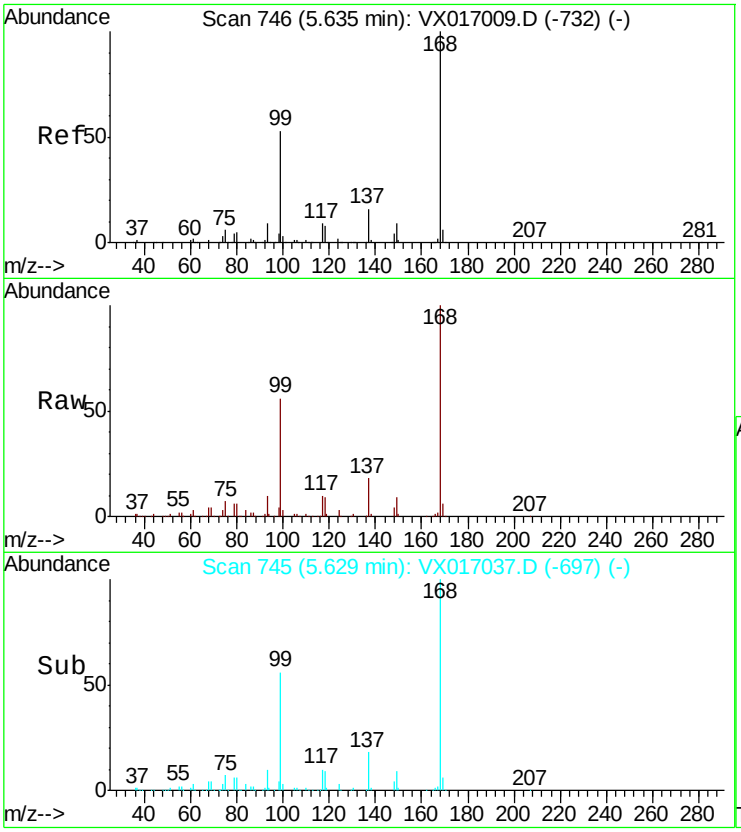
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
Data File : VX017037.D
Acq On : 30 Jun 2020 12:14
Operator : JC/SP
Sample : L3097-03DL 100X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200623DL

Quant Time: Jul 01 08:04:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration



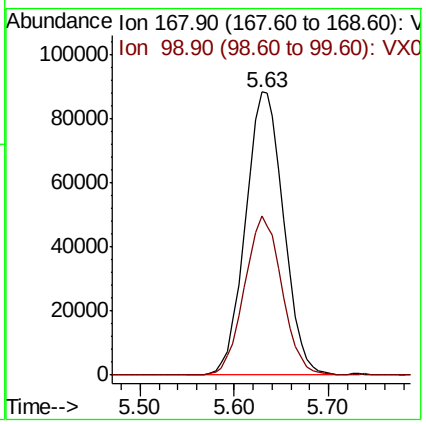


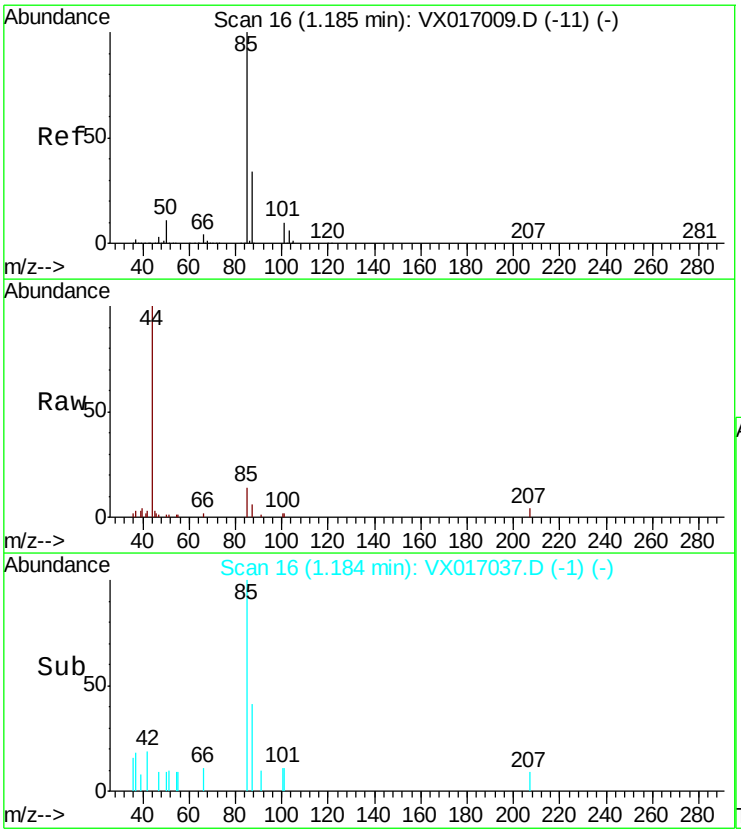
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200623DL

Tgt Ion:168 Resp: 250504

Ion	Ratio	Lower	Upper
168	100		
99	56.4	42.6	64.0

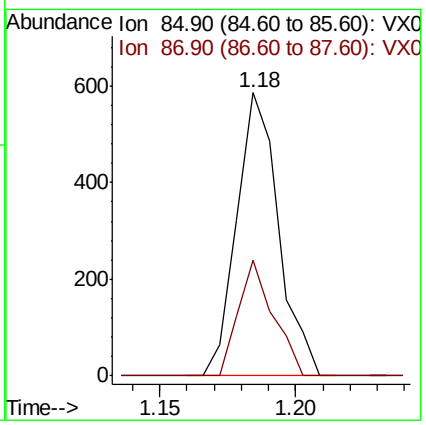


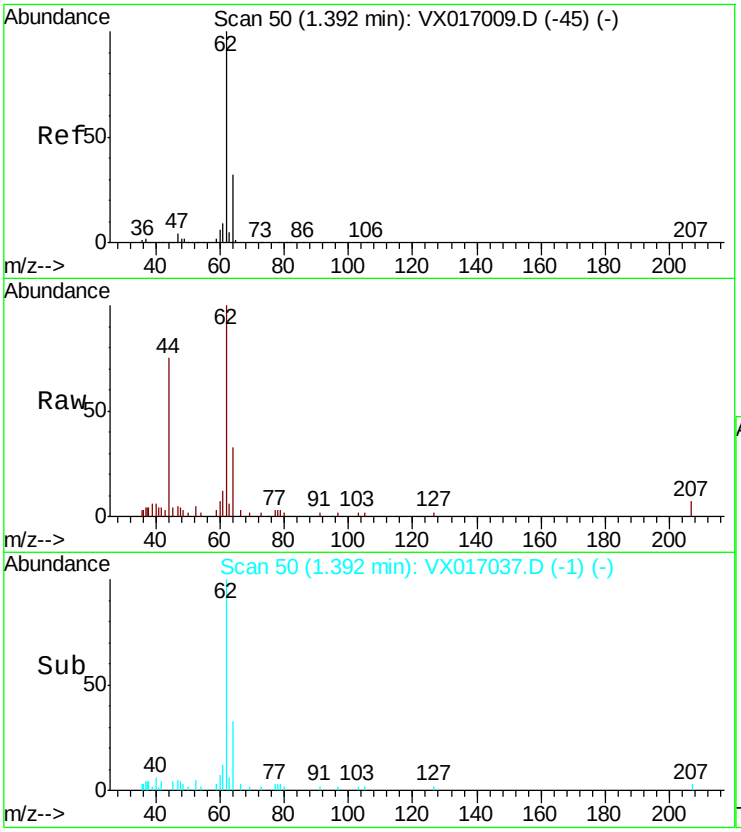


#2
Dichlorodifluoromethane
Concen: 0.257 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion: 85 Resp: 624

Ion	Ratio	Lower	Upper
85	100		
87	40.6	16.8	50.4



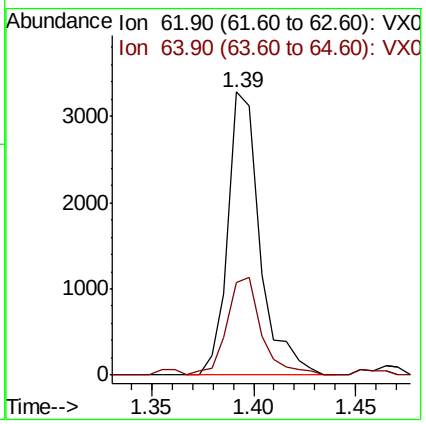


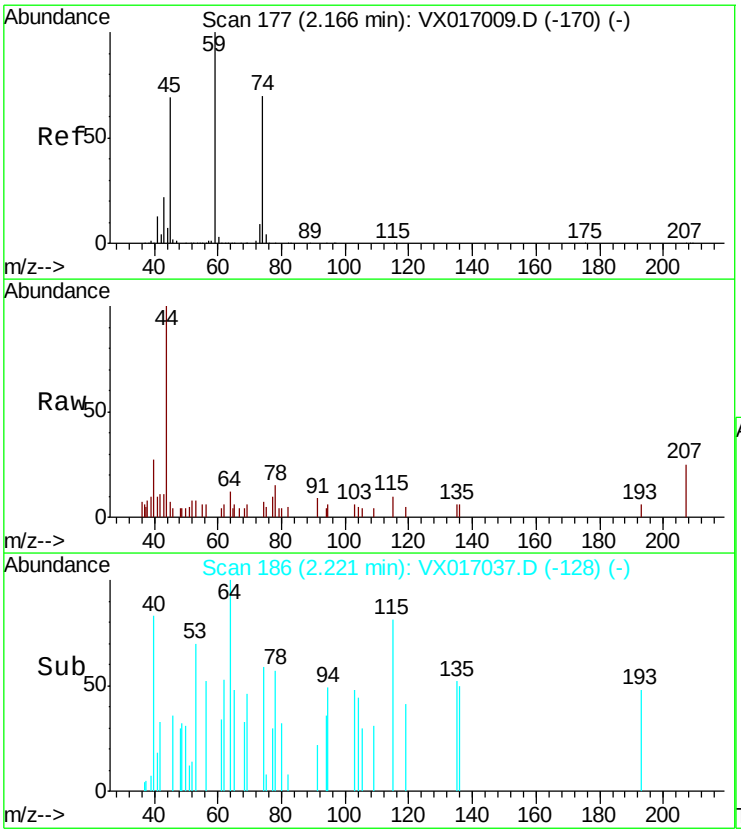
#4
Vinyl Chloride
Concen: 1.313 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument : MSVOA_X
ClientSampleId : DUP02-20200623DL

Tgt Ion: 62 Resp: 3574

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.9	38.9

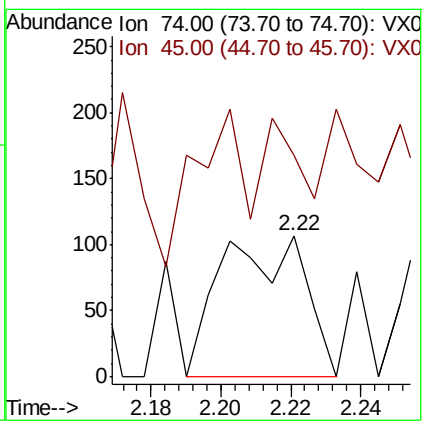


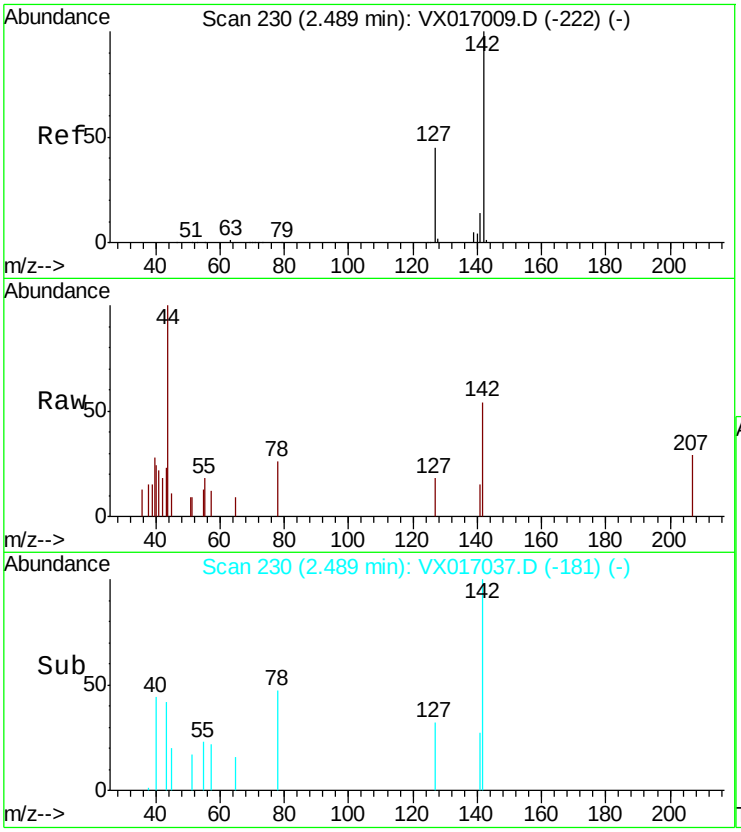


#8
Diethyl Ether
Concen: 0.495 ug/l
RT: 2.22 min Scan# 186
Delta R.T. 0.05 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion: 74 Resp: 177

Ion	Ratio	Lower	Upper
74	100		
45	65.5	49.8	149.3



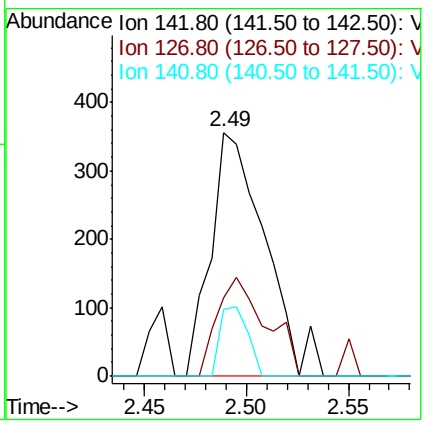


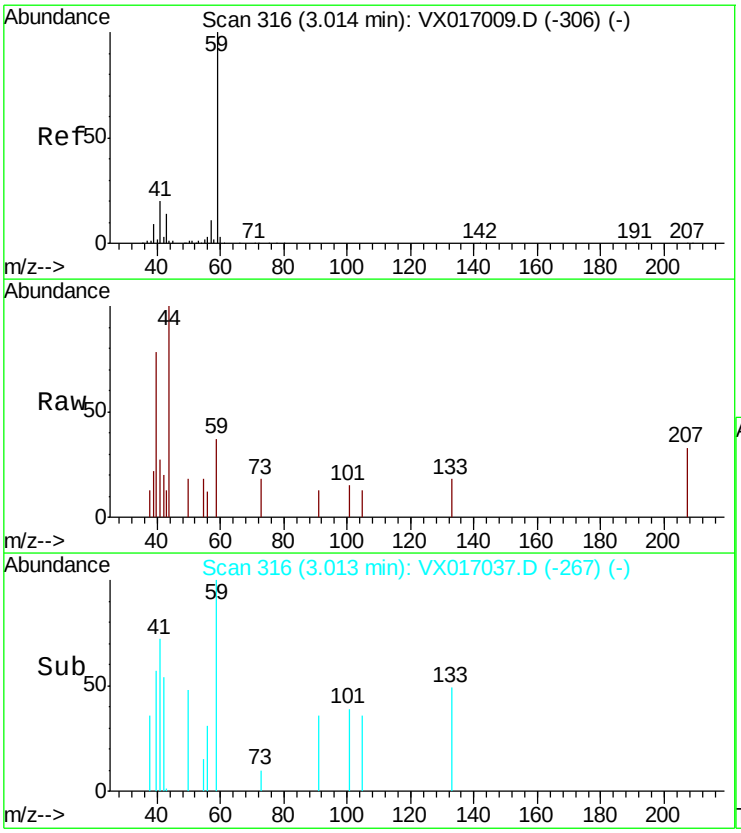
#10
Methyl Iodide
Concen: 0.212 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200623DL

Tgt Ion:142 Resp: 660

Ion	Ratio	Lower	Upper
142	100		
127	36.5	36.6	54.8#
141	14.4	11.6	17.4

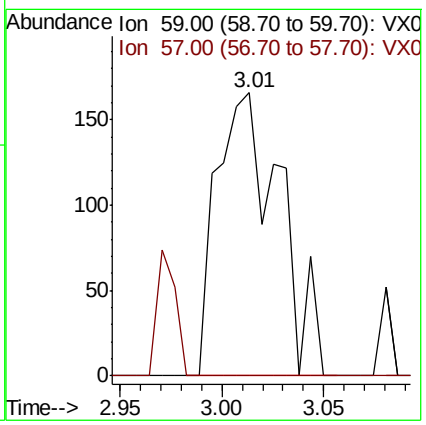


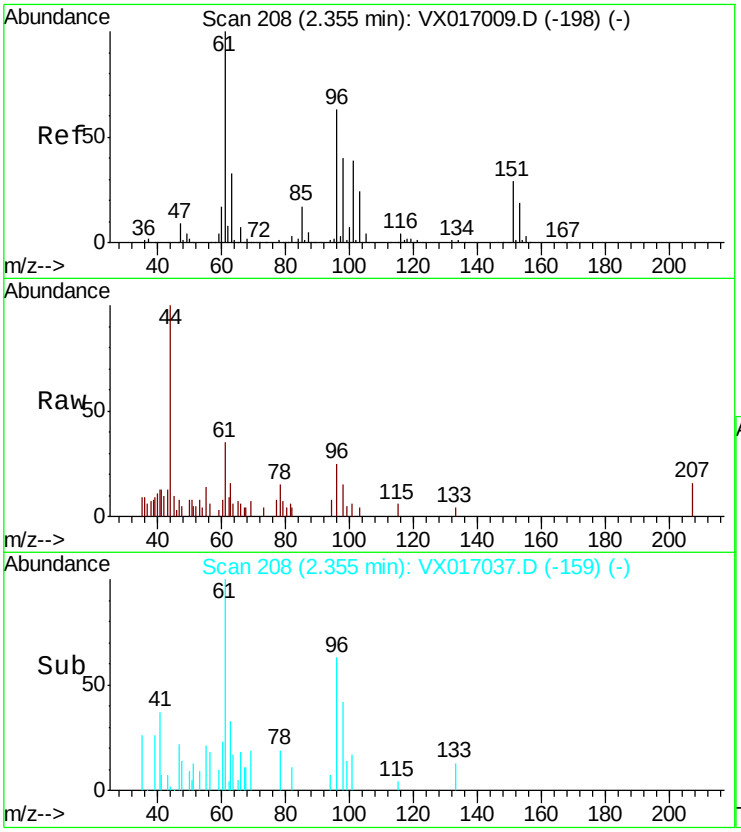


#11
Tert butyl alcohol
Concen: 0.604 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion: 59 Resp: 356

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



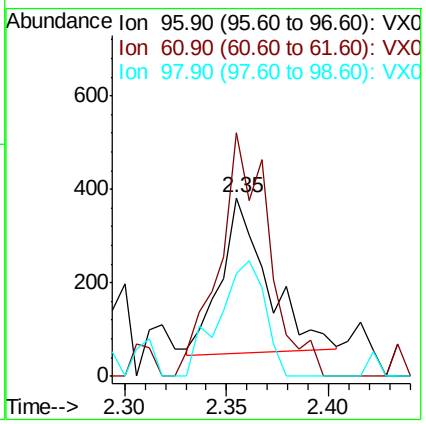


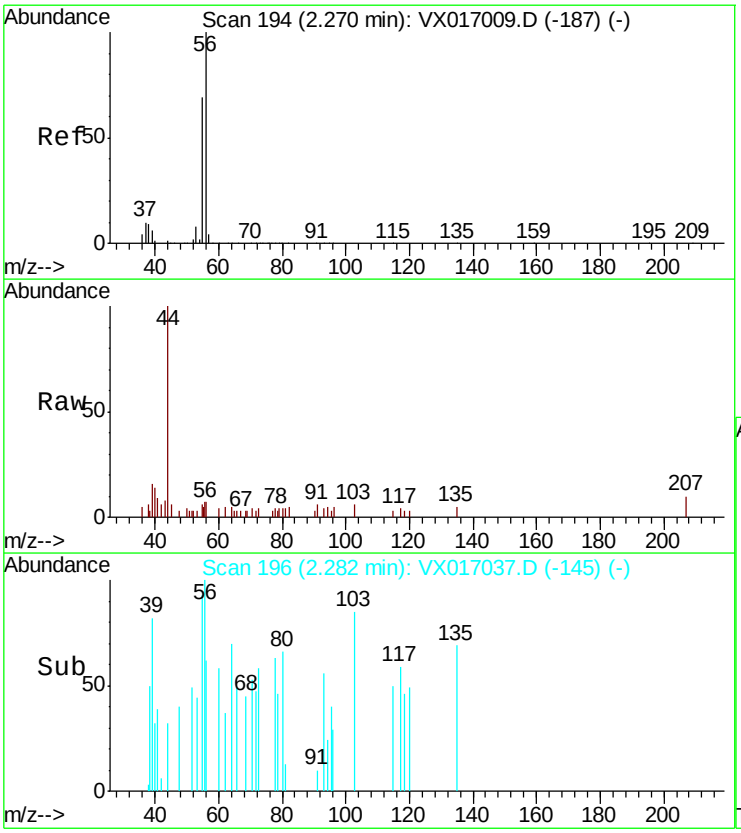
#12
1,1-Dichloroethene
Concen: 0.214 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument : MSVOA_X
ClientSampleId : DUP02-20200623DL

Tgt Ion: 96 Resp: 531

Ion	Ratio	Lower	Upper
96	100		
61	160.3	126.3	189.5
98	67.7	51.0	76.6

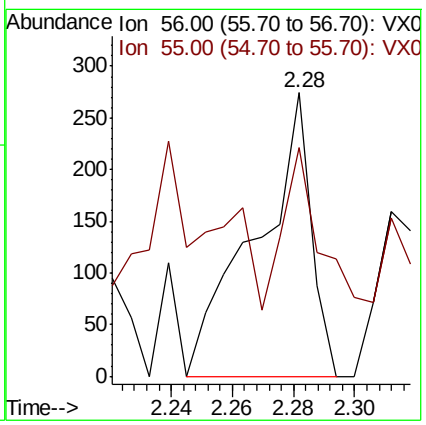


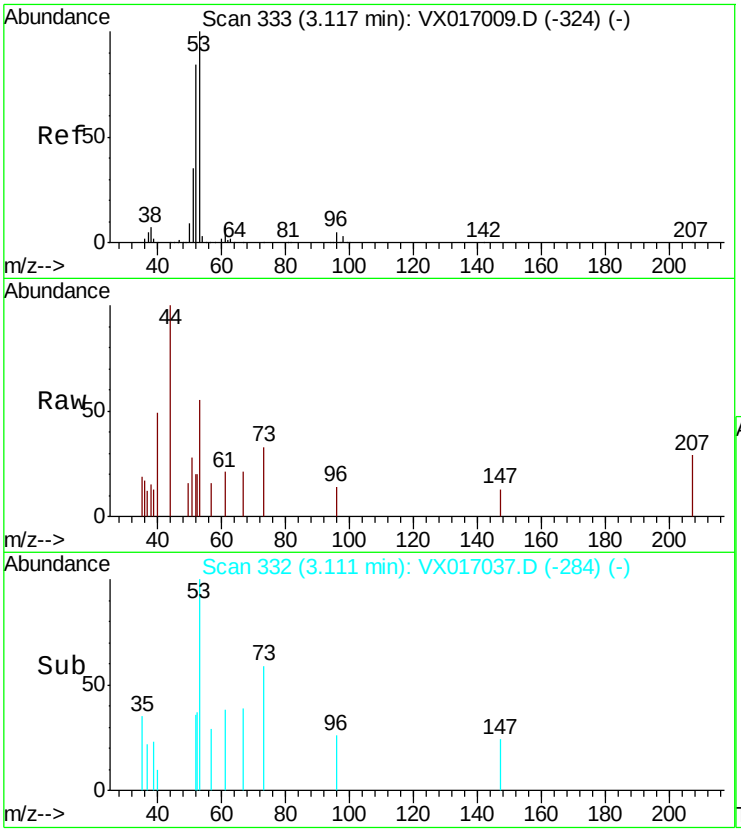


#13
Acrolein
Concen: 0.968 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion: 56 Resp: 341

Ion	Ratio	Lower	Upper
56	100		
55	61.0	55.7	83.5



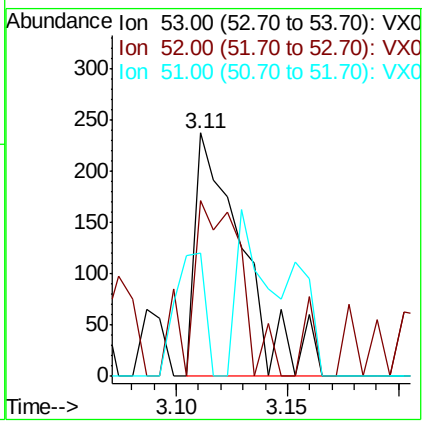


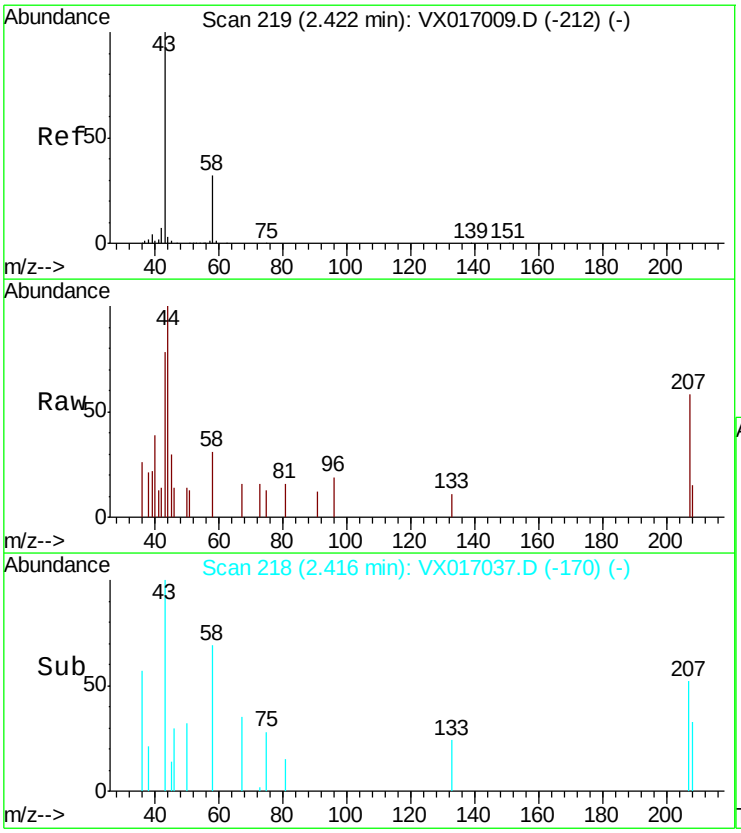
#15
Acrylonitrile
Concen: 0.250 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument : MSVOA_X
ClientSampleId : DUP02-20200623DL

Tgt Ion: 53 Resp: 354

Ion	Ratio	Lower	Upper
53	100		
52	76.6	65.6	98.4
51	32.2	28.3	42.5

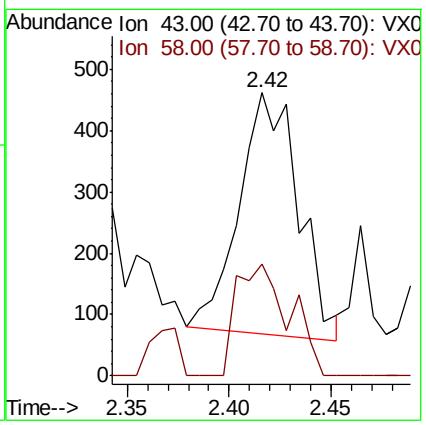


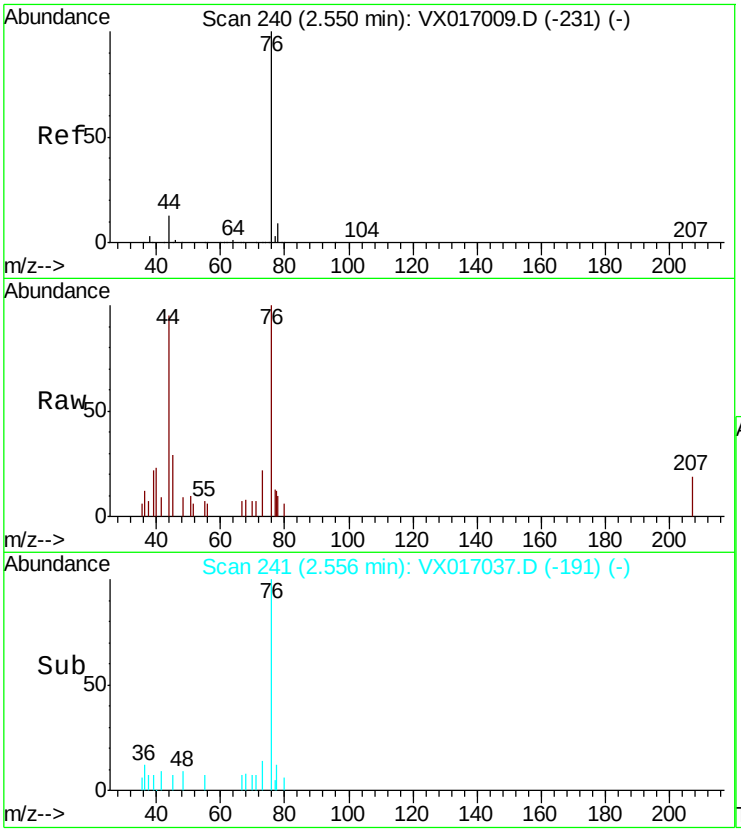


#16
Acetone
Concen: 0.692 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion: 43 Resp: 800

Ion	Ratio	Lower	Upper
43	100		
58	47.9	25.7	38.5#



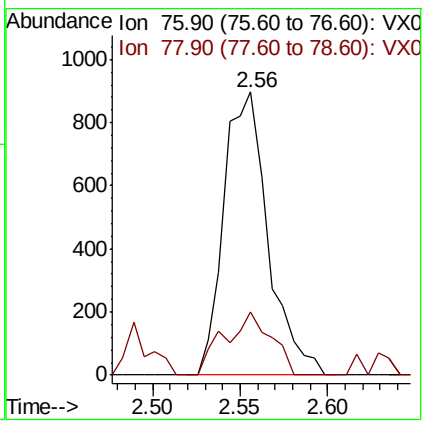


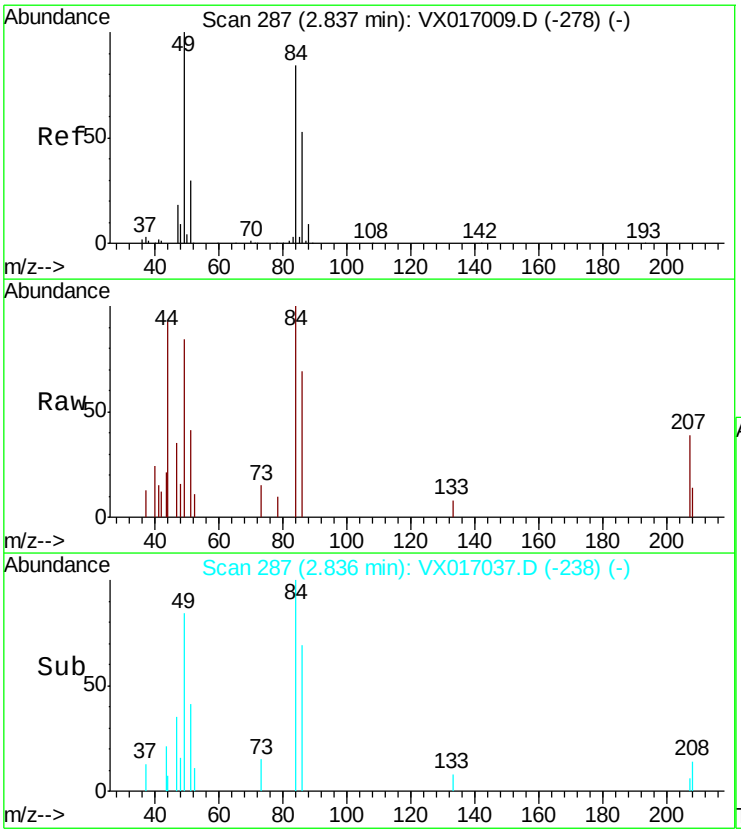
#17
Carbon Disulfide
Concen: 0.250 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200623DL

Tgt Ion: 76 Resp: 1574

Ion	Ratio	Lower	Upper
76	100		
78	22.4	7.2	10.8#

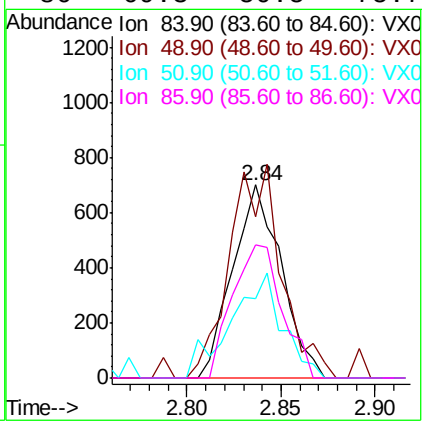


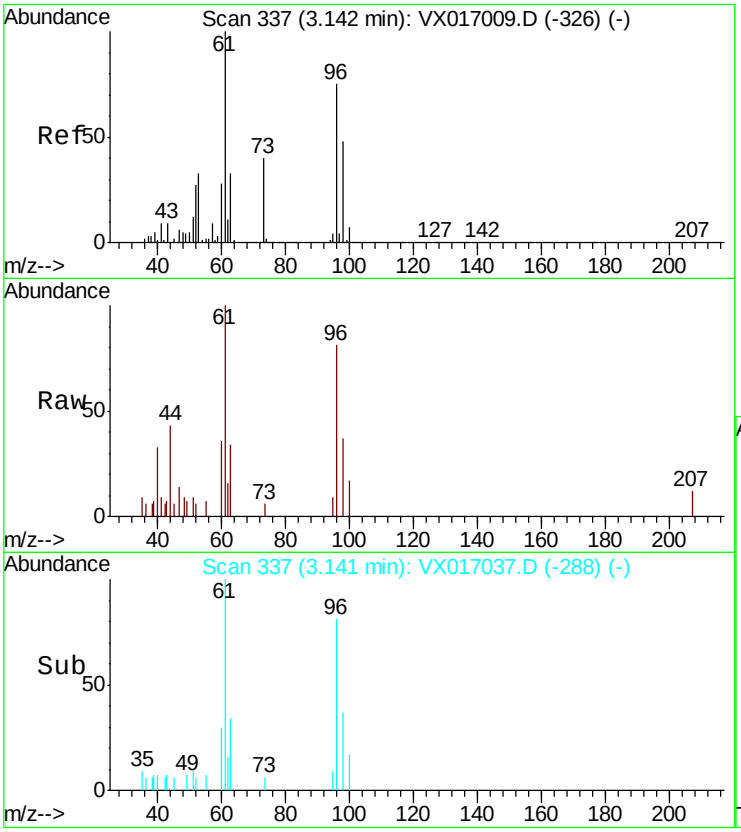


#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion: 84 Resp: 1254

Ion	Ratio	Lower	Upper
84	100		
49	83.9	94.7	142.1#
51	41.3	28.6	42.8
86	69.3	50.5	75.7



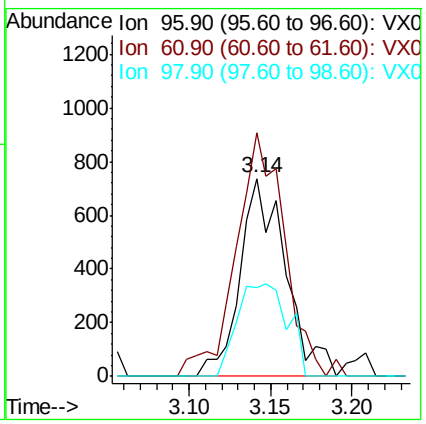


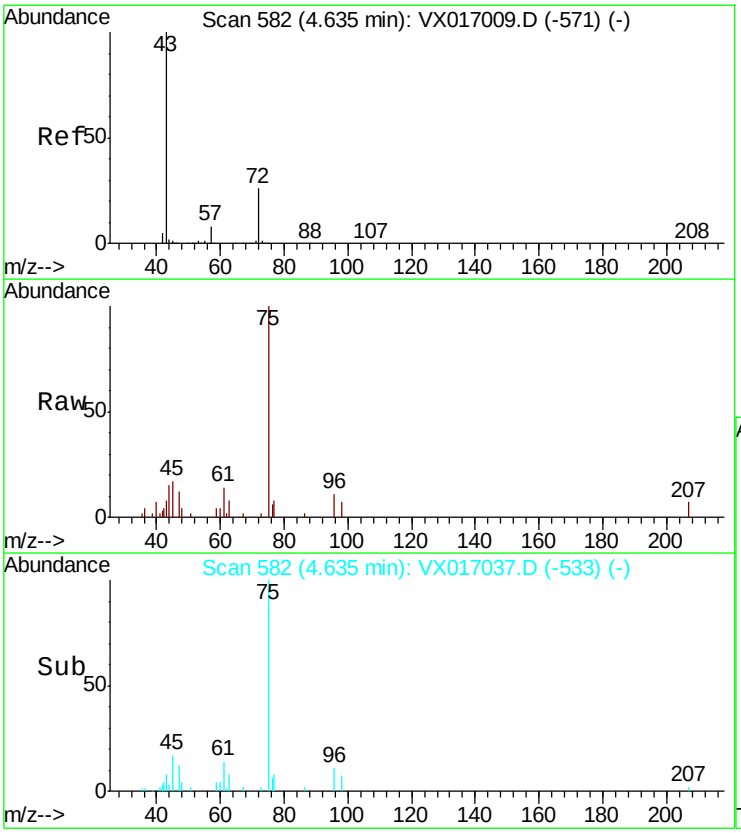
#21
trans-1,2-Dichloroethene
Concen: 0.520 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200623DL

Tgt Ion: 96 Resp: 1430

Ion	Ratio	Lower	Upper
96	100		
61	114.4	107.0	160.6
98	45.1	51.6	77.4#

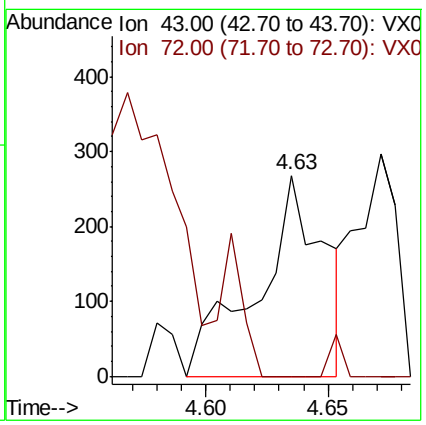


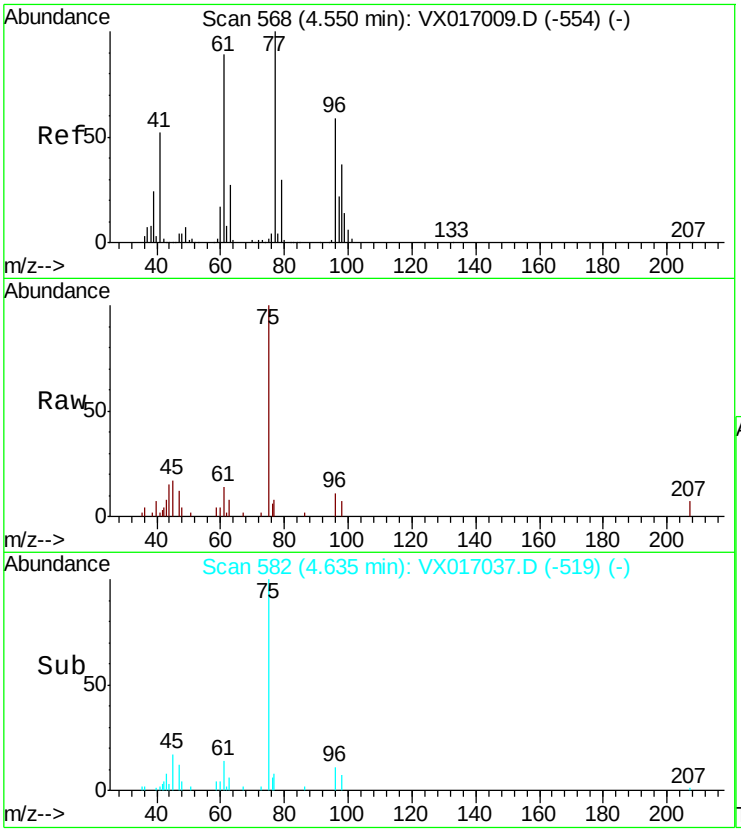


#25
2-Butanone
Concen: 0.262 ug/l
RT: 4.63 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion: 43 Resp: 505

Ion	Ratio	Lower	Upper
43	100		
72	3.7	20.8	31.2#



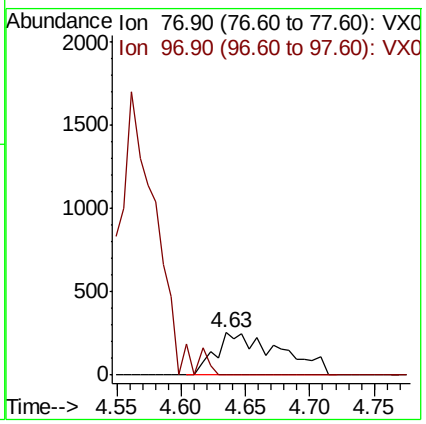


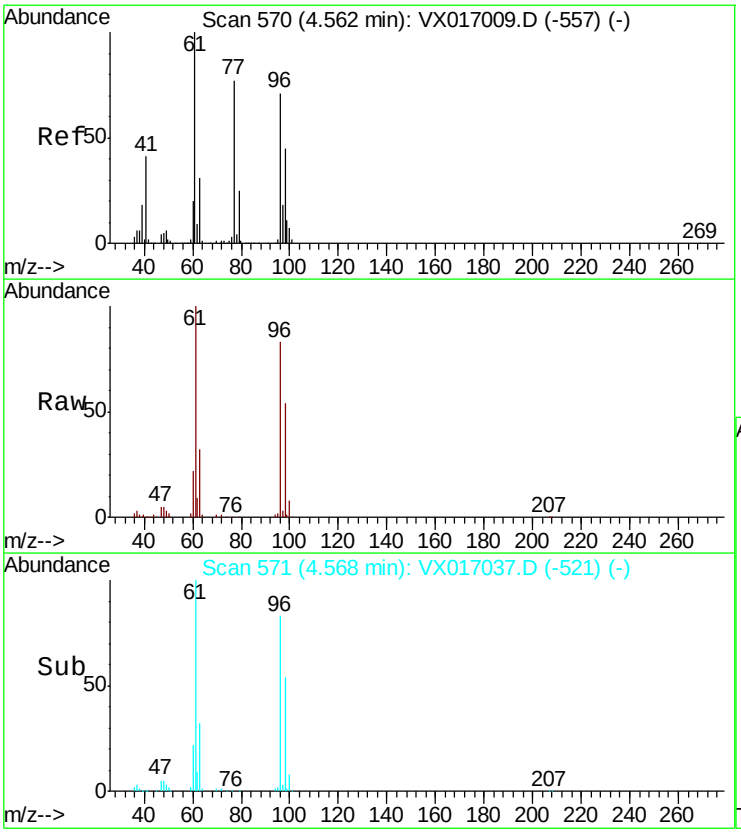
#26
2,2-Dichloropropane
Concen: 0.207 ug/l
RT: 4.63 min Scan# 582
Delta R.T. 0.08 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200623DL

Tgt Ion: 77 Resp: 885

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.2#

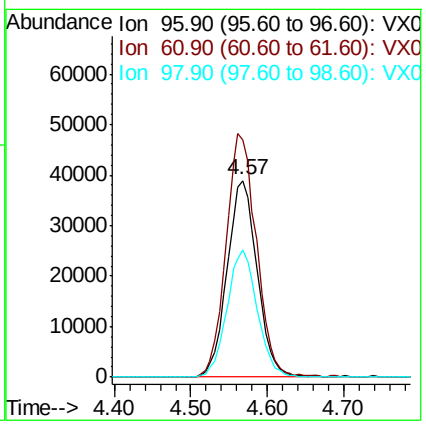


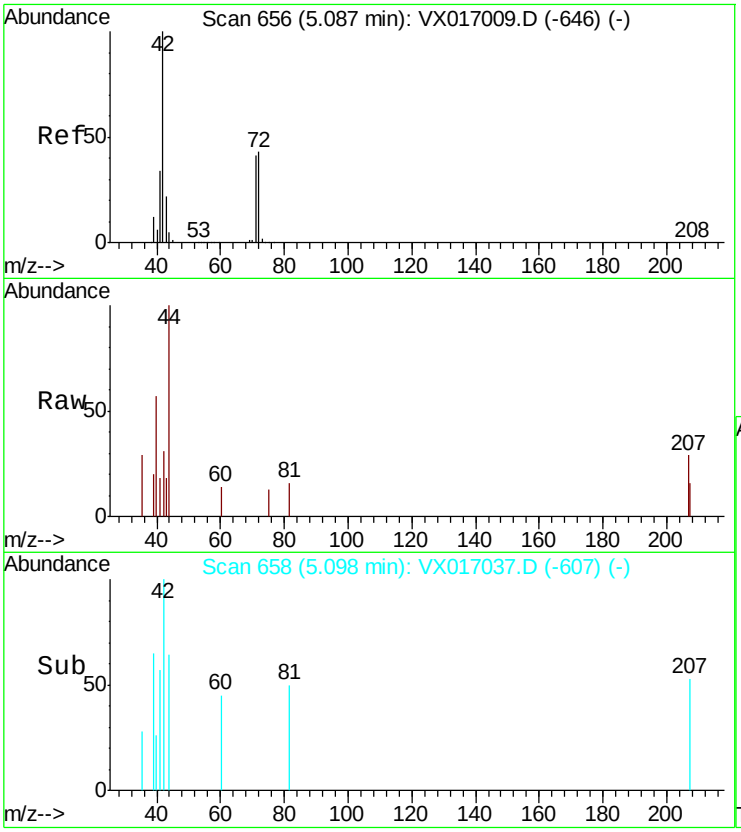


#27
cis-1,2-Dichloroethene
Concen: 34.017 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion: 96 Resp: 106010

Ion	Ratio	Lower	Upper
96	100		
61	124.8	0.0	282.8
98	64.7	0.0	127.6



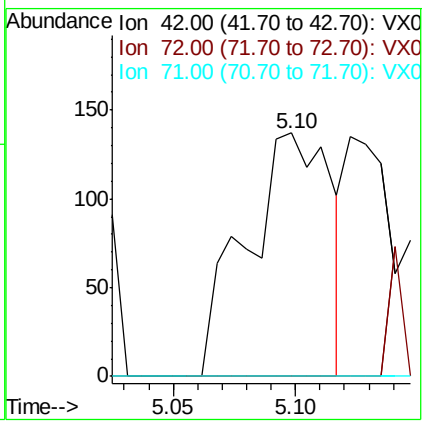


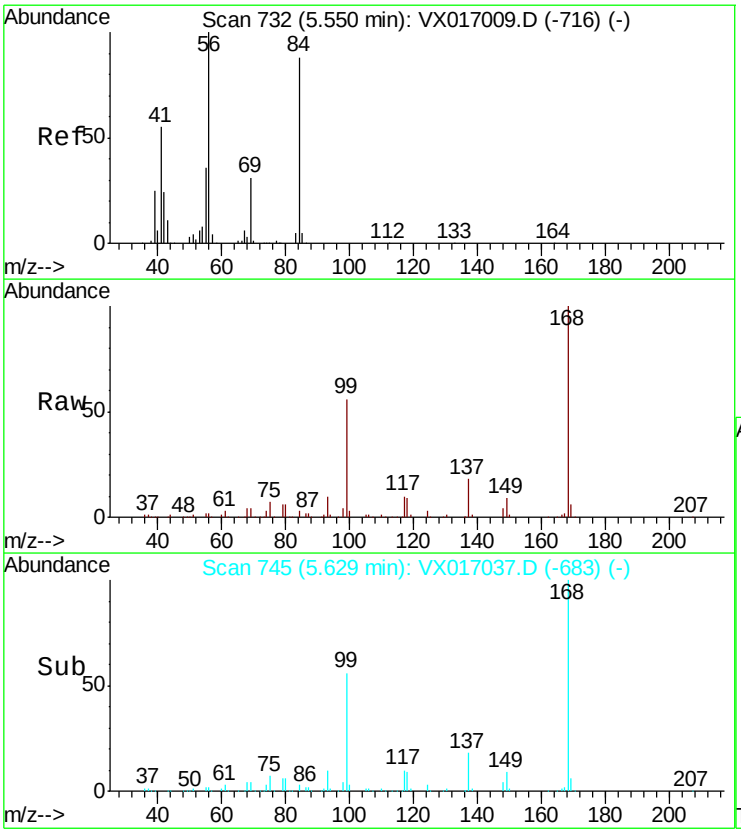
#29
Tetrahydrofuran
Concen: 0.259 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument : MSVOA_X
ClientSampleId : DUP02-20200623DL

Tgt Ion: 42 Resp: 330

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.3	52.9#
71	0.0	33.1	49.7#

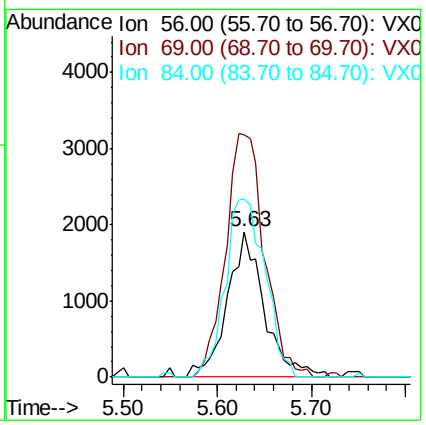


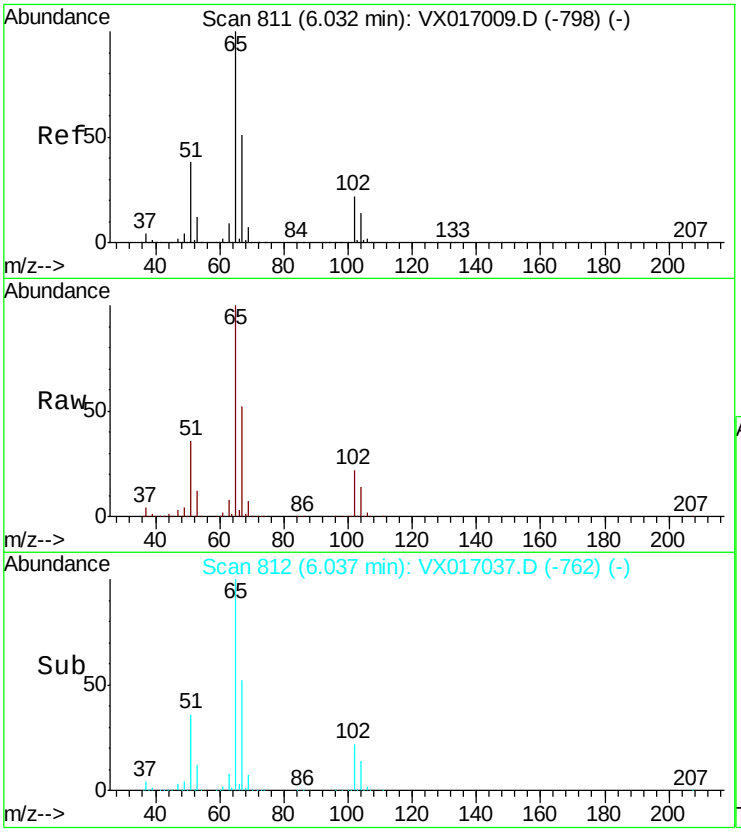


#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion: 56 Resp: 5179

Ion	Ratio	Lower	Upper
56	100		
69	167.1	25.0	37.4#
84	123.0	69.1	103.7#



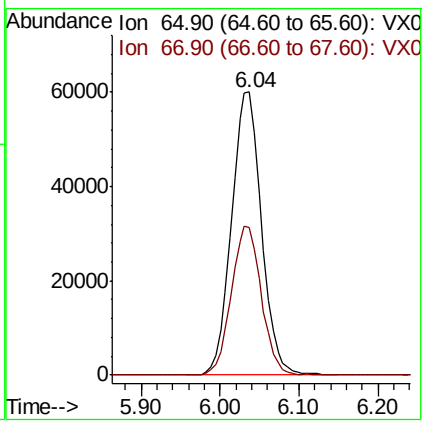


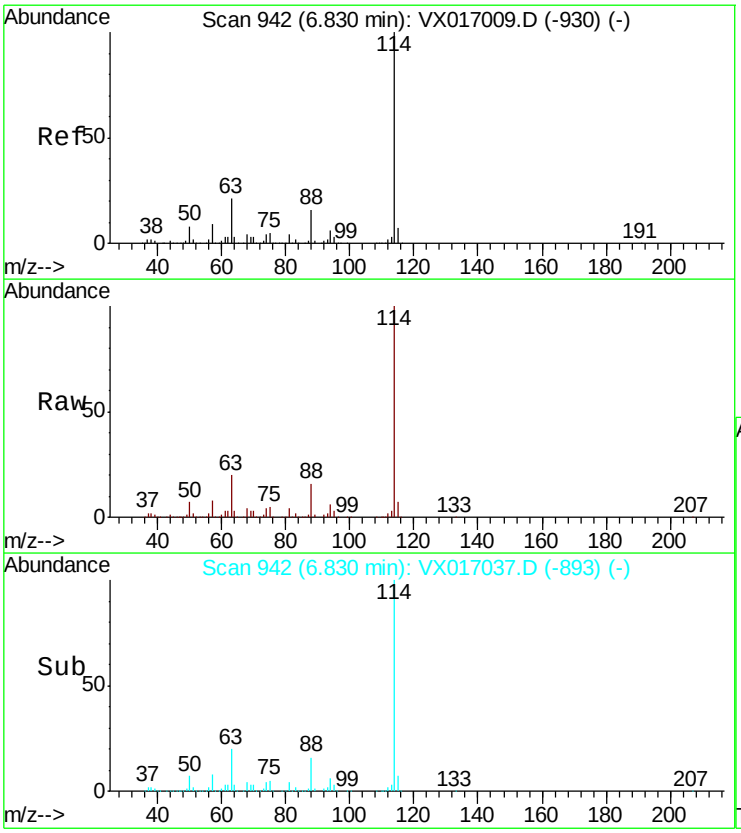
#33
1,2-Dichloroethane-d4
Concen: 51.318 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument : MSVOA_X
ClientSampleId : DUP02-20200623DL

Tgt Ion: 65 Resp: 158482

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.8

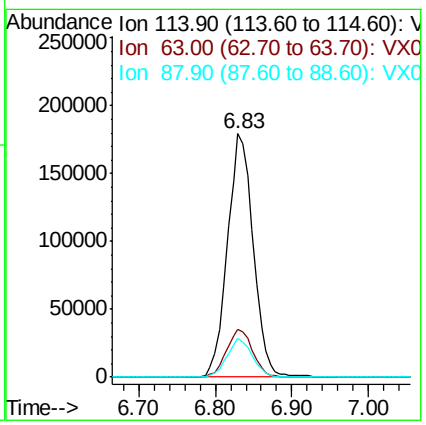


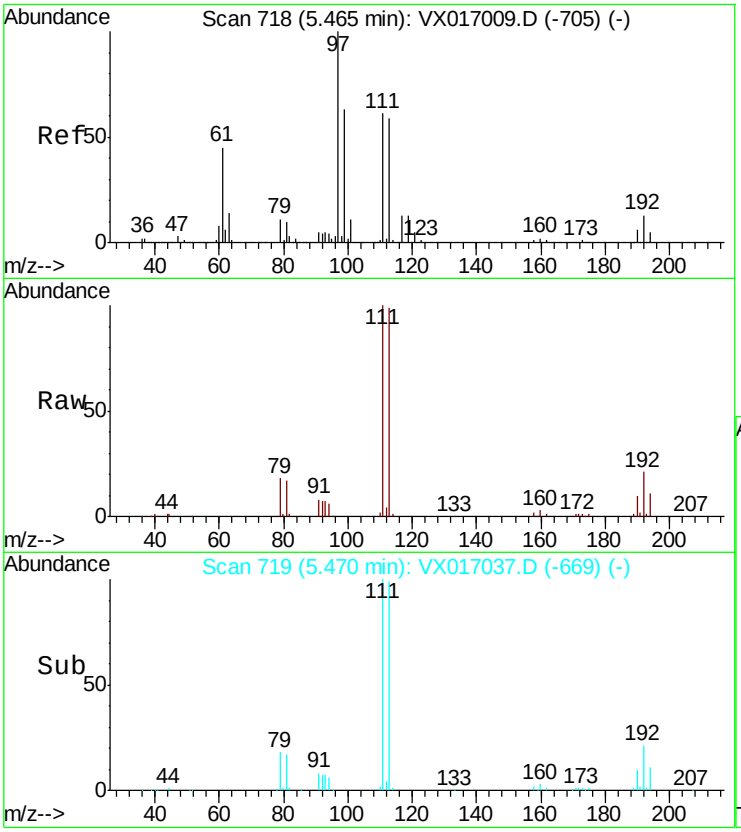


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion:114 Resp: 417539

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.4
88	15.7	0.0	32.4



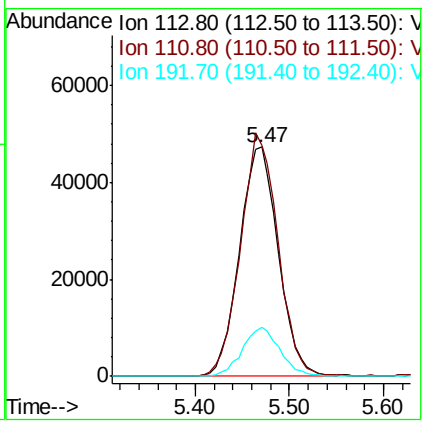


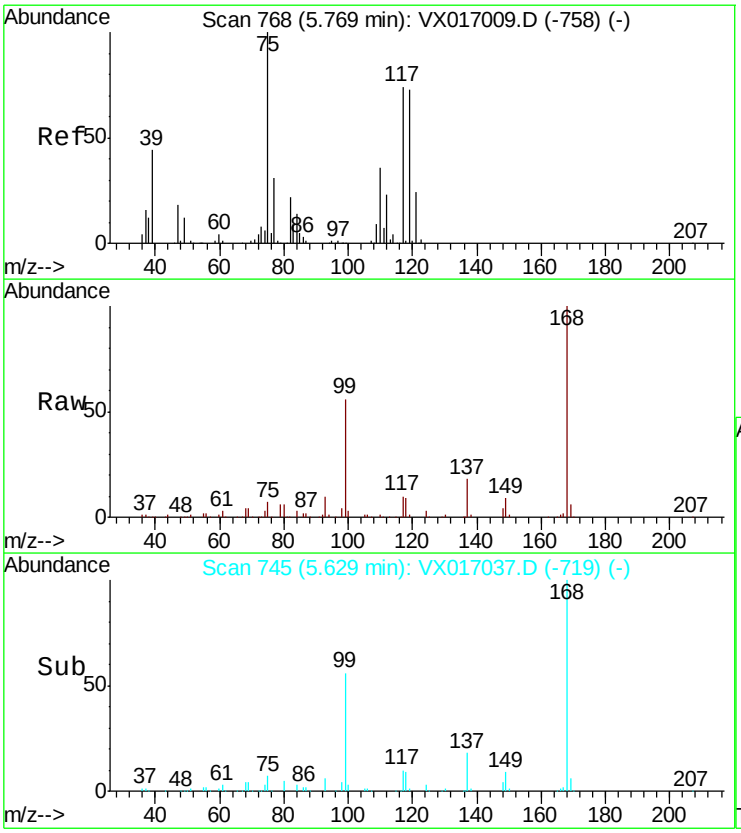
#35
Dibromofluoromethane
Concen: 51.460 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200623DL

Tgt Ion:113 Resp: 135918

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	20.6	16.7	25.1

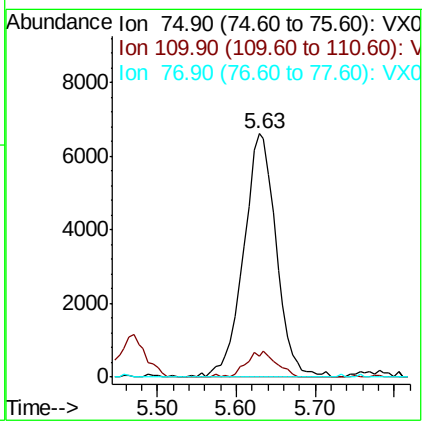


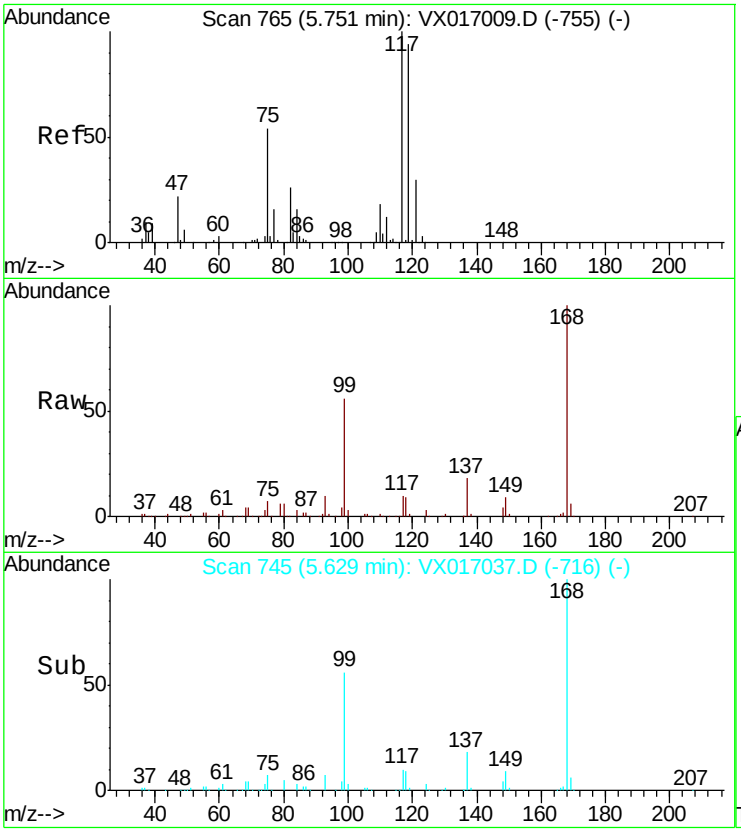


#36
1,1-Dichloropropene
Concen: 4.814 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion: 75 Resp: 18996

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.1#
77	0.0	24.6	37.0#



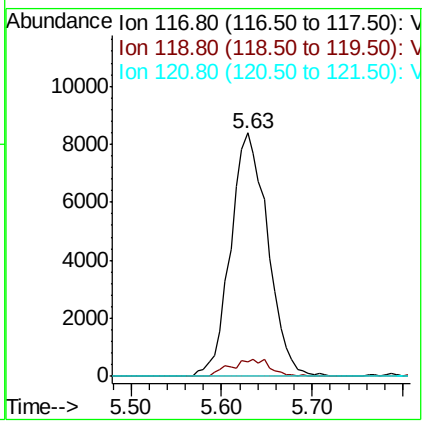


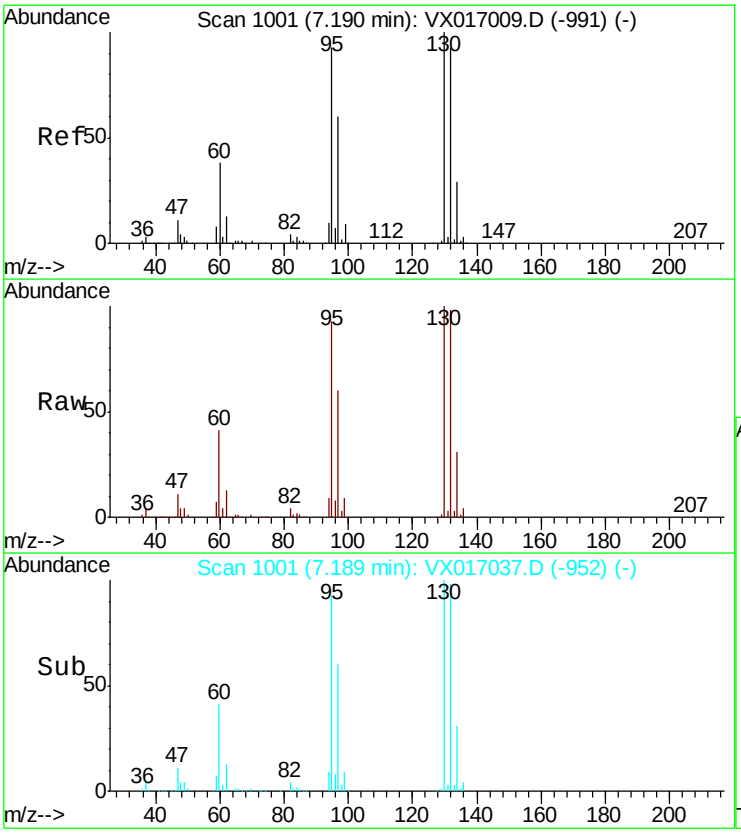
#38
Carbon Tetrachloride
Concen: 5.485 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument : MSVOA_X
ClientSampleId : DUP02-20200623DL

Tgt Ion:117 Resp: 23839

Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.4	113.0#
121	0.0	23.8	35.6#

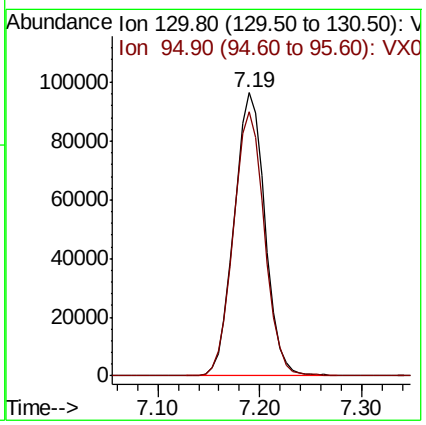


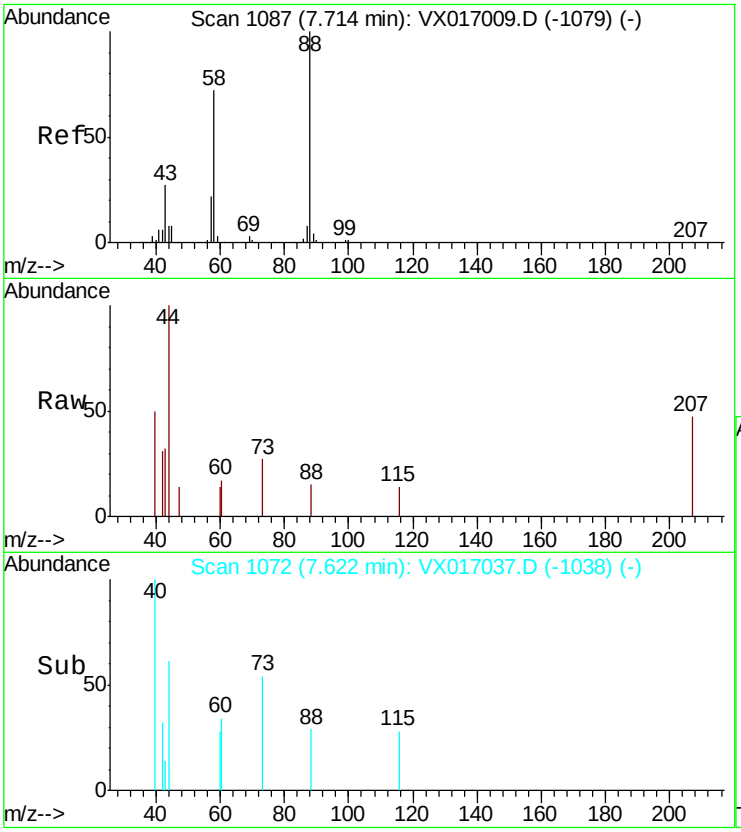


#44
Trichloroethene
Concen: 63.285 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion:130 Resp: 202221

Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	185.0



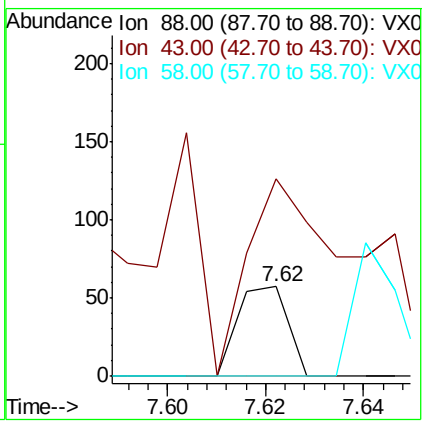


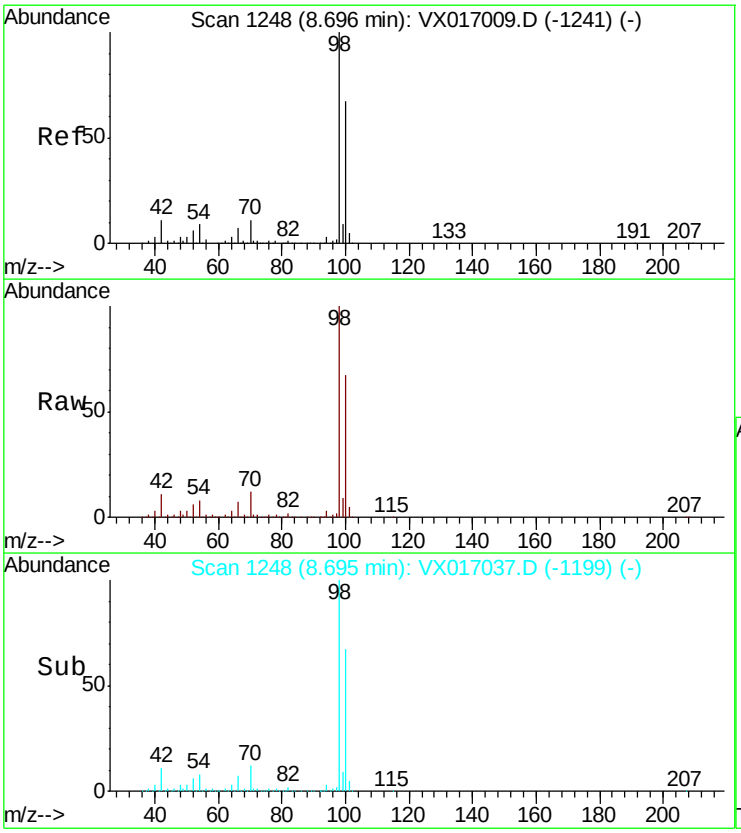
#49
1,4-Dioxane
Concen: 0.573 ug/l
RT: 7.62 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200623DL

Tgt Ion: 88 Resp: 41

Ion	Ratio	Lower	Upper
88	100		
43	487.8	25.8	38.8#
58	124.4	54.8	82.2#

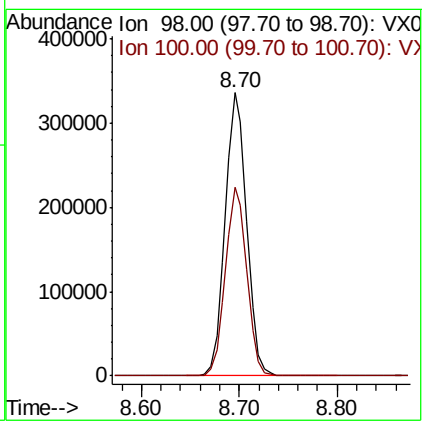


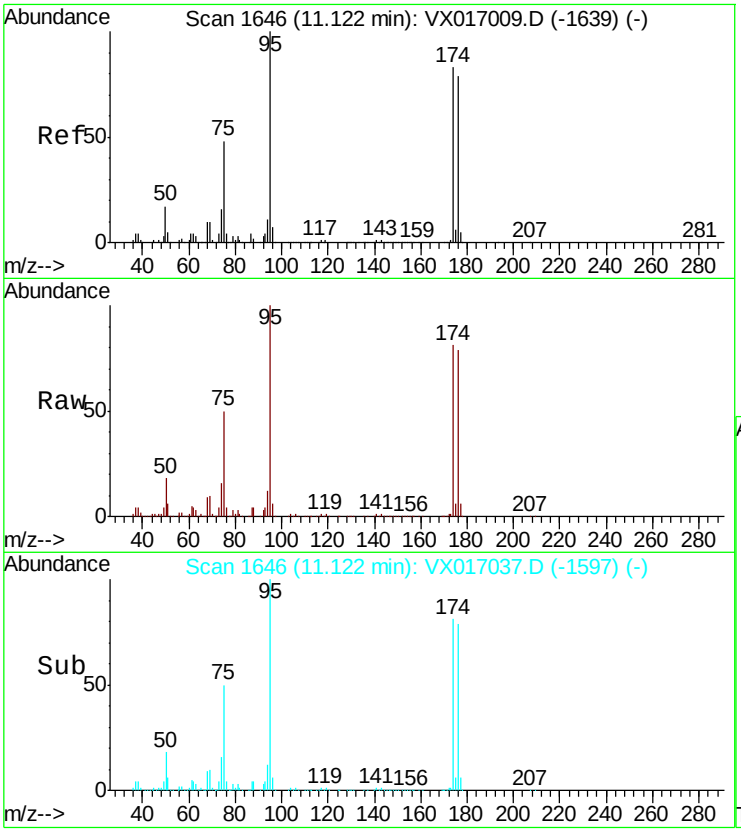


#50
Toluene-d8
Concen: 52.355 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion: 98 Resp: 511334

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6



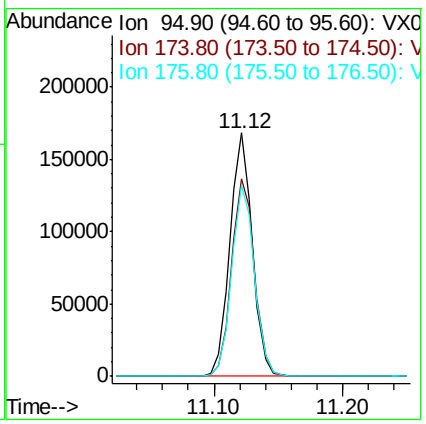


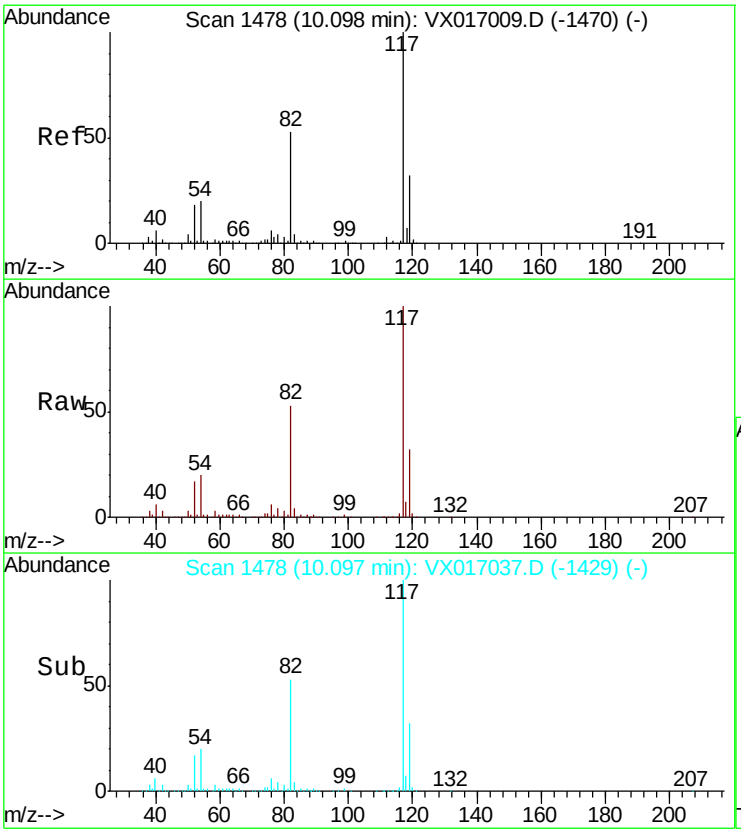
#62
4-Bromofluorobenzene
Concen: 53.783 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200623DL

Tgt Ion: 95 Resp: 205340

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	164.0
176	79.6	0.0	157.6

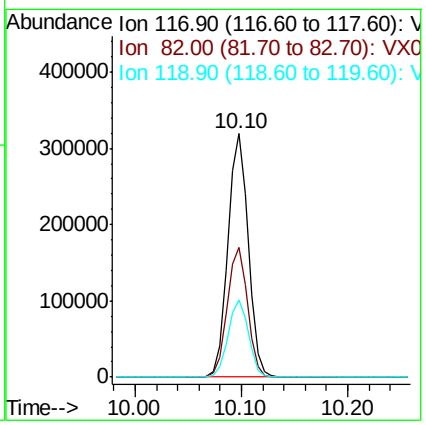


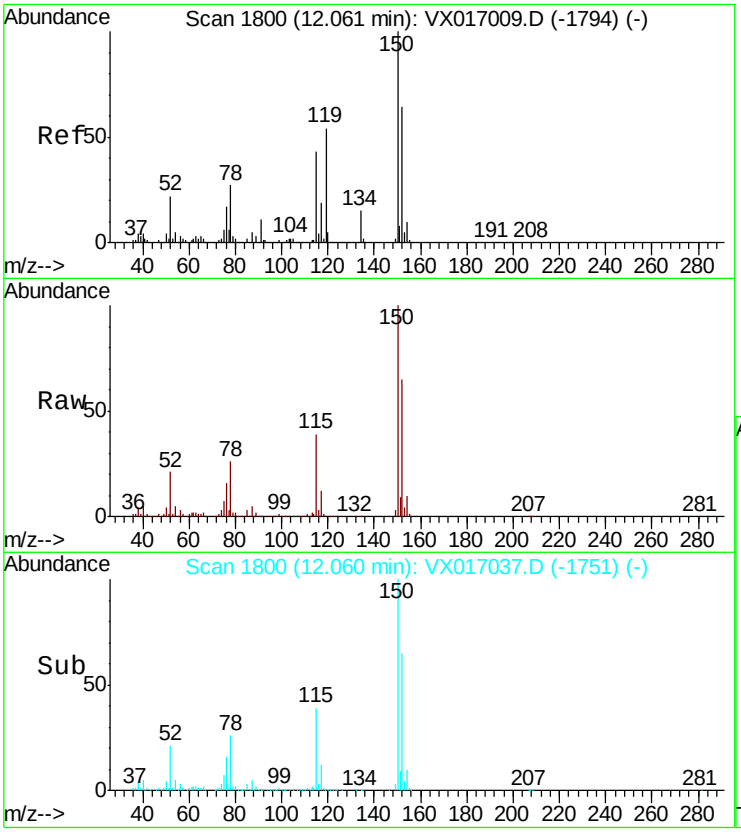


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion:117 Resp: 428440

Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.6	63.8
119	31.7	25.4	38.2



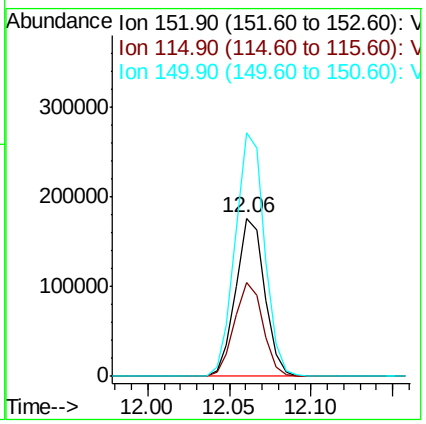


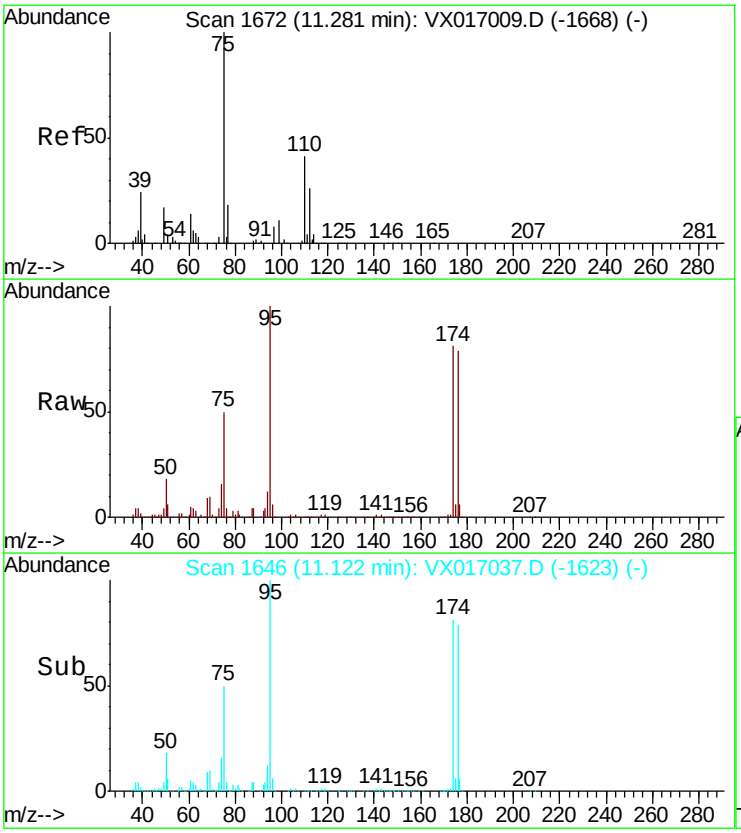
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200623DL

Tgt Ion:152 Resp: 217199

Ion	Ratio	Lower	Upper
152	100		
115	59.1	40.9	122.7
150	156.8	0.0	351.6

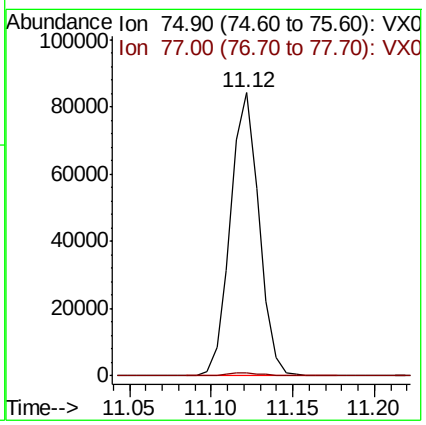


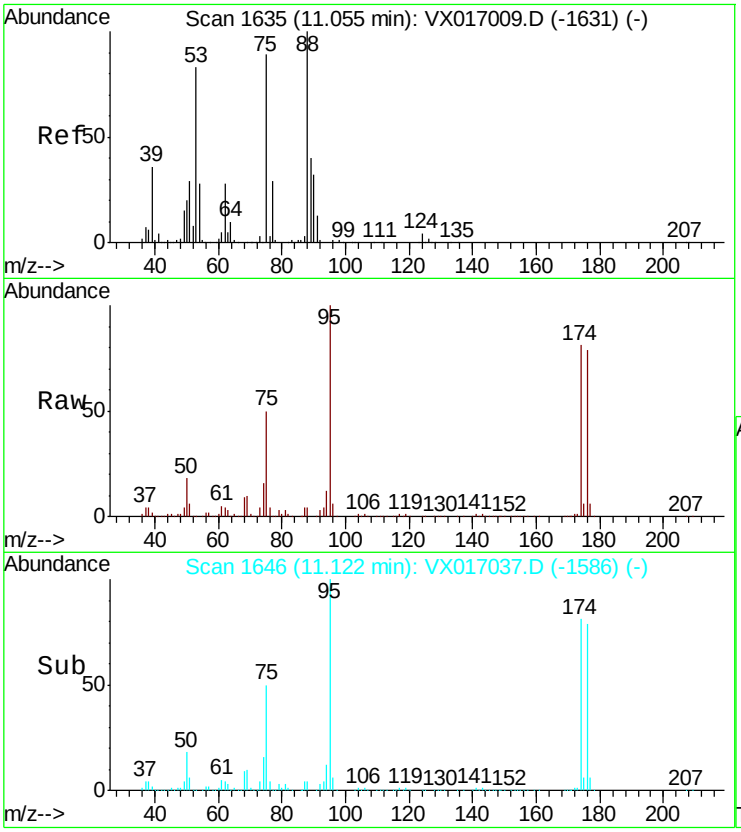


#76
1,2,3-Trichloropropane
Concen: 24.095 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion: 75 Resp: 102914

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#



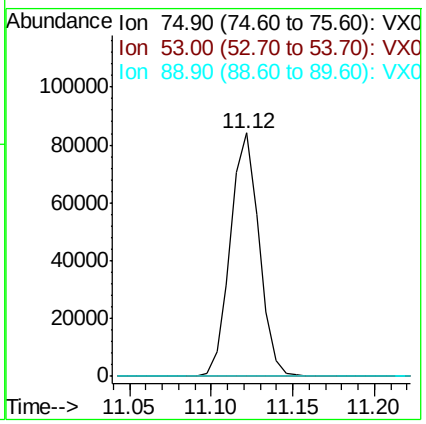


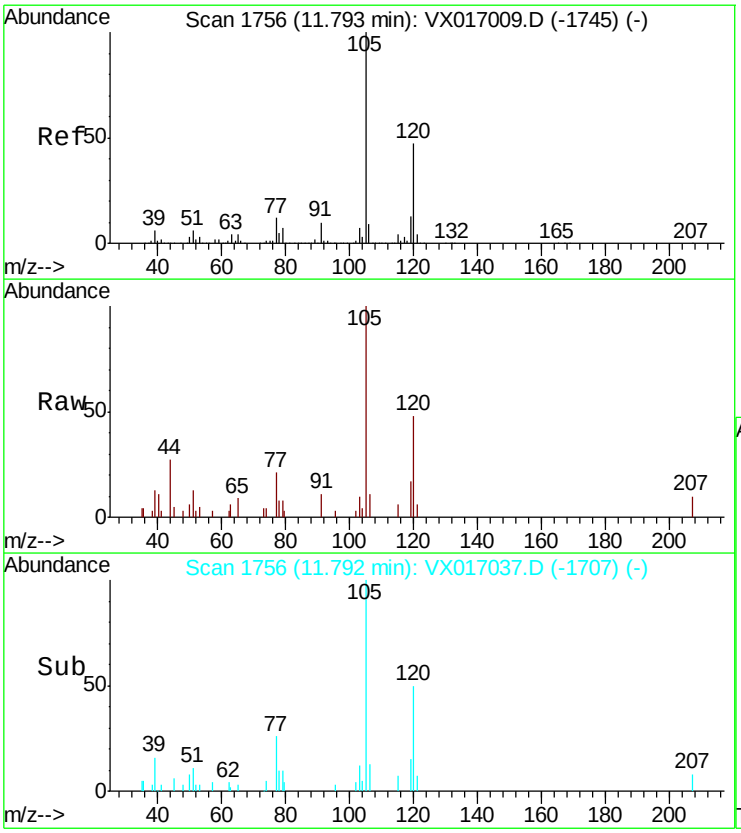
#81
trans-1,4-Dichloro-2-butene
Concen: 62.399 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200623DL

Tgt Ion: 75 Resp: 102914

Ion	Ratio	Lower	Upper
75	100		
53	0.1	72.4	108.6#
89	0.0	37.0	55.4#

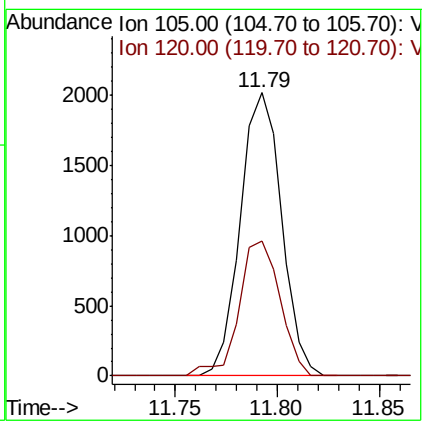


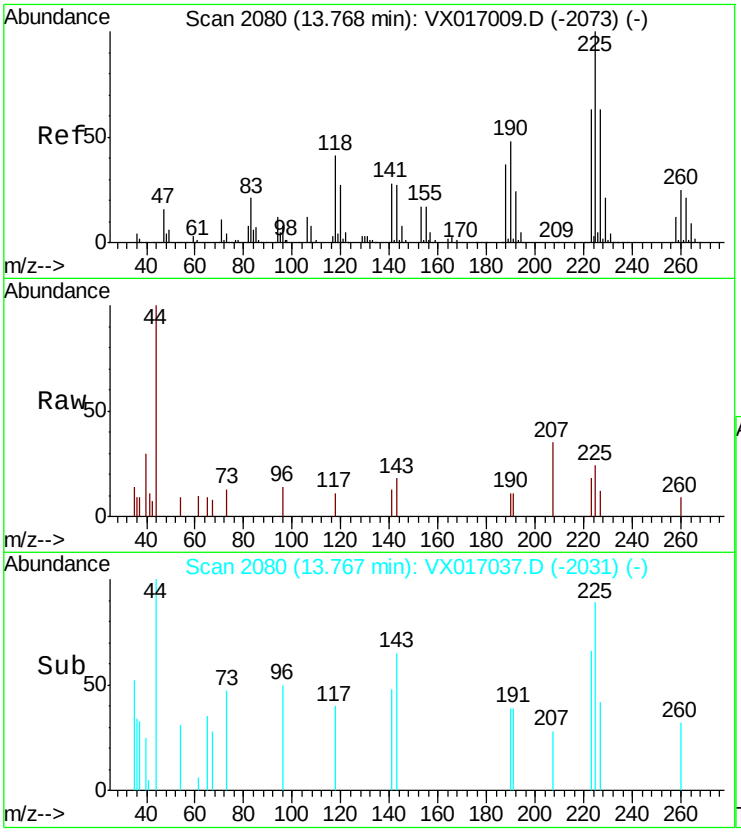


#84
1,2,4-Trimethylbenzene
Concen: 0.237 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Tgt Ion:105 Resp: 2833

Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.9	68.5





#94
Hexachlorobutadiene
Concen: 0.961 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX017037.D
Acq: 30 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200623DL

Tgt Ion:225 Resp: 205

Ion	Ratio	Lower	Upper
225	100		
223	54.6	32.5	97.5
227	53.7	33.1	99.2