Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052118\

Quantitation Report (Not Reviewed)

Data File : VX001878.D
Acq On : 21 May 2018 15:31
Operator : JC/MD
Sample : J2986-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS040MW320-180514

Quant Time: May 22 01:50:35 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	280784	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	372922	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	280970	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	147562	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	181554	48.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.48%				
35) Dibromofluoromethane	5.51	113	165229	52.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.00%				
50) Toluene-d8	8.72	98	531467	47.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.30%				
62) 4-Bromofluorobenzene	11.14	95	161481	39.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.58%				
Target Compounds							Qvalue
3) Chloromethane	1.40	50	41366	13.59	ug/l	#	42
4) Vinyl Chloride	1.40	62	7326647	2226.47	ug/l		91
5) Bromomethane	1.65	94	587	Below Cal			93
10) Methyl Iodide	2.52	142	687	0.26	ug/l	#	87
11) Tert butyl alcohol	3.09	59	4273	6.39	ug/l	#	91
12) 1,1-Dichloroethene	2.38	96	38647	13.93	ug/l		95
13) Acrolein	2.29	56	123	0.26	ug/l	#	15
14) Allyl chloride	2.62	41	1460	0.28	ug/l	#	60
15) Acrylonitrile	3.17	53	415	0.25	ug/l	#	1
16) Acetone	2.46	43	1077	0.73	ug/l	#	86
17) Carbon Disulfide	2.58	76	1488	0.21	ug/l		95
18) Methyl Acetate	2.84	43	13795	3.19	ug/l	#	53
21) trans-1,2-Dichloroethene	3.17	96	204345	66.84	ug/l		99
24) 1,1-Dichloroethane	3.70	63	2792	0.52	ug/l		92
27) cis-1,2-Dichloroethene	4.61	96	19638907	5645.12	ug/l		84
29) Tetrahydrofuran	5.19	42	571	0.39	ug/l	#	64
31) Cyclohexane	5.58	56	17349	3.67	ug/l		98
36) 1,1-Dichloropropene	5.67	75	15772	3.67	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	22451	4.99	ug/l	#	16
39) Methylcyclohexane	7.46	83	15351	3.06	ug/l		88
42) 1,2-Dichloroethane	6.20	62	947	0.21	ug/l		94
51) 4-Methyl-2-Pentanone	8.68	43	1918	0.43	ug/l	#	36
52) Toluene	8.79	92	8284	1.02	ug/l		97
55) 1,1,2-Trichloroethane	9.17	97	8881	2.86	ug/l	#	20
56) Ethyl methacrylate	9.17	69	2179	0.49	ug/l	#	1
59) 2-Hexanone	9.32	43	945	0.30	ug/l		70
65) Chlorobenzene	10.15	112	27020	3.50	ug/l		97
76) 1,2,3-Trichloropropane	11.14	75	74707	26.62	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	74707	77.40	ug/l	#	10
90) Hexachloroethane	12.76	117	398	0.28	ug/l	#	1

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

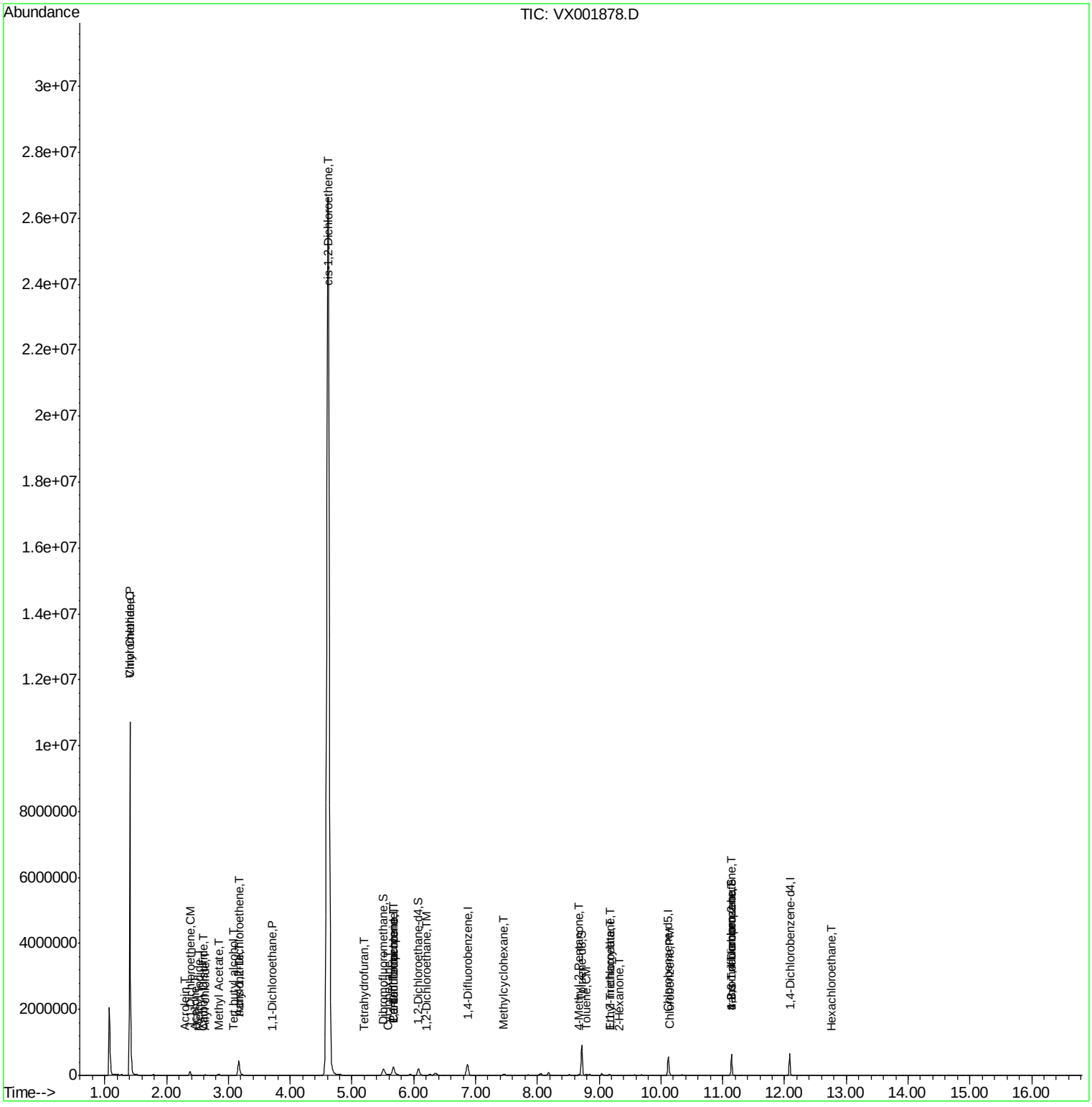
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052118\

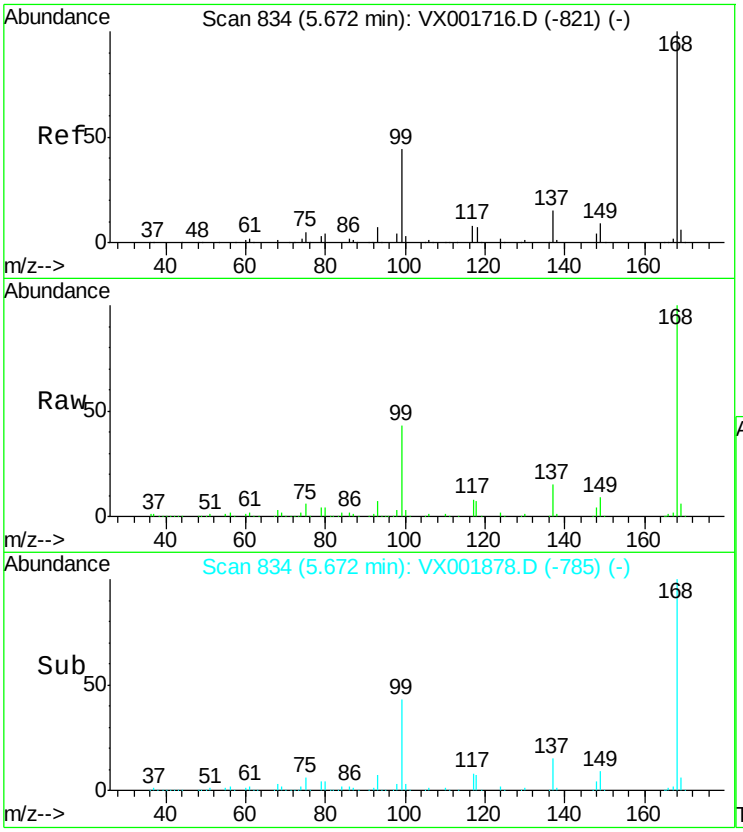
Quantitation Report (Not Reviewed)

Data File : VX001878.D
Acq On : 21 May 2018 15:31
Operator : JC/MD
Sample : J2986-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Quant Time: May 22 01:50:35 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration



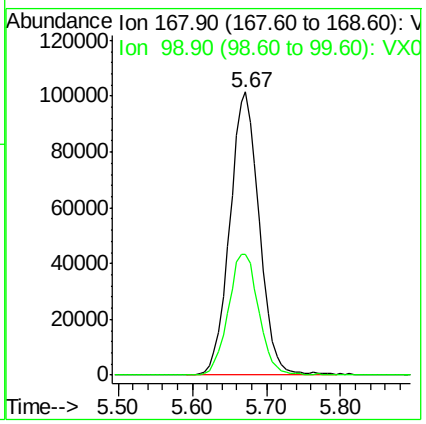


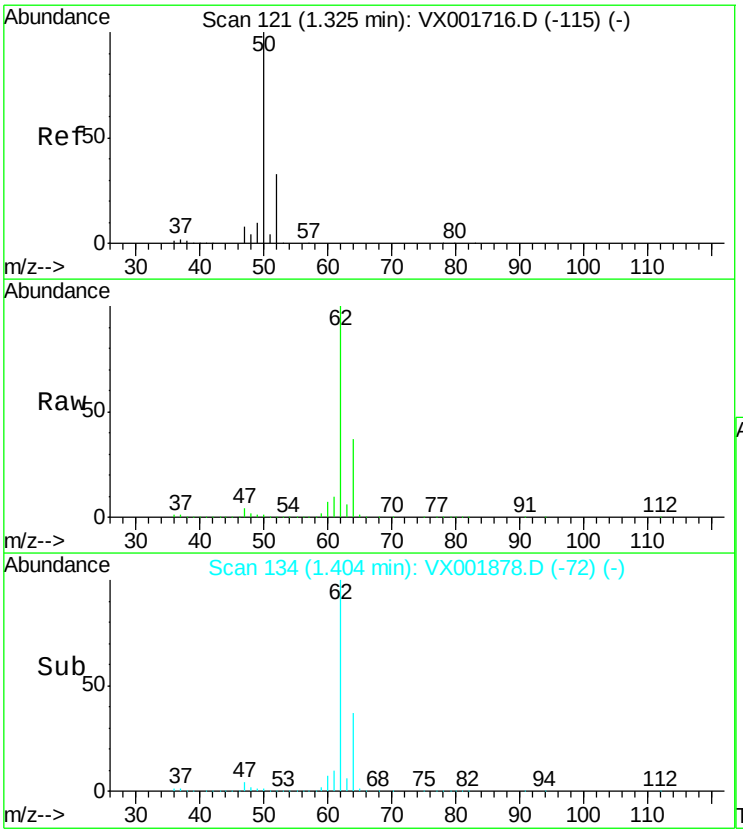
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion:168 Resp: 280784

Ion	Ratio	Lower	Upper
168	100		
99	42.8	35.0	52.4

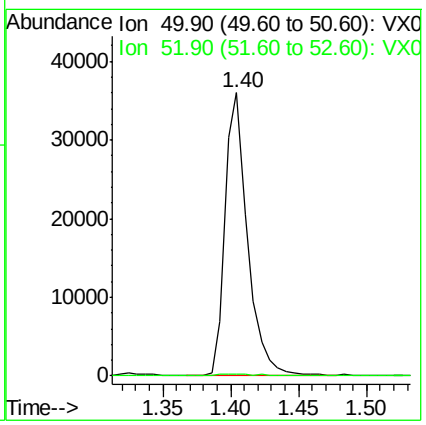


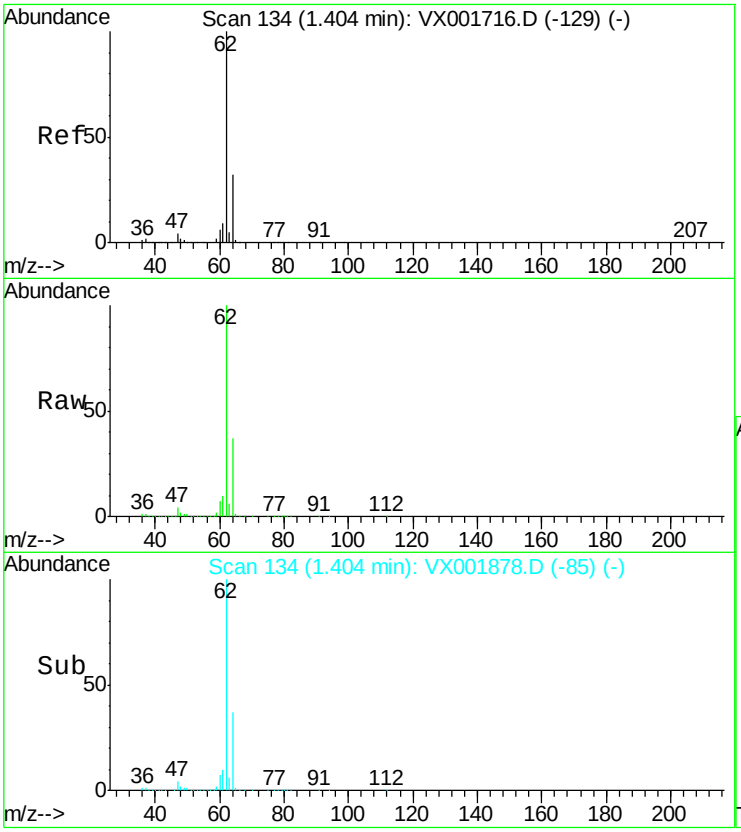


#3
Chloromethane
Concen: 13.59 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.08 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 50 Resp: 41366

Ion	Ratio	Lower	Upper
50	100		
52	0.4	26.3	39.5#



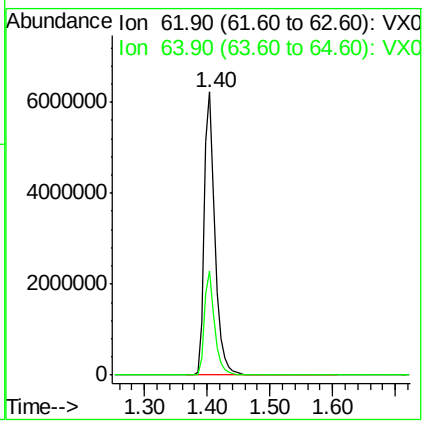


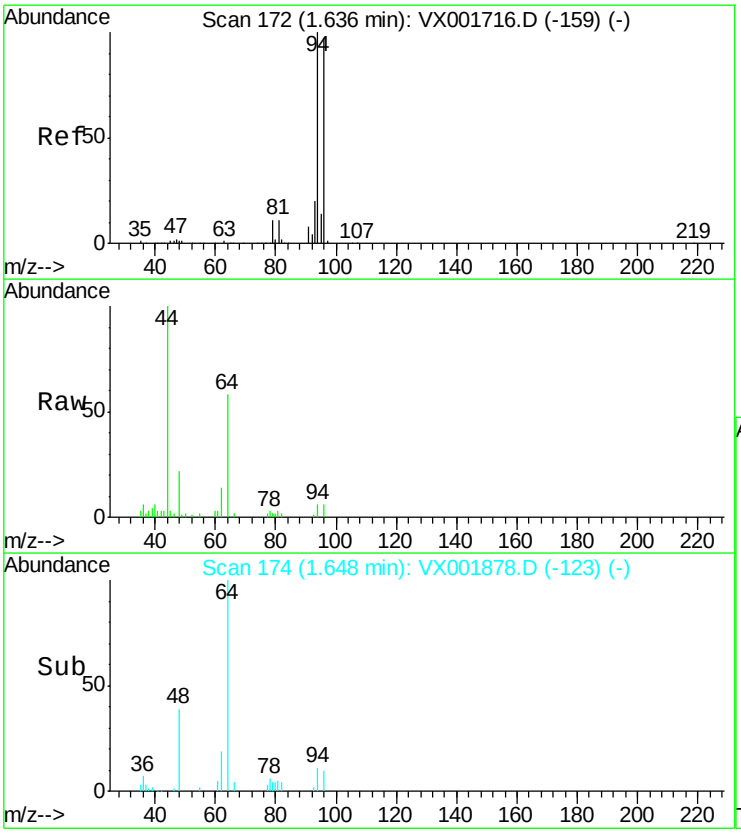
#4
Vinyl Chloride
Concen: 2226.47 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion: 62 Resp: 7326647

Ion	Ratio	Lower	Upper
62	100		
64	37.0	25.6	38.4

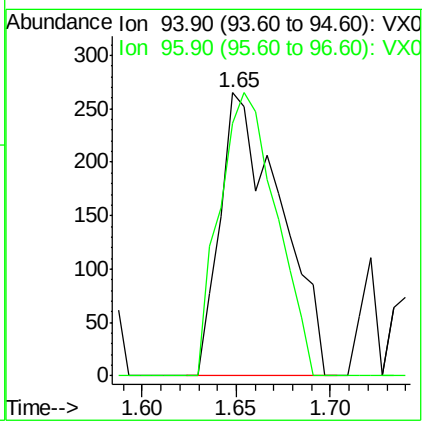


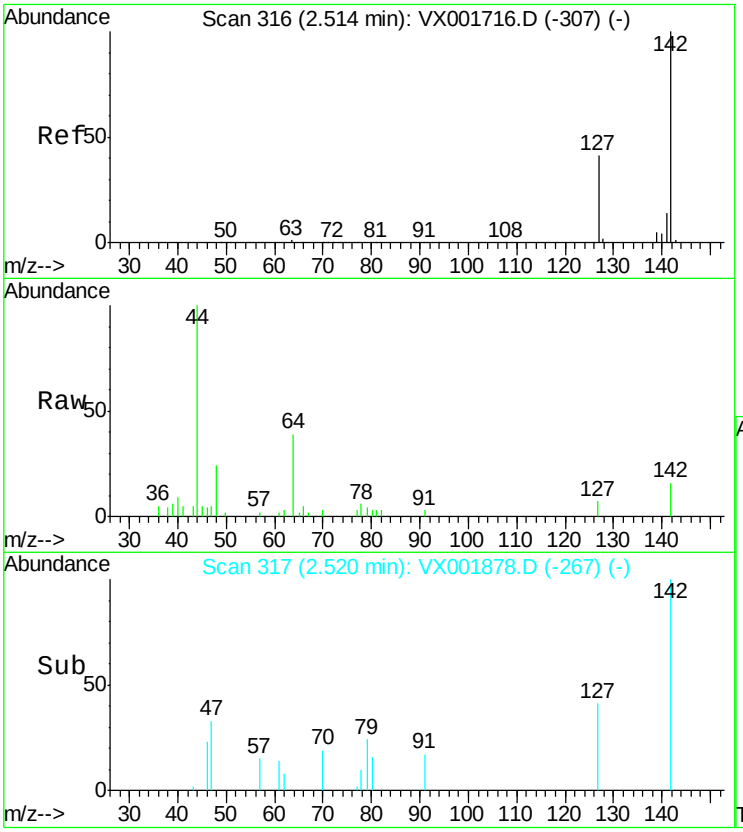


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 94 Resp: 587

Ion	Ratio	Lower	Upper
94	100		
96	89.4	77.4	116.0



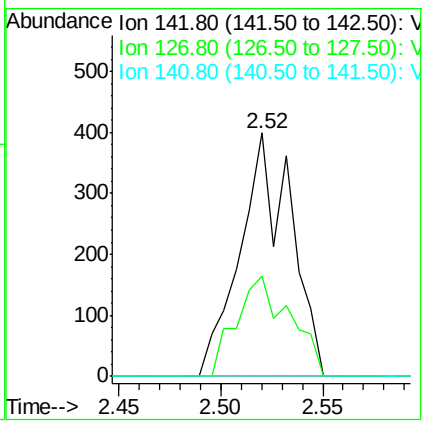


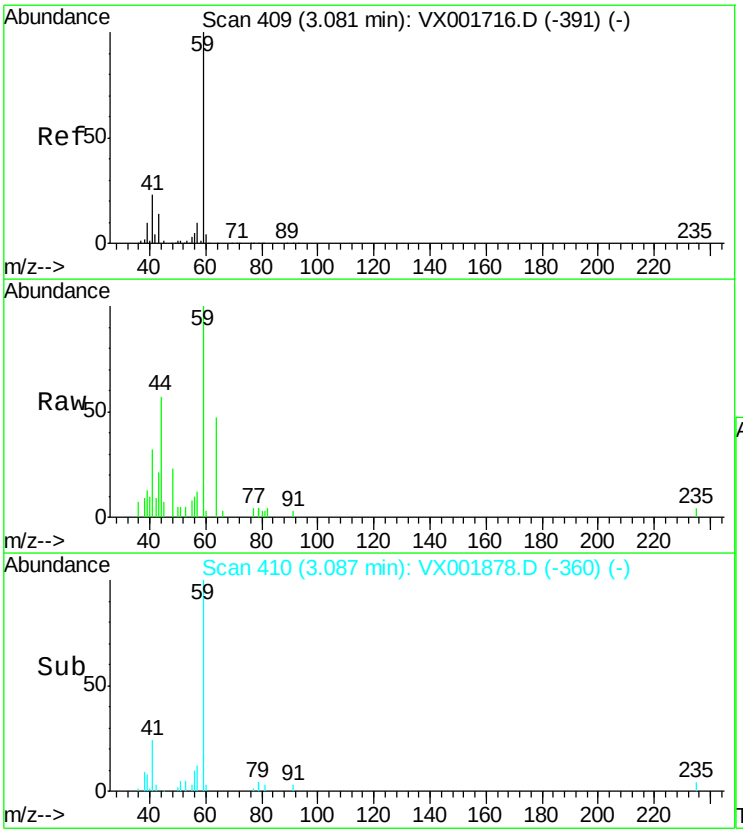
#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion:142 Resp: 687

Ion	Ratio	Lower	Upper
142	100		
127	43.7	32.5	48.7
141	0.0	11.4	17.0#

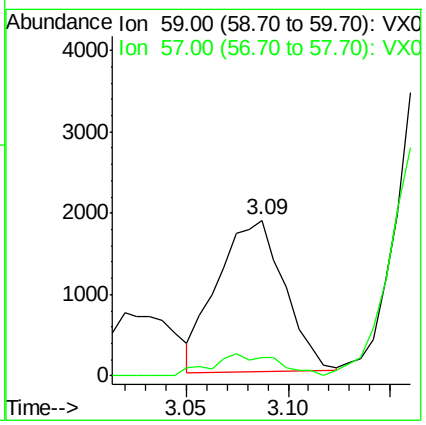


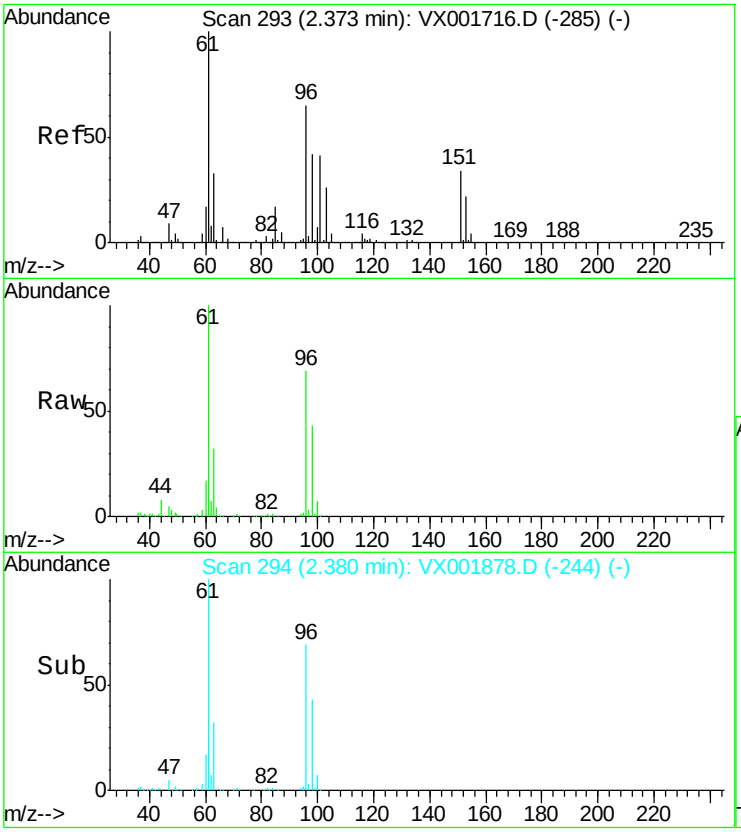


#11
Tert butyl alcohol
Concen: 6.39 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 59 Resp: 4273

Ion	Ratio	Lower	Upper
59	100		
57	14.1	8.5	12.7#



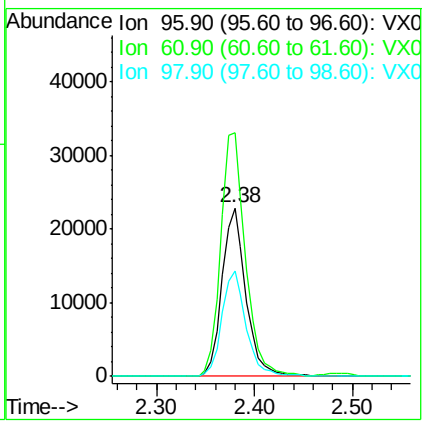


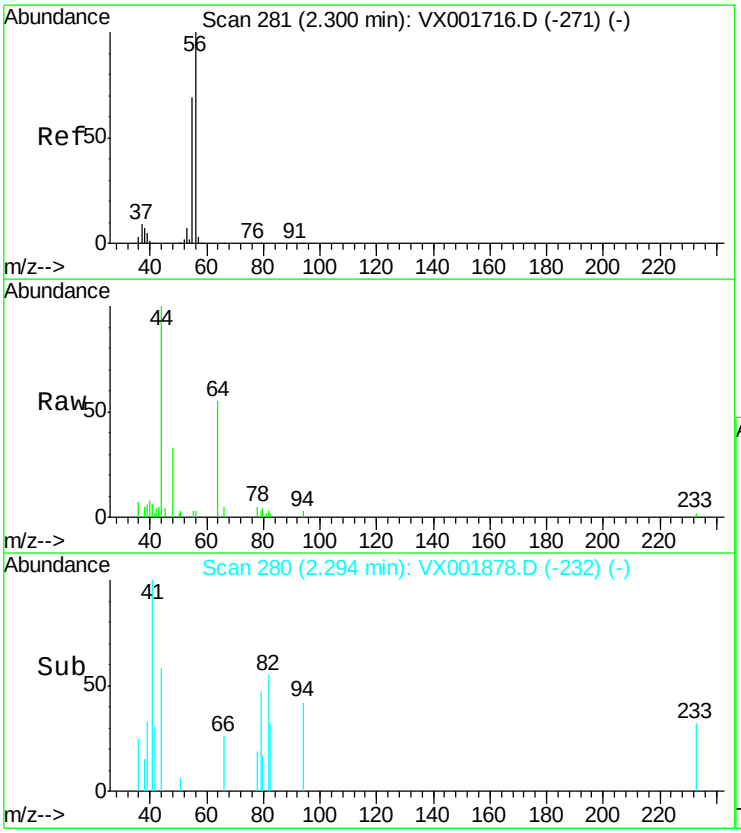
#12
1,1-Dichloroethene
Concen: 13.93 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument : MSVOA_X
ClientSampleId : SS040MW320-180514

Tgt Ion: 96 Resp: 38647

Ion	Ratio	Lower	Upper
96	100		
61	144.9	122.2	183.2
98	62.6	51.4	77.0

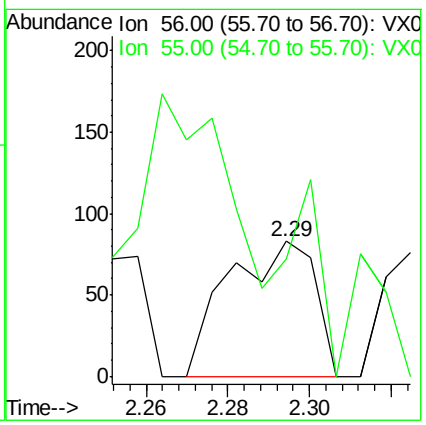


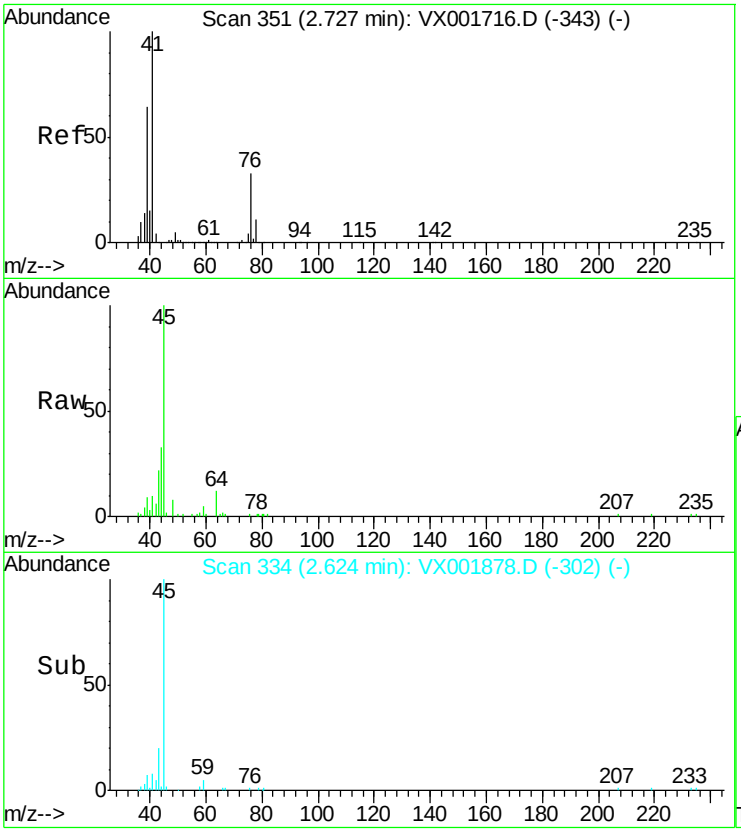


#13
Acrolein
Concen: 0.26 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 56 Resp: 123

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.2#



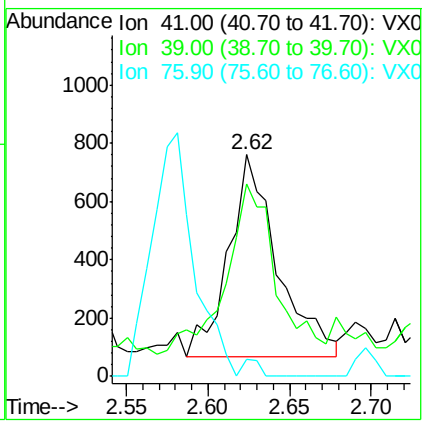


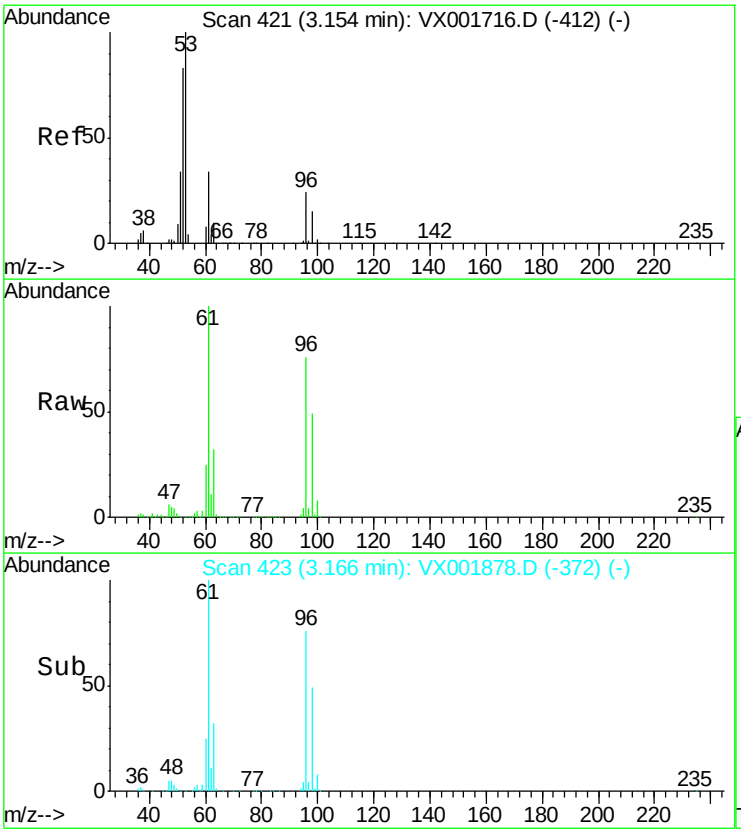
#14
Allyl chloride
Concen: 0.28 ug/l
RT: 2.62 min Scan# 334
Delta R.T. -0.10 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion: 41 Resp: 1460

Ion	Ratio	Lower	Upper
41	100		
39	85.8	49.8	74.6#
76	0.0	25.8	38.8#

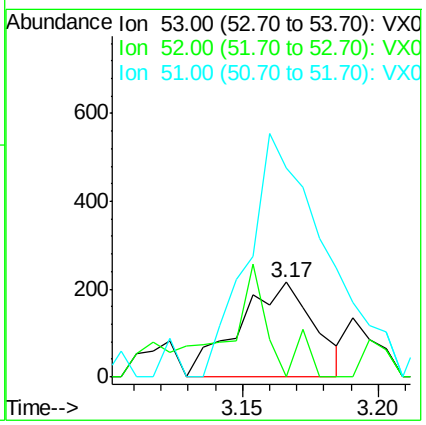


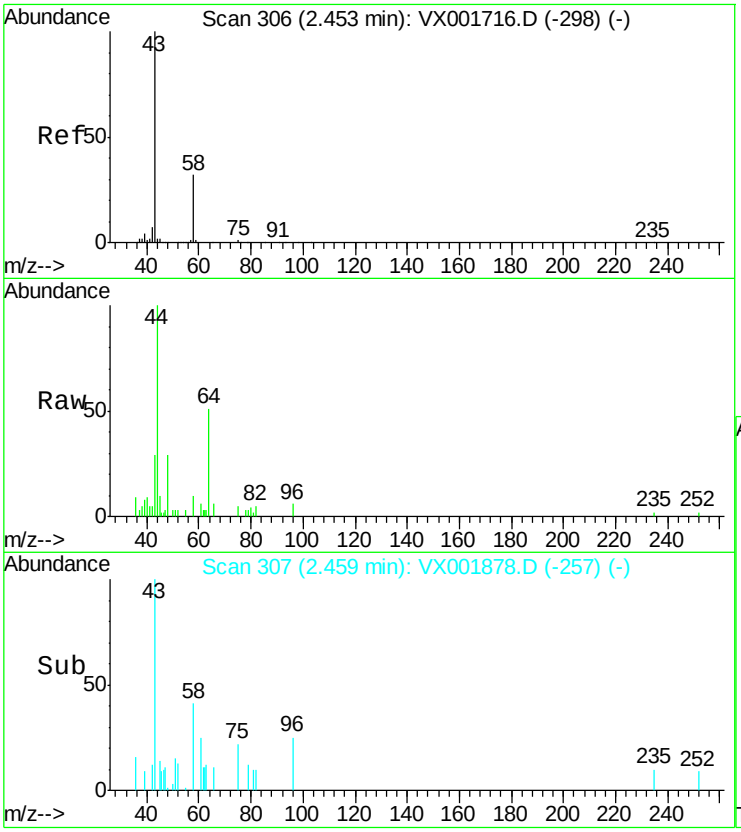


#15
Acrylonitrile
Concen: 0.25 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 53 Resp: 415

Ion	Ratio	Lower	Upper
53	100		
52	44.3	65.6	98.4#
51	274.9	28.1	42.1#



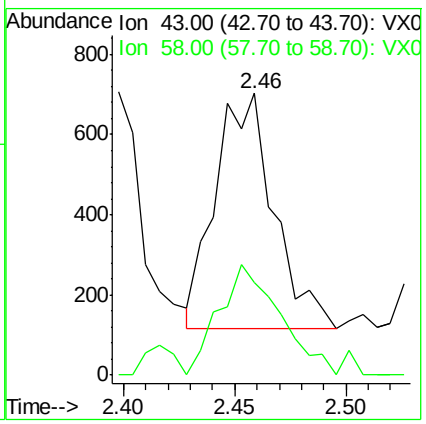


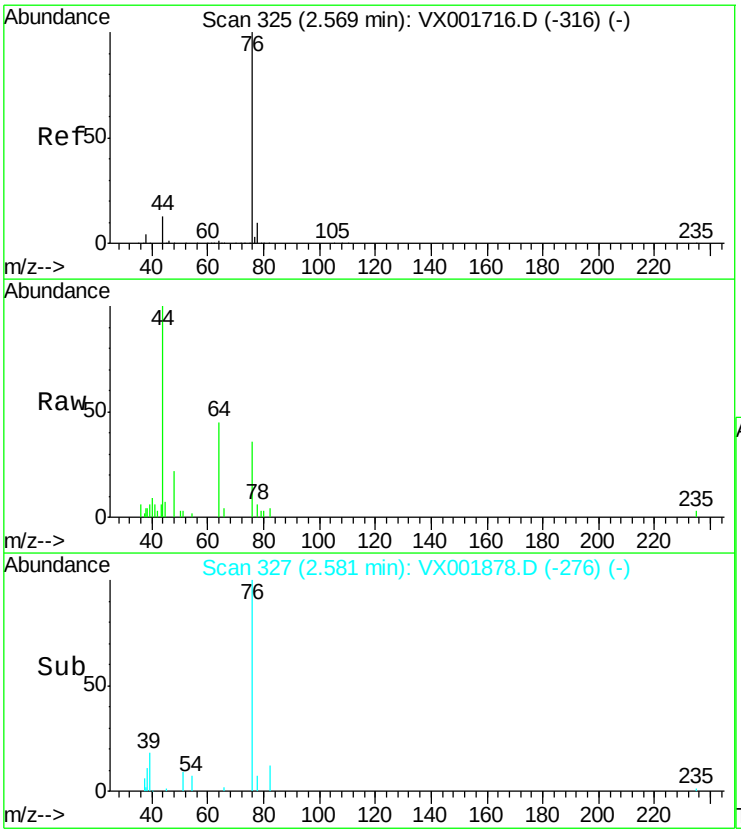
#16
Acetone
Concen: 0.73 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion: 43 Resp: 1077

Ion	Ratio	Lower	Upper
43	100		
58	39.5	25.3	37.9#

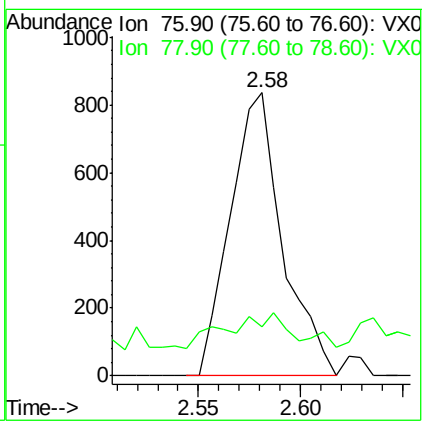


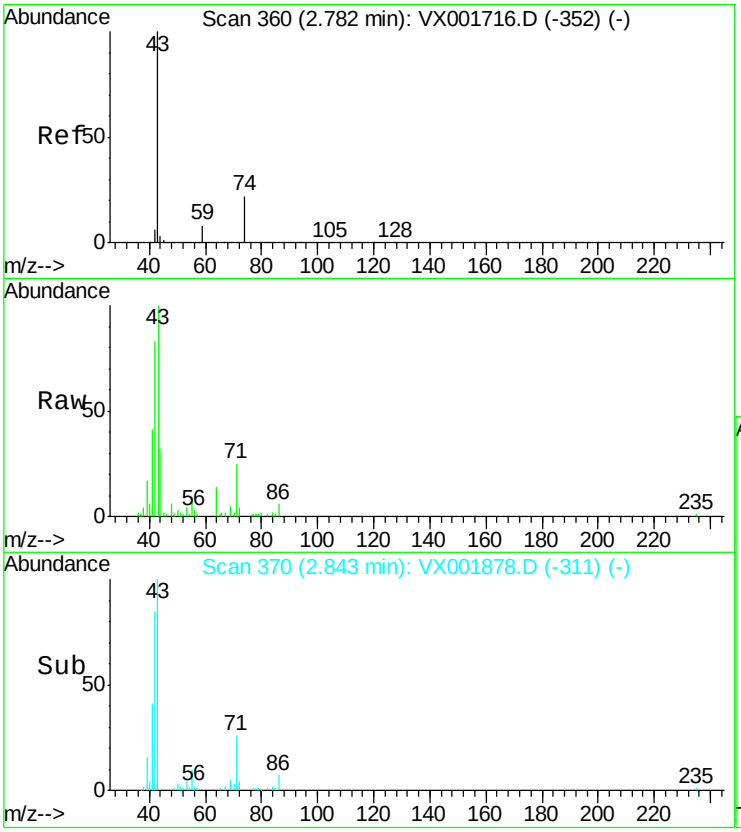


#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 76 Resp: 1488

Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.6	11.4



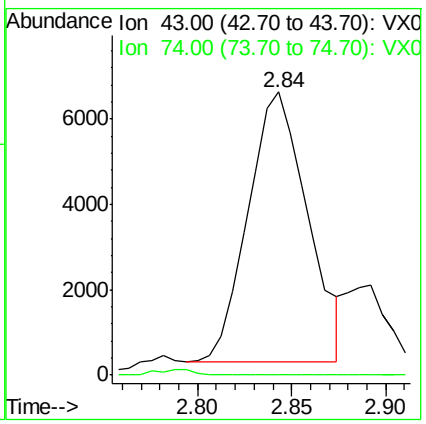


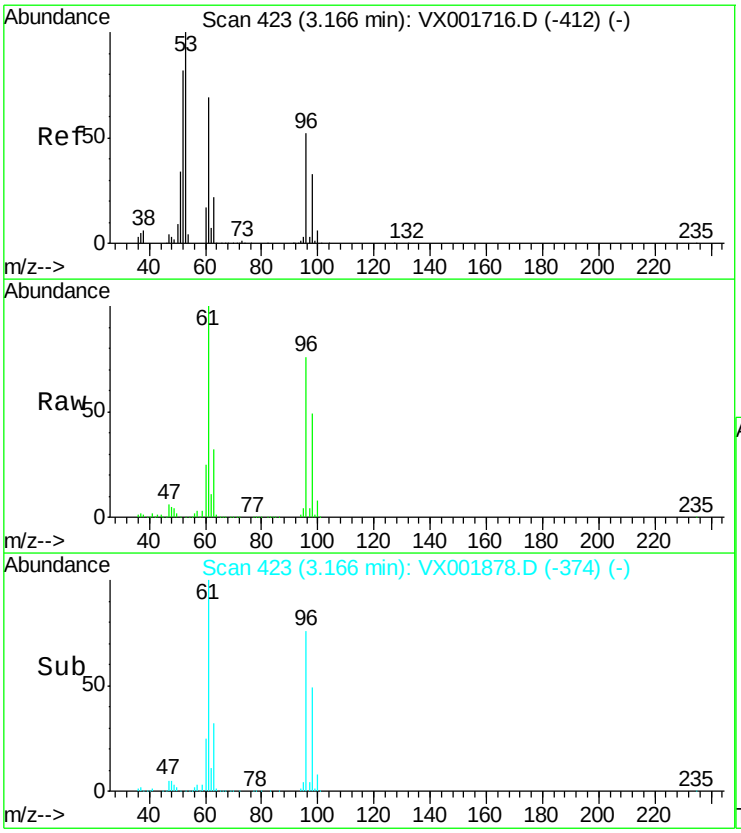
#18
Methyl Acetate
Concen: 3.19 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion: 43 Resp: 13795

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.2	27.2#

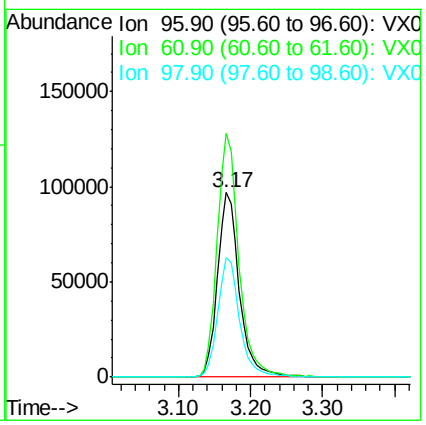


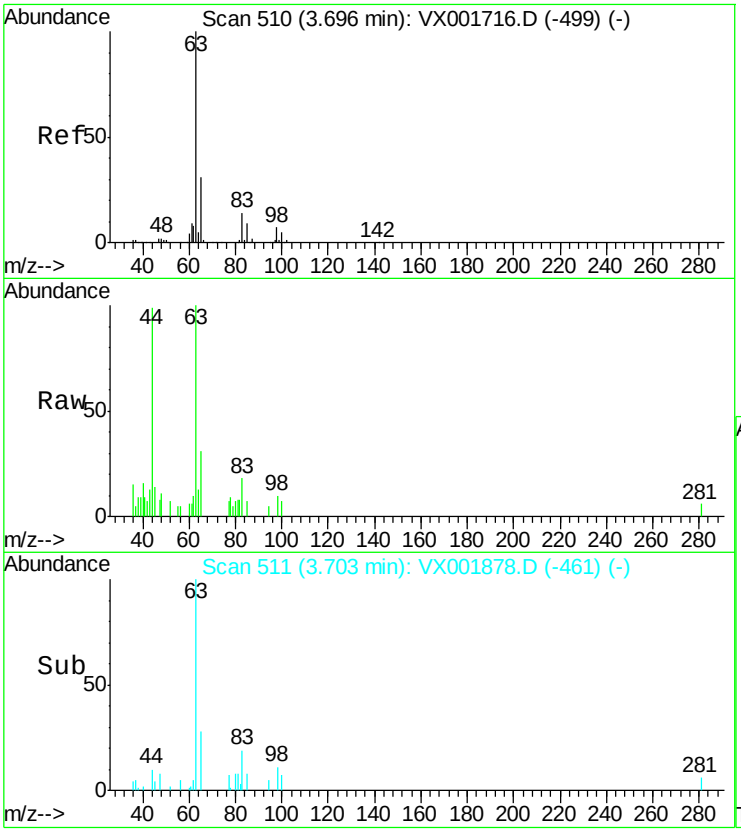


#21
trans-1,2-Dichloroethene
Concen: 66.84 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 96 Resp: 204345

Ion	Ratio	Lower	Upper
96	100		
61	132.0	105.8	158.8
98	64.9	50.2	75.4



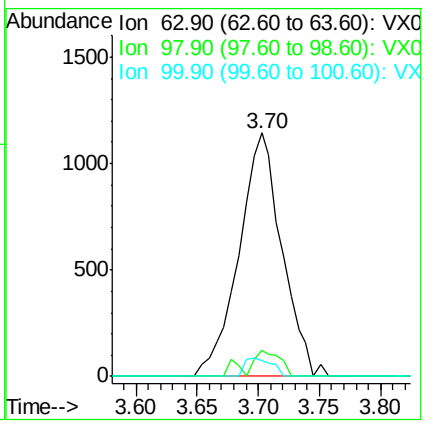


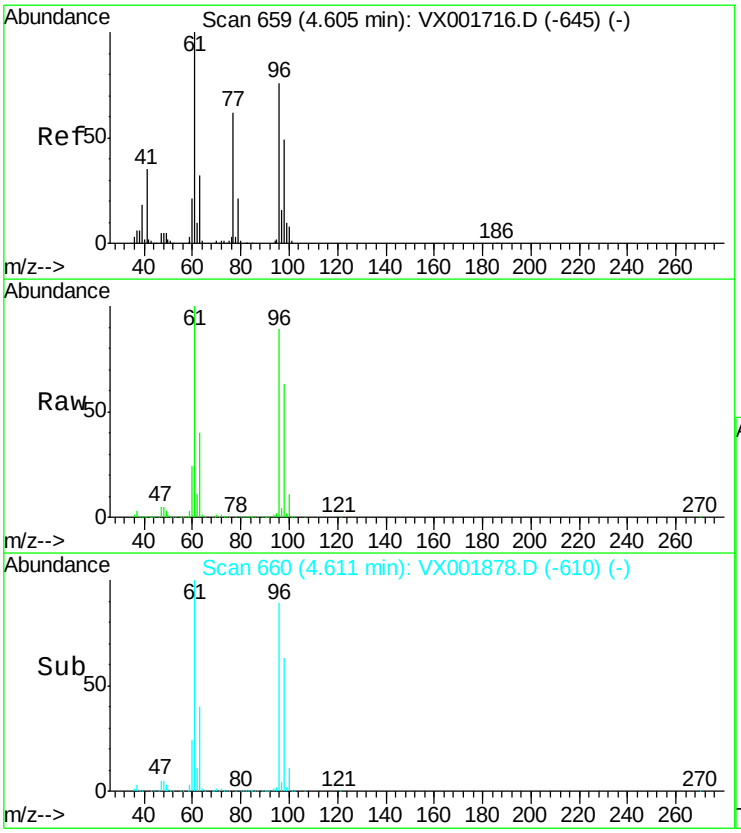
#24
1,1-Dichloroethane
Concen: 0.52 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.01 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion: 63 Resp: 2792

Ion	Ratio	Lower	Upper
63	100		
98	10.5	3.7	11.1
100	6.7	2.4	7.2

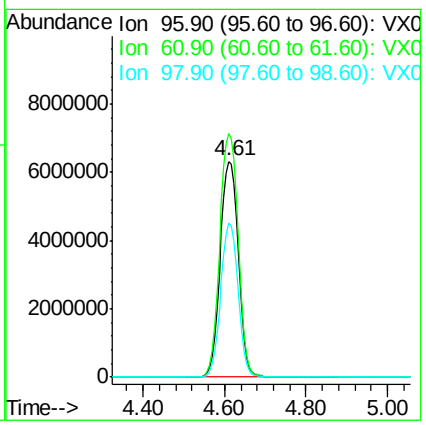


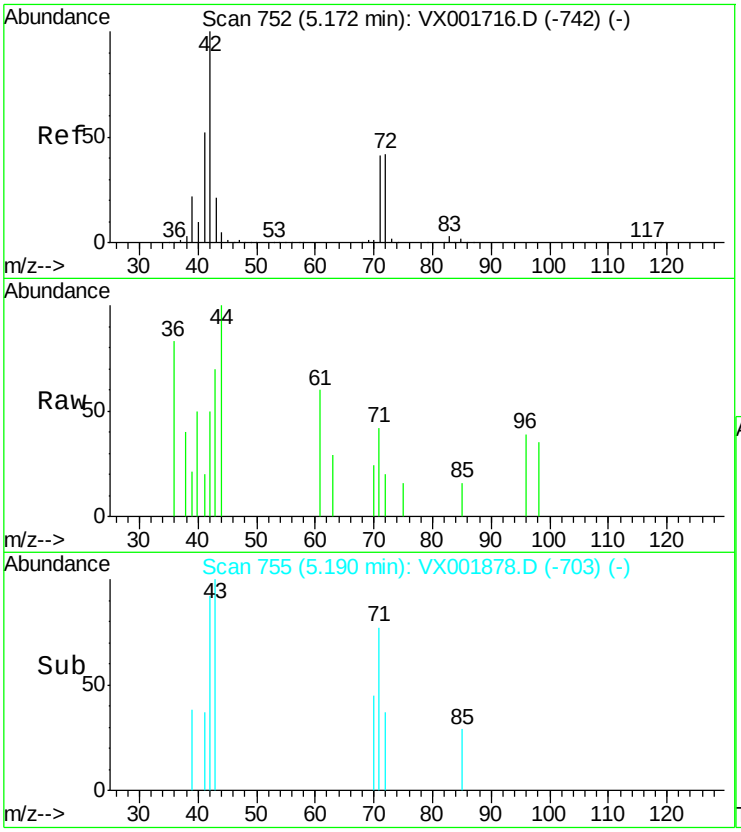


#27
cis-1,2-Dichloroethene
Concen: 5645.12 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 96 Resp:19638907

Ion	Ratio	Lower	Upper
96	100		
61	114.8	0.0	280.4
98	68.6	0.0	128.4



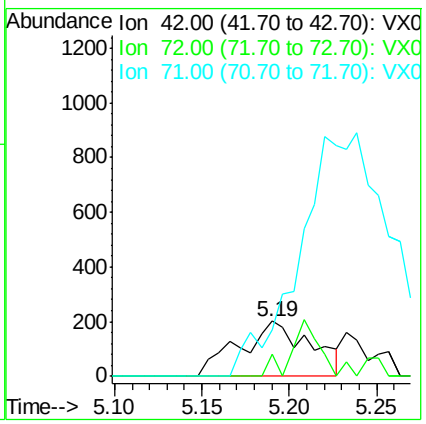


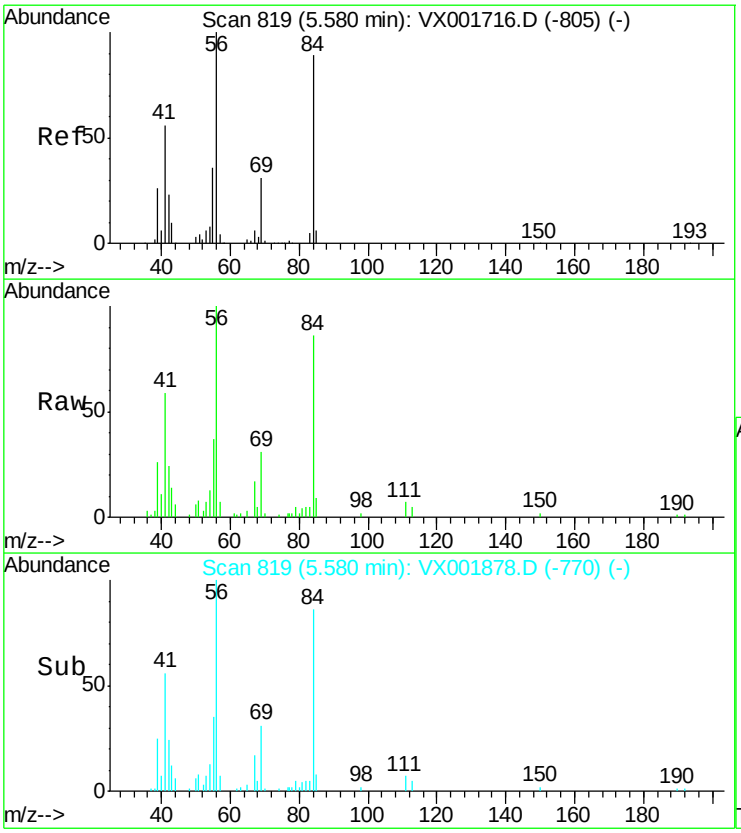
#29
Tetrahydrofuran
Concen: 0.39 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion: 42 Resp: 571

Ion	Ratio	Lower	Upper
42	100		
72	39.2	35.4	53.2
71	0.0	33.2	49.8#

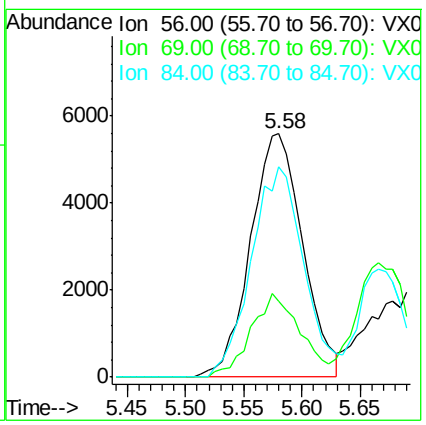


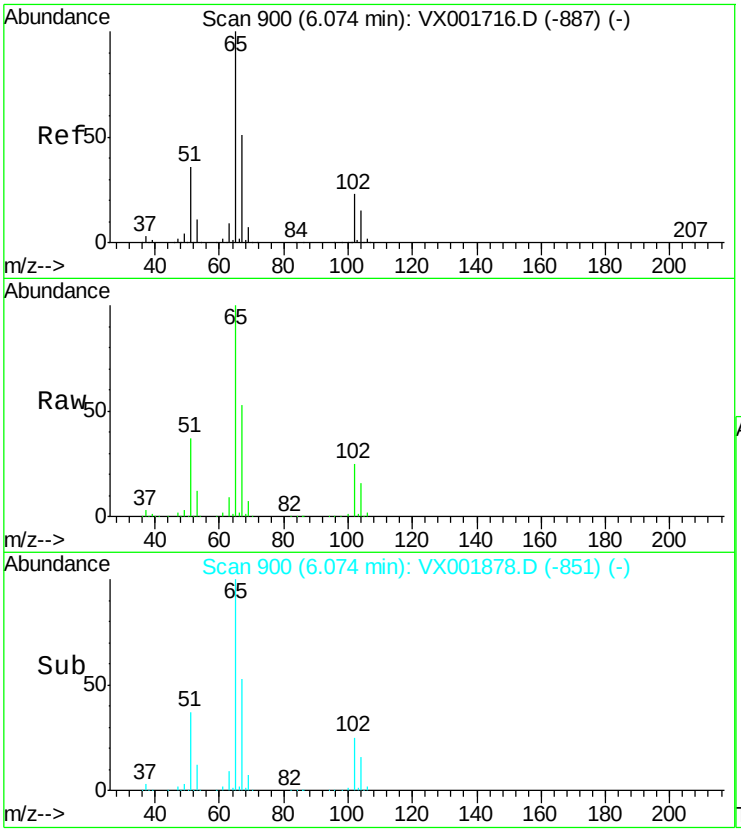


#31
Cyclohexane
Concen: 3.67 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 56 Resp: 17349

Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.0	37.6
84	86.2	71.0	106.4



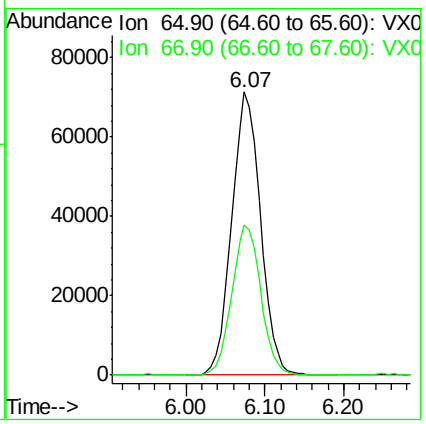


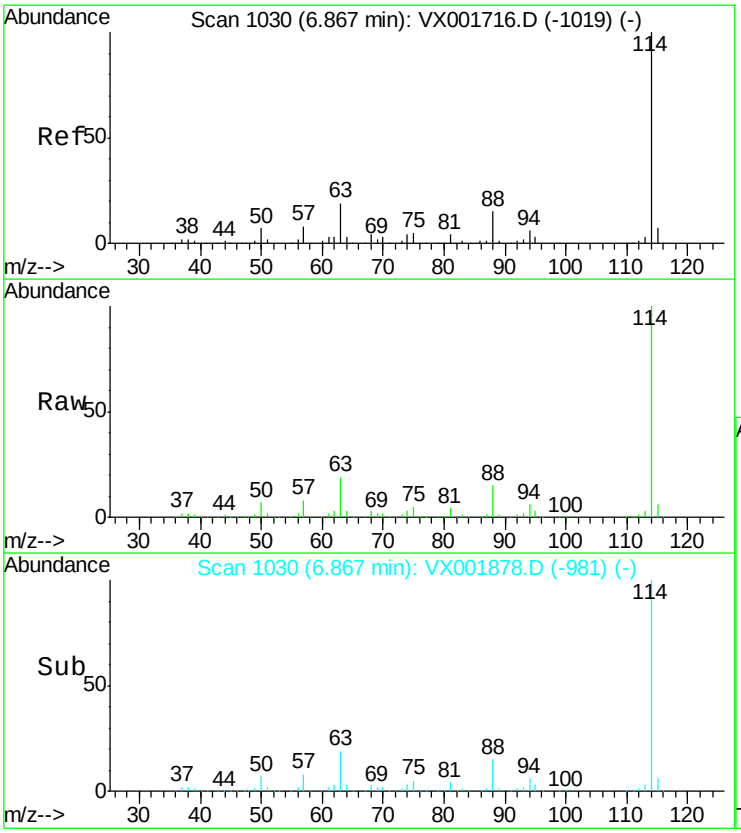
#33
1,2-Dichloroethane-d4
Concen: 48.24 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion: 65 Resp: 181554

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	102.8

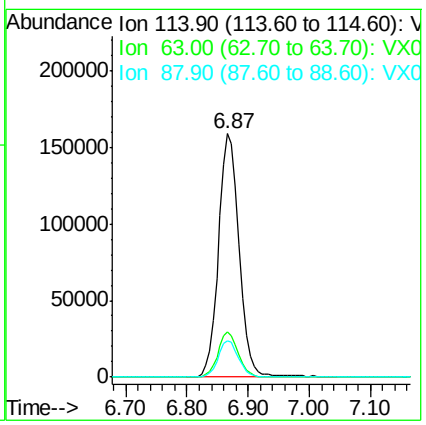


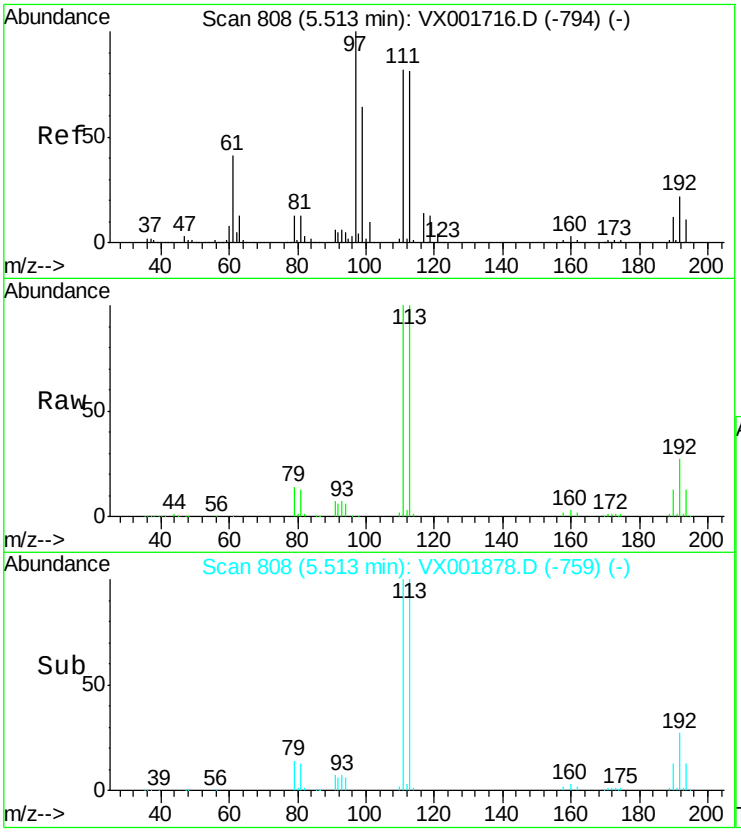


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion:114 Resp: 372922

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	37.0
88	15.0	0.0	29.8



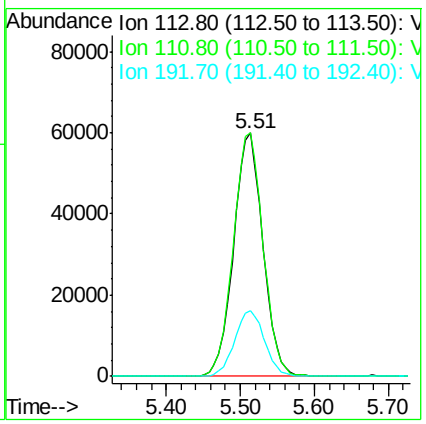


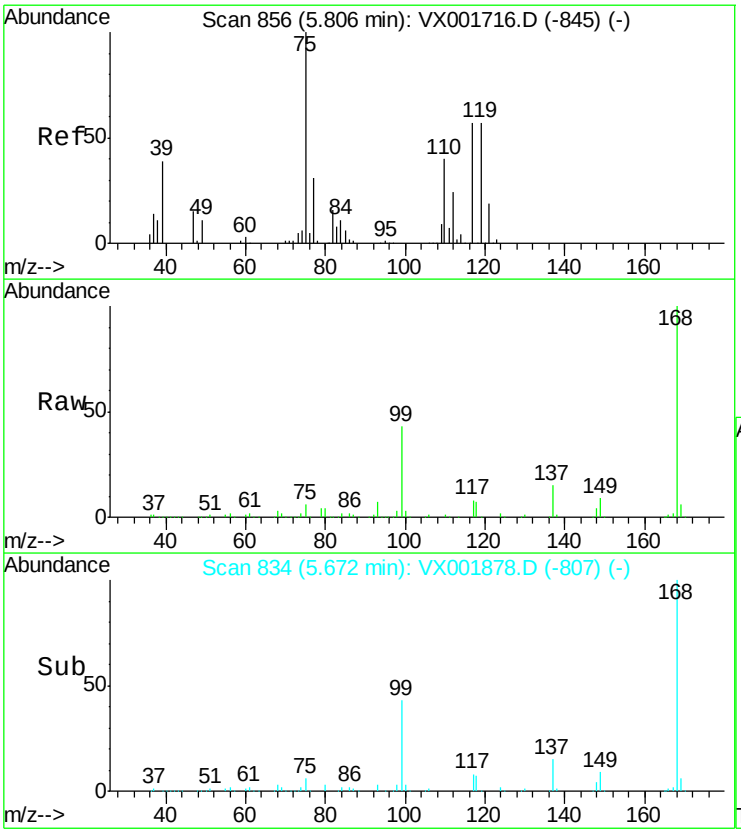
#35
Dibromofluoromethane
Concen: 52.50 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion:113 Resp: 165229

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	27.4	21.6	32.4

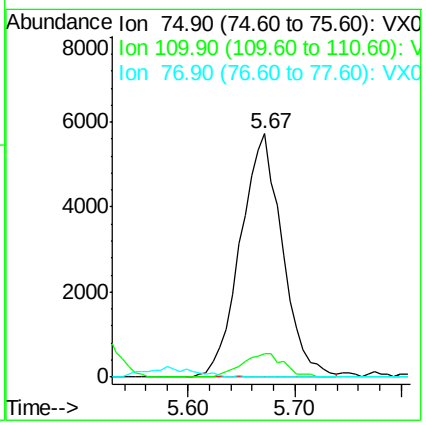


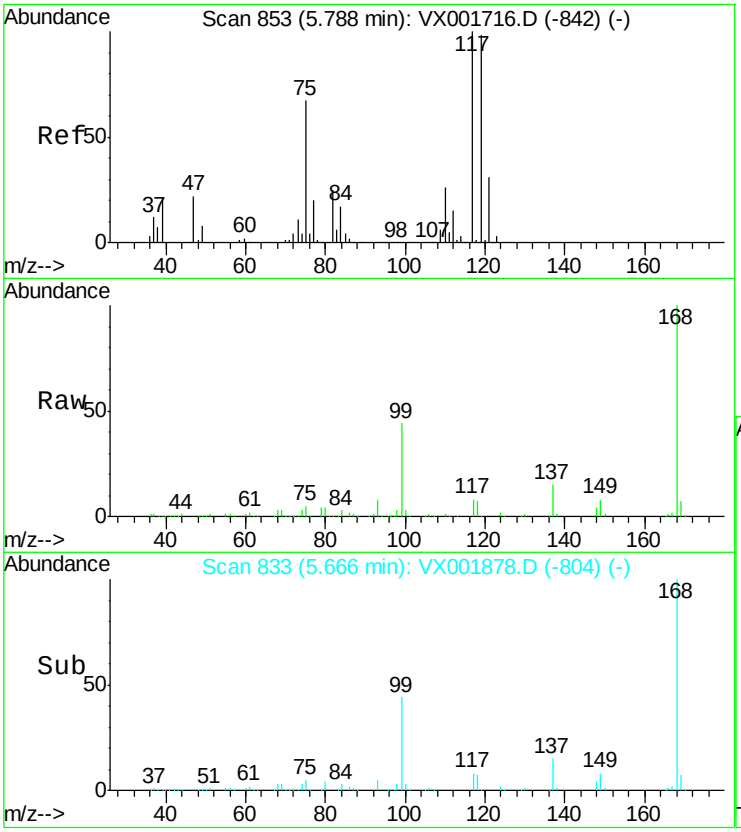


#36
1,1-Dichloropropene
Concen: 3.67 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 75 Resp: 15772

Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.1	57.1#
77	0.0	24.6	37.0#



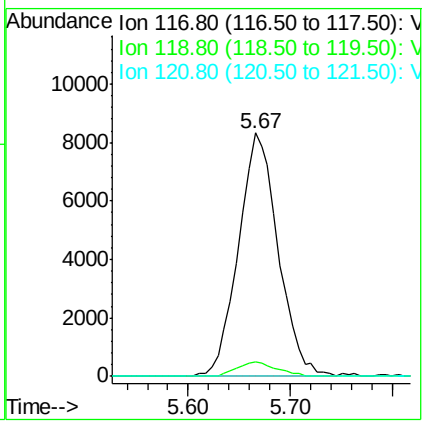


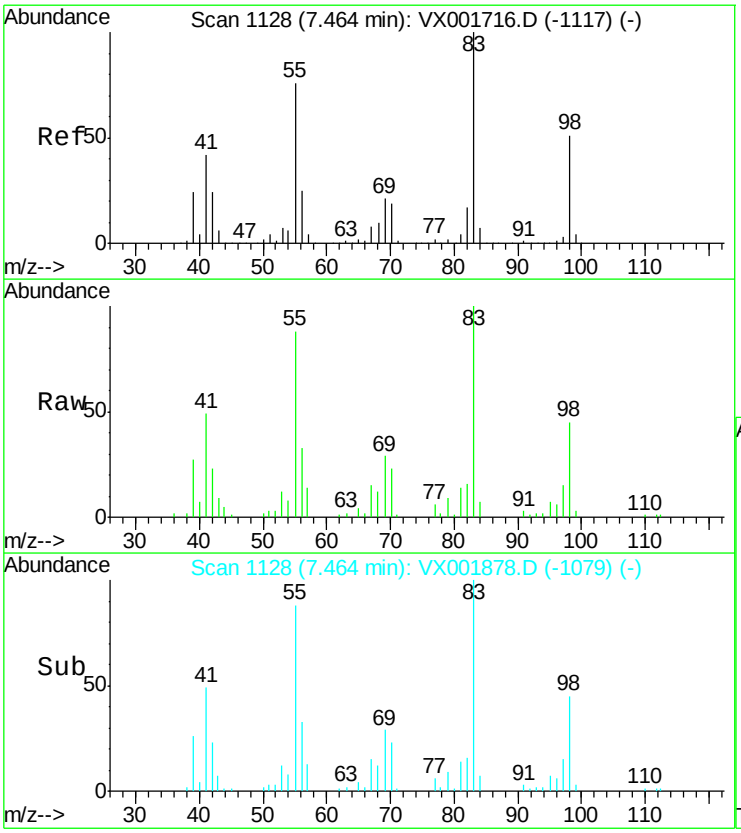
#38
Carbon Tetrachloride
Concen: 4.99 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion:117 Resp: 22451

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.6	116.4#
121	0.0	24.6	36.8#

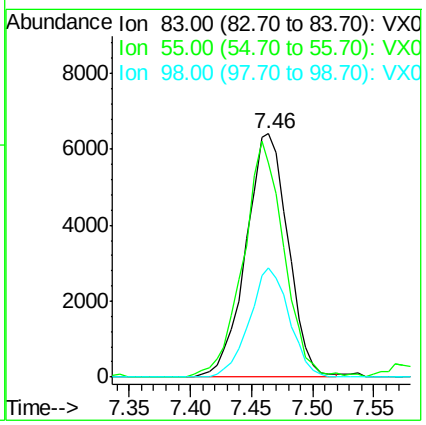


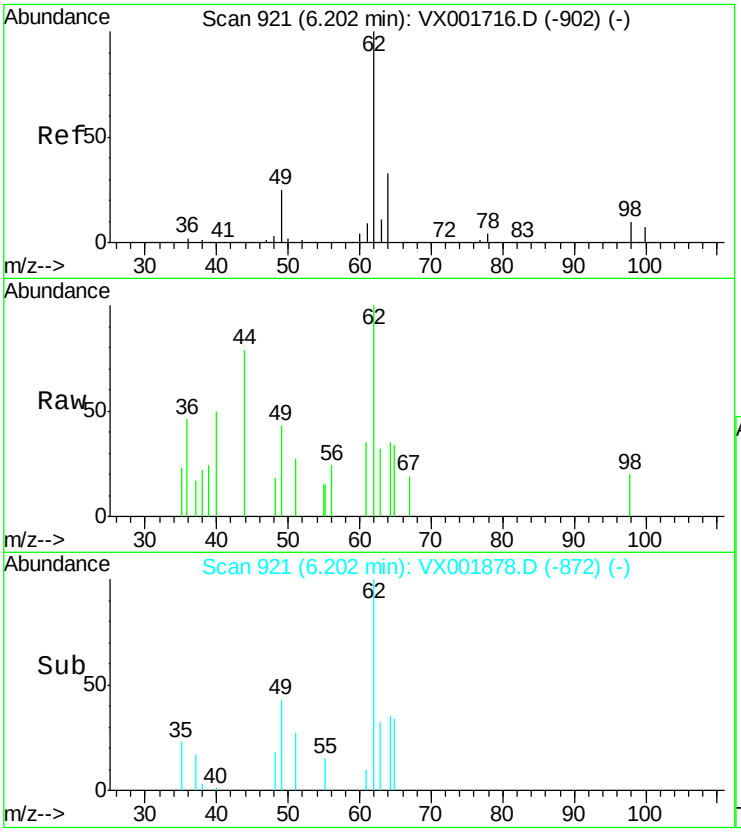


#39
Methylcyclohexane
Concen: 3.06 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 83 Resp: 15351

Ion	Ratio	Lower	Upper
83	100		
55	87.9	60.6	90.8
98	44.7	40.4	60.6



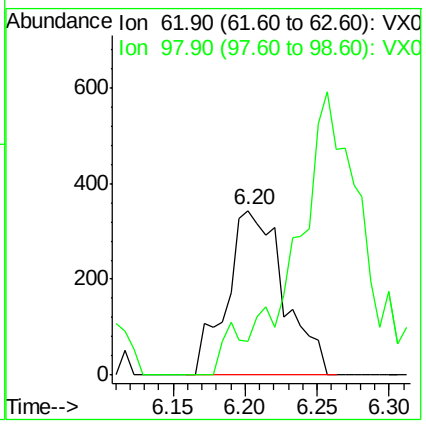


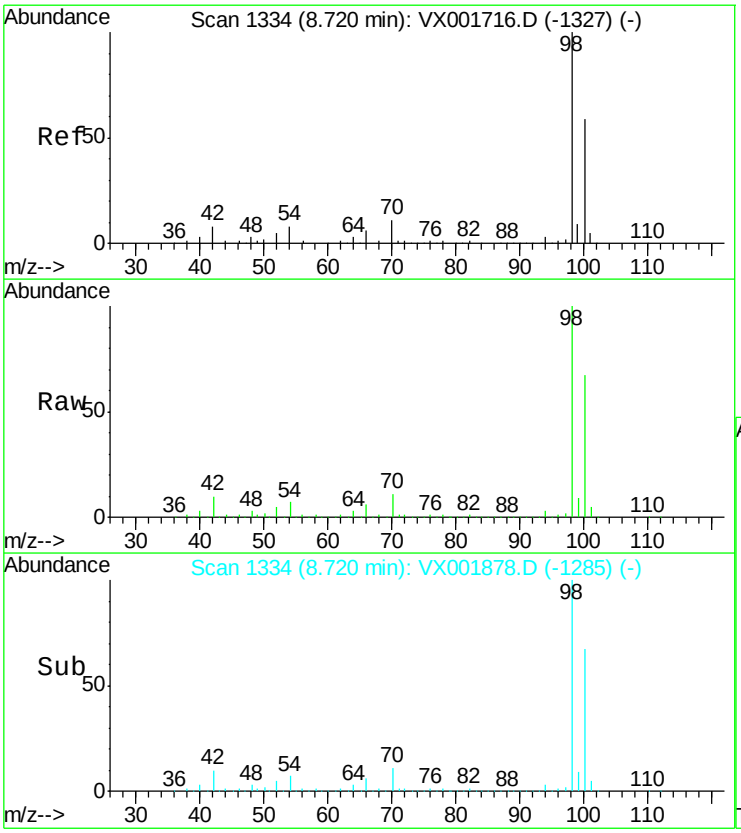
#42
1,2-Dichloroethane
Concen: 0.21 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion: 62 Resp: 947

Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	20.0

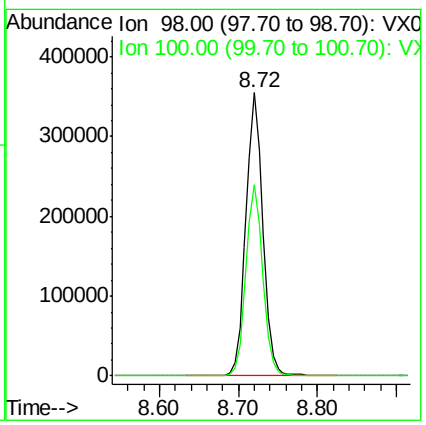


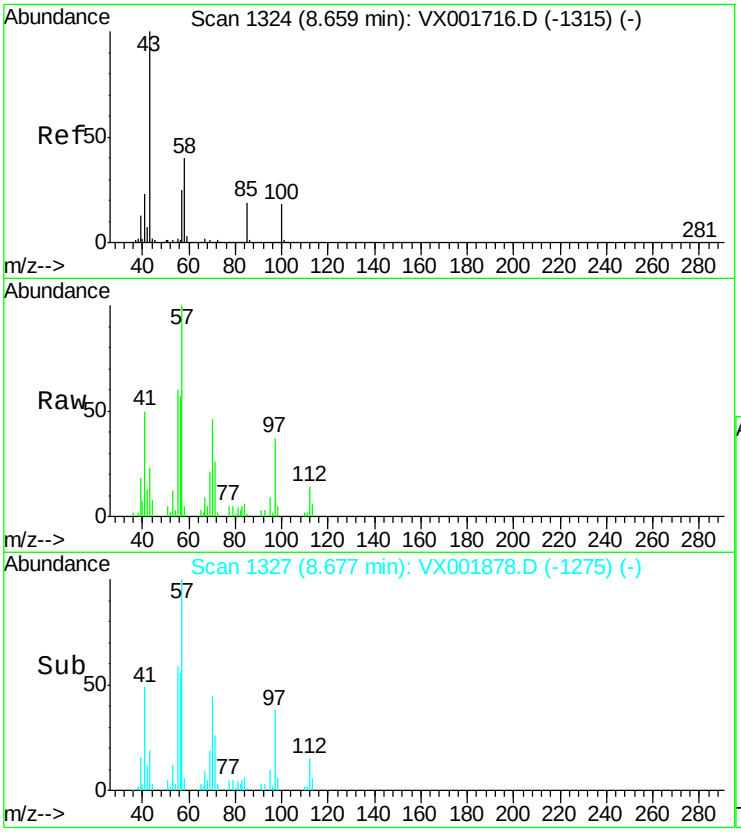


#50
Toluene-d8
Concen: 47.15 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 98 Resp: 531467

Ion	Ratio	Lower	Upper
98	100		
100	67.1	54.0	81.0



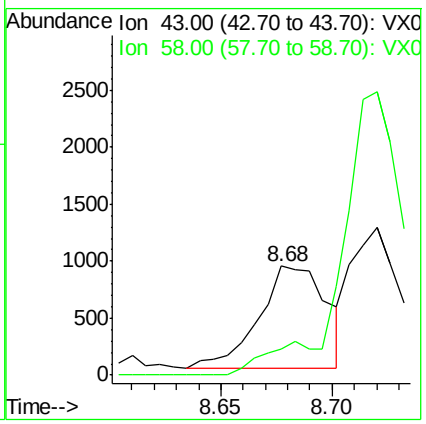


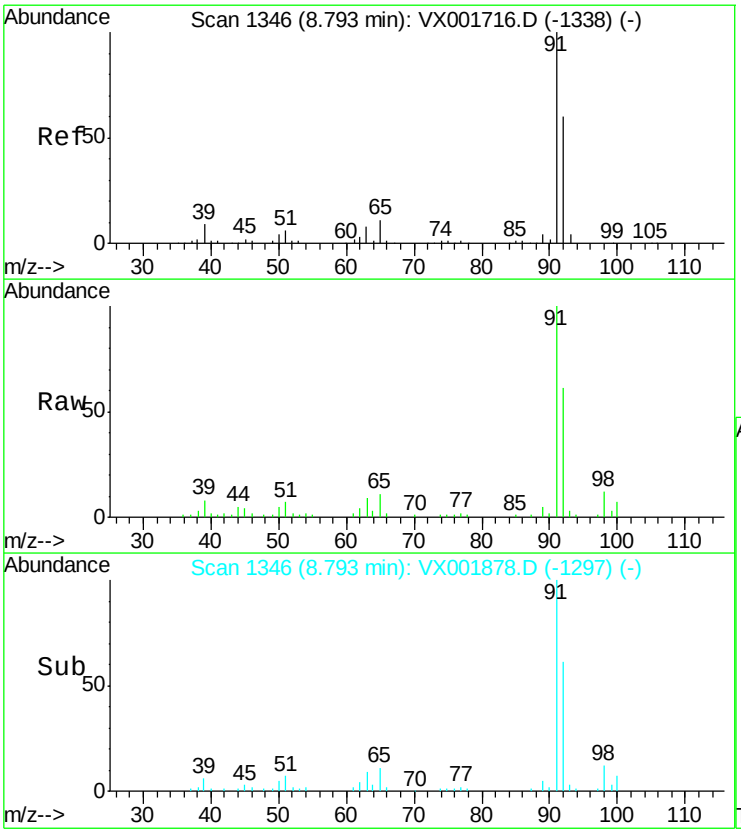
#51
4-Methyl-2-Pentanone
Concen: 0.43 ug/l
RT: 8.68 min Scan# 1327
Delta R.T. 0.02 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion: 43 Resp: 1918

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.4	47.0#

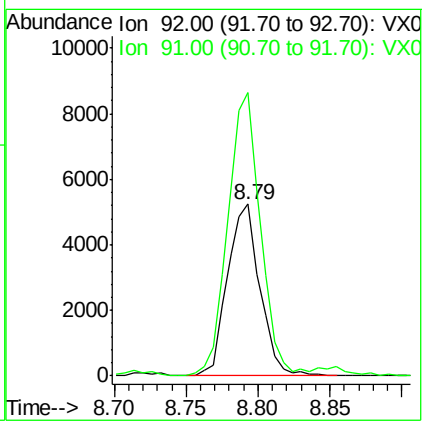


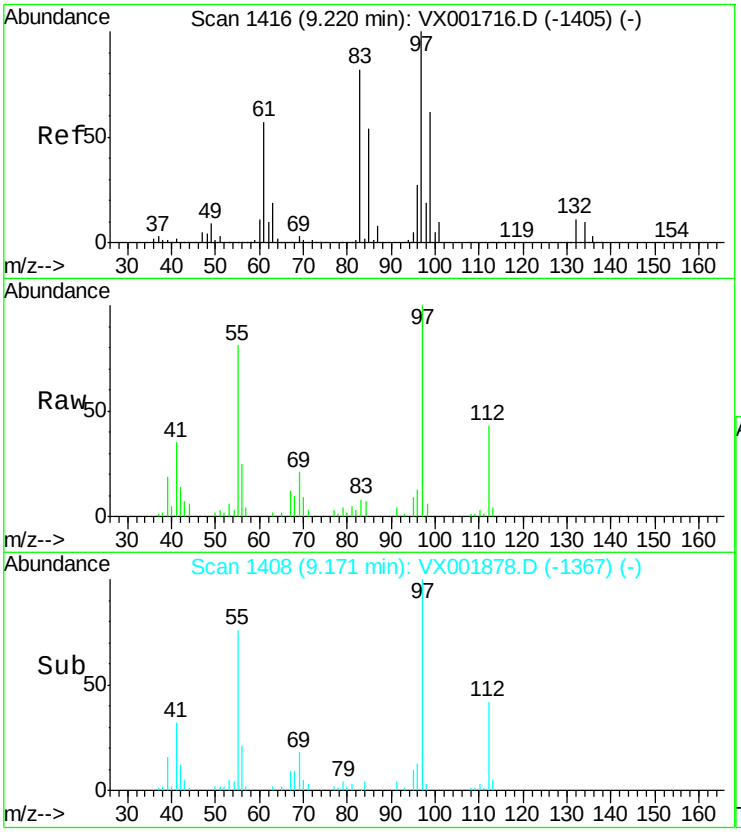


#52
Toluene
Concen: 1.02 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 92 Resp: 8284

Ion	Ratio	Lower	Upper
92	100		
91	165.9	135.5	203.3



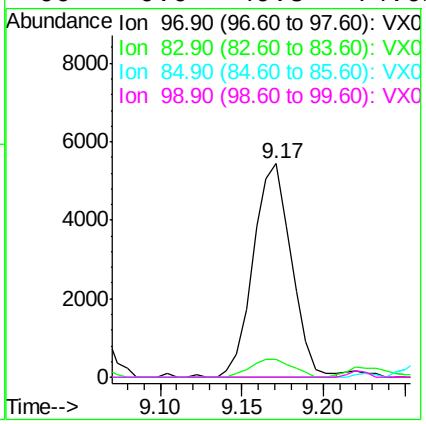


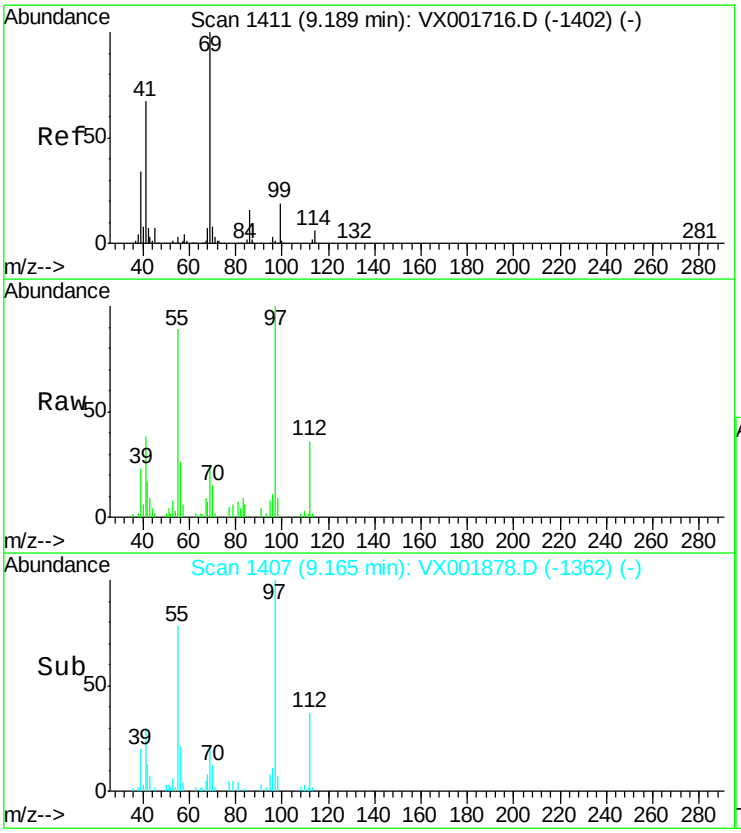
#55
1,1,2-Trichloroethane
Concen: 2.86 ug/l
RT: 9.17 min Scan# 1408
Delta R.T. -0.05 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion: 97 Resp: 8881

Ion	Ratio	Lower	Upper
97	100		
83	8.4	65.8	98.8#
85	0.0	43.4	65.0#
99	0.0	49.8	74.6#

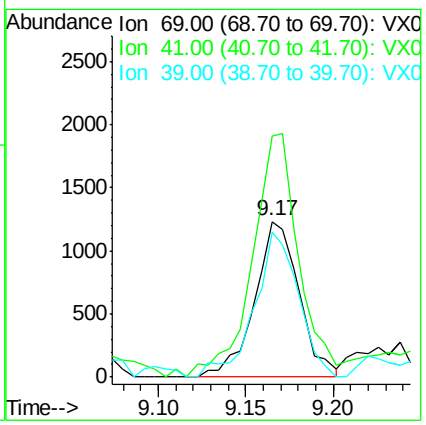


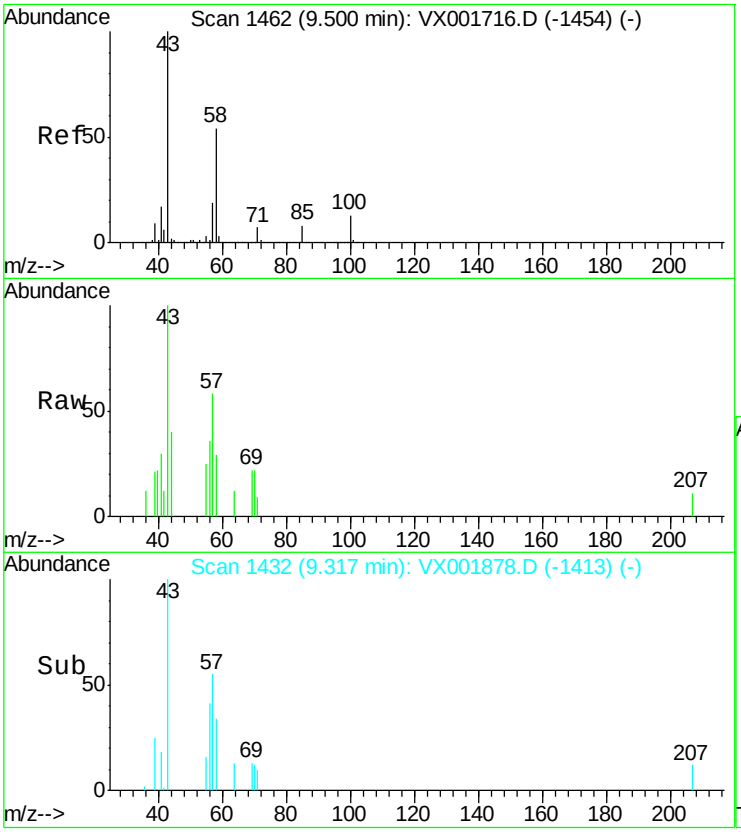


#56
Ethyl methacrylate
Concen: 0.49 ug/l
RT: 9.17 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 69 Resp: 2179

Ion	Ratio	Lower	Upper
69	100		
41	164.7	53.5	80.3#
39	92.1	27.2	40.8#



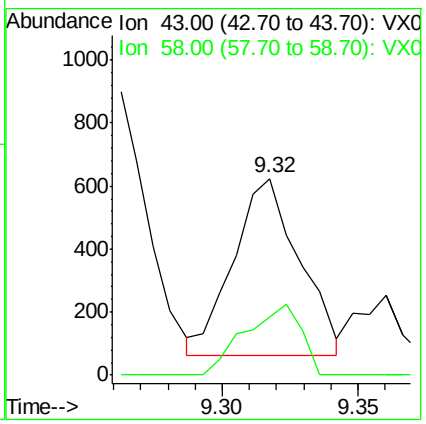


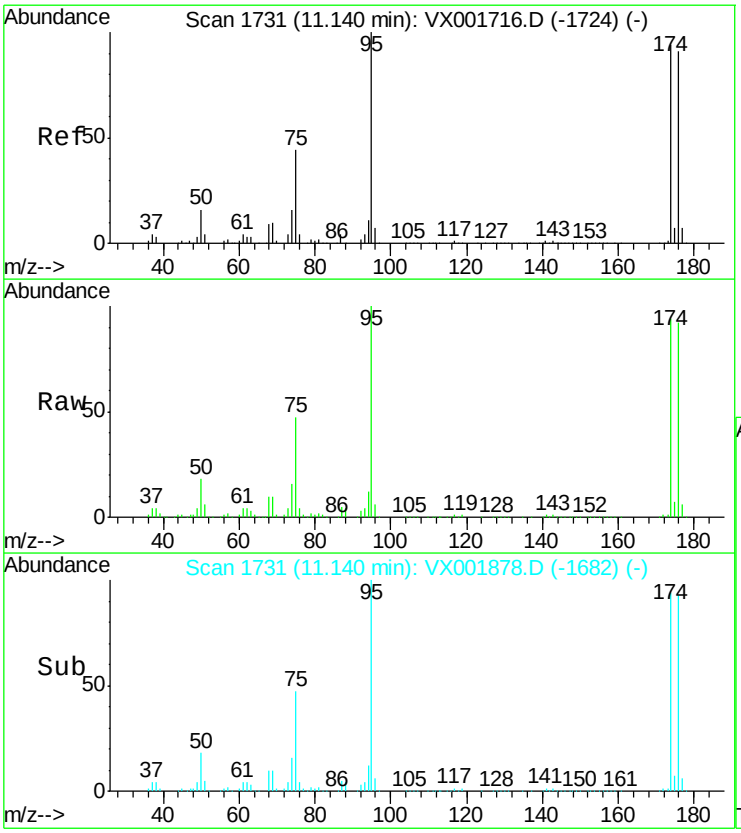
#59
2-Hexanone
Concen: 0.30 ug/l
RT: 9.32 min Scan# 1432
Delta R.T. -0.18 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion: 43 Resp: 945

Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.7	83.1

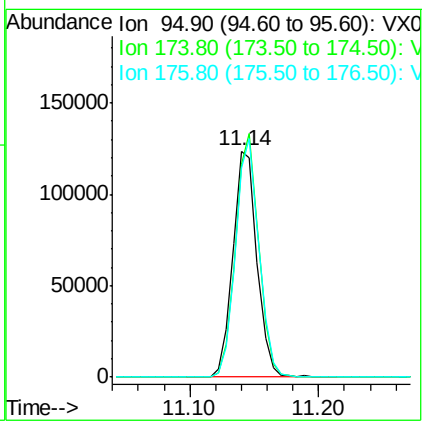


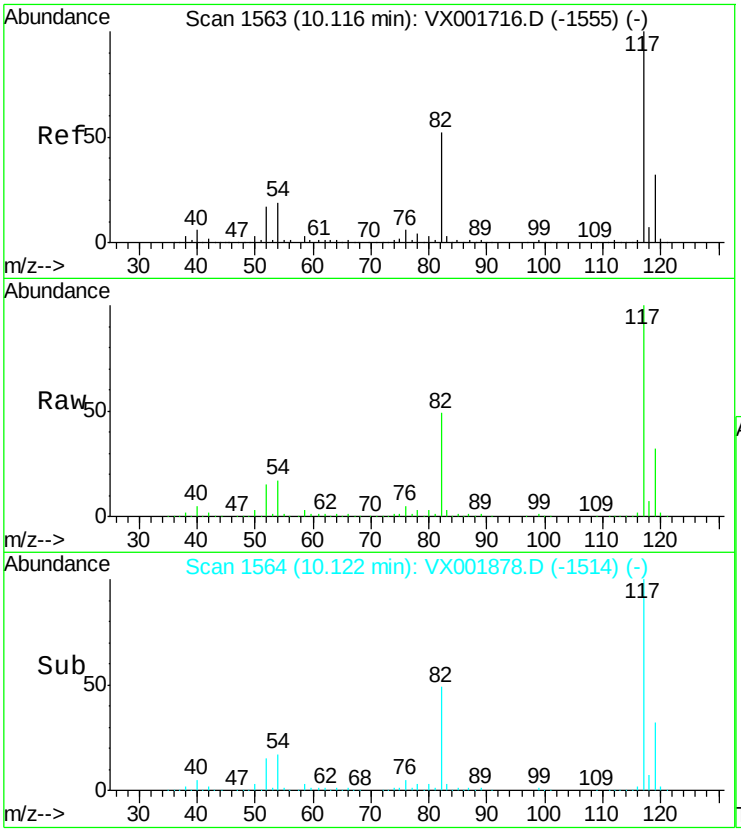


#62
4-Bromofluorobenzene
Concen: 39.79 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 95 Resp: 161481

Ion	Ratio	Lower	Upper
95	100		
174	103.1	0.0	201.8
176	101.3	0.0	196.8



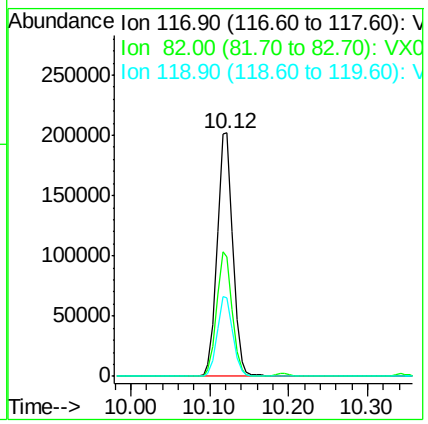


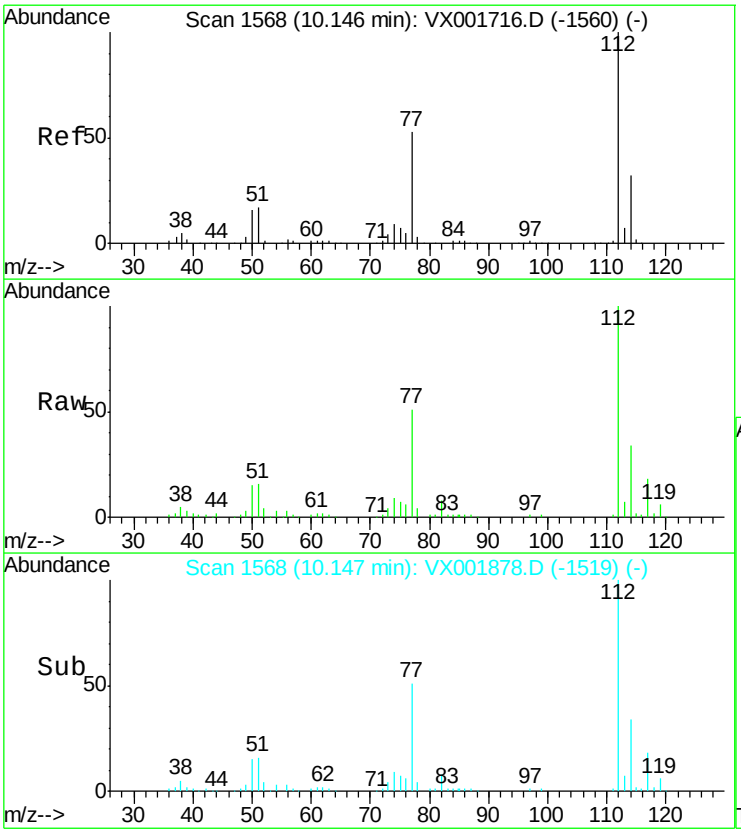
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion:117 Resp: 280970

Ion	Ratio	Lower	Upper
117	100		
82	49.0	41.4	62.2
119	32.4	25.6	38.4

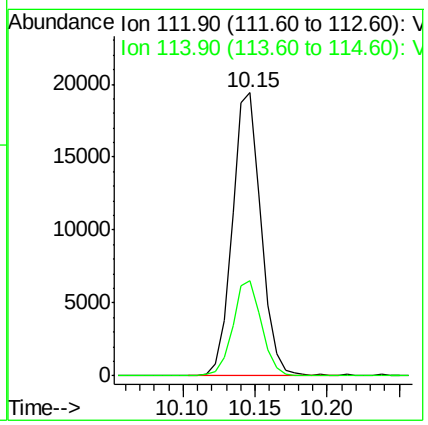


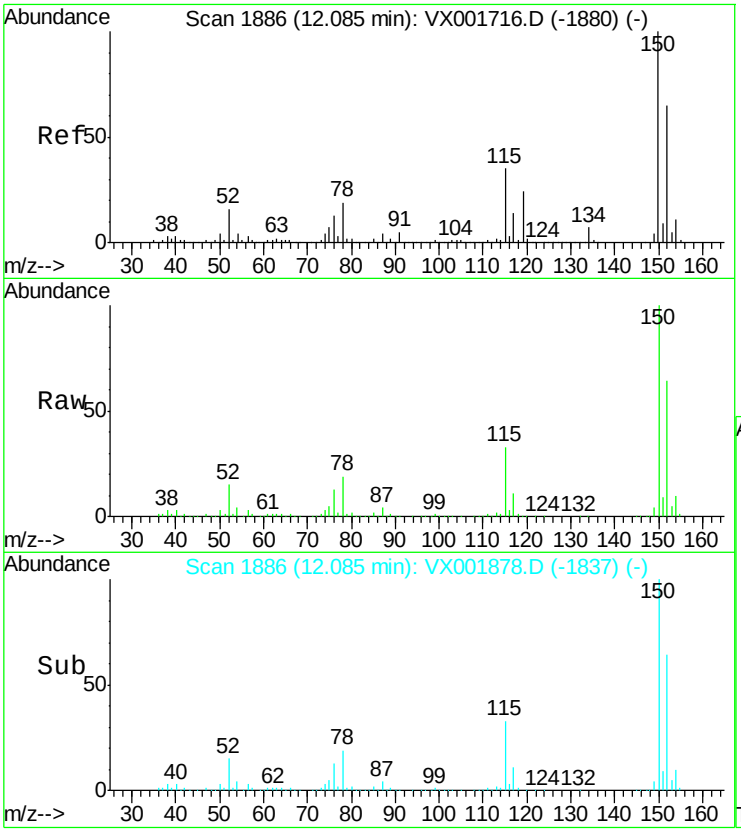


#65
Chlorobenzene
Concen: 3.50 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion:112 Resp: 27020

Ion	Ratio	Lower	Upper
112	100		
114	33.6	25.6	38.4



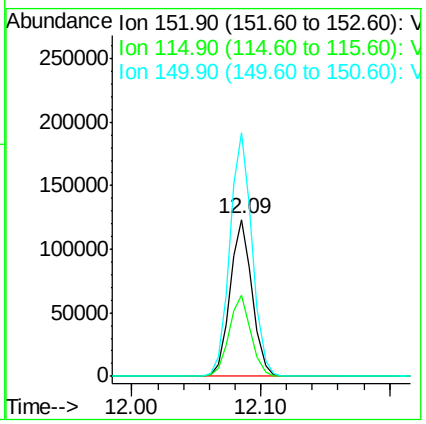


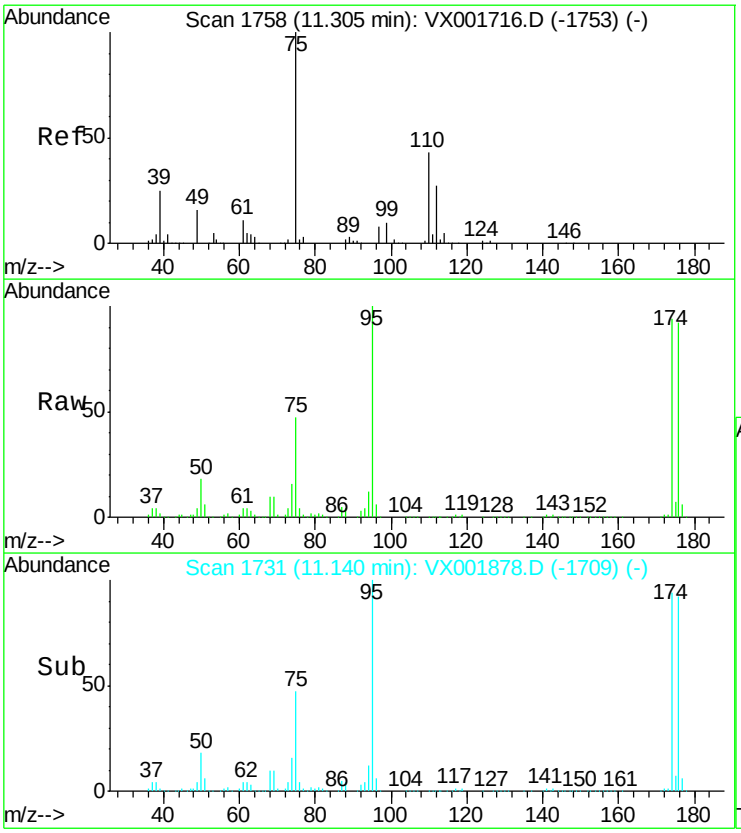
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion:152 Resp: 147562

Ion	Ratio	Lower	Upper
152	100		
115	51.2	37.4	112.2
150	156.2	0.0	344.8

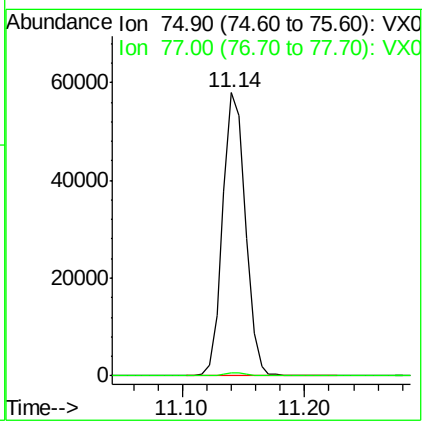


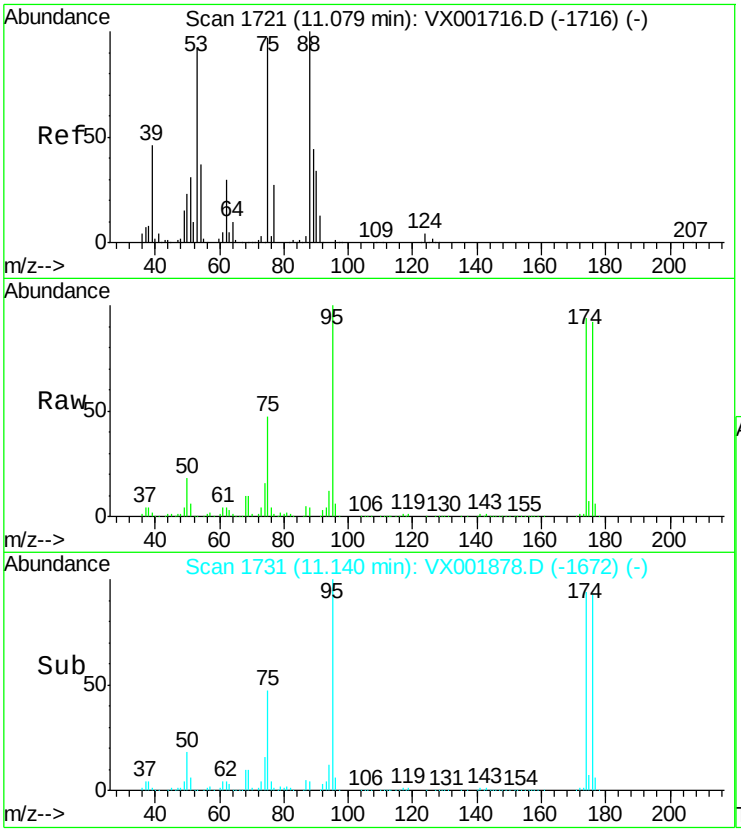


#76
1,2,3-Trichloropropane
Concen: 26.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion: 75 Resp: 74707

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.9	56.7#



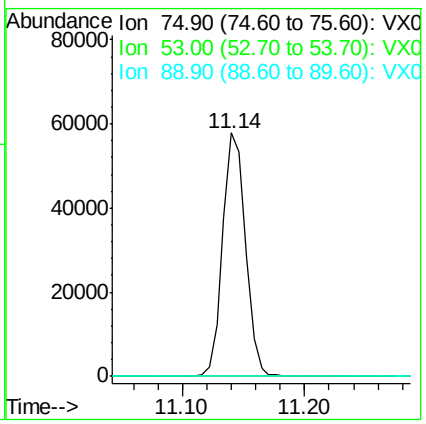


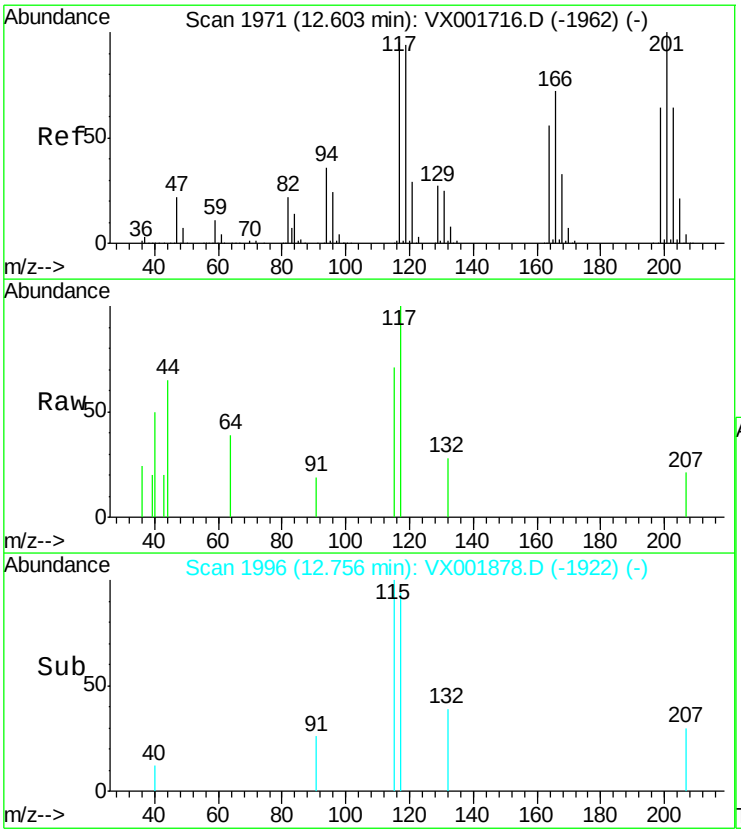
#81
trans-1,4-Dichloro-2-butene
Concen: 77.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-180514

Tgt Ion: 75 Resp: 74707

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.4	119.2#
89	0.1	38.8	58.2#





#90
Hexachloroethane
Concen: 0.28 ug/l
RT: 12.76 min Scan# 1996
Delta R.T. 0.15 min
Lab File: VX001878.D
Acq: 21 May 2018 15:31

Tgt Ion:117 Resp: 398

Ion	Ratio	Lower	Upper
117	100		
201	0.0	51.9	155.7#