Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082018\
Data File : VX004150.D
Acq On : 20 Aug 2018 14:03
Operator : JC/MD
Sample : J4541-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY070MW236-180815

Quant Time: Aug 21 01:02:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	286650	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	439770	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	416680	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225341	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	218016	53.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.96%				
35) Dibromofluoromethane	5.51	113	188304	57.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.42%				
50) Toluene-d8	8.72	98	658495	49.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.70%				
62) 4-Bromofluorobenzene	11.14	95	218108	45.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.12%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	6965	2.03	ug/l	#	88
4) Vinyl Chloride	1.40	62	15186	4.10	ug/l	#	13
5) Bromomethane	1.65	94	988	0.35	ug/l		82
6) Chloroethane	1.94	64	912	Below Cal		#	42
10) Methyl Iodide	2.52	142	617	5.17	ug/l	#	88
11) Tert butyl alcohol	3.04	59	2363	2.91	ug/l	#	88
13) Acrolein	2.29	56	51	11.04	ug/l	#	1
16) Acetone	2.44	43	5210	2.48	ug/l		100
18) Methyl Acetate	2.78	43	1082	0.23	ug/l	#	86
20) Methylene Chloride	2.86	84	602	Below Cal		#	86
21) trans-1,2-Dichloroethene	3.17	96	1962	0.57	ug/l	#	80
25) 2-Butanone	4.71	43	710	0.21	ug/l		96
27) cis-1,2-Dichloroethene	4.60	96	18808	4.88	ug/l		87
31) Cyclohexane	5.66	56	5331	0.95	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	19061	3.81	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	25042	5.15	ug/l	#	15
44) Trichloroethene	7.21	130	1672	0.41	ug/l		96
60) Dibromochloromethane	9.34	129	1489	0.39	ug/l	#	11
64) Tetrachloroethene	9.34	164	1511	0.38	ug/l		88
76) 1,2,3-Trichloropropane	11.14	75	105253	23.29	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.14	75	105253	72.10	ug/l	#	10
95) Naphthalene	13.83	128	341	1.17	ug/l	#	69

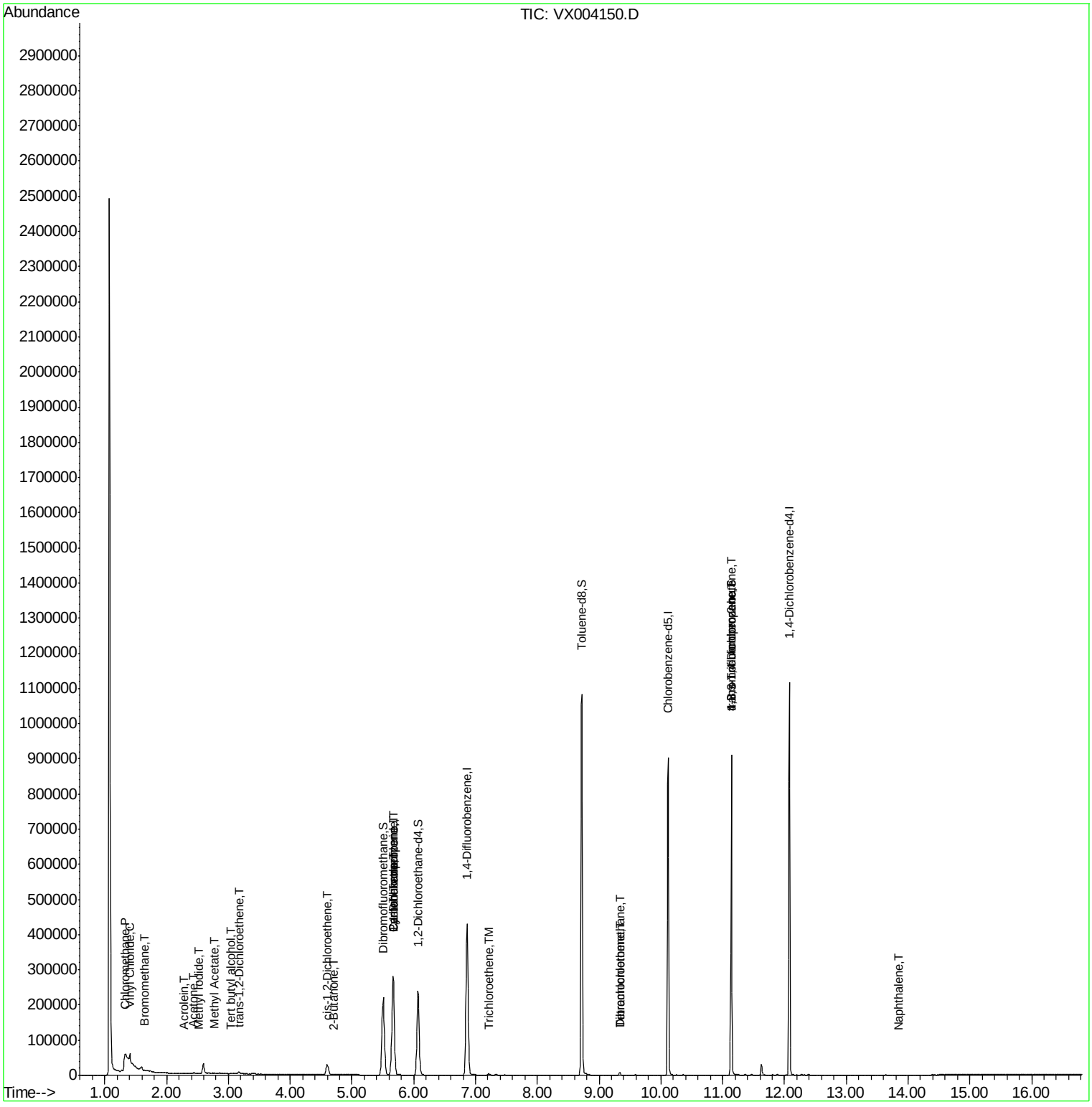
(#) = qualifier out of range (m) = manual integration (+) = signals summed

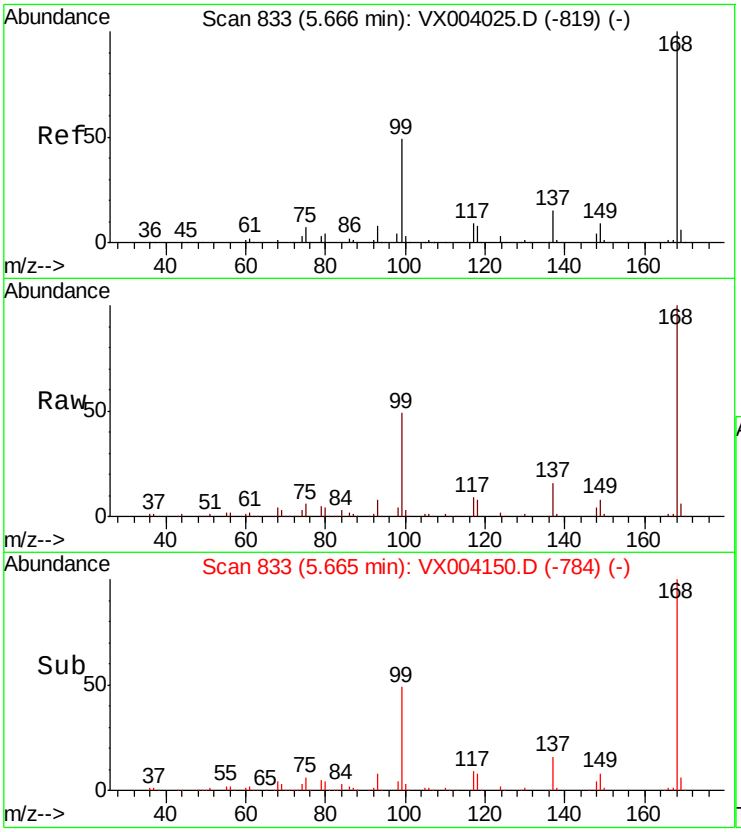
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
Data File : VX004150.D
Acq On : 20 Aug 2018 14:03
Operator : JC/MD
Sample : J4541-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

Quant Time: Aug 21 01:02:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration



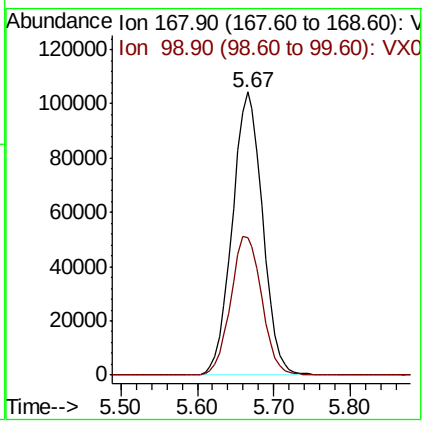


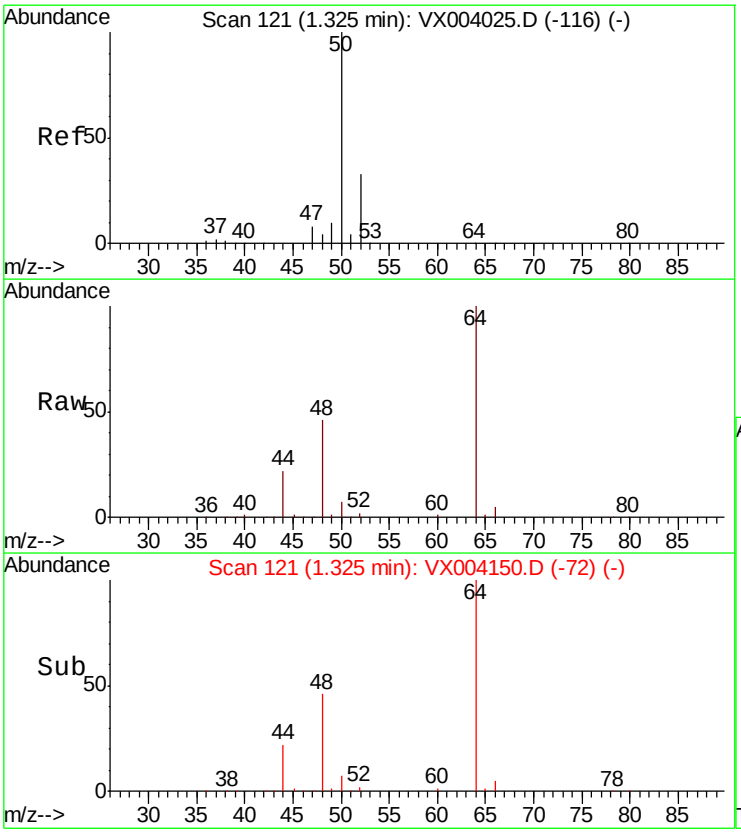
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

Tgt Ion:168 Resp: 286650

Ion	Ratio	Lower	Upper
168	100		
99	48.6	40.1	60.1

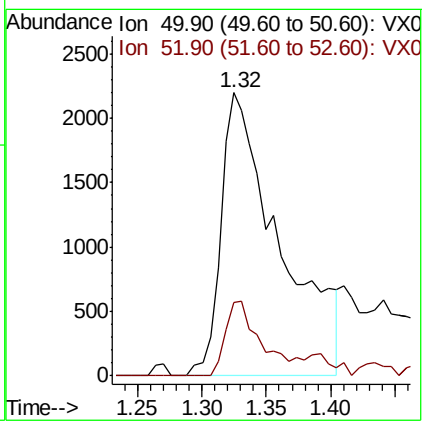


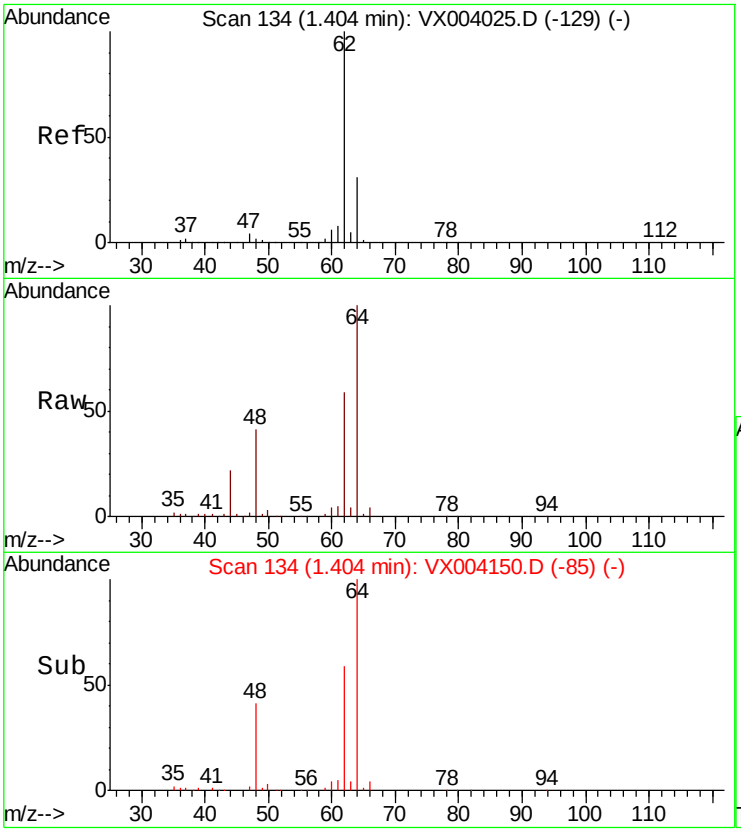


#3
Chloromethane
Concen: 2.03 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion: 50 Resp: 6965

Ion	Ratio	Lower	Upper
50	100		
52	26.1	26.6	39.8#



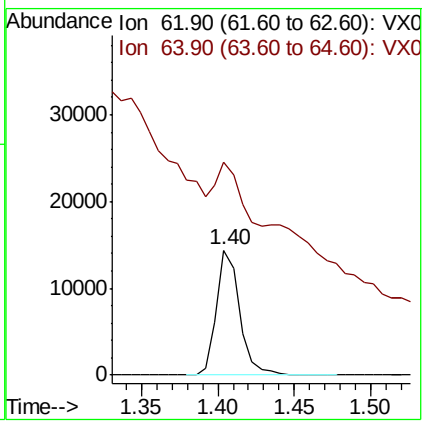


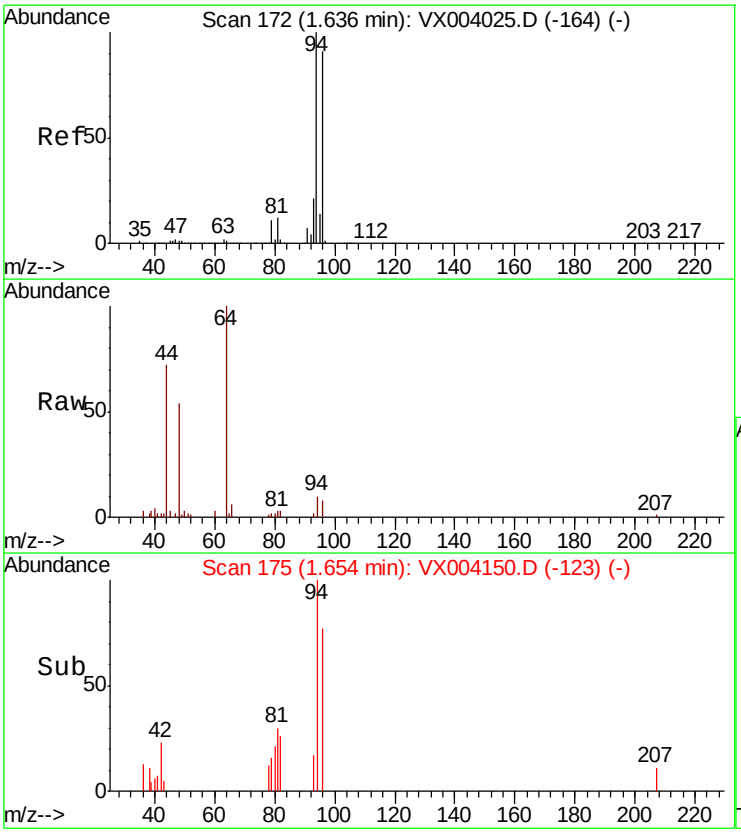
#4
Vinyl Chloride
Concen: 4.10 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

Tgt Ion: 62 Resp: 15186

Ion	Ratio	Lower	Upper
62	100		
64	81.6	26.0	39.0#

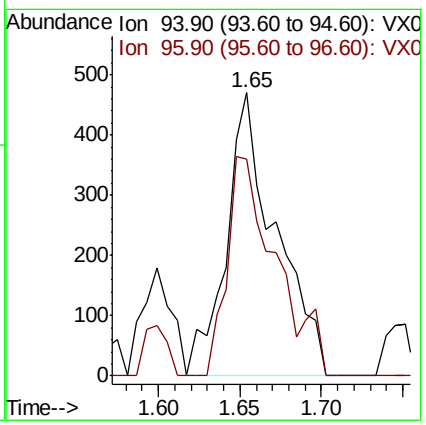


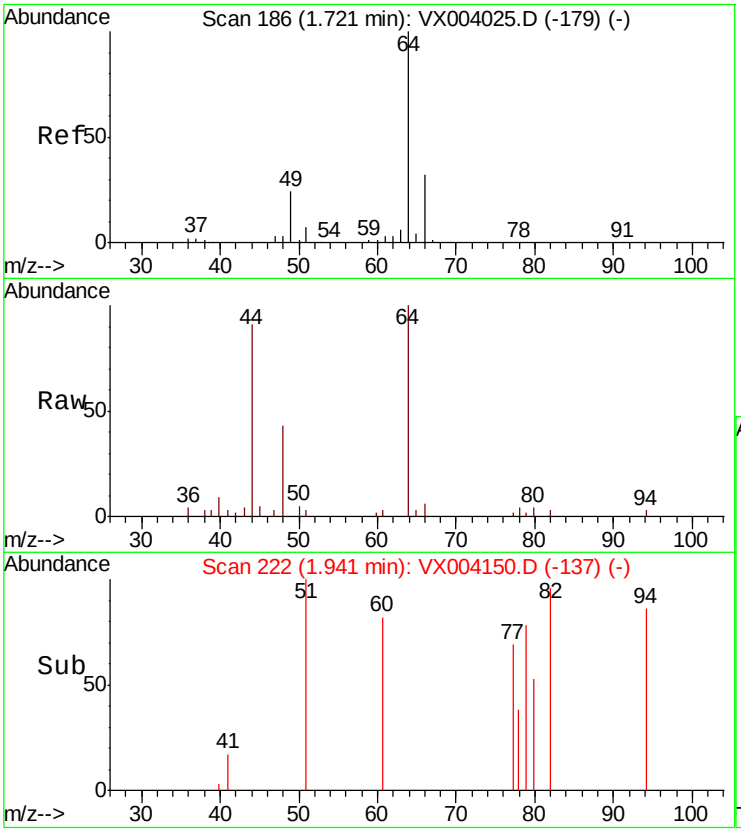


#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion: 94 Resp: 988

Ion	Ratio	Lower	Upper
94	100		
96	76.6	75.2	112.8



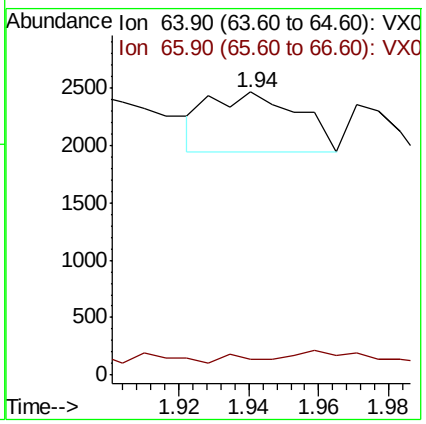


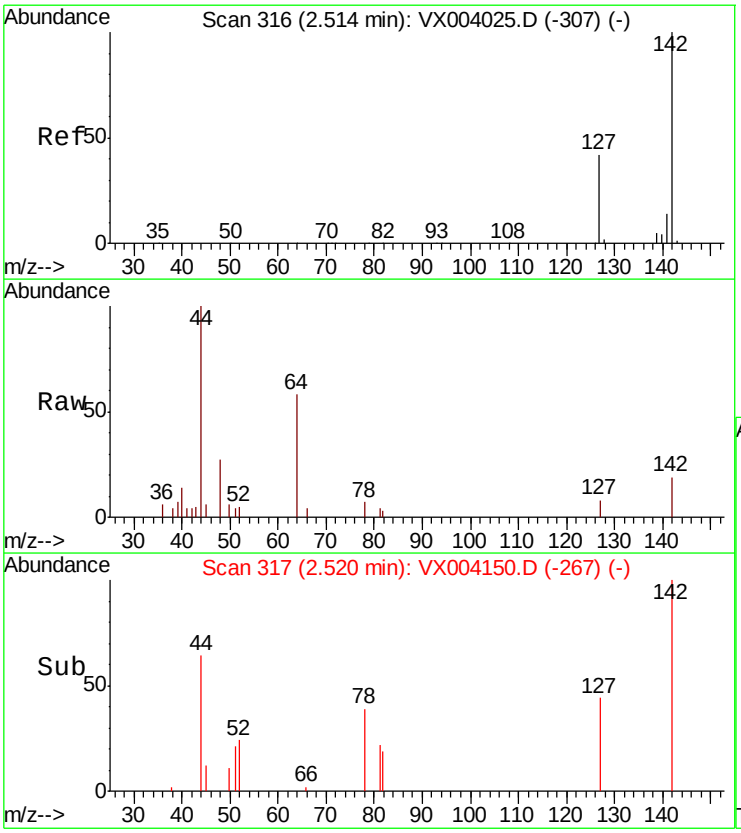
#6
Chloroethane
Concen: Below Cal
RT: 1.94 min Scan# 222
Delta R.T. 0.22 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

Tgt Ion: 64 Resp: 912

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.5	39.7#

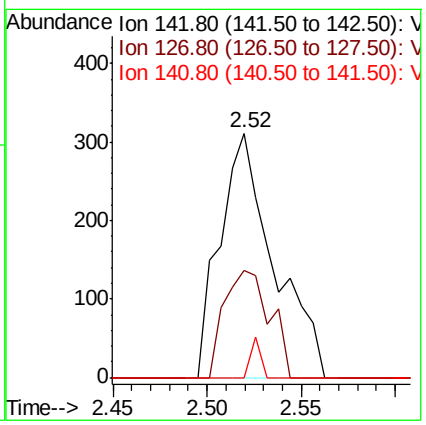


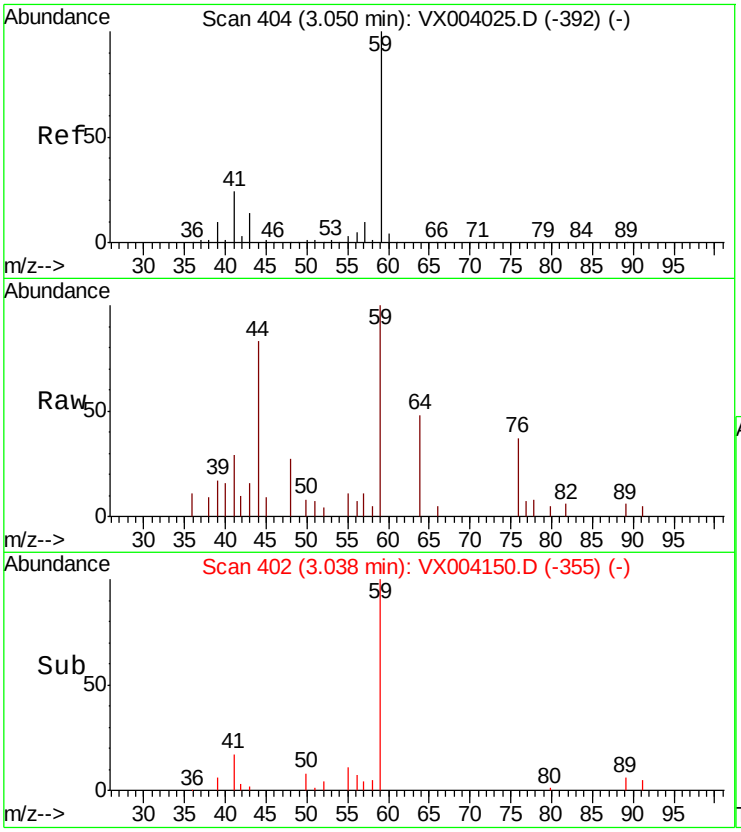


#10
Methyl Iodide
Concen: 5.17 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion:142 Resp: 617

Ion	Ratio	Lower	Upper
142	100		
127	37.0	33.1	49.7
141	3.1	11.1	16.7#



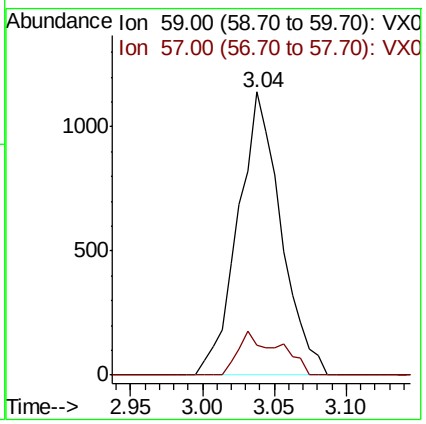


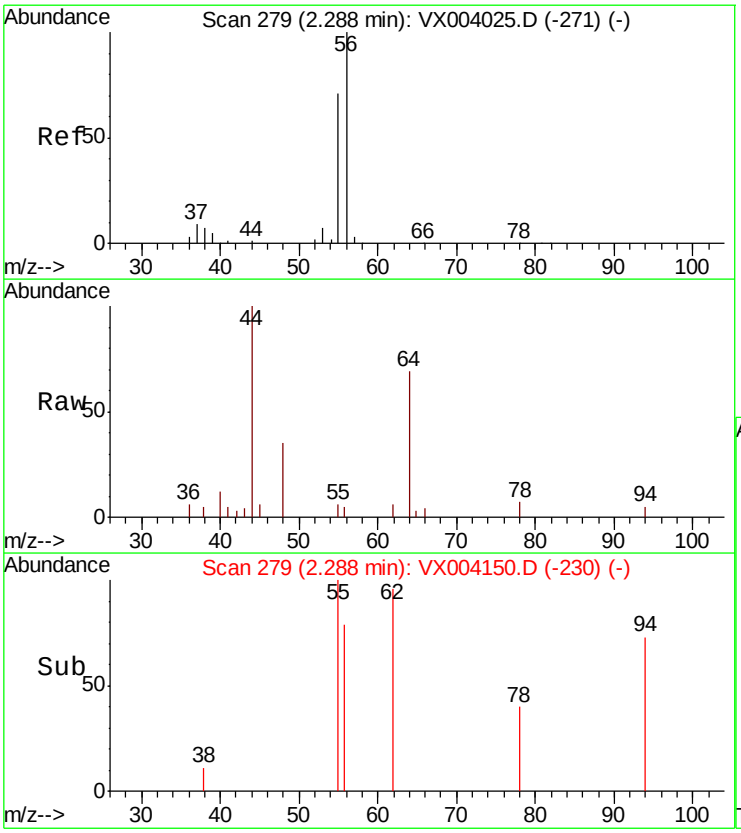
#11
Tert butyl alcohol
Concen: 2.91 ug/l
RT: 3.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

Tgt Ion: 59 Resp: 2363

Ion	Ratio	Lower	Upper
59	100		
57	14.7	8.1	12.1#

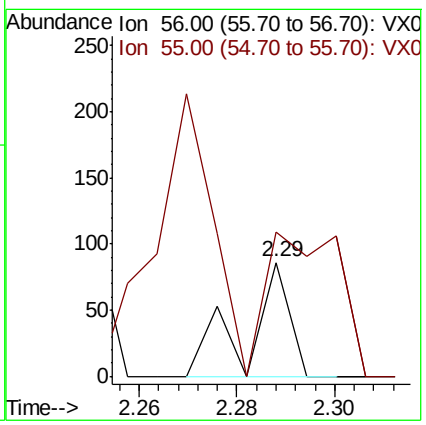


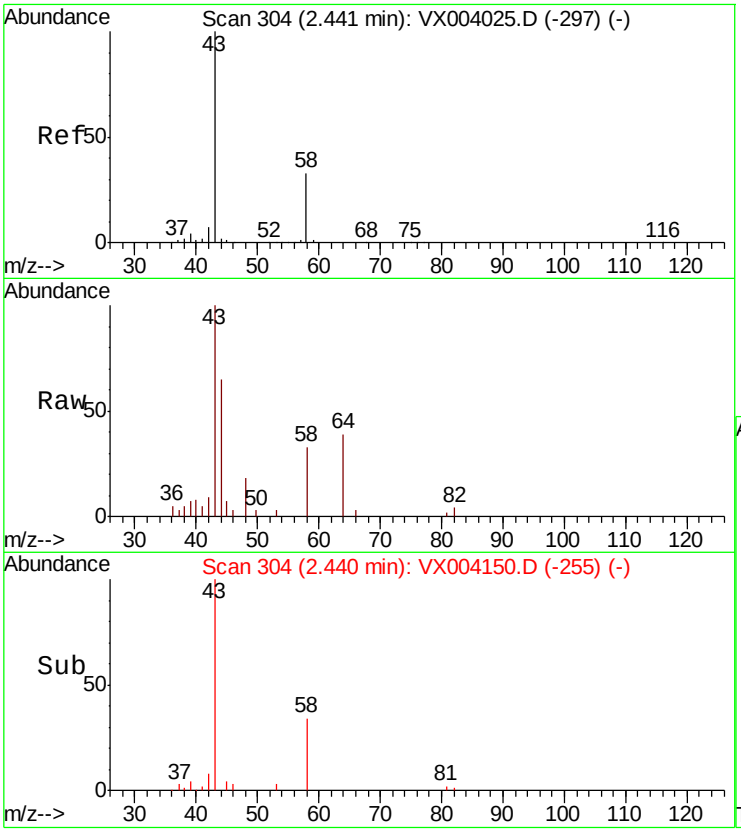


#13
Acrolein
Concen: 11.04 ug/l
RT: 2.29 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion: 56 Resp: 51

Ion	Ratio	Lower	Upper
56	100		
55	219.6	56.1	84.1#



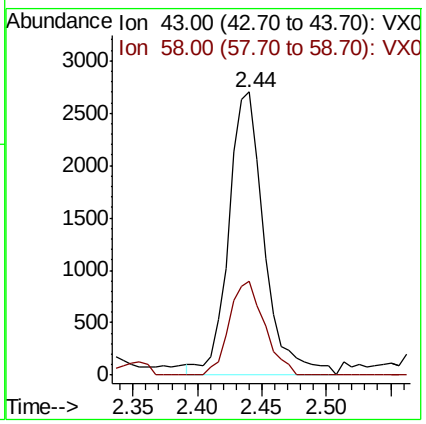


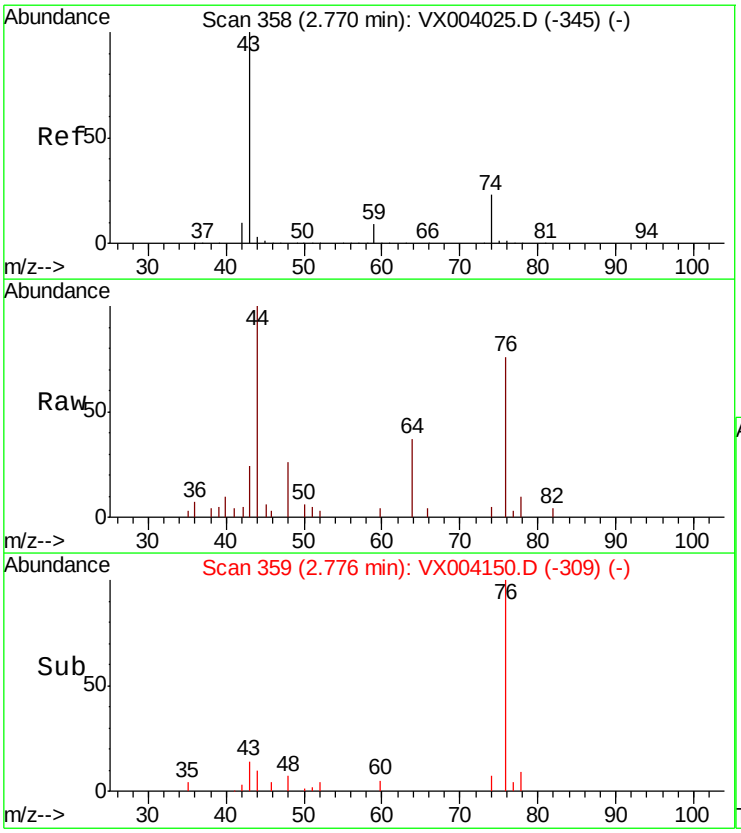
#16
Acetone
Concen: 2.48 ug/l
RT: 2.44 min Scan# 304
Delta R.T. -0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

Tgt Ion: 43 Resp: 5210

Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.4	39.6

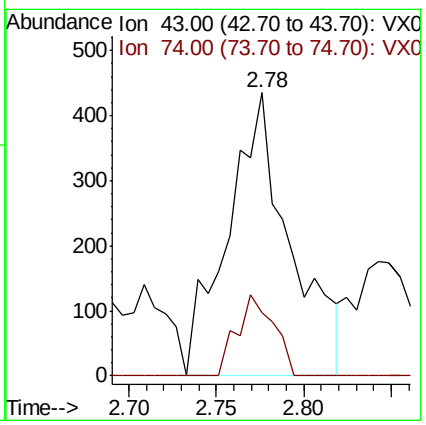


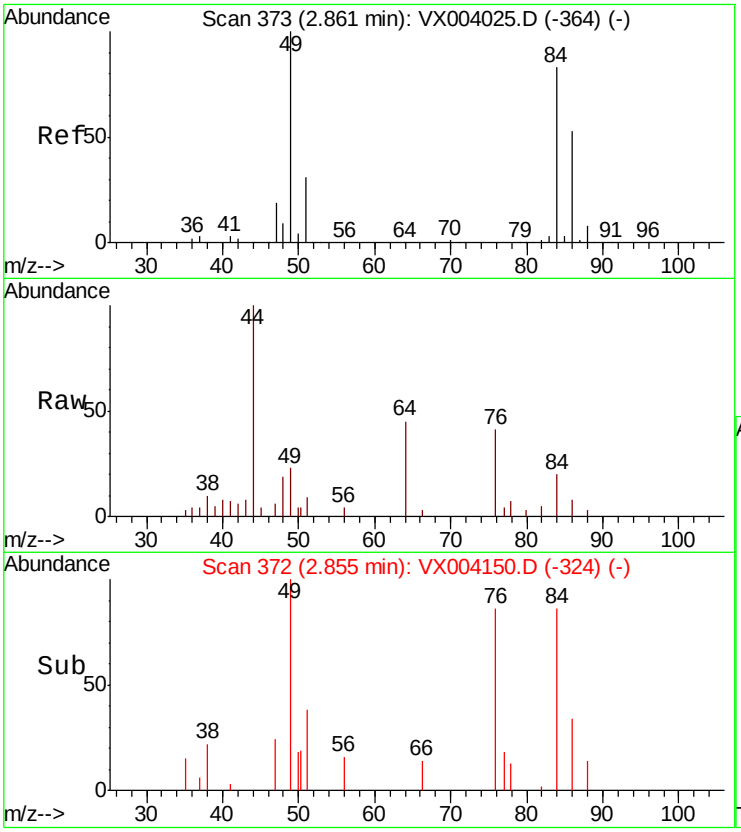


#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion: 43 Resp: 1082

Ion	Ratio	Lower	Upper
43	100		
74	16.8	18.9	28.3#



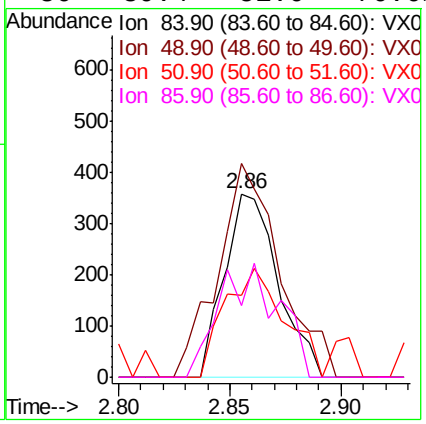


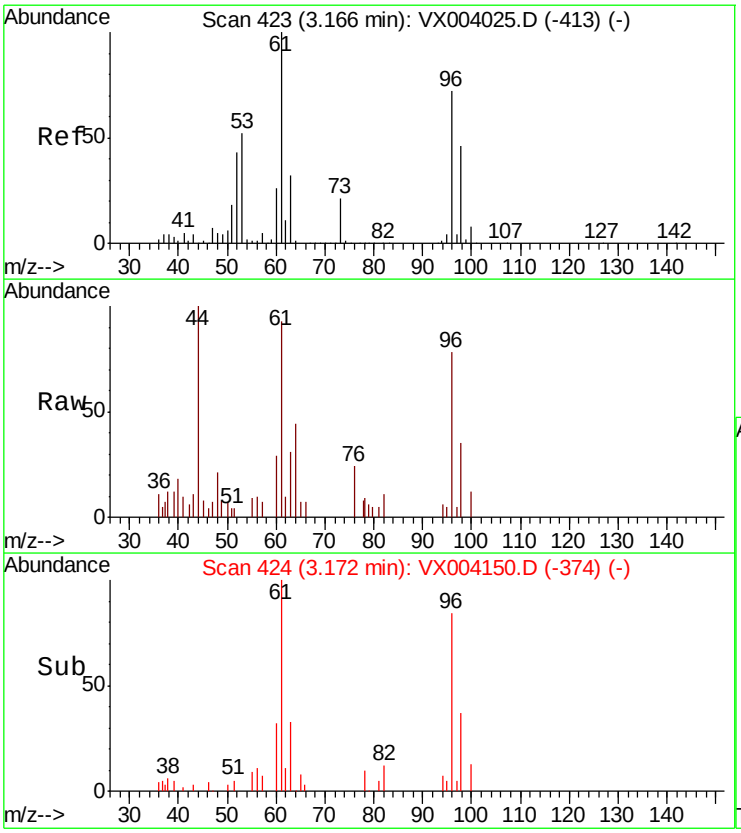
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument : MSVOA_X
ClientSampleId : KY070MW236-180815

Tgt Ion: 84 Resp: 602

Ion	Ratio	Lower	Upper
84	100		
49	116.2	98.9	148.3
51	44.7	29.9	44.9
86	39.4	51.0	76.6#

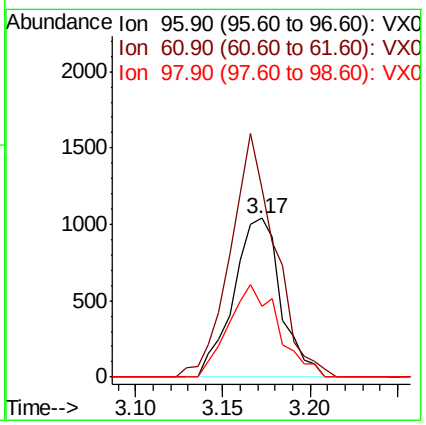


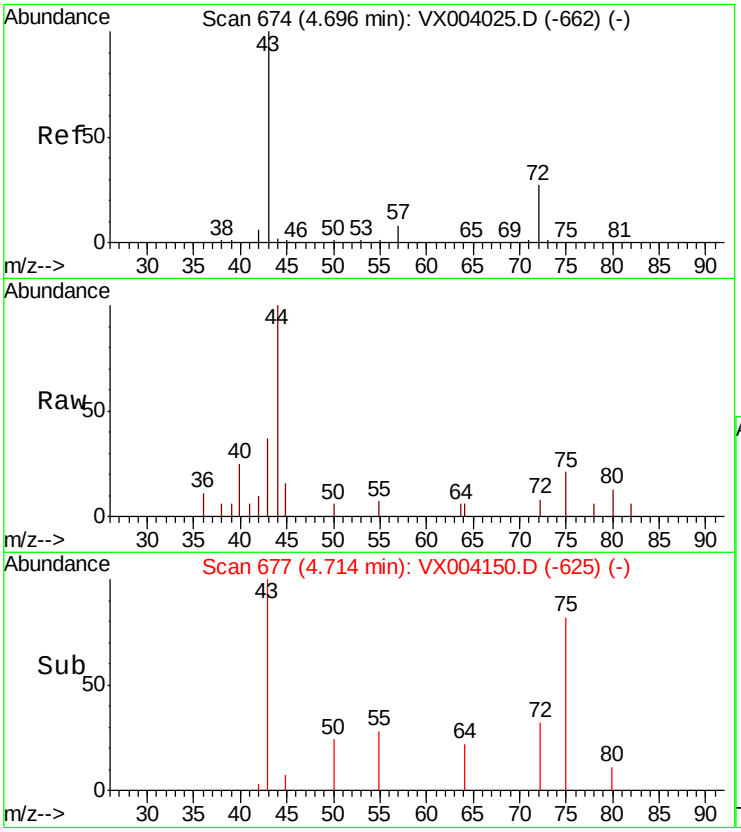


#21
trans-1,2-Dichloroethene
Concen: 0.57 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion: 96 Resp: 1962

Ion	Ratio	Lower	Upper
96	100		
61	119.0	111.8	167.6
98	44.4	51.8	77.6#



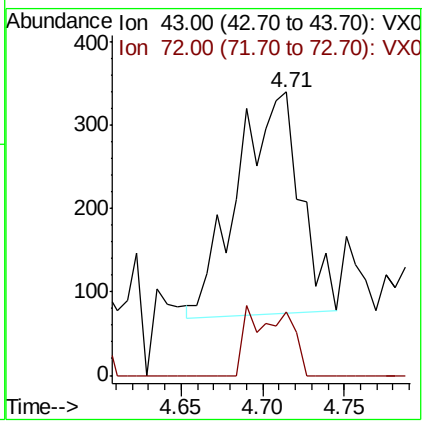


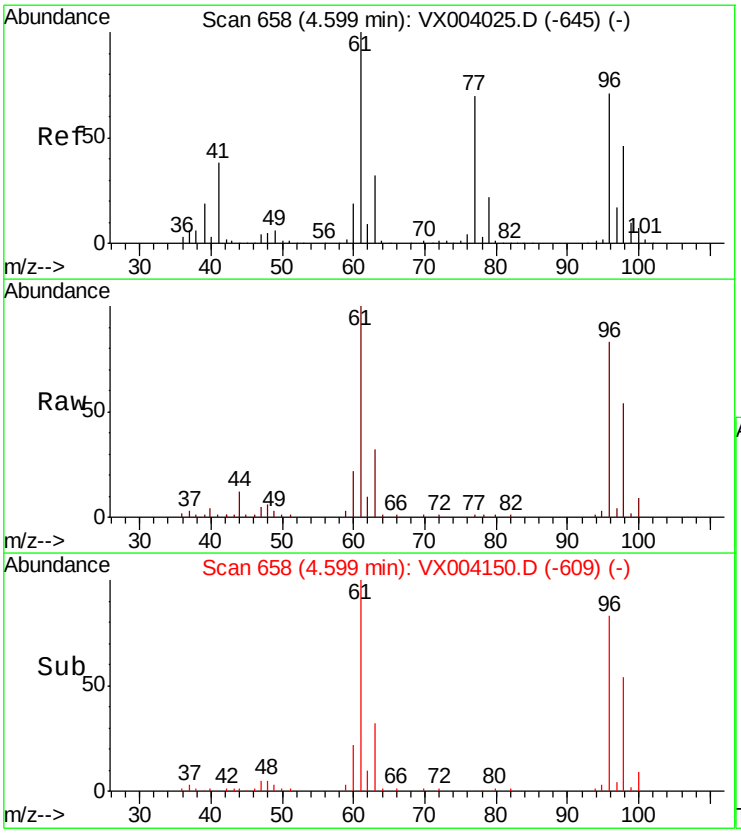
#25
2-Butanone
Concen: 0.21 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.02 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument : MSVOA_X
ClientSampleId : KY070MW236-180815

Tgt Ion: 43 Resp: 710

Ion	Ratio	Lower	Upper
43	100		
72	29.0	21.4	32.0

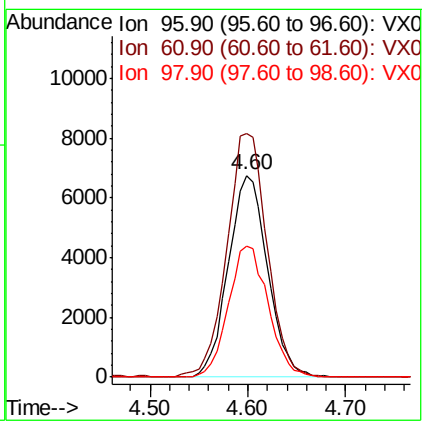


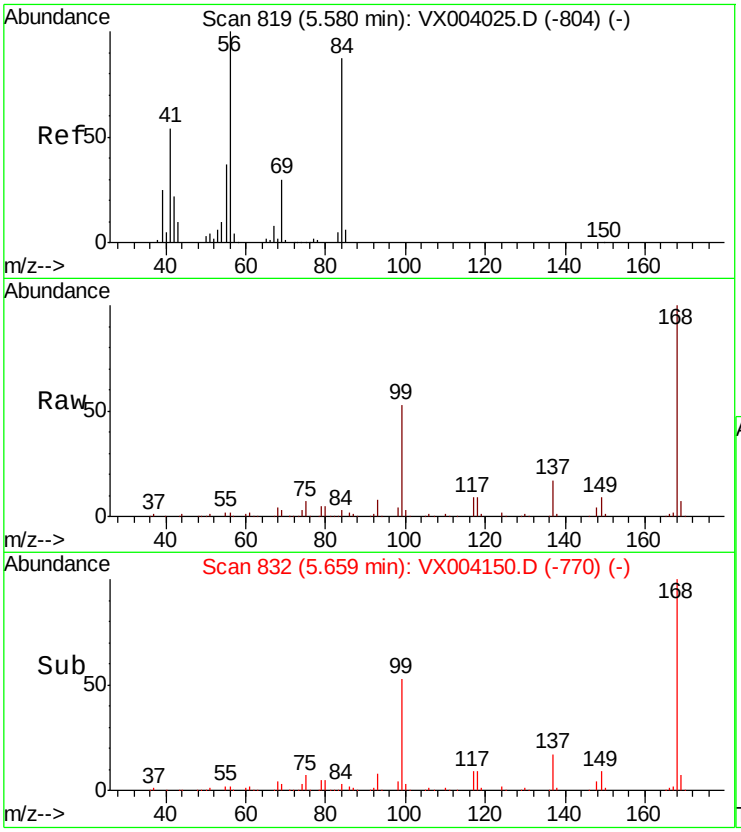


#27
cis-1,2-Dichloroethene
Concen: 4.88 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion: 96 Resp: 18808

Ion	Ratio	Lower	Upper
96	100		
61	124.0	0.0	293.0
98	65.5	0.0	131.8



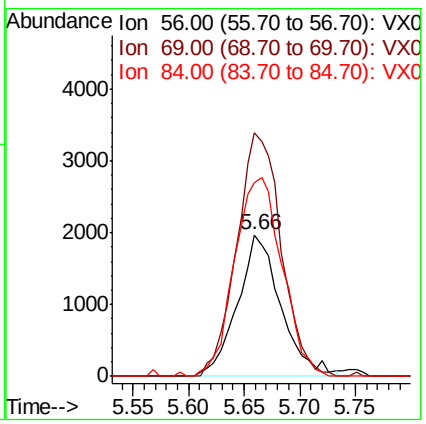


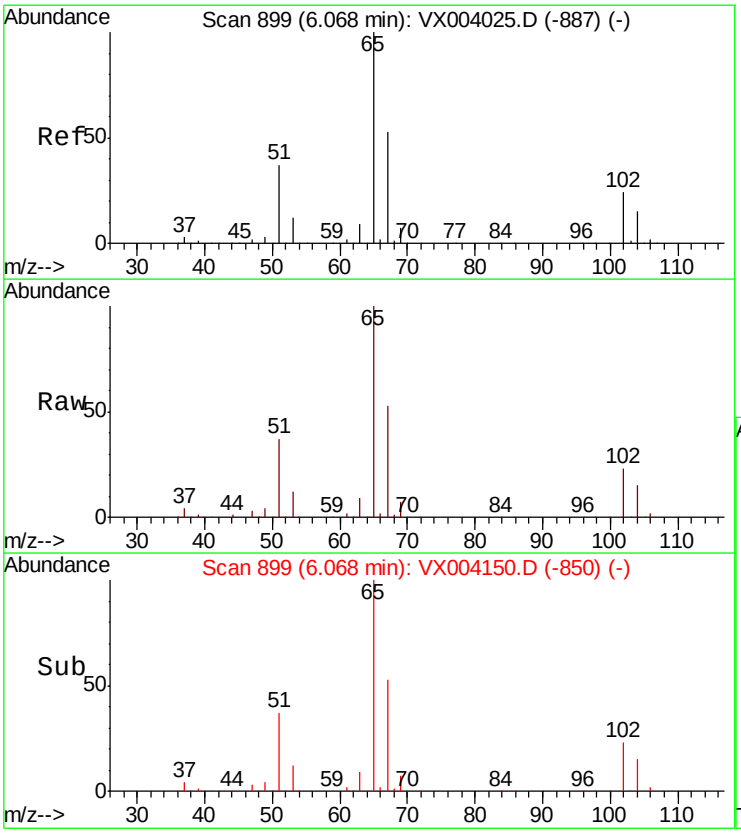
#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument : MSVOA_X
ClientSampleId : KY070MW236-180815

Tgt Ion: 56 Resp: 5331

Ion	Ratio	Lower	Upper
56	100		
69	172.3	24.9	37.3#
84	137.5	71.7	107.5#

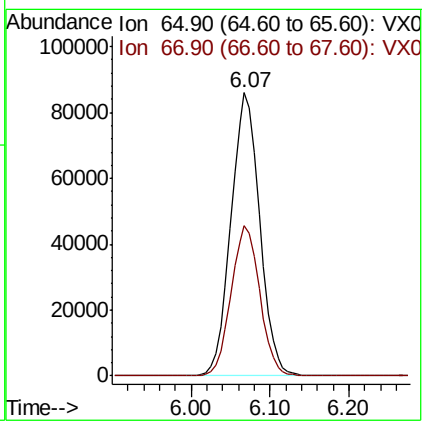


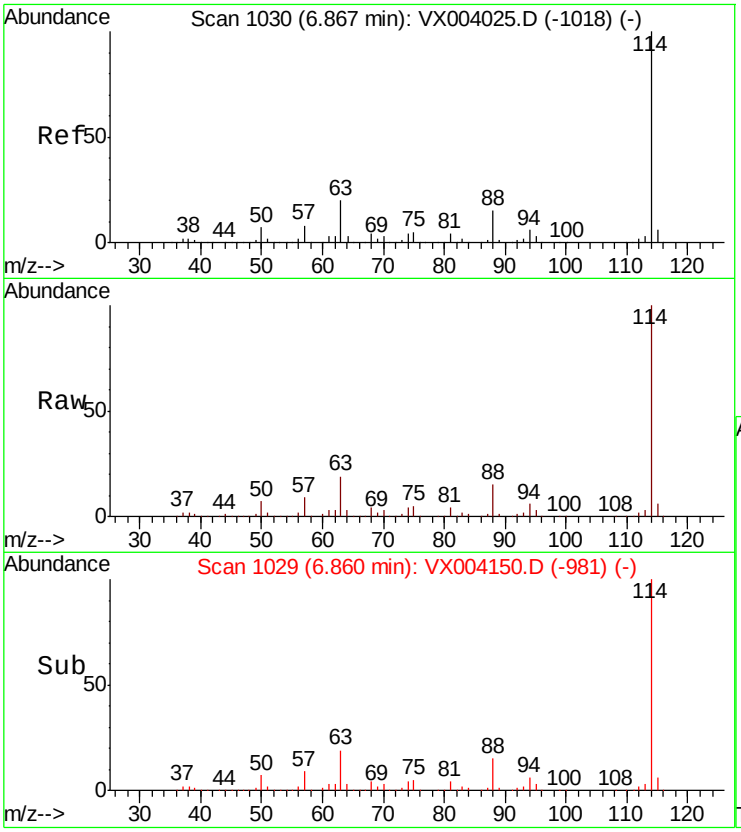


#33
1,2-Dichloroethane-d4
Concen: 53.98 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion: 65 Resp: 218016

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.8



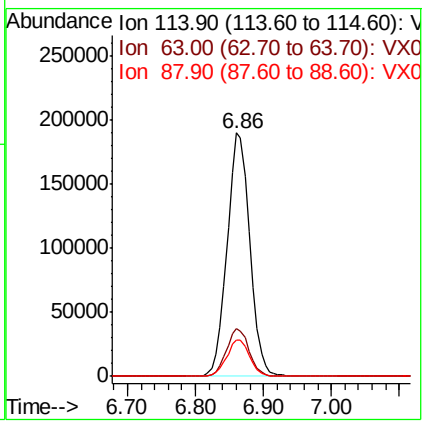


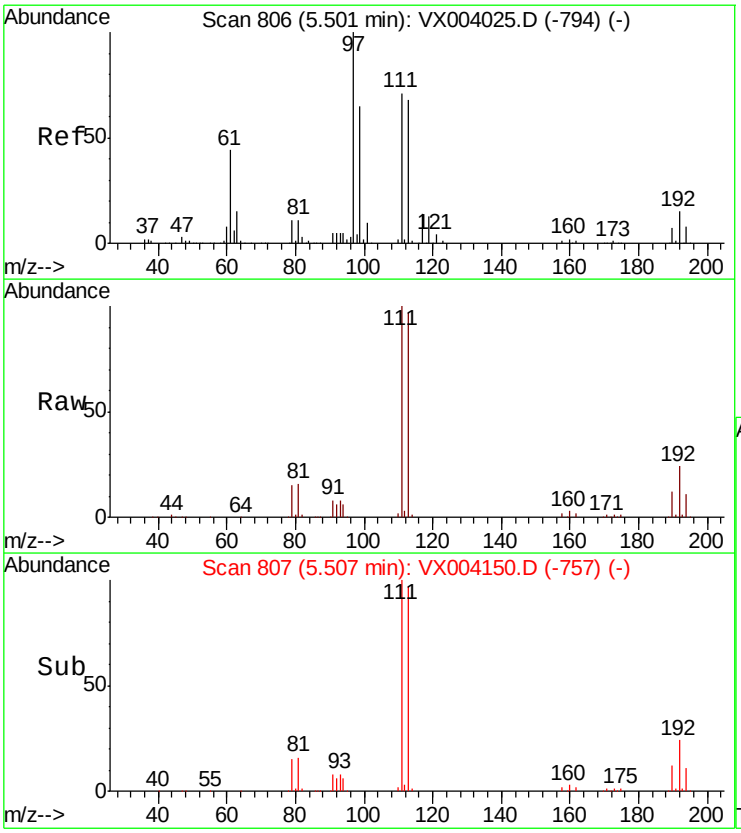
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

Tgt Ion:114 Resp: 439770

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.0
88	15.1	0.0	32.0

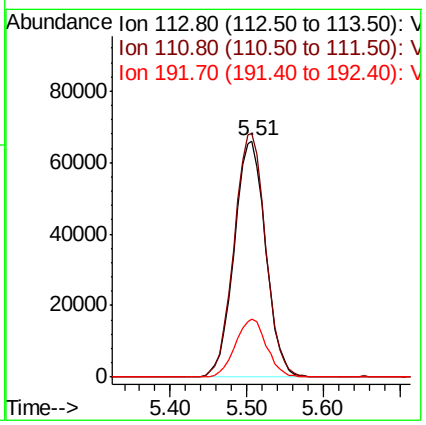


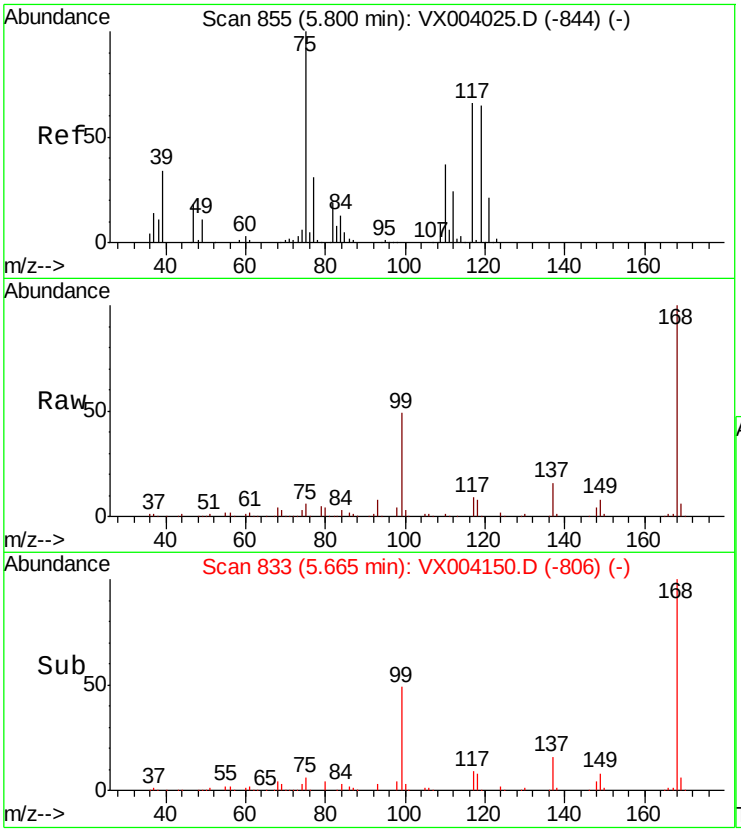


#35
Dibromofluoromethane
Concen: 57.21 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion:113 Resp: 188304

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	24.3	19.0	28.4



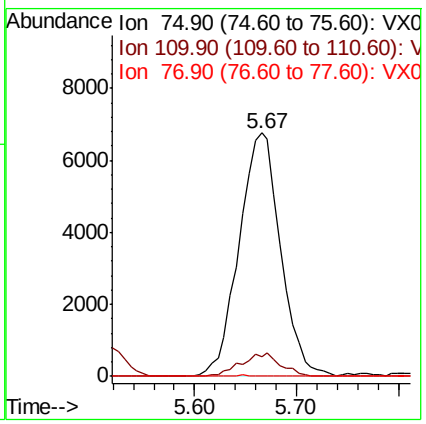


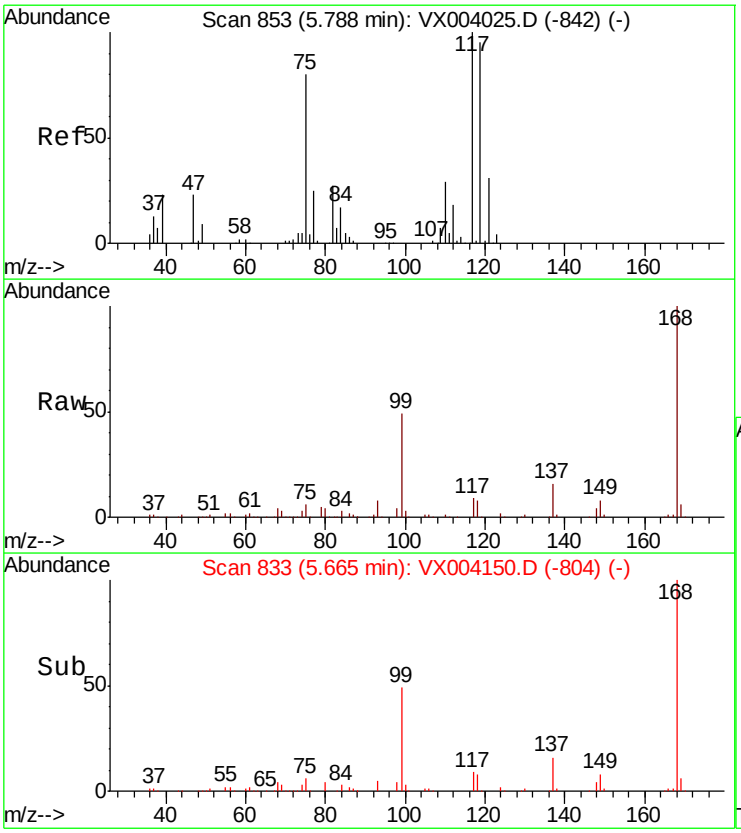
#36
1,1-Dichloropropene
Concen: 3.81 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

Tgt Ion: 75 Resp: 19061

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.2	54.6#
77	0.0	25.0	37.4#

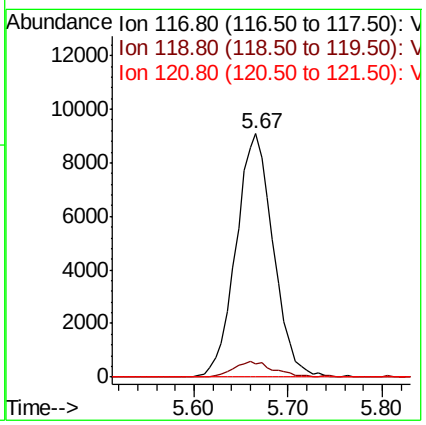


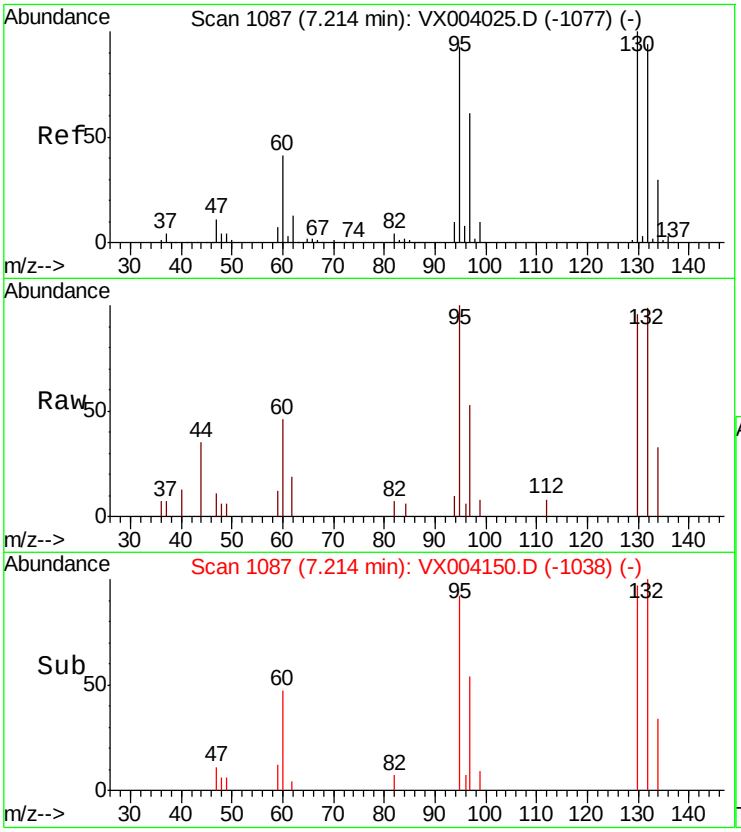


#38
Carbon Tetrachloride
Concen: 5.15 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion:117 Resp: 25042

Ion	Ratio	Lower	Upper
117	100		
119	5.2	79.5	119.3#
121	0.0	25.0	37.4#

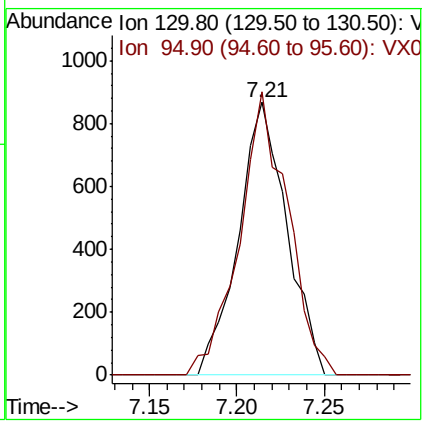




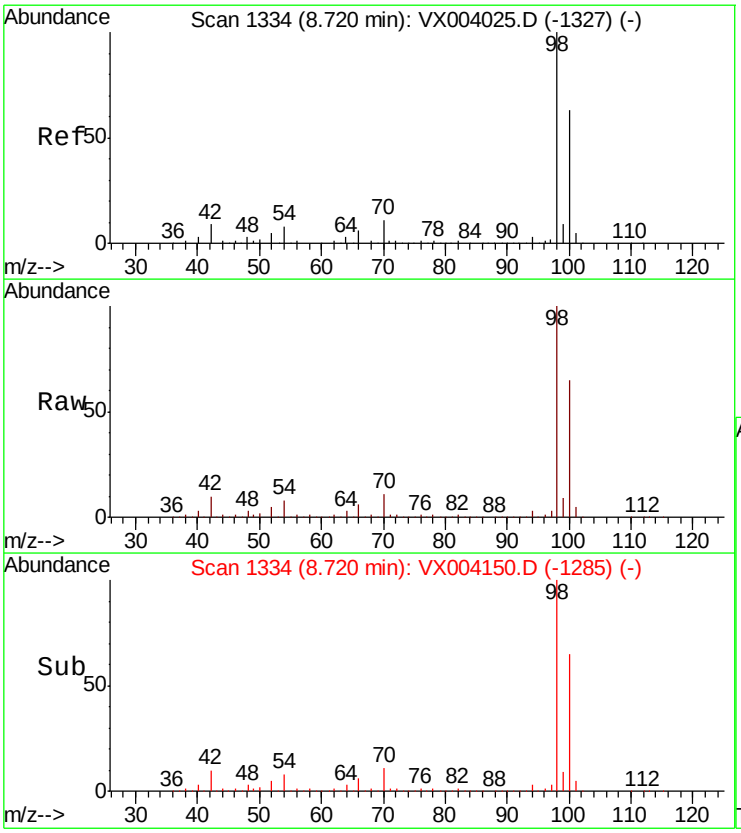
#44
Trichloroethene
Concen: 0.41 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion:130 Resp: 1672

Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	199.4



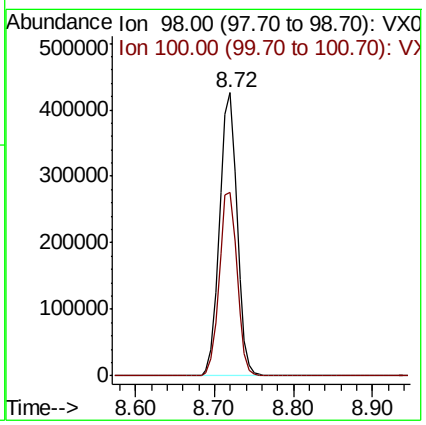
Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

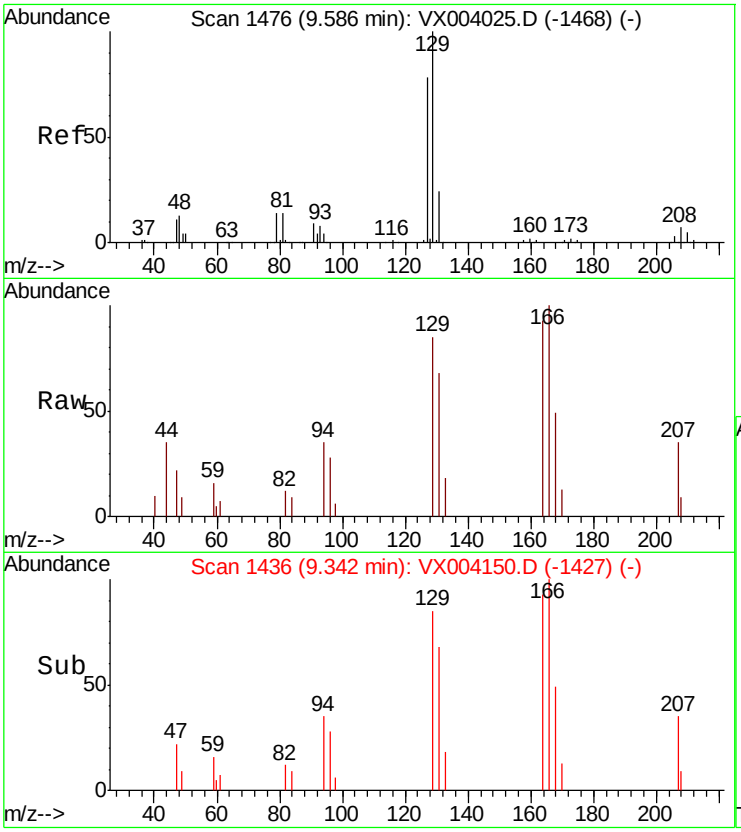


#50
Toluene-d8
Concen: 49.35 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion: 98 Resp: 658495

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.3	79.9



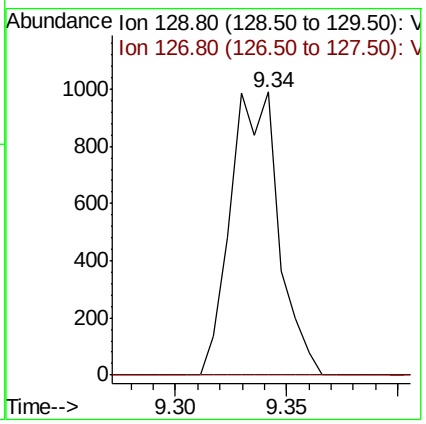


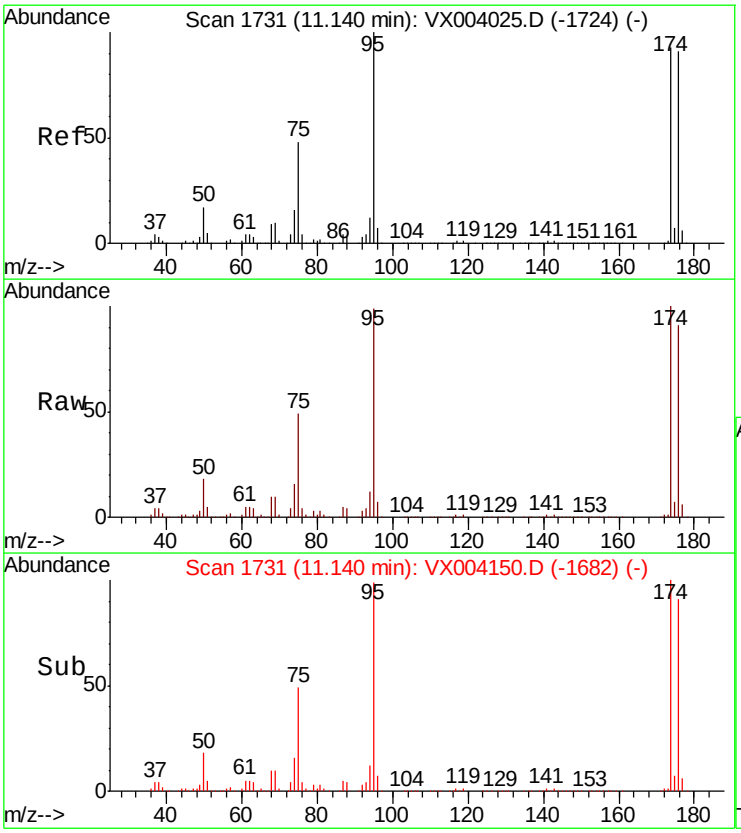
#60
Dibromochloromethane
Concen: 0.39 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.24 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

Tgt Ion:129 Resp: 1489

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.8	116.3#

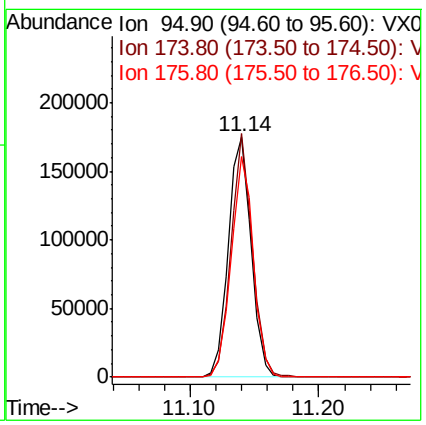


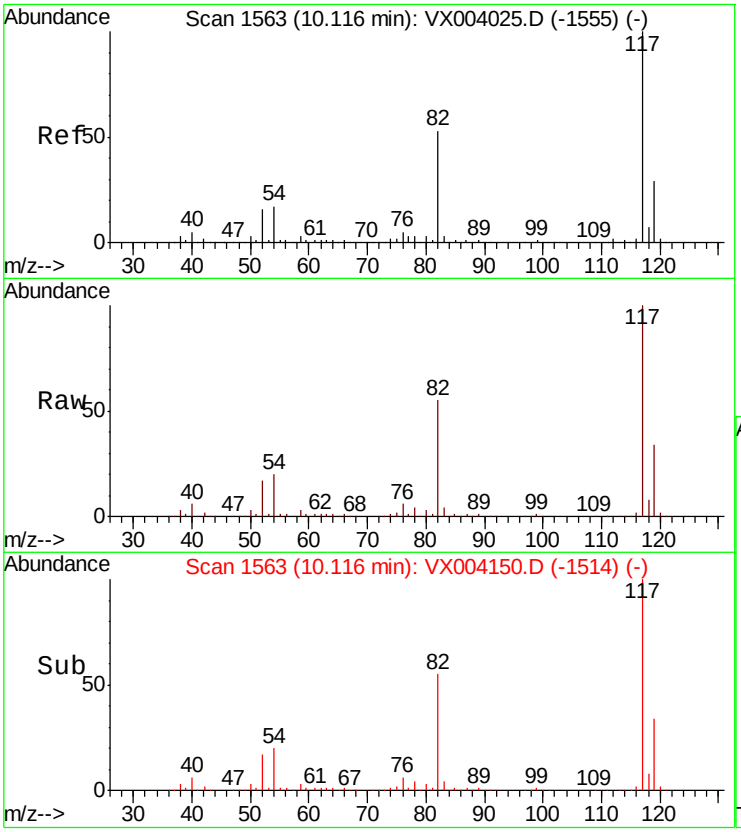


#62
4-Bromofluorobenzene
Concen: 45.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion: 95 Resp: 218108

Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	182.8
176	89.1	0.0	179.0



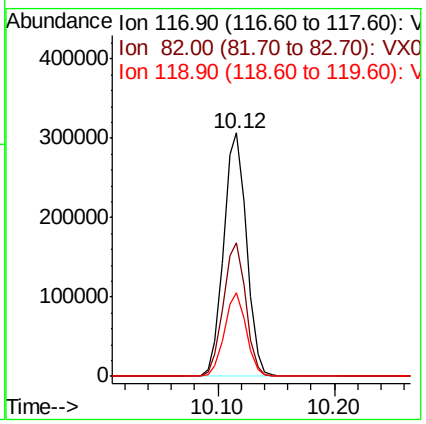


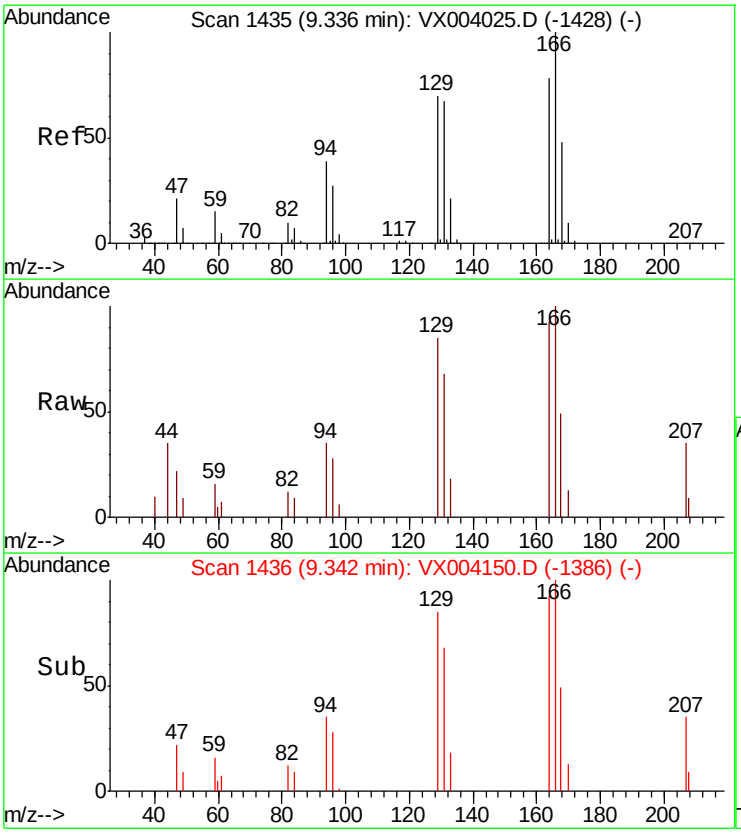
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument : MSVOA_X
ClientSampleId : KY070MW236-180815

Tgt Ion:117 Resp: 416680

Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.4	68.0
119	34.4	26.6	40.0

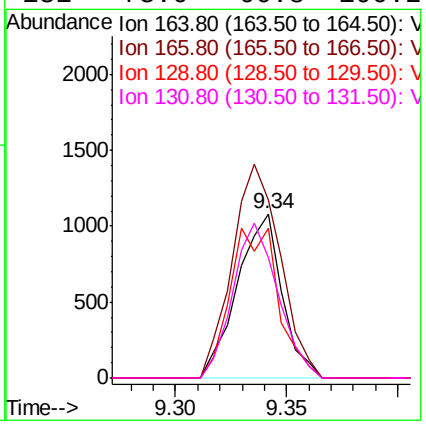


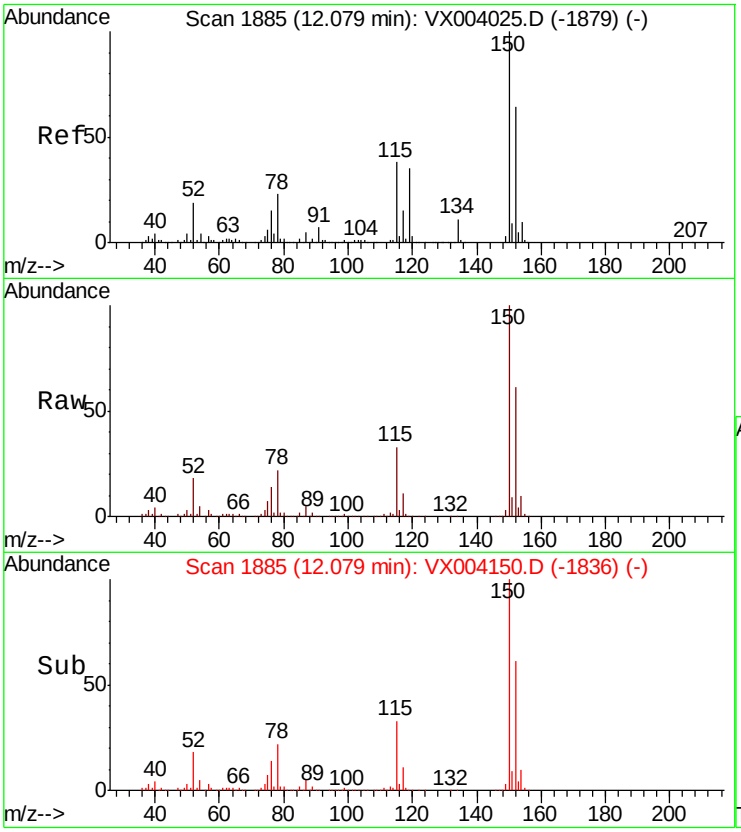


#64
Tetrachloroethene
Concen: 0.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion:164 Resp: 1511

Ion	Ratio	Lower	Upper
164	100		
166	107.9	98.0	147.0
129	91.5	64.3	96.5
131	73.0	66.8	100.2



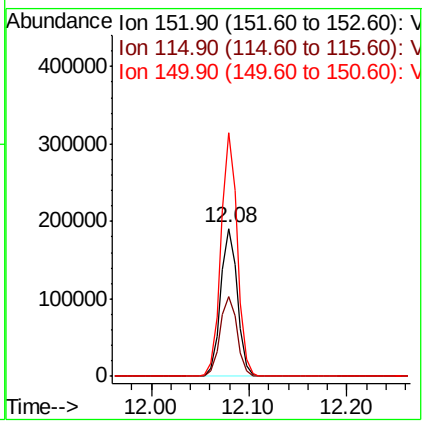


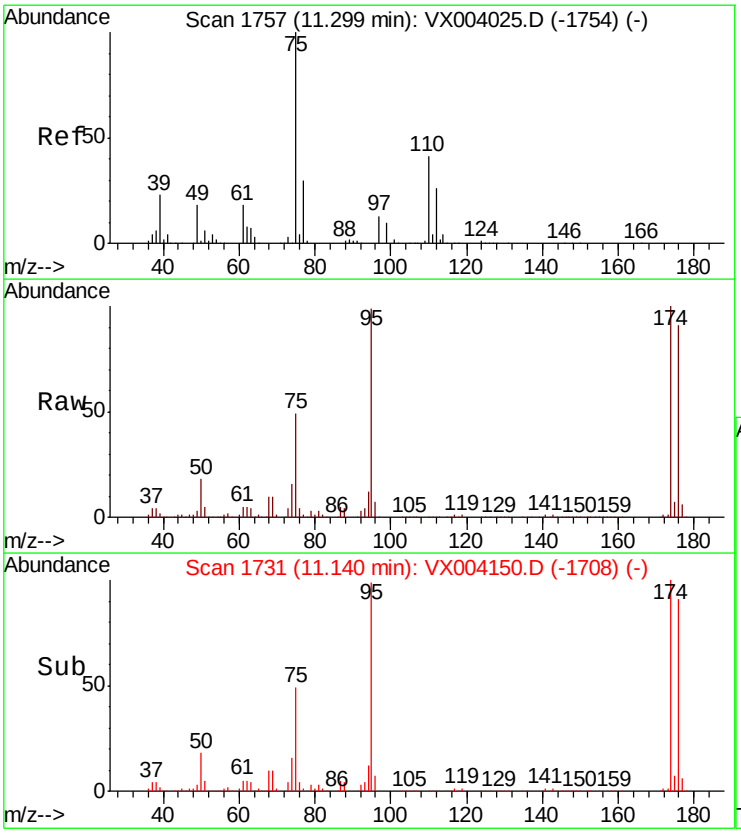
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

Tgt Ion:152 Resp: 225341

Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.1	117.3
150	160.4	0.0	349.2

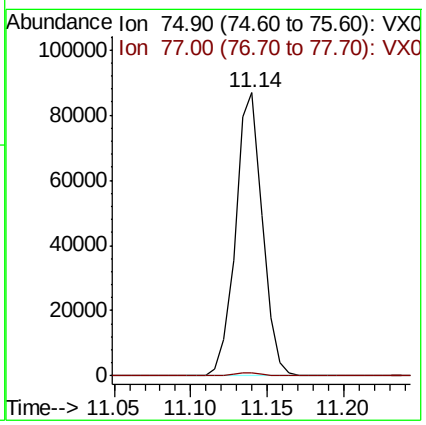


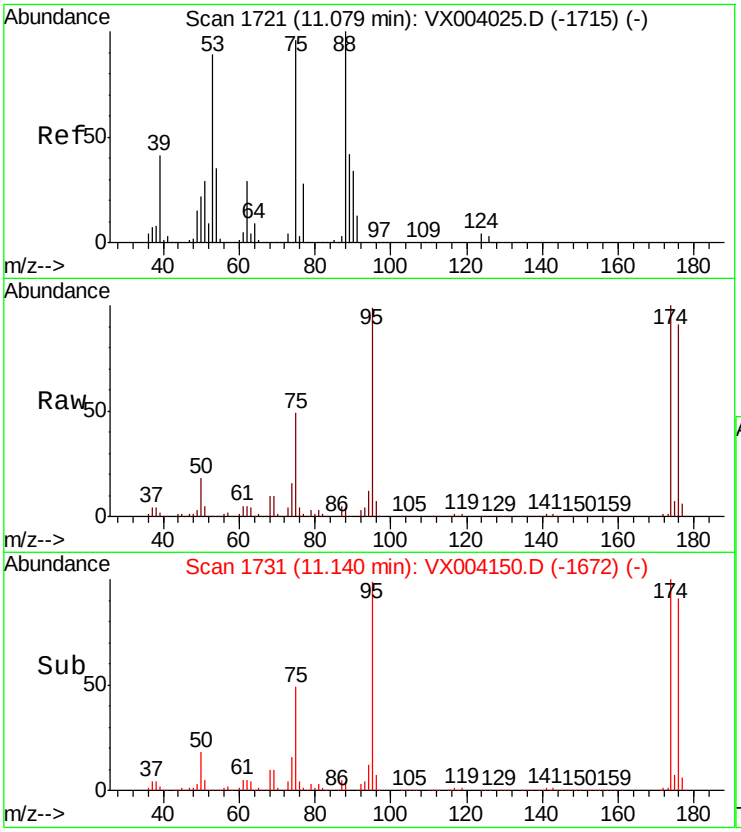


#76
1,2,3-Trichloropropane
Concen: 23.29 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion: 75 Resp: 105253

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.8	62.5#



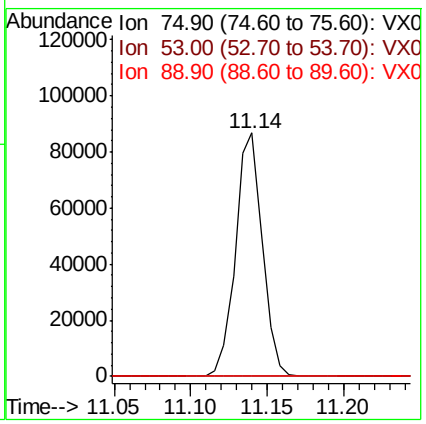


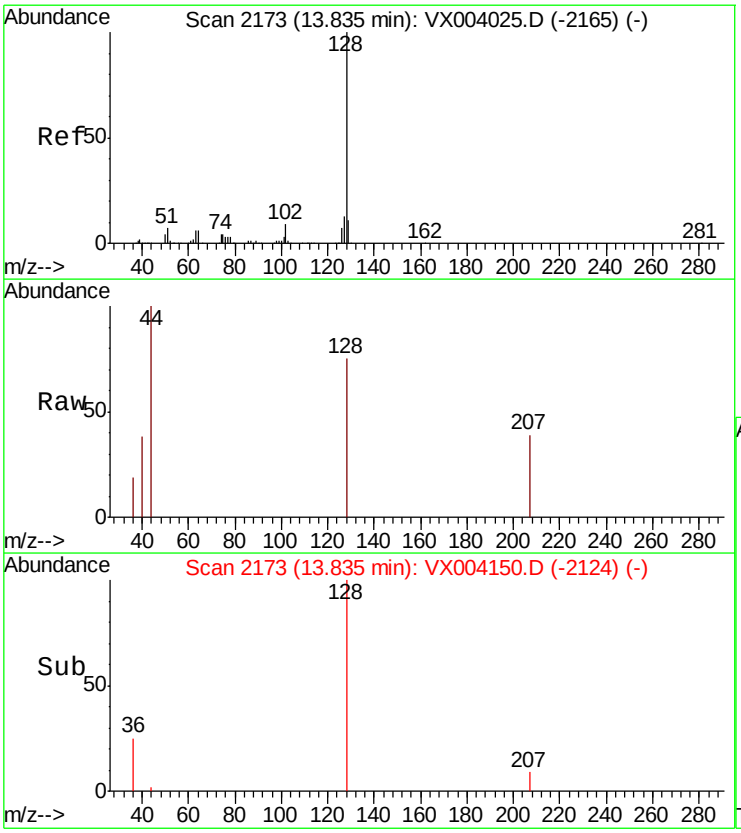
#81
trans-1,4-Dichloro-2-butene
Concen: 72.10 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

Tgt Ion: 75 Resp: 105253

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.3	120.5#
89	0.0	37.8	56.8#





#95
Naphthalene
Concen: 1.17 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion:128 Resp: 341

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.8	13.2#