Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102618\
Data File : VX005643.D
Acq On : 27 Oct 2018 09:07
Operator : JC/MD
Sample : J5711-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-6-WS

Quant Time: Oct 29 00:53:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	226643	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	336774	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	294315	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183538	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	144582	52.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.52%				
35) Dibromofluoromethane	5.51	113	114849	50.36	ug/l		0.01
Spiked Amount 50.000			Recovery = 100.72%				
50) Toluene-d8	8.71	98	391438	47.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.54%				
62) 4-Bromofluorobenzene	11.14	95	141606	45.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.52%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.41	62	2603	0.929	ug/l		97
5) Bromomethane	1.64	94	479	0.275	ug/l	#	49
6) Chloroethane	1.65	64	3812	2.130	ug/l	#	52
10) Methyl Iodide	2.51	142	50	2.746	ug/l	#	39
11) Tert butyl alcohol	3.07	59	416	0.559	ug/l	#	87
13) Acrolein	2.28	56	180	0.474	ug/l	#	57
16) Acetone	2.45	43	11336	7.754	ug/l	#	81
18) Methyl Acetate	2.89	43	545	Below Cal		#	55
20) Methylene Chloride	2.86	84	623	0.254	ug/l		88
25) 2-Butanone	4.70	43	1820	0.818	ug/l	#	88
27) cis-1,2-Dichloroethene	4.60	96	19215	7.673	ug/l		89
36) 1,1-Dichloropropene	5.66	75	16395	5.016	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	21278	6.181	ug/l	#	16
39) Methylcyclohexane	7.45	83	1083	0.300	ug/l	#	56
40) Benzene	6.15	78	2139	0.228	ug/l		96
55) 1,1,2-Trichloroethane	9.16	97	3242	1.351	ug/l	#	17
56) Ethyl methacrylate	9.16	69	901	0.252	ug/l	#	5
60) Dibromochloromethane	9.34	129	1074	0.429	ug/l	#	10
64) Tetrachloroethene	9.34	164	1260	0.516	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	11.28	83	983	0.237	ug/l	#	35
76) 1,2,3-Trichloropropane	11.13	75	72403	18.619	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	72403	60.837	ug/l	#	9
85) sec-Butylbenzene	11.94	105	2487	0.218	ug/l		88
86) p-Isopropyltoluene	12.02	119	2271	0.223	ug/l		89
89) n-Butylbenzene	12.39	91	1870	0.203	ug/l	#	51
90) Hexachloroethane	12.66	117	665	0.378	ug/l	#	2
95) Naphthalene	13.83	128	5572	0.445	ug/l	#	94

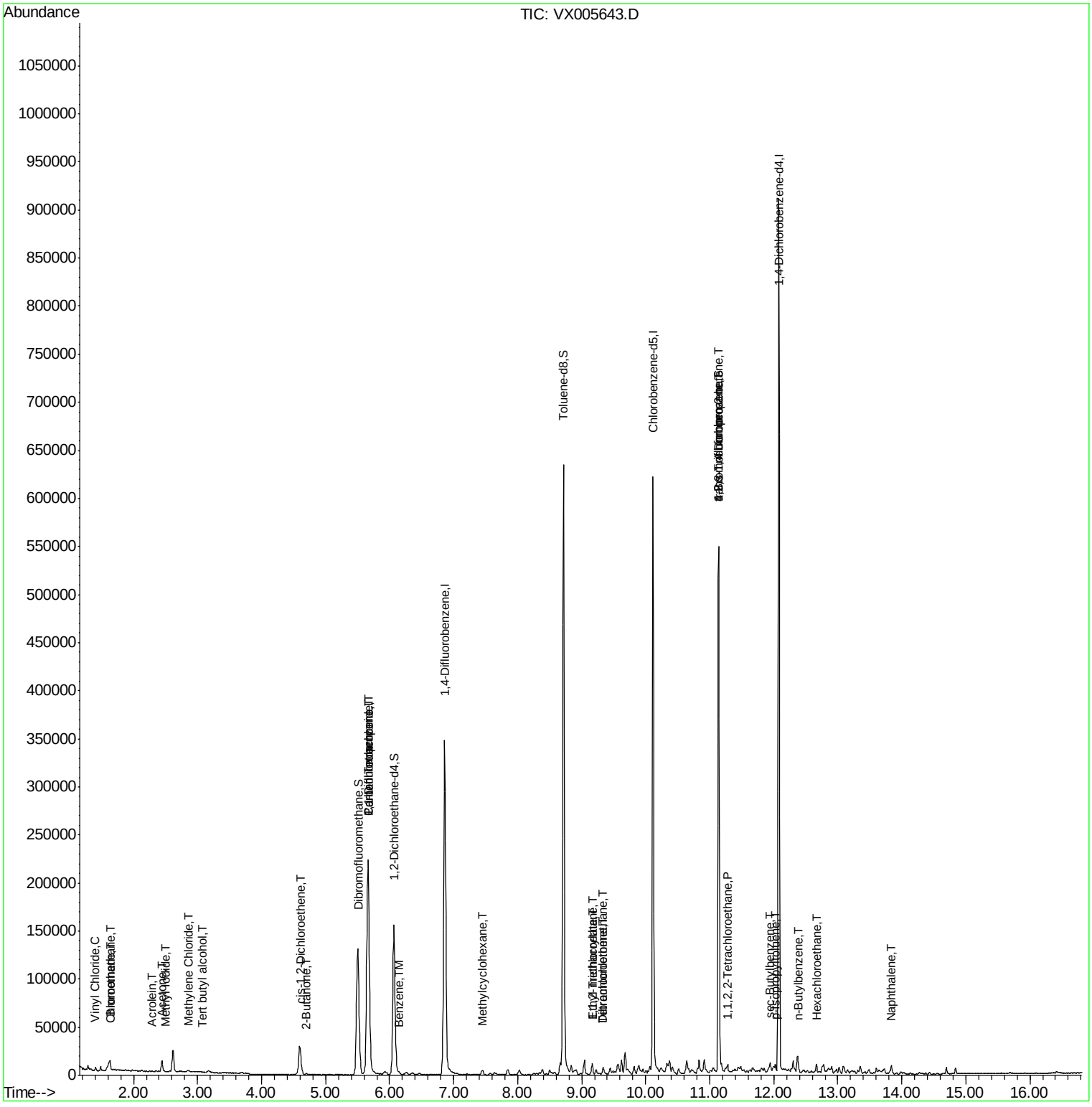
(#) = qualifier out of range (m) = manual integration (+) = signals summed

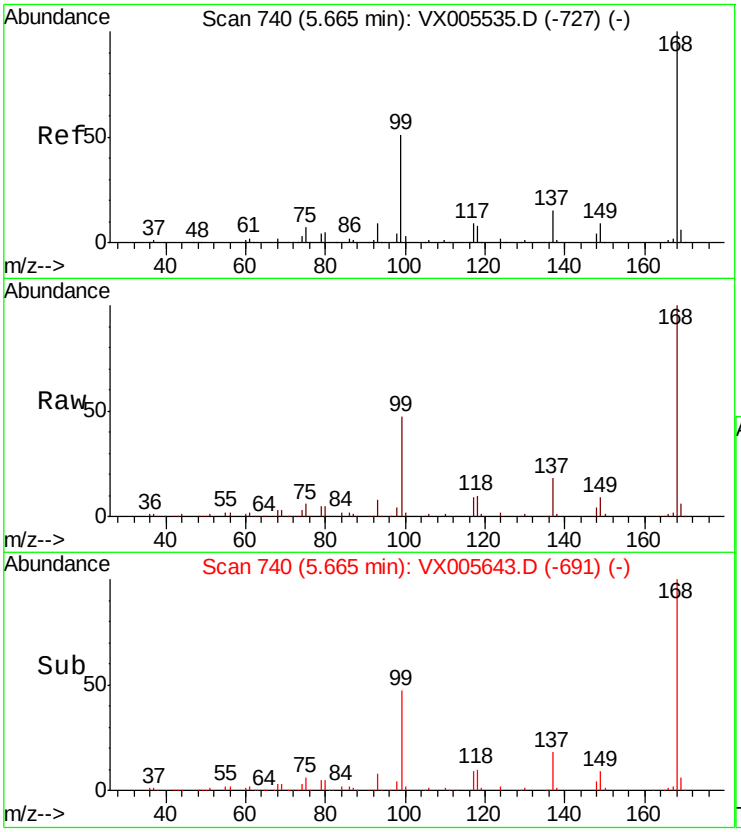
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102618\
Data File : VX005643.D
Acq On : 27 Oct 2018 09:07
Operator : JC/MD
Sample : J5711-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Quant Time: Oct 29 00:53:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration



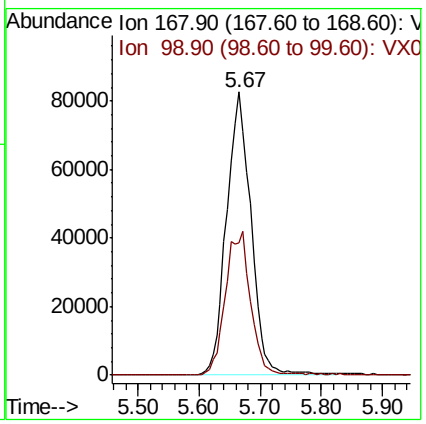


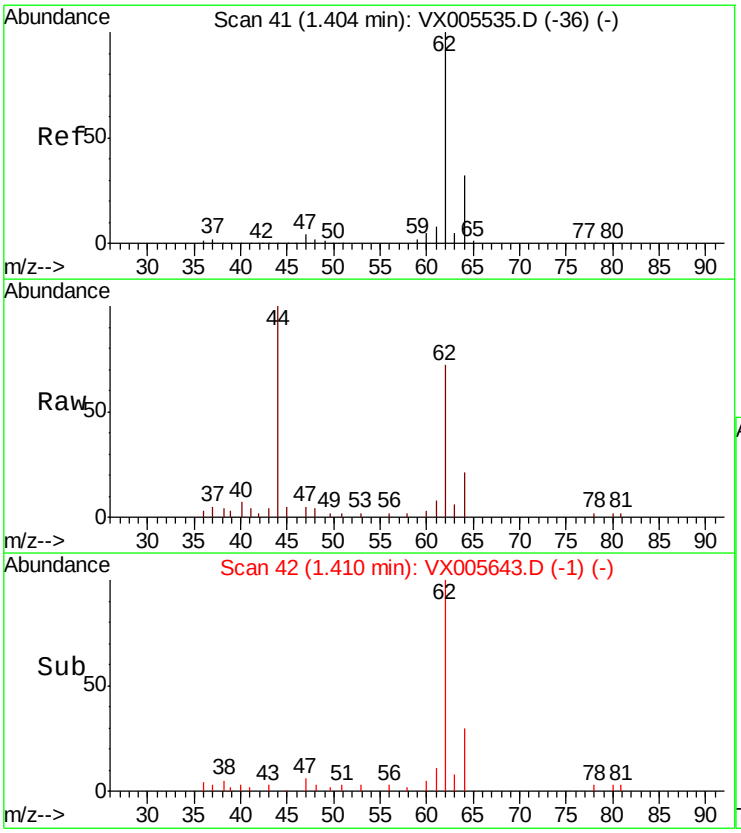
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion:168 Resp: 226643

Ion	Ratio	Lower	Upper
168	100		
99	46.8	40.7	61.1

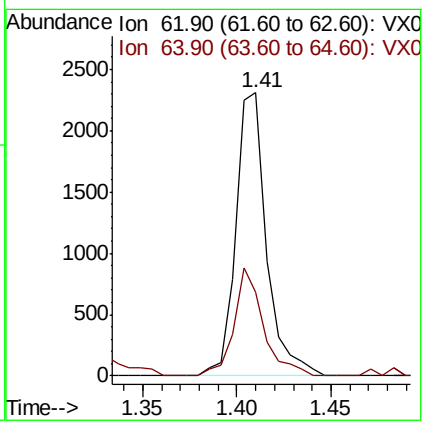


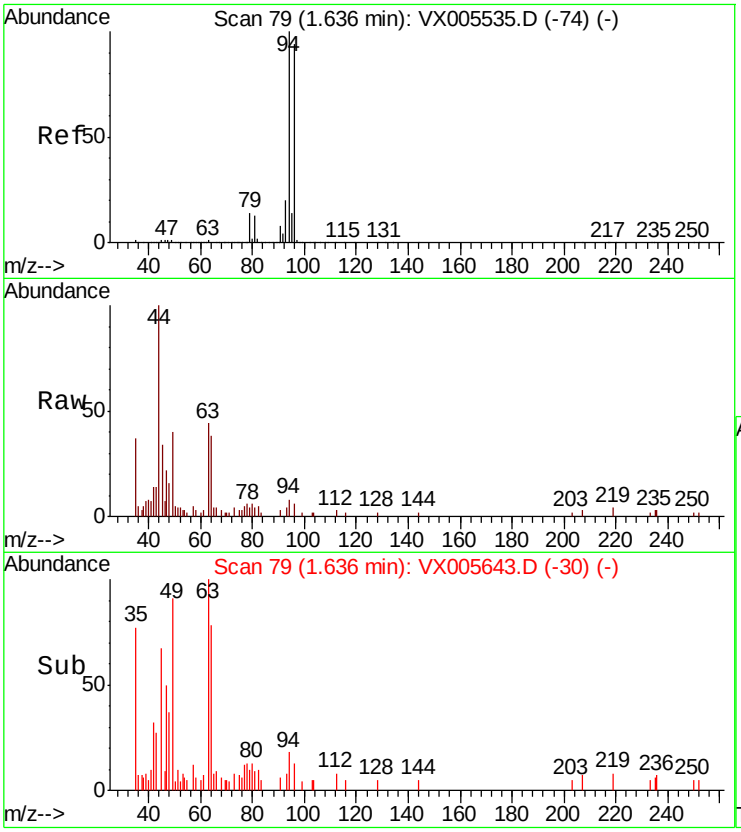


#4
Vinyl Chloride
Concen: 0.929 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 62 Resp: 2603

Ion	Ratio	Lower	Upper
62	100		
64	29.7	25.3	37.9



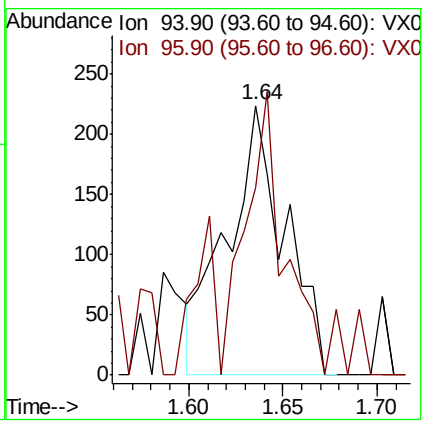


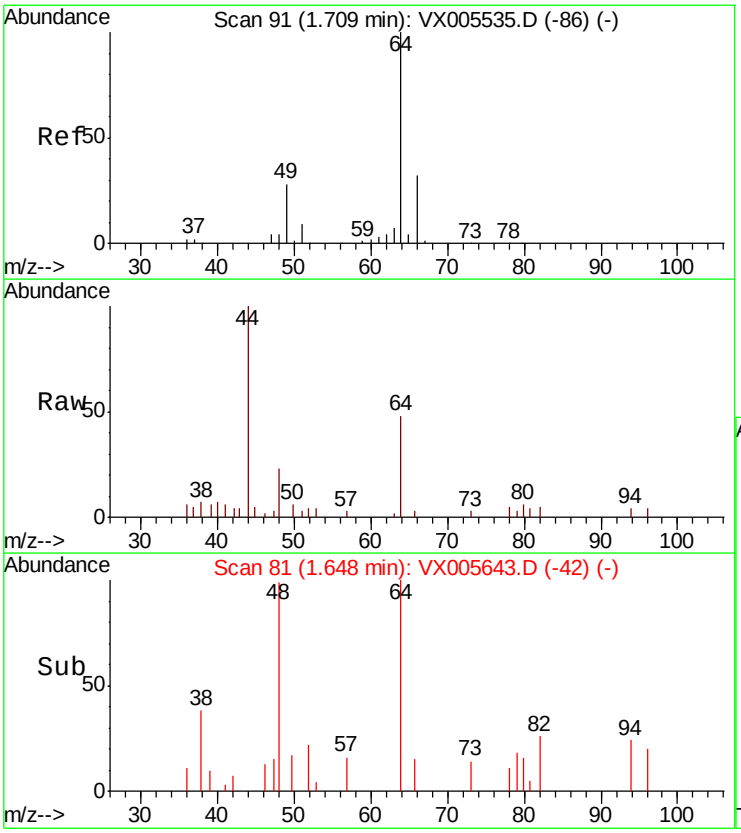
#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion: 94 Resp: 479

Ion	Ratio	Lower	Upper
94	100		
96	45.1	75.2	112.8#

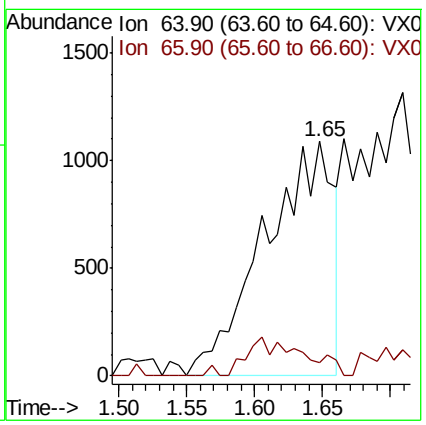


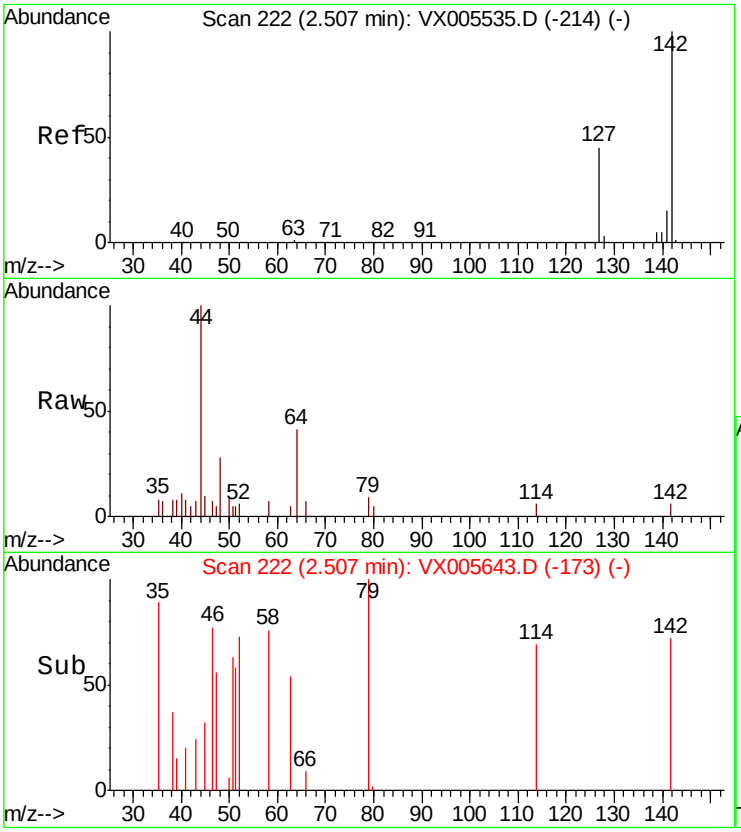


#6
Chloroethane
Concen: 2.130 ug/l
RT: 1.65 min Scan# 81
Delta R.T. -0.06 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 64 Resp: 3812

Ion	Ratio	Lower	Upper
64	100		
66	5.5	25.8	38.6#



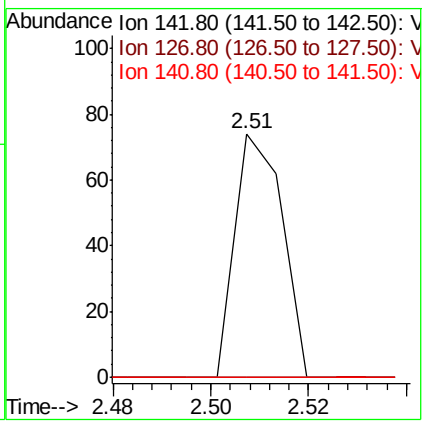


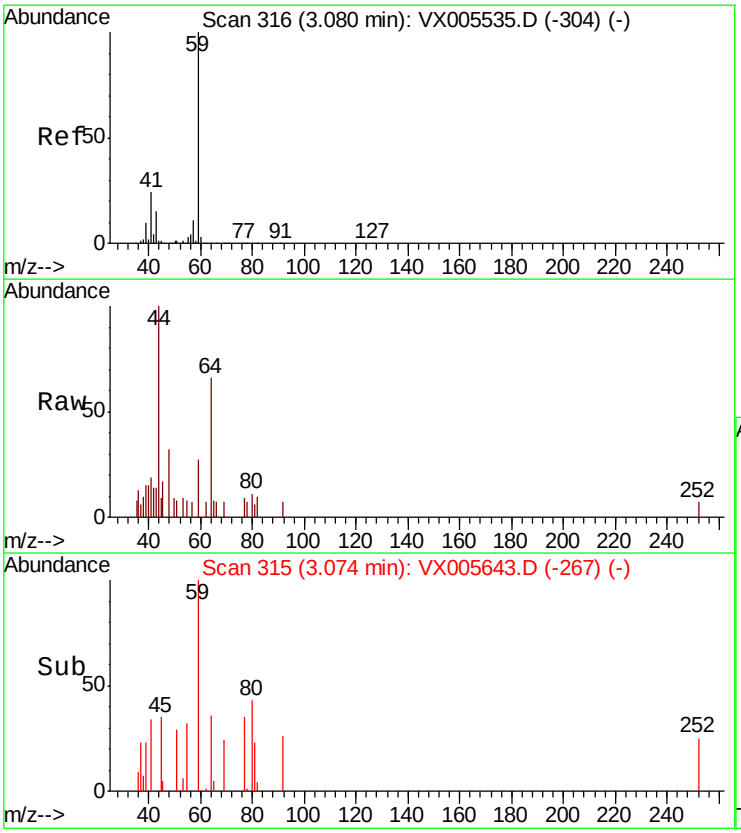
#10
Methyl Iodide
Concen: 2.746 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument : MSVOA_X
ClientSampleId : SB-6-WS

Tgt Ion:142 Resp: 50

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.0	54.0#
141	0.0	11.7	17.5#

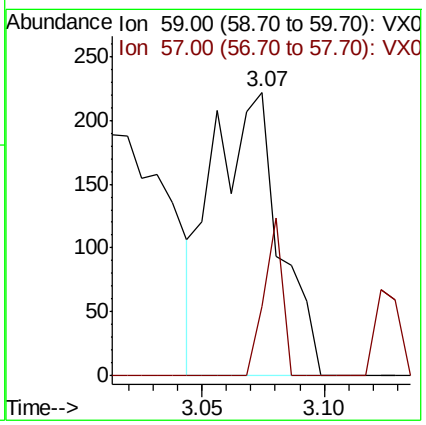


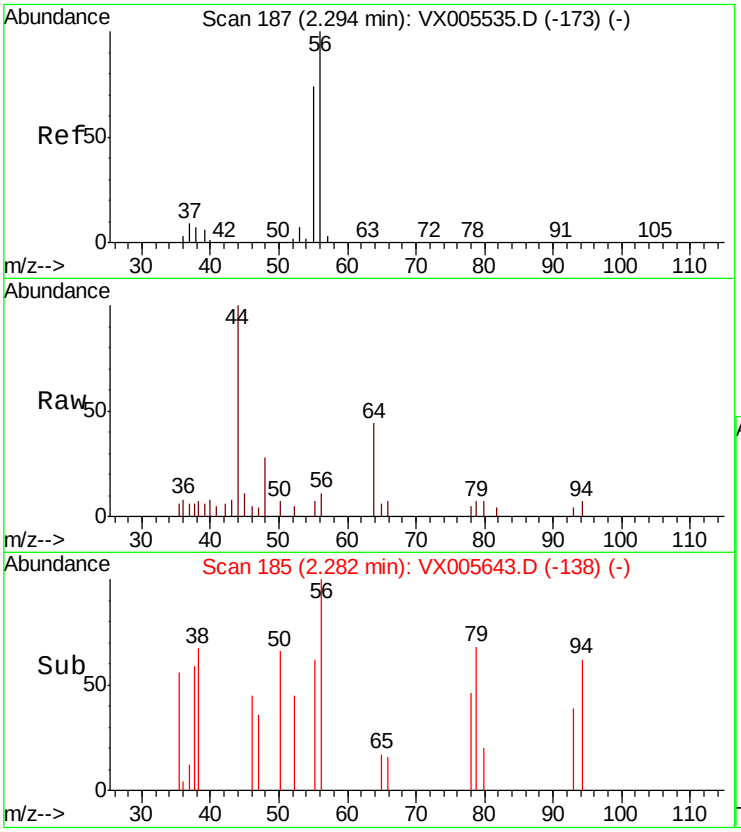


#11
Tert butyl alcohol
Concen: 0.559 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 59 Resp: 416

Ion	Ratio	Lower	Upper
59	100		
57	15.6	8.5	12.7#



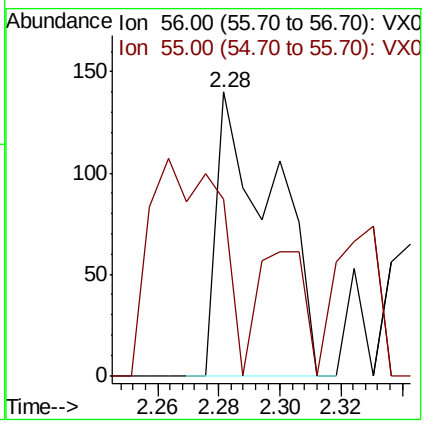


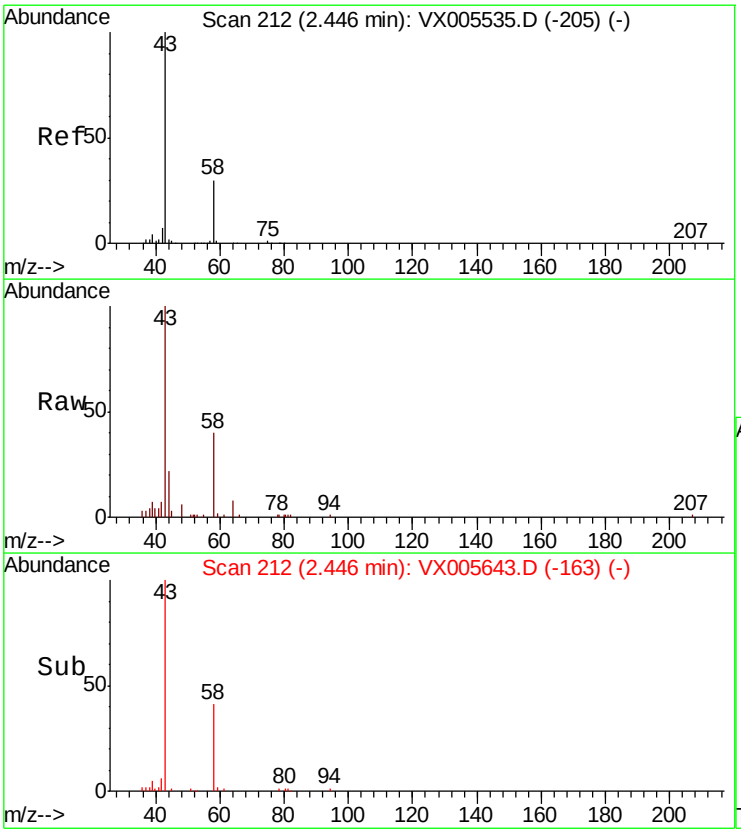
#13
Acrolein
Concen: 0.474 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion: 56 Resp: 180

Ion	Ratio	Lower	Upper
56	100		
55	36.1	57.3	85.9#

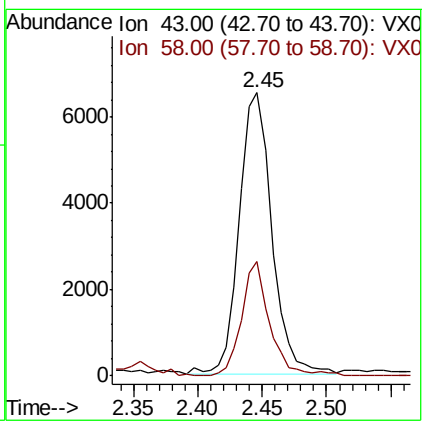


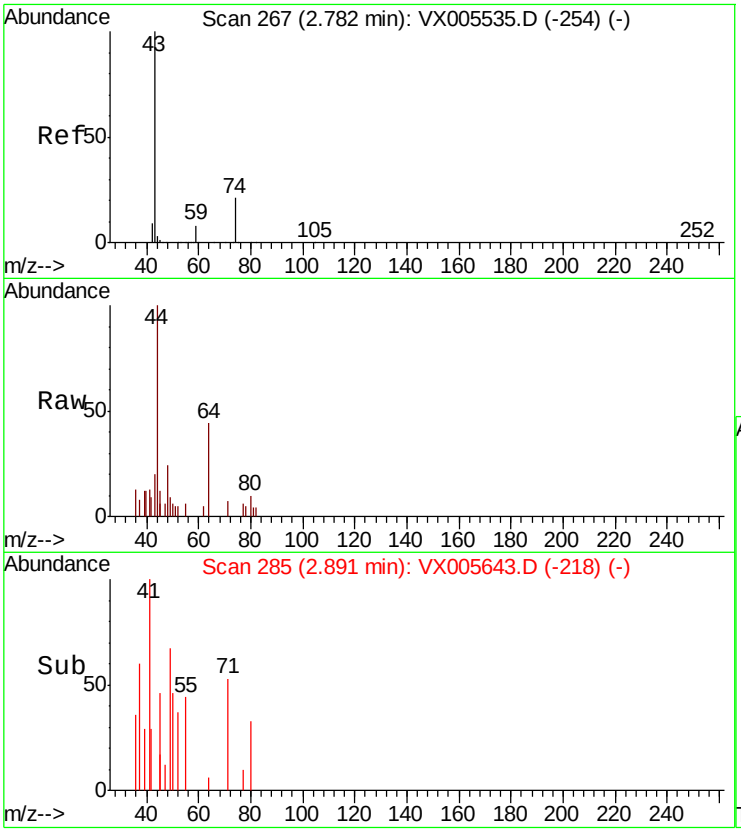


#16
Acetone
Concen: 7.754 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 43 Resp: 11336

Ion	Ratio	Lower	Upper
43	100		
58	39.9	23.8	35.6#



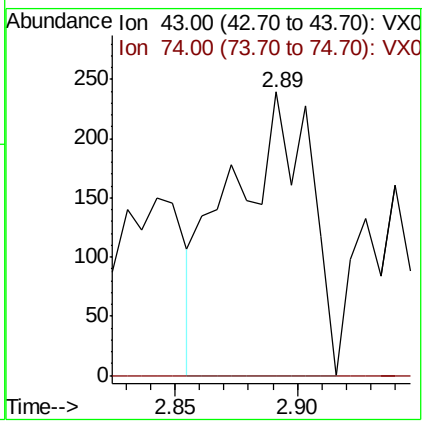


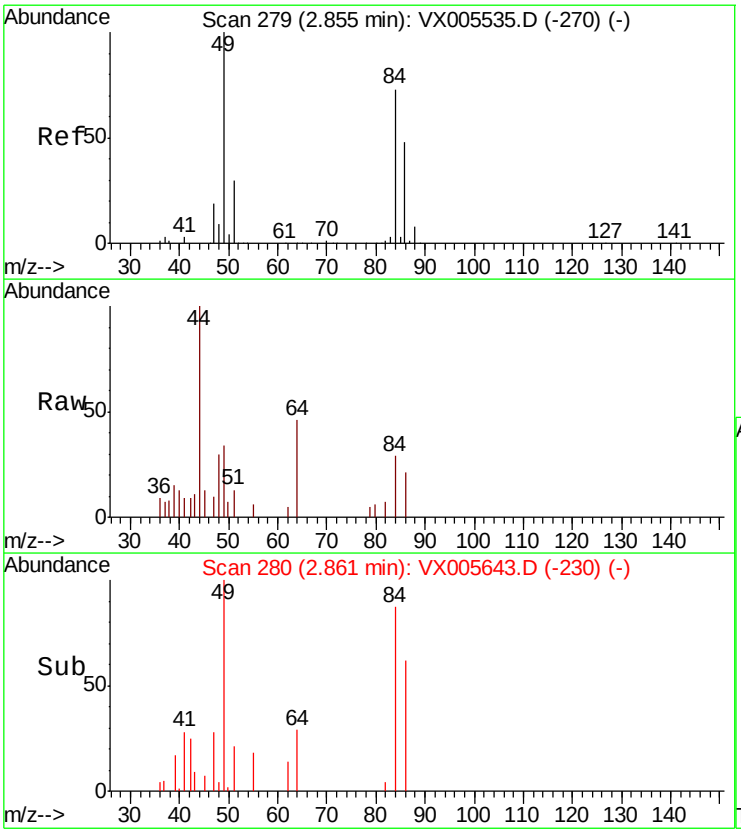
#18
Methyl Acetate
Concen: Below Cal
RT: 2.89 min Scan# 285
Delta R.T. 0.11 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument : MSVOA_X
ClientSampleId : SB-6-WS

Tgt Ion: 43 Resp: 545

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.8	25.2#

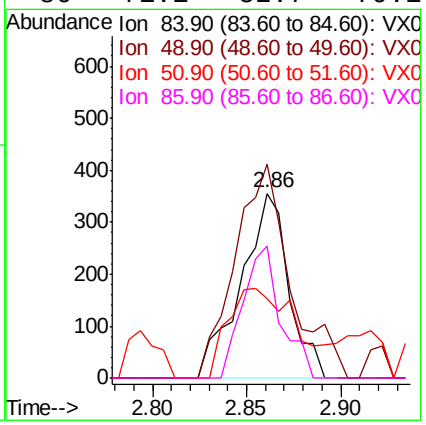


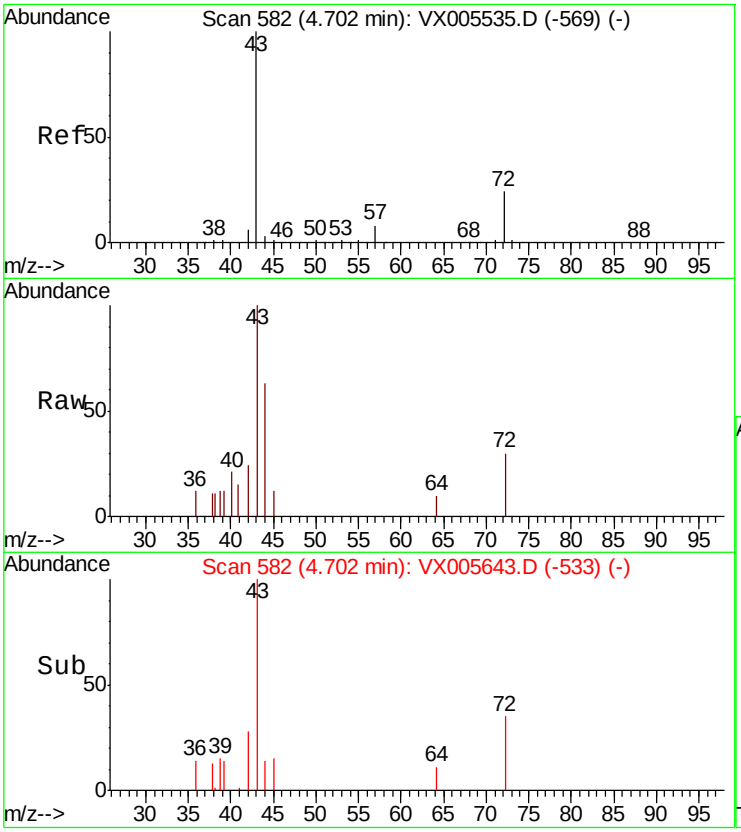


#20
Methylene Chloride
Concen: 0.254 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 84 Resp: 623

Ion	Ratio	Lower	Upper
84	100		
49	115.4	109.5	164.3
51	42.7	33.3	49.9
86	71.1	52.7	79.1



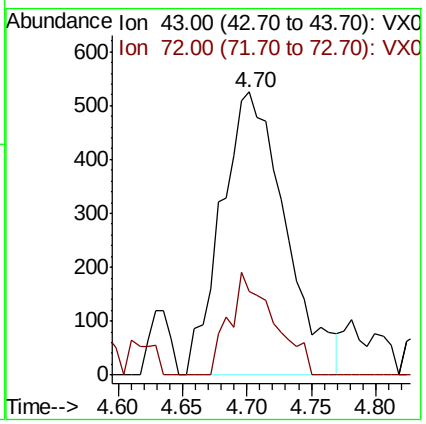


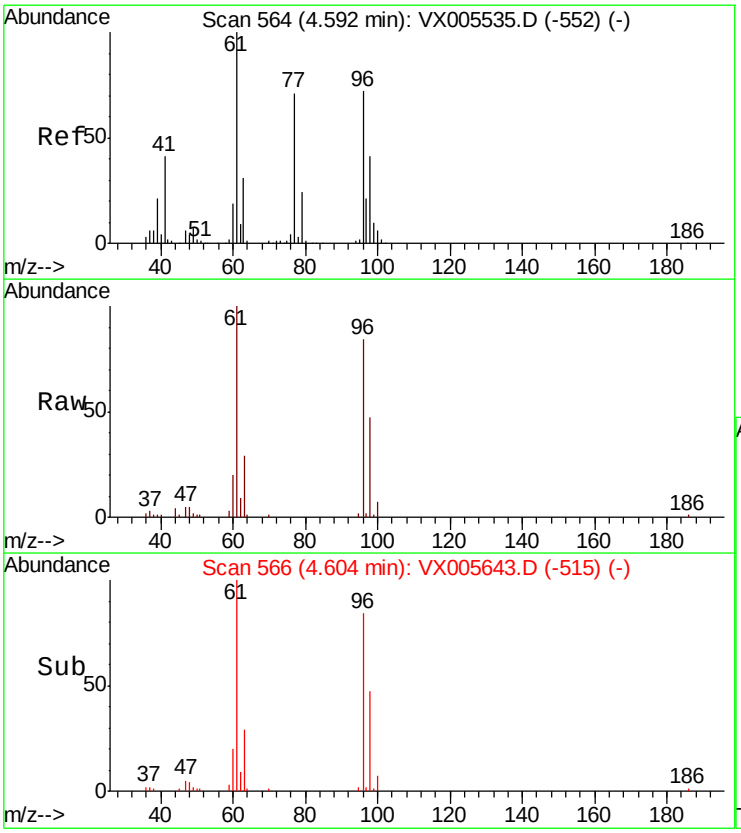
#25
2-Butanone
Concen: 0.818 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion: 43 Resp: 1820

Ion	Ratio	Lower	Upper
43	100		
72	29.7	19.2	28.8#

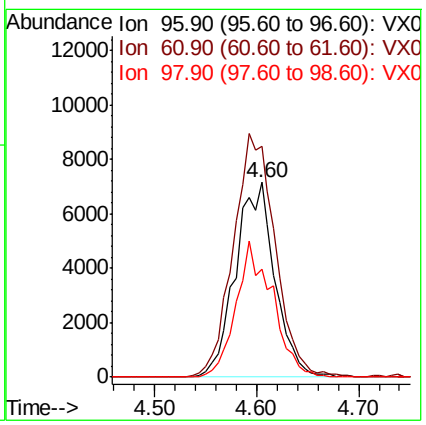


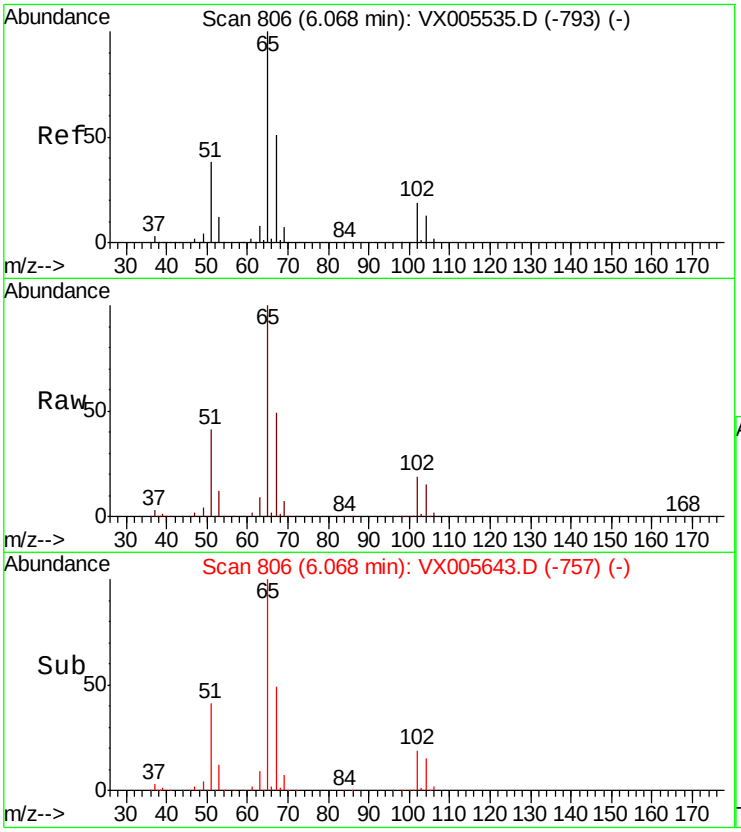


#27
cis-1,2-Dichloroethene
Concen: 7.673 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 96 Resp: 19215

Ion	Ratio	Lower	Upper
96	100		
61	132.5	0.0	304.6
98	64.1	0.0	127.4



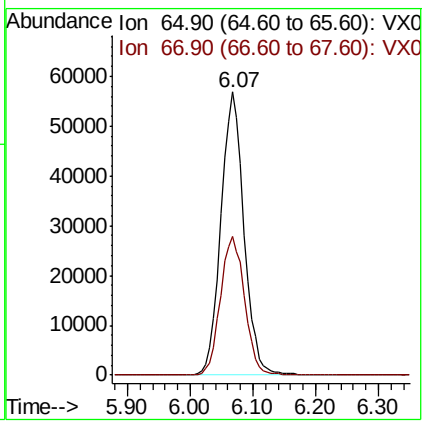


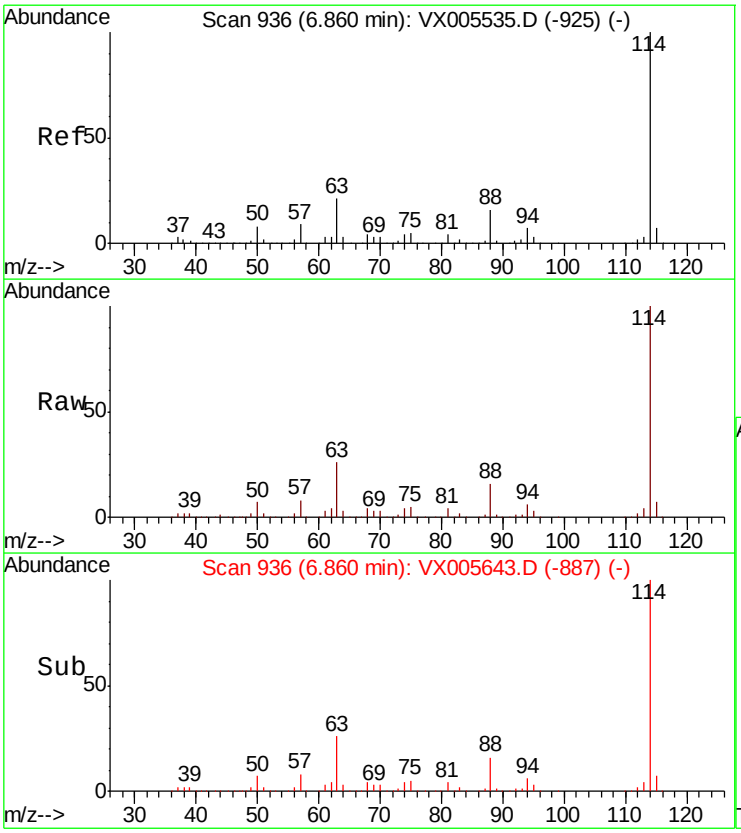
#33
1,2-Dichloroethane-d4
Concen: 52.260 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion: 65 Resp: 144582

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.0

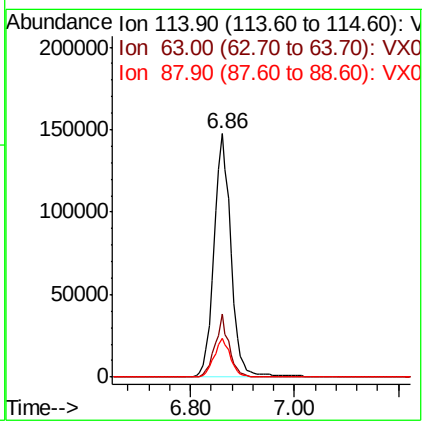


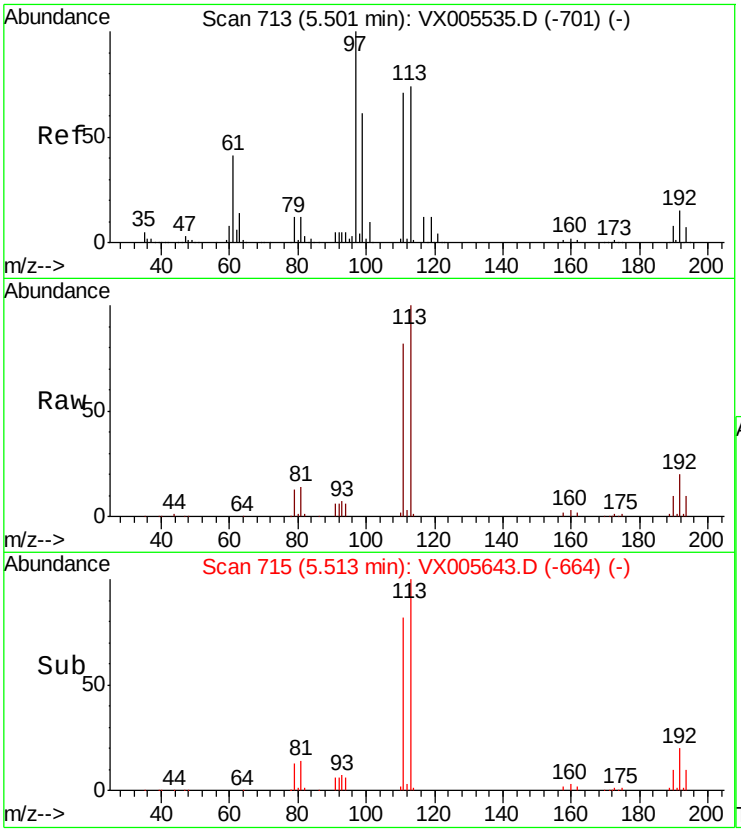


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion:114 Resp: 336774

Ion	Ratio	Lower	Upper
114	100		
63	25.8	0.0	42.8
88	16.0	0.0	31.2



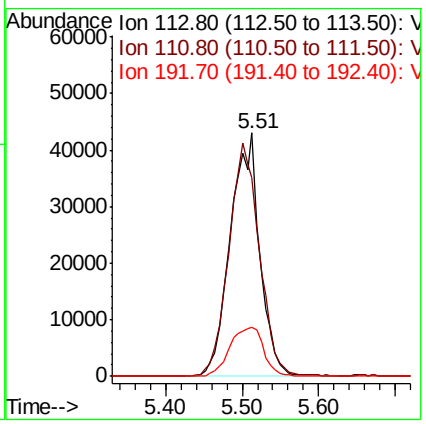


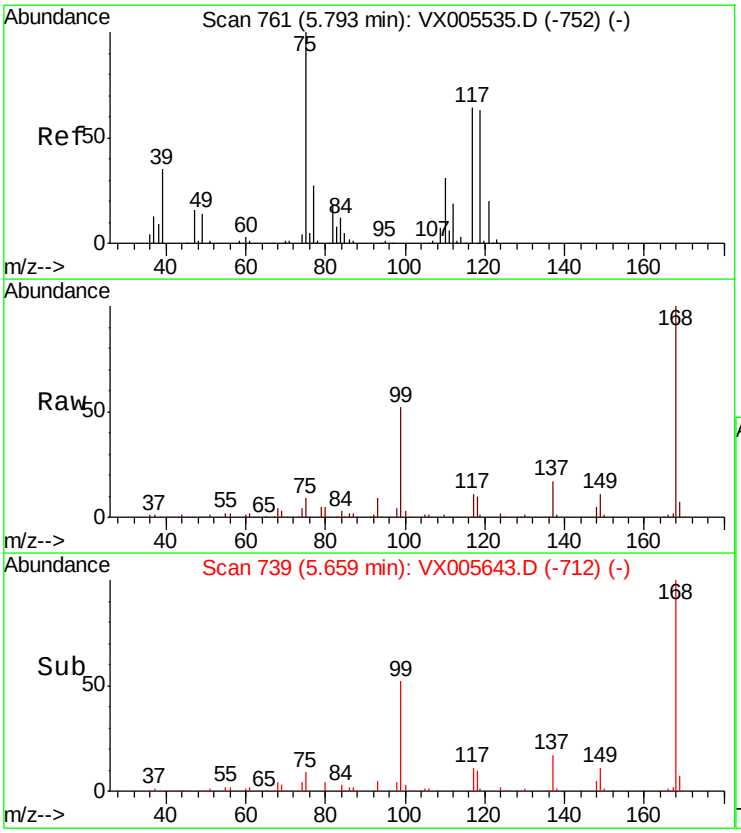
#35
Dibromofluoromethane
Concen: 50.365 ug/l
RT: 5.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion:113 Resp: 114849

Ion	Ratio	Lower	Upper
113	100		
111	99.3	82.3	123.5
192	23.2	17.9	26.9

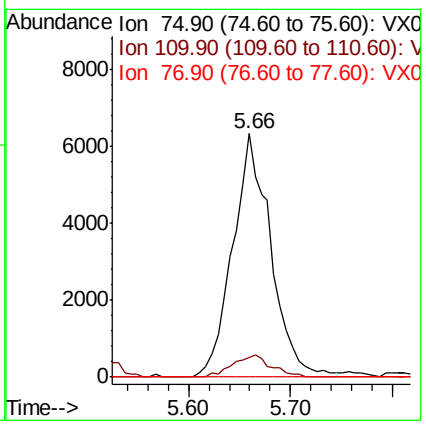


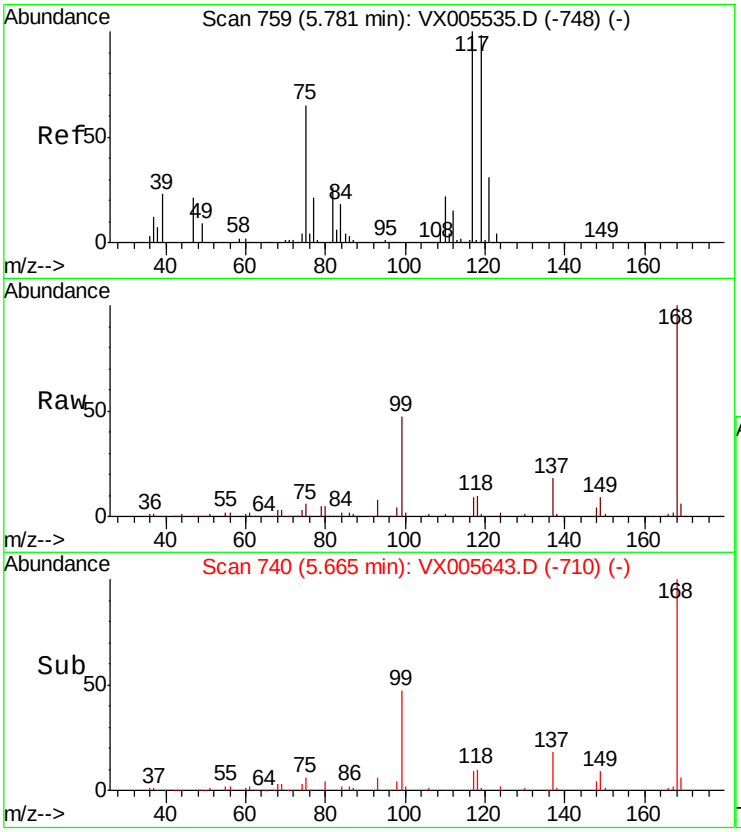


#36
1,1-Dichloropropene
Concen: 5.016 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 75 Resp: 16395

Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.4	52.2#
77	0.0	25.8	38.6#



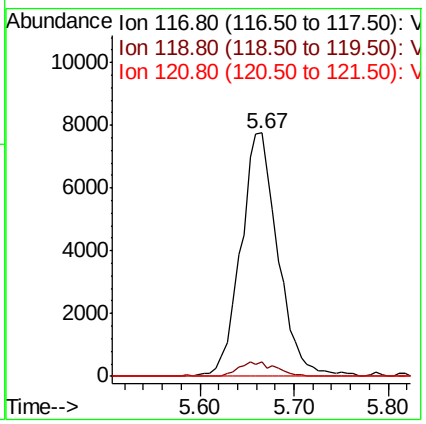


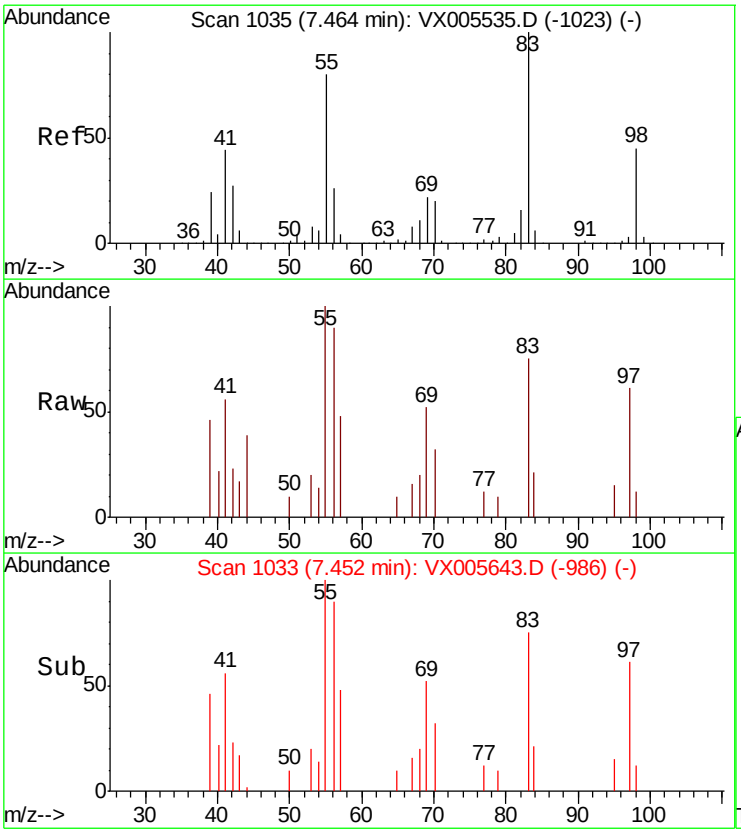
#38
Carbon Tetrachloride
Concen: 6.181 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument : MSVOA_X
ClientSampleId : SB-6-WS

Tgt Ion:117 Resp: 21278

Ion	Ratio	Lower	Upper
117	100		
119	5.7	78.1	117.1#
121	0.0	24.6	36.8#

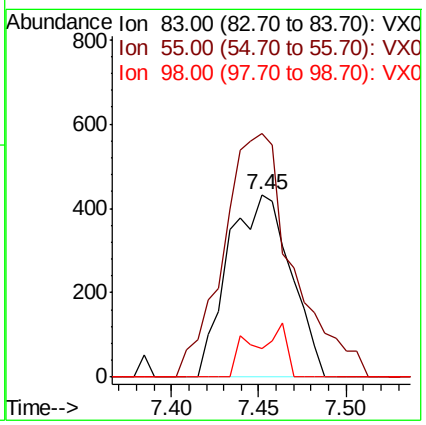


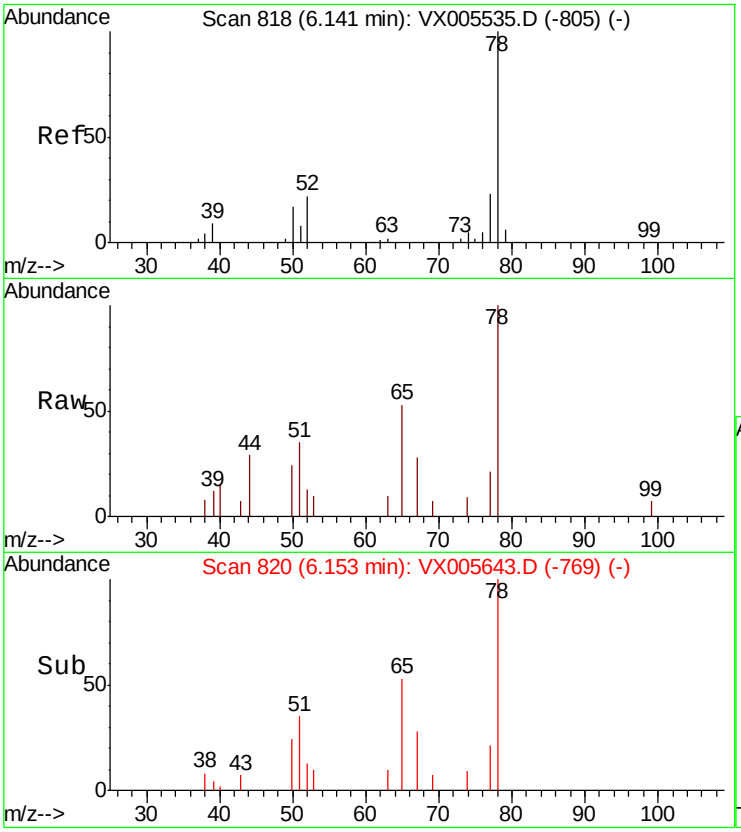


#39
Methylcyclohexane
Concen: 0.300 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 83 Resp: 1083

Ion	Ratio	Lower	Upper
83	100		
55	118.0	63.7	95.5#
98	15.7	36.2	54.2#



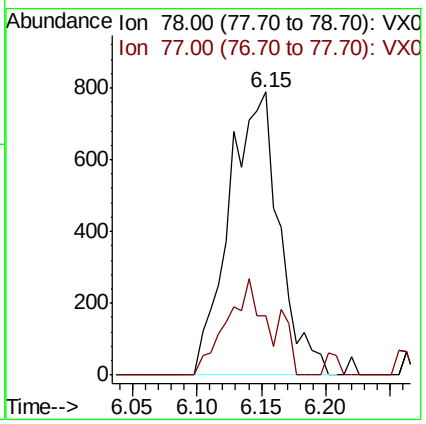


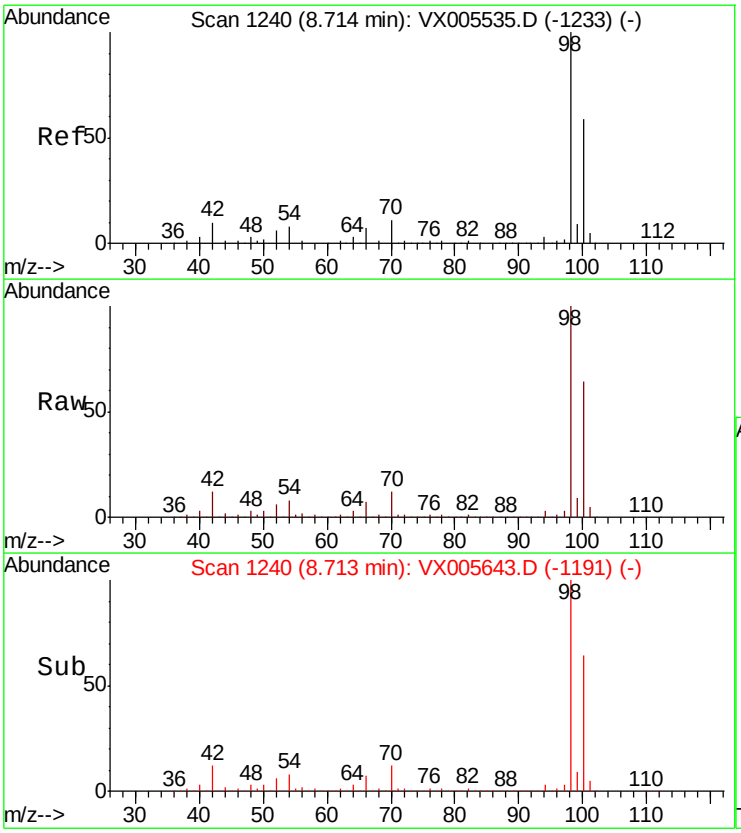
#40
Benzene
Concen: 0.228 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion: 78 Resp: 2139

Ion	Ratio	Lower	Upper
78	100		
77	20.9	18.4	27.6

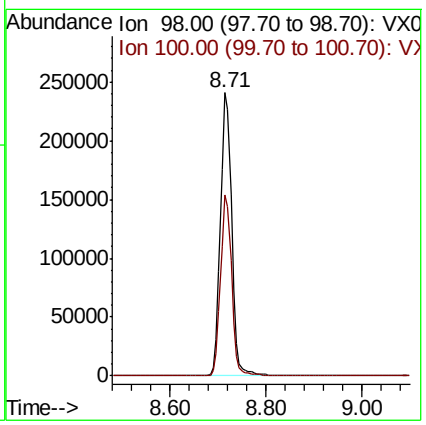


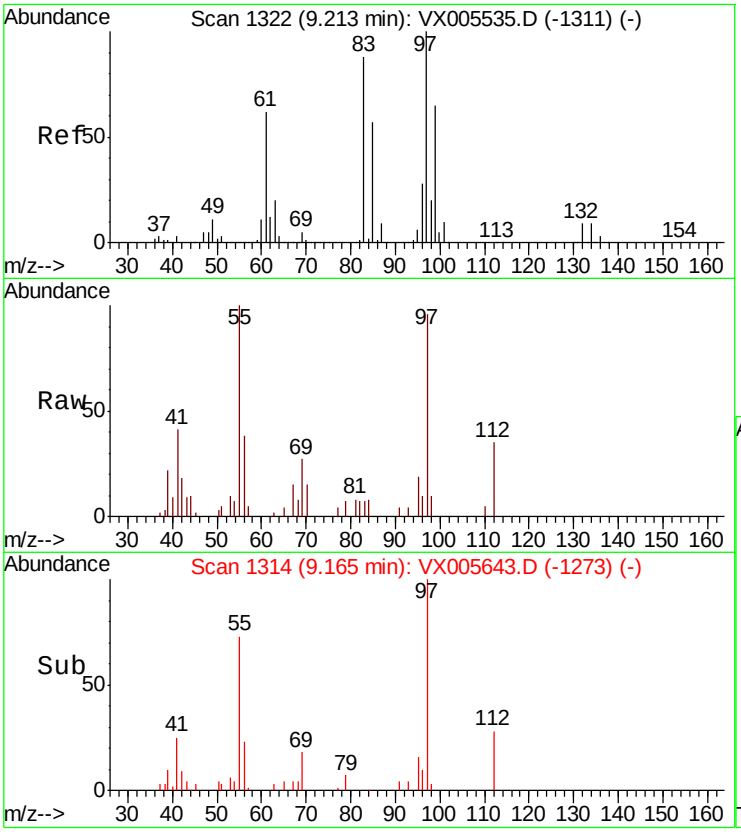


#50
Toluene-d8
Concen: 47.773 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 98 Resp: 391438

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.3	76.9



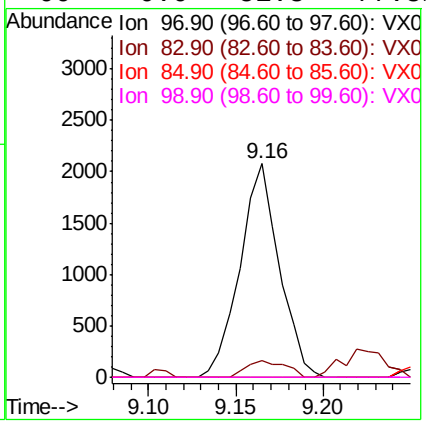


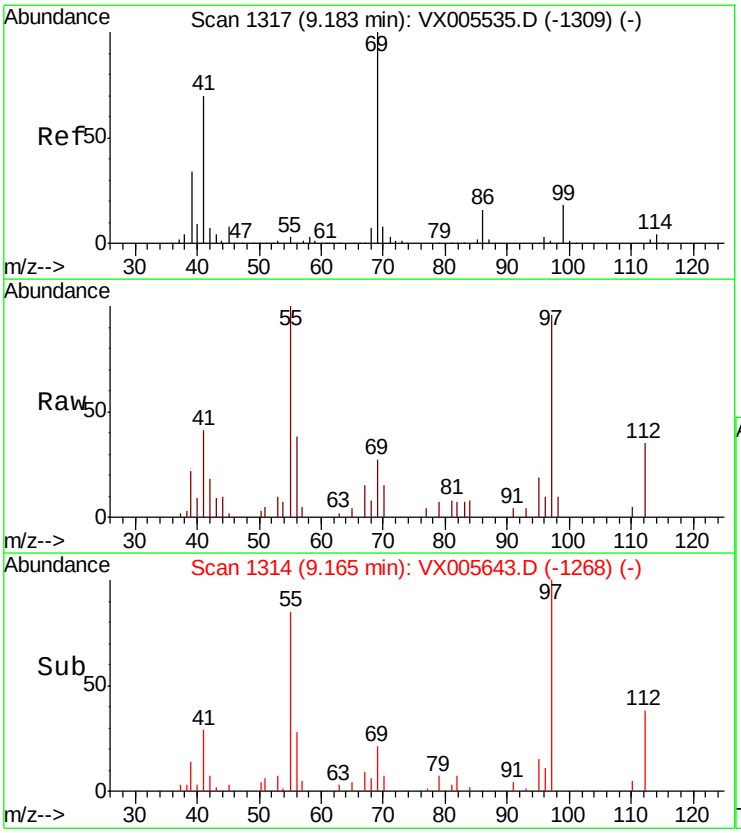
#55
1,1,2-Trichloroethane
Concen: 1.351 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion: 97 Resp: 3242

Ion	Ratio	Lower	Upper
97	100		
83	7.6	70.7	106.1#
85	0.0	45.8	68.6#
99	0.0	51.8	77.8#

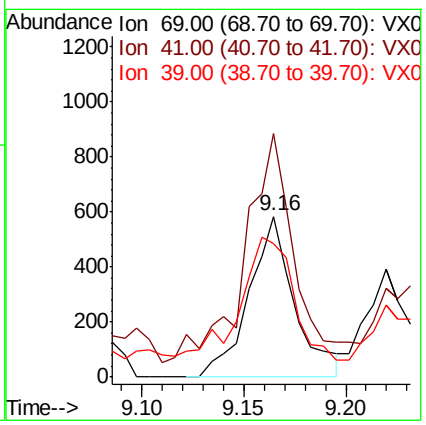


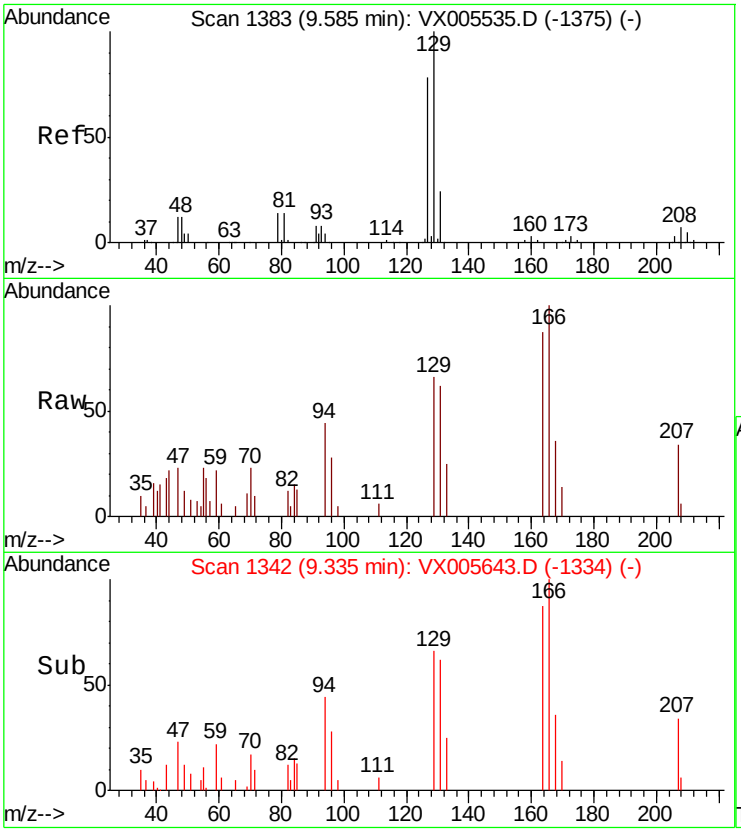


#56
Ethyl methacrylate
Concen: 0.252 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.02 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 69 Resp: 901

Ion	Ratio	Lower	Upper
69	100		
41	151.8	57.0	85.6#
39	88.8	28.3	42.5#



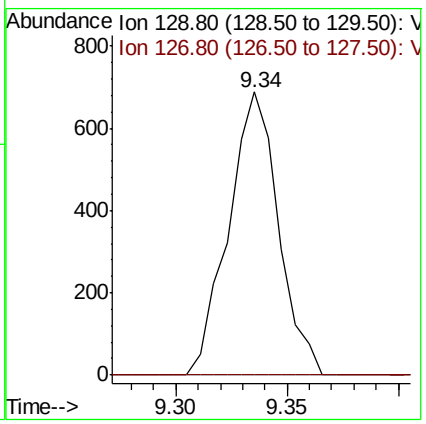


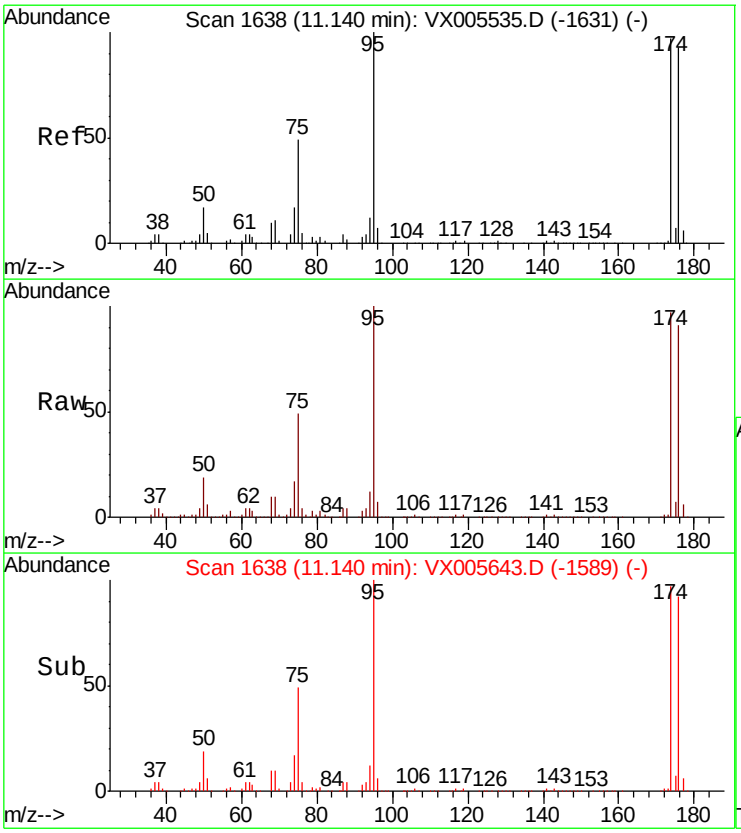
#60
Dibromochloromethane
Concen: 0.429 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion:129 Resp: 1074

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.7#

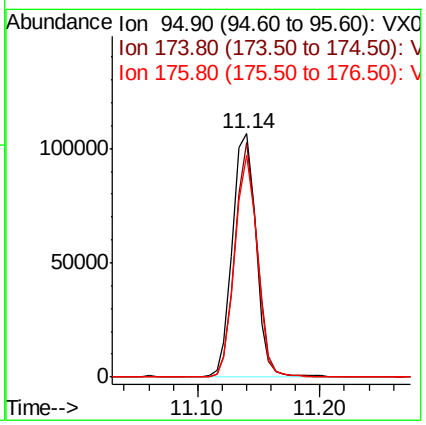


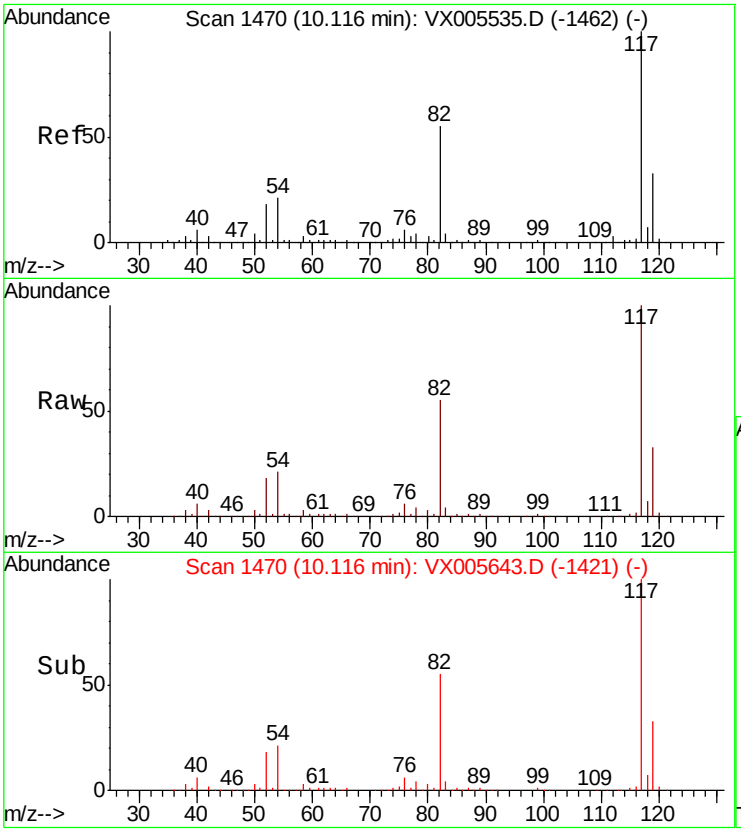


#62
4-Bromofluorobenzene
Concen: 45.763 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 95 Resp: 141606

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	184.4
176	86.8	0.0	177.4



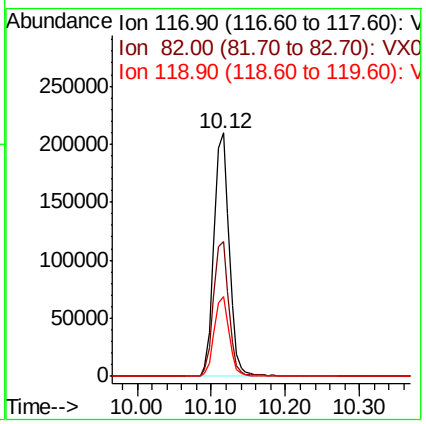


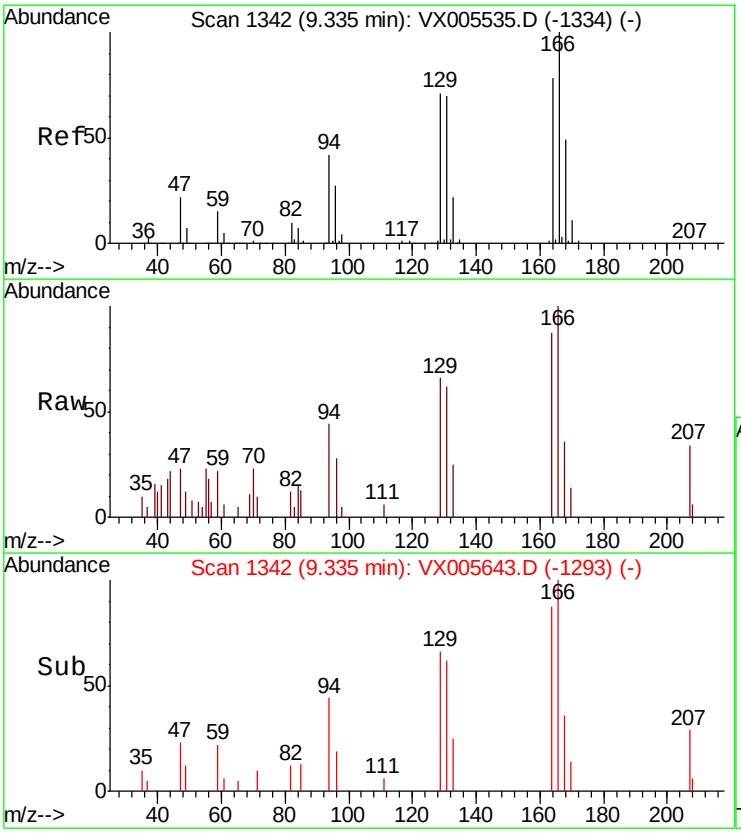
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument : MSVOA_X
ClientSampleId : SB-6-WS

Tgt Ion:117 Resp: 294315

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.1	66.1
119	32.7	26.2	39.2

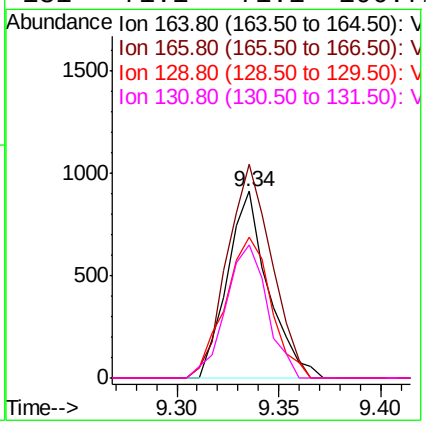


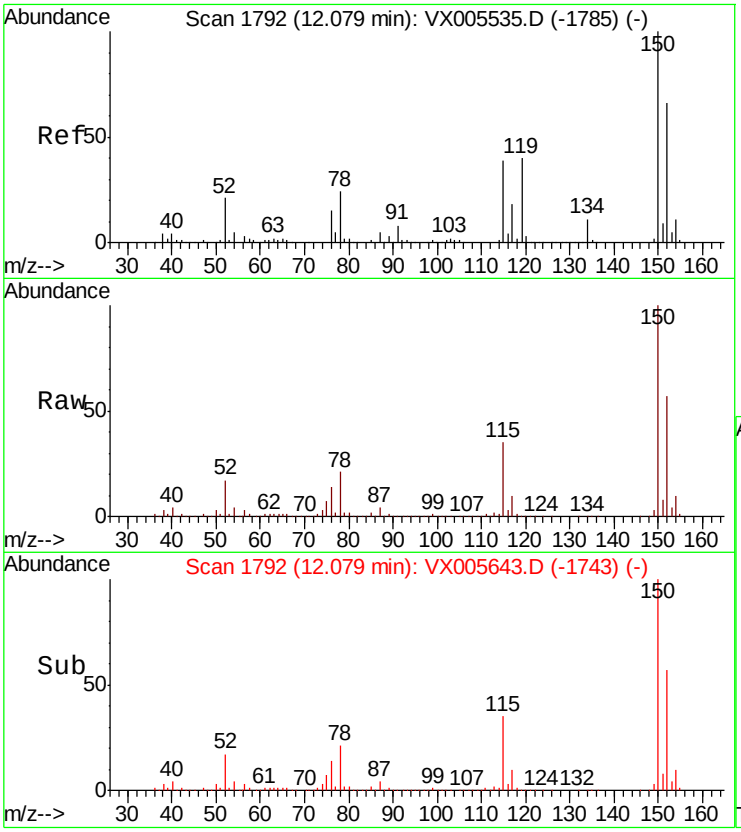


#64
Tetrachloroethene
Concen: 0.516 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion:164 Resp: 1260

Ion	Ratio	Lower	Upper
164	100		
166	114.4	101.9	152.9
129	75.6	72.6	109.0
131	71.1	71.1	106.7#



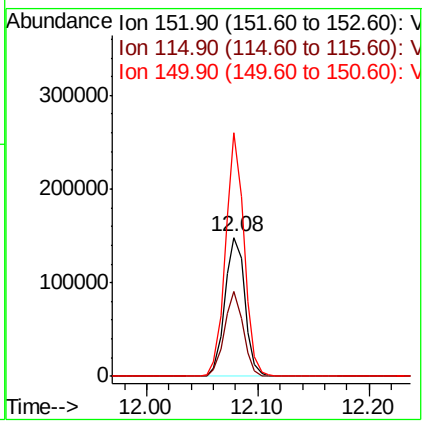


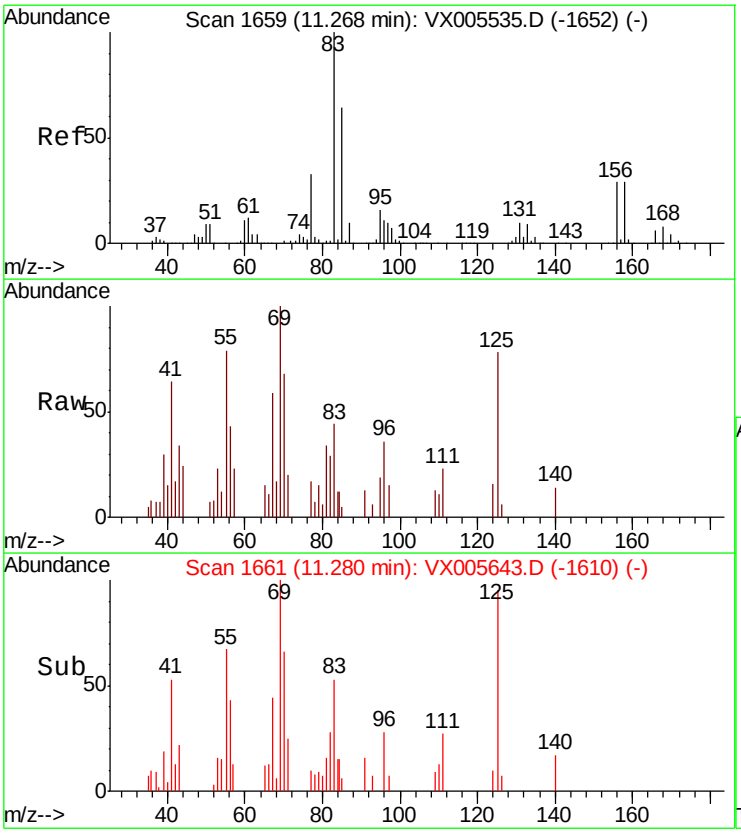
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument : MSVOA_X
ClientSampleId : SB-6-WS

Tgt Ion:152 Resp: 183538

Ion	Ratio	Lower	Upper
152	100		
115	57.6	39.4	118.1
150	162.2	0.0	346.4

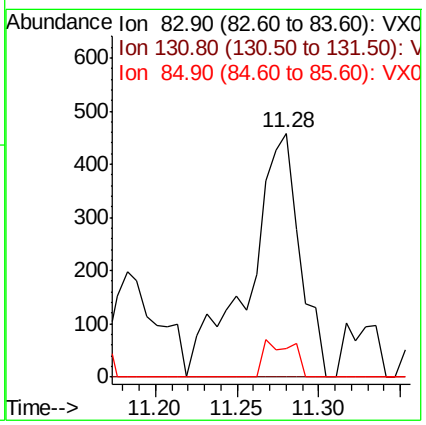


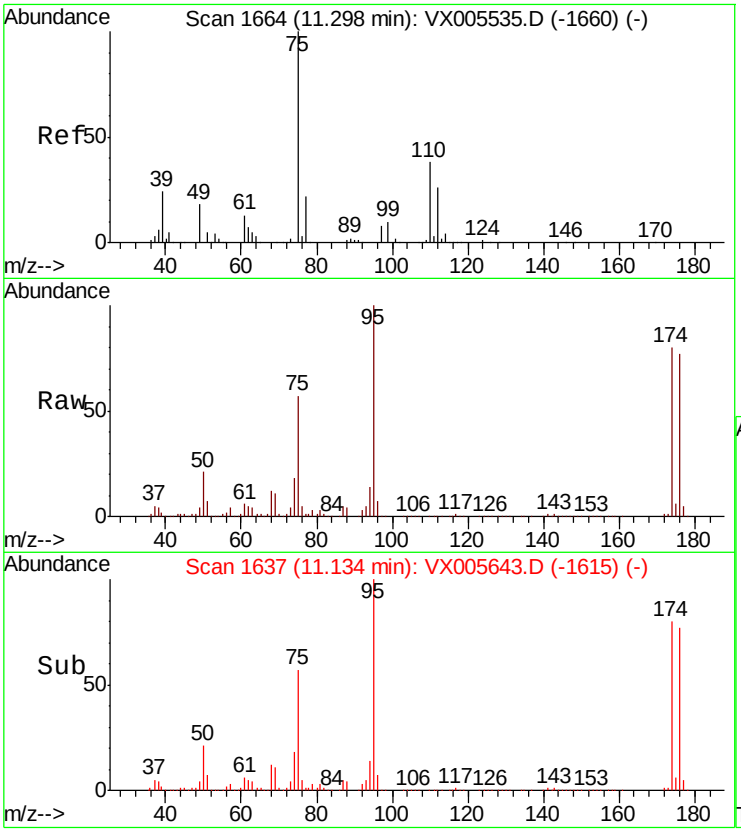


#75
1,1,2,2-Tetrachloroethane
Concen: 0.237 ug/l
RT: 11.28 min Scan# 1661
Delta R.T. 0.01 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 83 Resp: 983

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	8.9	32.0	96.2#



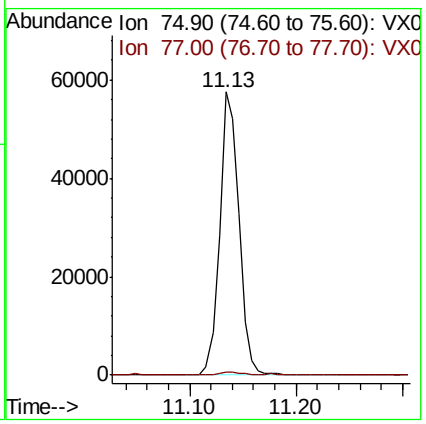


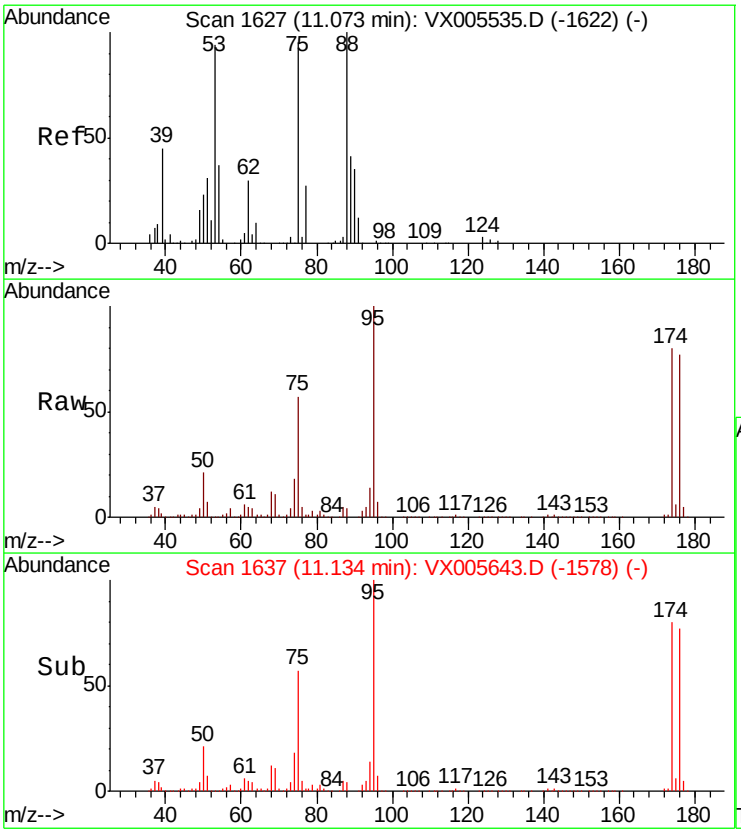
#76
1,2,3-Trichloropropane
Concen: 18.619 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion: 75 Resp: 72403

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.5	61.6#

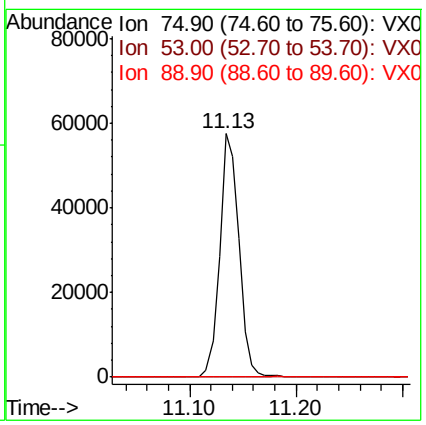


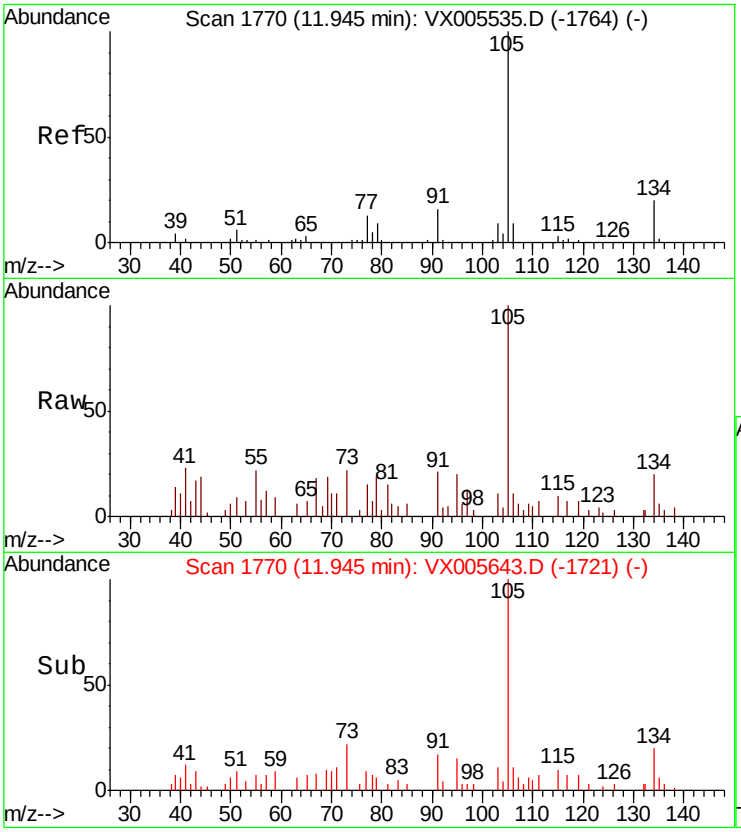


#81
trans-1,4-Dichloro-2-butene
Concen: 60.837 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion: 75 Resp: 72403

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.2	120.2#
89	0.0	39.8	59.8#



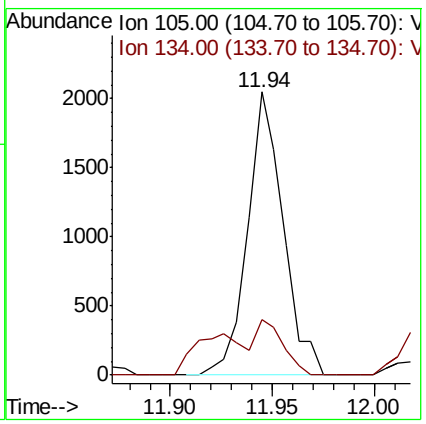


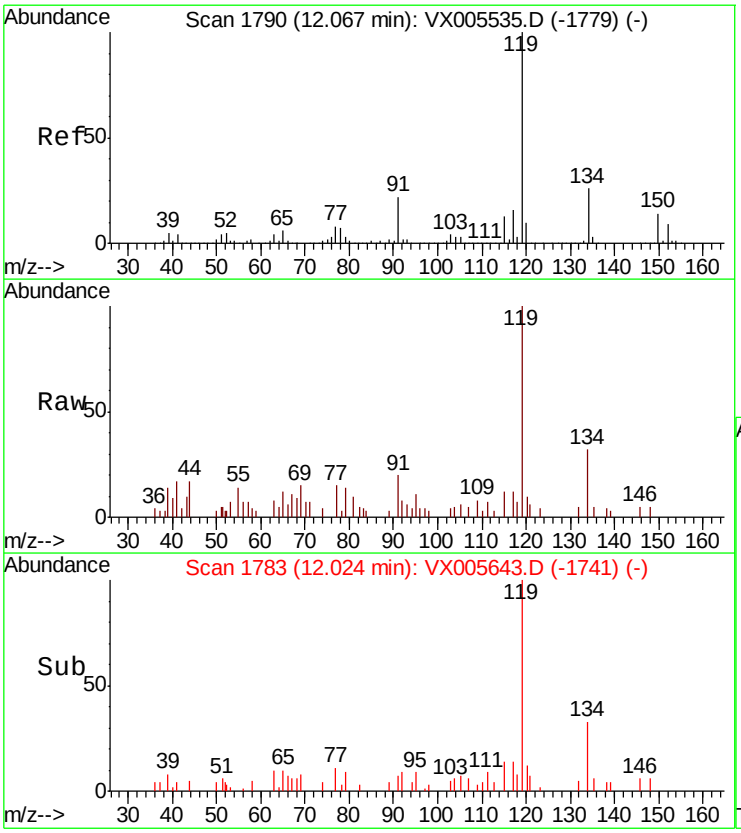
#85
sec-Butylbenzene
Concen: 0.218 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion:105 Resp: 2487

Ion	Ratio	Lower	Upper
105	100		
134	14.7	10.2	30.4

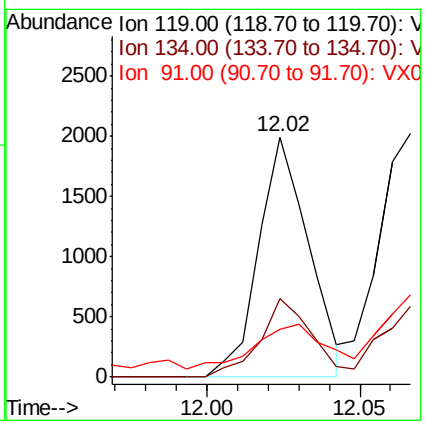


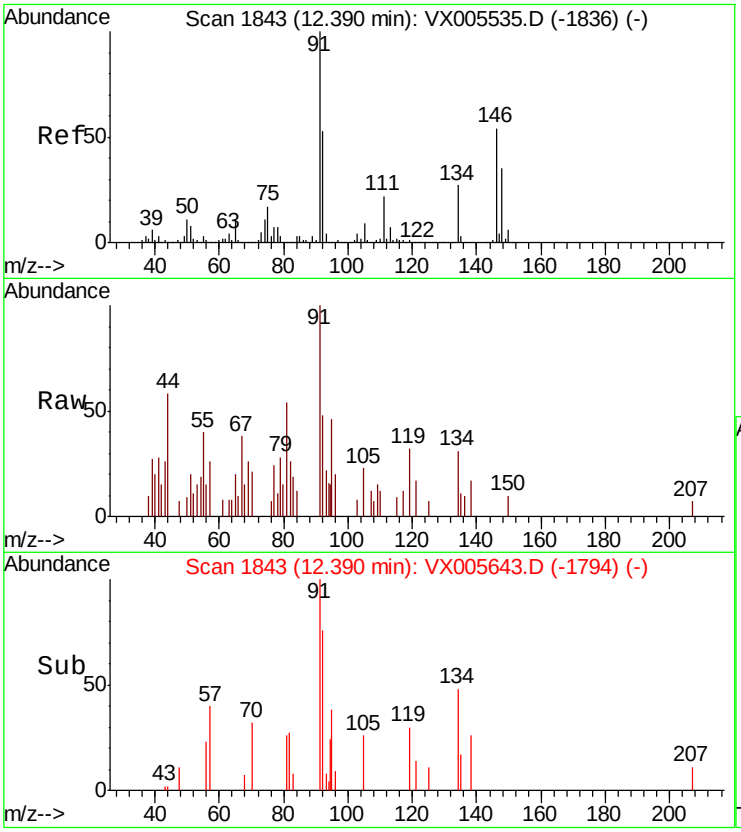


#86
p-Isopropyltoluene
Concen: 0.223 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion:119 Resp: 2271

Ion	Ratio	Lower	Upper
119	100		
134	34.3	13.0	39.0
91	25.5	11.4	34.2



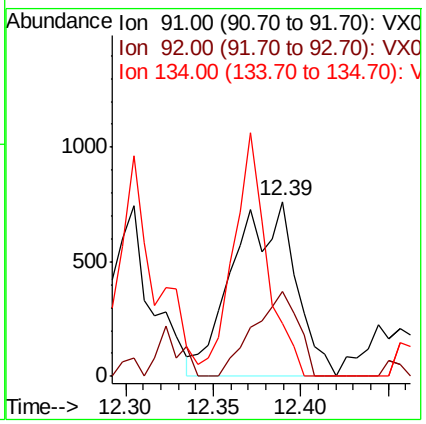


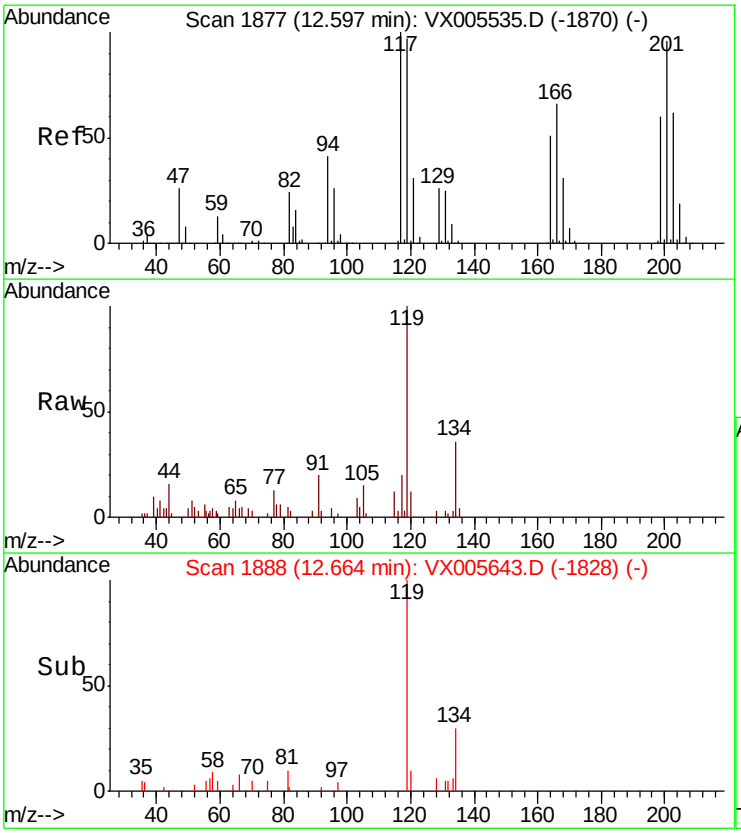
#89
n-Butylbenzene
Concen: 0.203 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion: 91 Resp: 1870

Ion	Ratio	Lower	Upper
91	100		
92	34.8	26.1	78.2
134	75.9	13.1	39.3#

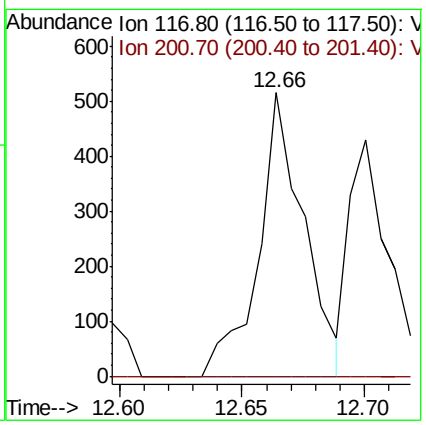


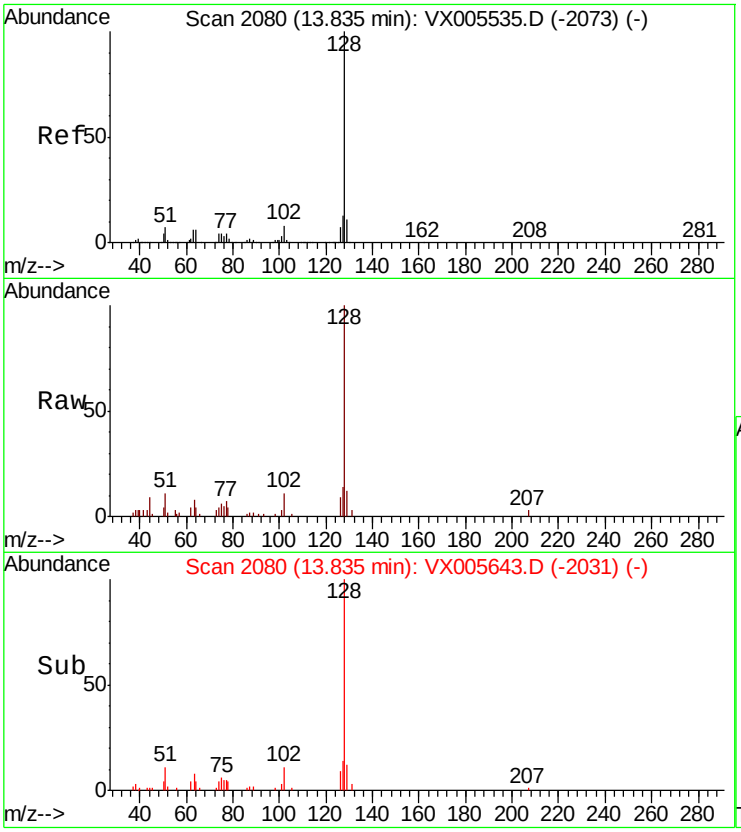


#90
Hexachloroethane
Concen: 0.378 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Tgt Ion:117 Resp: 665

Ion	Ratio	Lower	Upper
117	100		
201	0.0	47.9	143.6#





#95
Naphthalene
Concen: 0.445 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005643.D
Acq: 27 Oct 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
SB-6-WS

Tgt Ion:128 Resp: 5572

Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.4	15.6
129	13.5	8.7	13.1#