Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
Data File : VX006282.D
Acq On : 04 Dec 2018 16:55
Operator : JC/MD
Sample : J6232-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0643

Quant Time: Dec 05 00:31:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	839686	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	1265889	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	1152988	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	557886	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	418110	48.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.56%				
35) Dibromofluoromethane	5.50	113	399103	48.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.38%				
50) Toluene-d8	8.71	98	1479576	49.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.26%				
62) 4-Bromofluorobenzene	11.13	95	550536	49.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	6169	0.750	ug/l		94
3) Chloromethane	1.32	50	18568	2.198	ug/l	#	53
4) Vinyl Chloride	1.41	62	576679	63.419	ug/l		91
11) Tert butyl alcohol	3.02	59	16938	7.225	ug/l	#	78
12) 1,1-Dichloroethene	2.37	96	5365	0.706	ug/l		92
13) Acrolein	2.28	56	355	0.277	ug/l	#	1
14) Allyl chloride	2.71	41	3710	0.247	ug/l	#	68
16) Acetone	2.45	43	192014	47.732	ug/l		96
17) Carbon Disulfide	2.57	76	18395	0.786	ug/l		98
21) trans-1,2-Dichloroethene	3.17	96	48766	6.023	ug/l		97
25) 2-Butanone	4.70	43	35996	6.271	ug/l	#	89
27) cis-1,2-Dichloroethene	4.60	96	761625	84.328	ug/l		90
29) Tetrahydrofuran	5.17	42	3574	0.896	ug/l	#	86
36) 1,1-Dichloropropene	5.67	75	51380	4.820	ug/l	#	48
37) Ethyl Acetate	4.70	43	35996	3.015	ug/l	#	67
38) Carbon Tetrachloride	5.67	117	74242	5.920	ug/l	#	17
44) Trichloroethene	7.21	130	105014	10.857	ug/l		98
49) 1,4-Dioxane	7.75	88	113	0.473	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.65	43	4578	0.395	ug/l		91
52) Toluene	8.79	92	4911	0.234	ug/l		96
59) 2-Hexanone	9.49	43	8974	1.014	ug/l		83
64) Tetrachloroethene	9.34	164	1805	0.208	ug/l	#	82
68) m/p-Xylenes	10.36	106	3696	0.227	ug/l		83
69) o-Xylene	10.70	106	5745	0.357	ug/l		76
73) Isopropylbenzene	11.02	105	10155	0.264	ug/l		92
74) N-amyl acetate	10.93	43	10609	0.639	ug/l	#	42
76) 1,2,3-Trichloropropane	11.13	75	248441	23.072	ug/l	#	38
78) n-propylbenzene	11.36	91	16141	0.377	ug/l		93
81) trans-1,4-Dichloro-2-buten	11.13	75	248441	54.143	ug/l	#	15
85) sec-Butylbenzene	11.94	105	13575	0.349	ug/l		99
90) Hexachloroethane	12.70	117	7548	1.057	ug/l	#	5

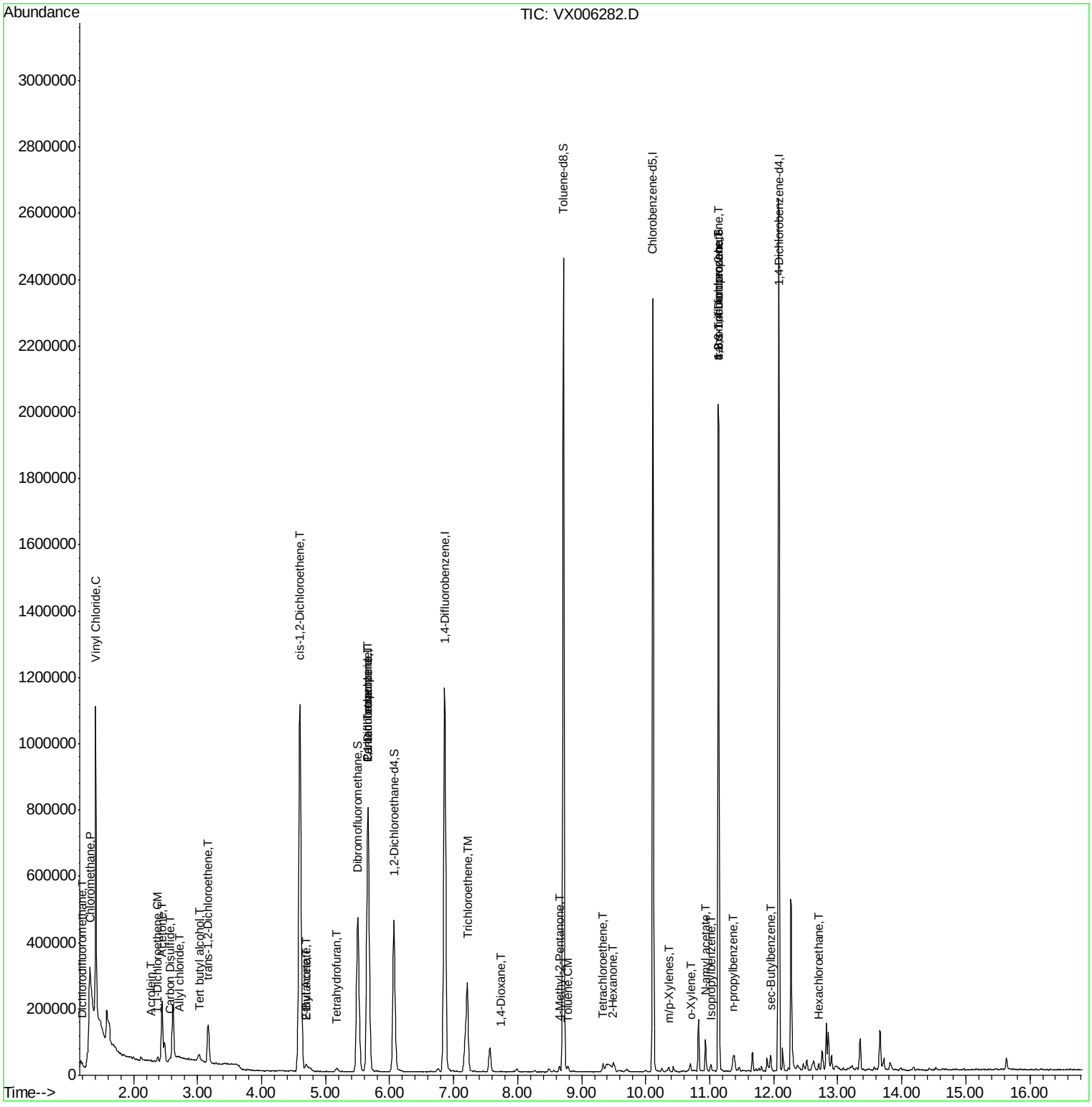
(#) = qualifier out of range (m) = manual integration (+) = signals summed

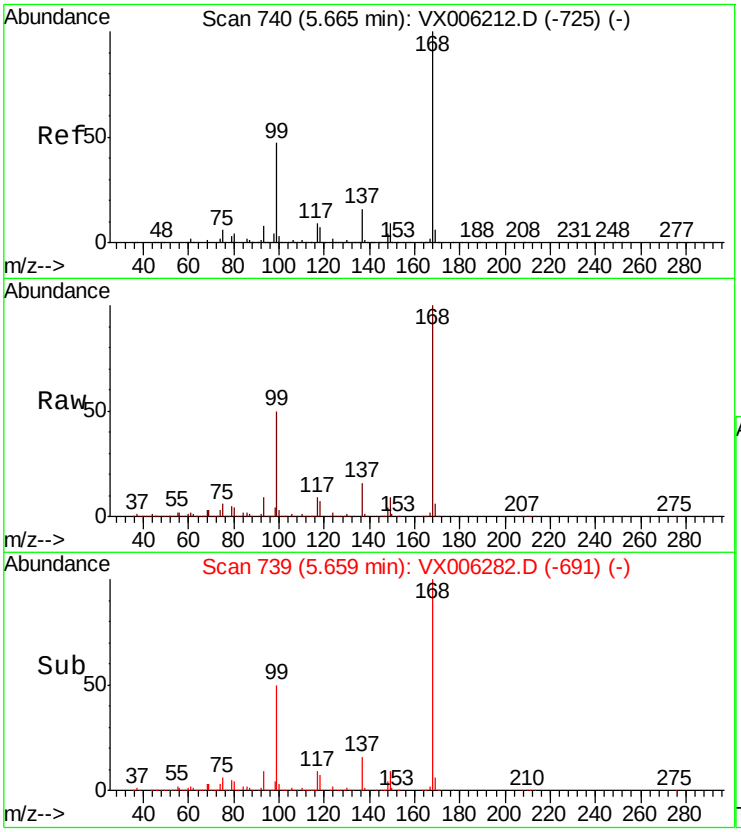
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
Data File : VX006282.D
Acq On : 04 Dec 2018 16:55
Operator : JC/MD
Sample : J6232-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Quant Time: Dec 05 00:31:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration



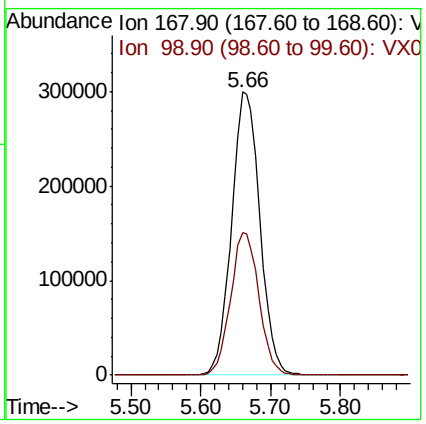


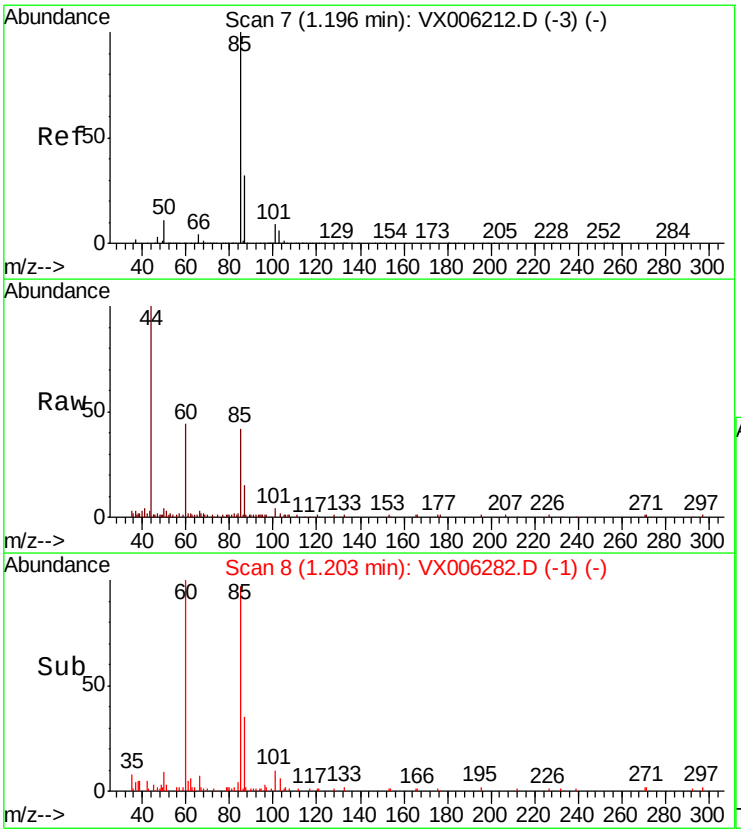
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument : MSVOA_X
ClientSampleId : S32-0643

Tgt Ion:168 Resp: 839686

Ion	Ratio	Lower	Upper
168	100		
99	50.3	37.8	56.8

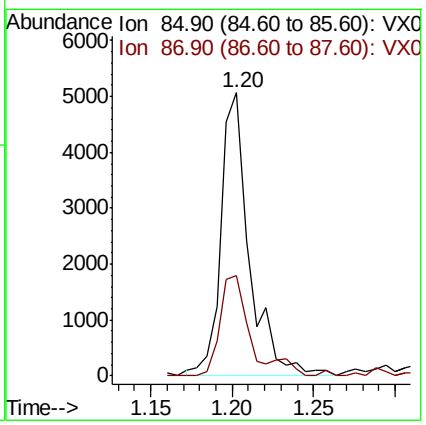


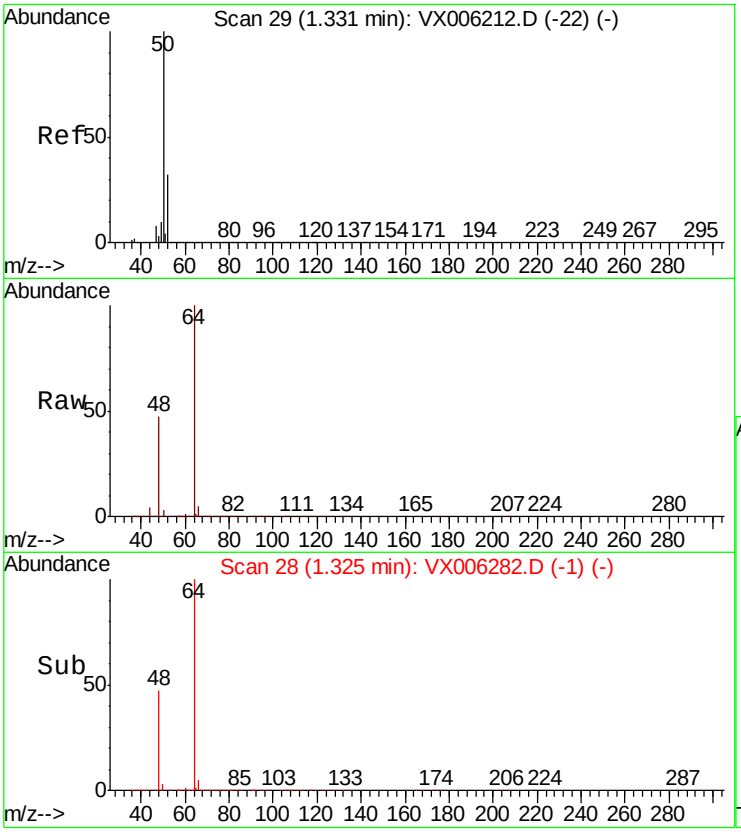


#2
Dichlorodifluoromethane
Concen: 0.750 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 85 Resp: 6169

Ion	Ratio	Lower	Upper
85	100		
87	35.3	16.1	48.2



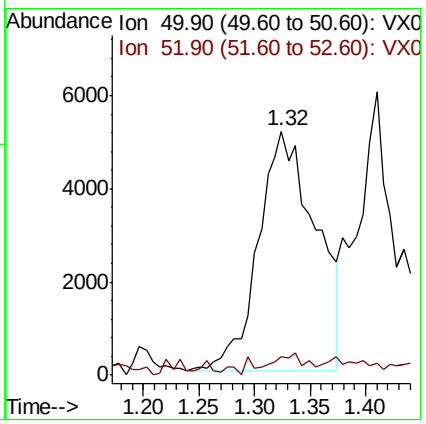


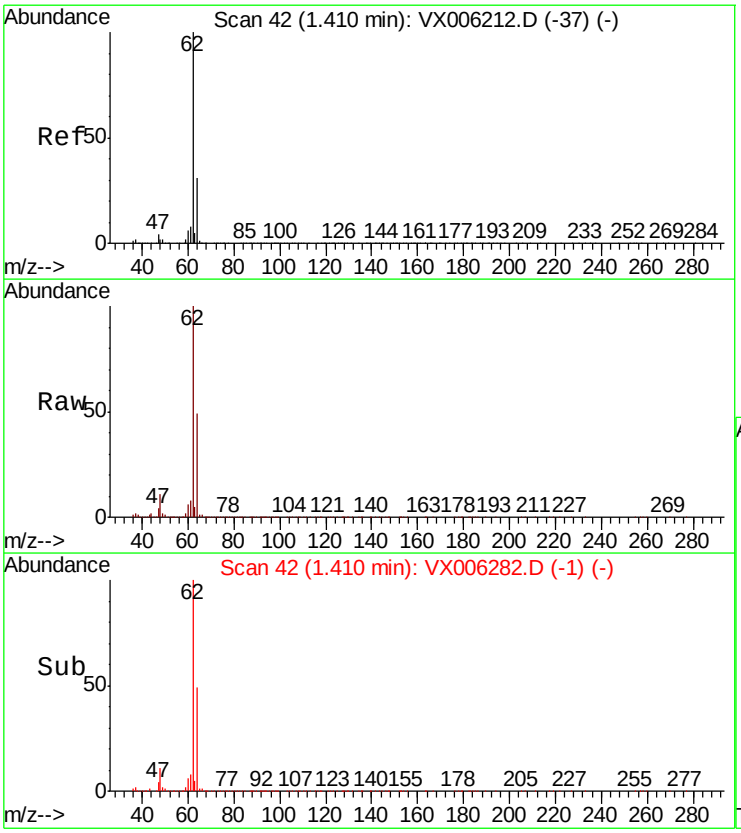
#3
Chloromethane
Concen: 2.198 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Tgt Ion: 50 Resp: 18568

Ion	Ratio	Lower	Upper
50	100		
52	5.6	25.2	37.8#

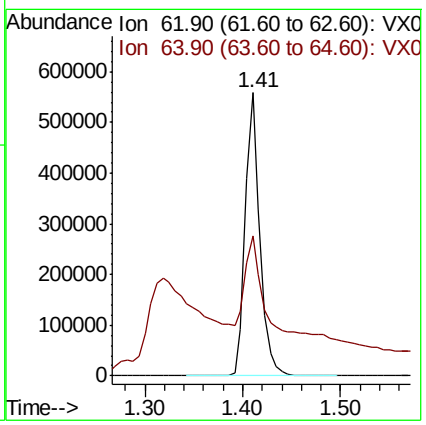


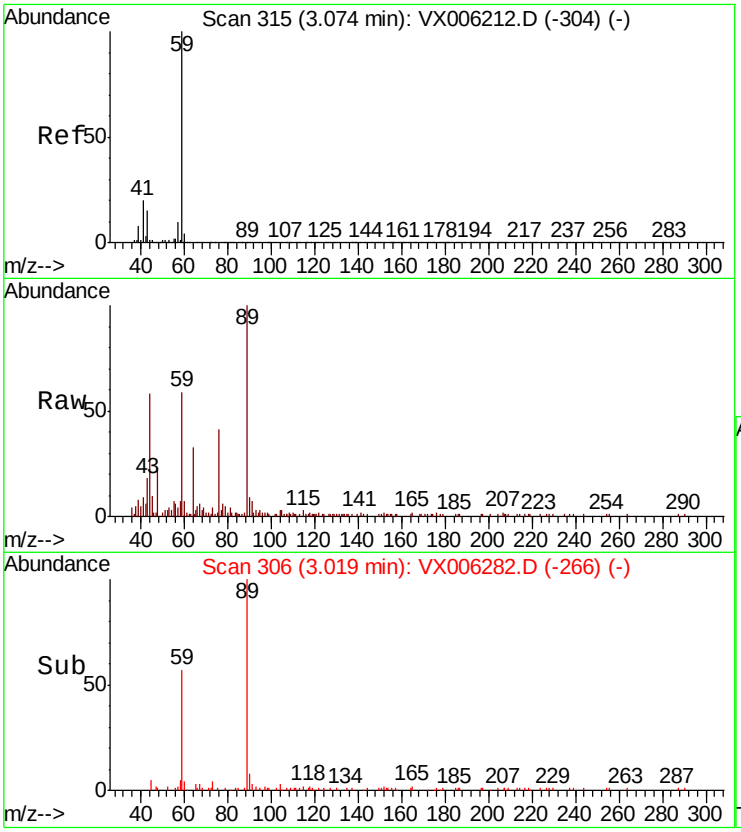


#4
Vinyl Chloride
Concen: 63.419 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 62 Resp: 576679

Ion	Ratio	Lower	Upper
62	100		
64	36.3	24.9	37.3



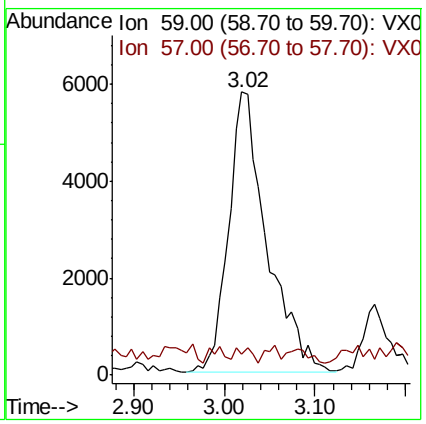


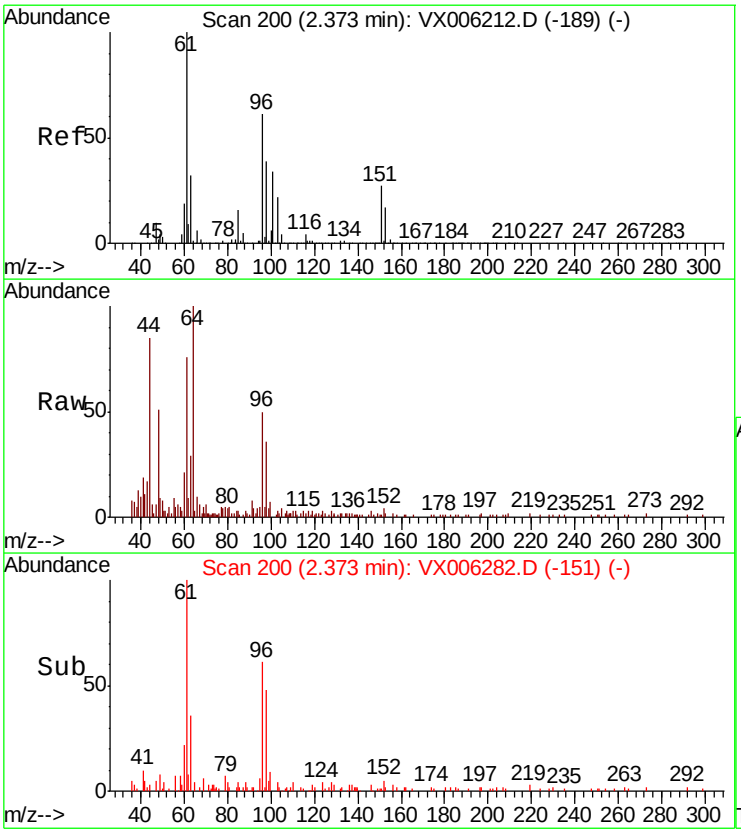
#11
Tert butyl alcohol
Concen: 7.225 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Tgt Ion: 59 Resp: 16938

Ion	Ratio	Lower	Upper
59	100		
57	2.1	8.2	12.2#

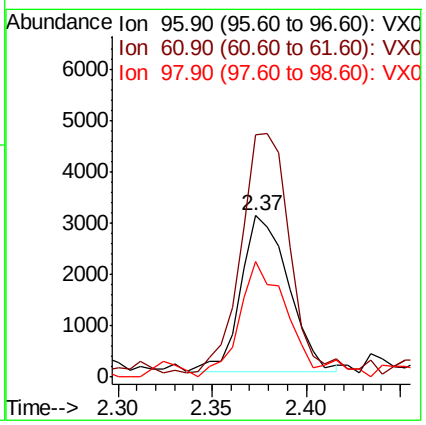


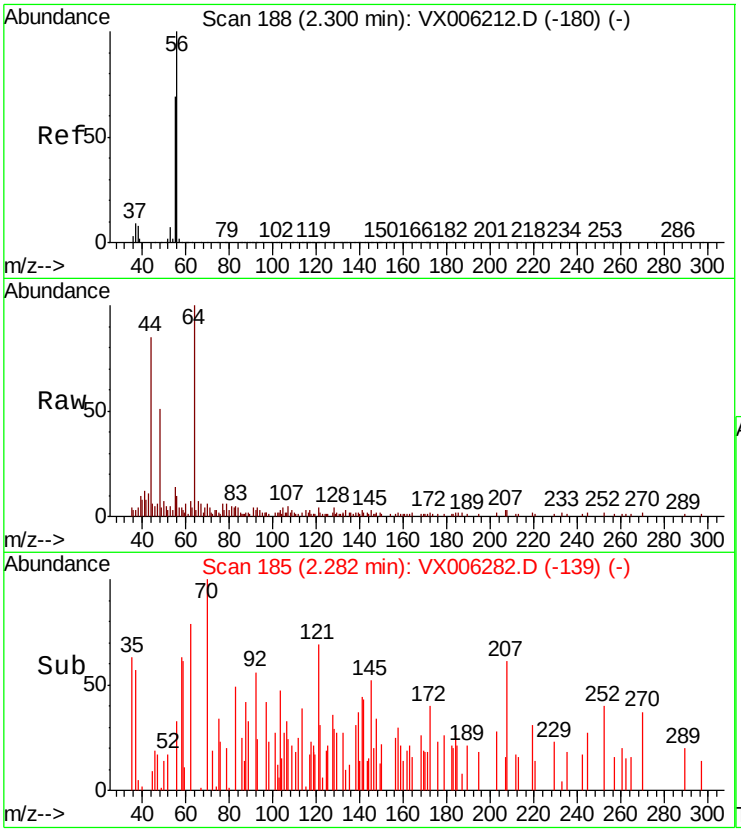


#12
1,1-Dichloroethene
Concen: 0.706 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 96 Resp: 5365

Ion	Ratio	Lower	Upper
96	100		
61	152.7	131.7	197.5
98	69.4	51.8	77.6



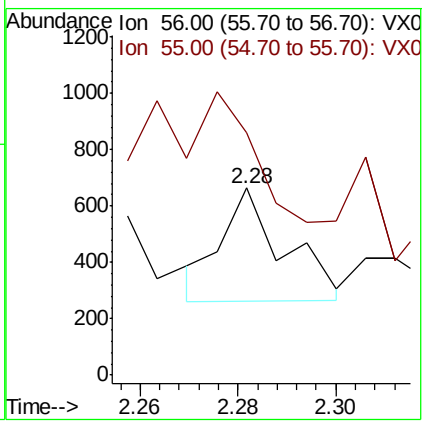


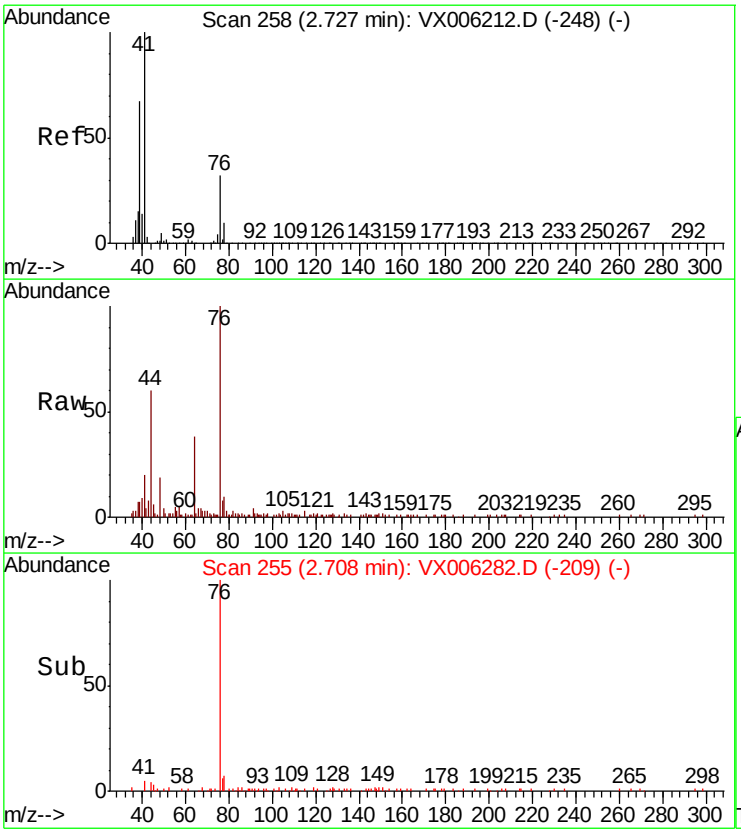
#13
Acrolein
Concen: 0.277 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.02 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument : MSVOA_X
ClientSampleId : S32-0643

Tgt Ion: 56 Resp: 355

Ion	Ratio	Lower	Upper
56	100		
55	250.7	57.8	86.6#

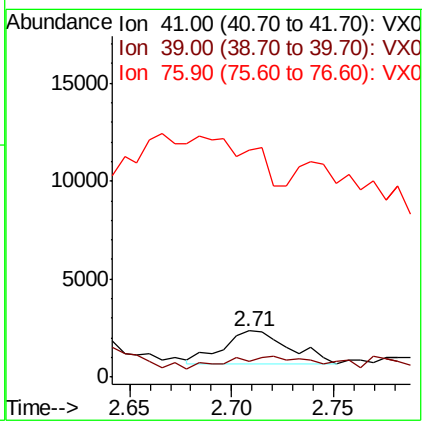


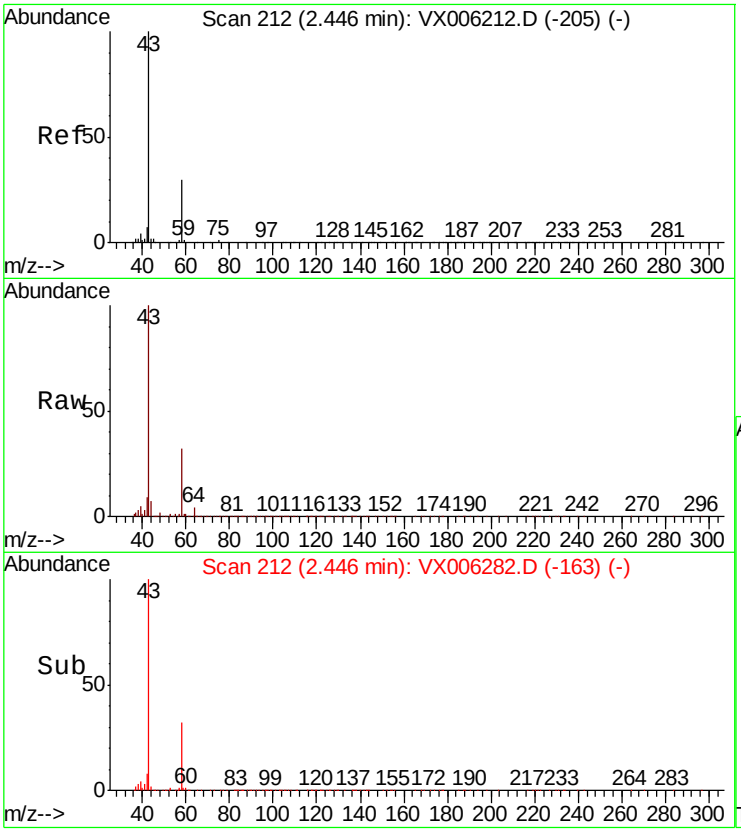


#14
Allyl chloride
Concen: 0.247 ug/l
RT: 2.71 min Scan# 255
Delta R.T. -0.02 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 41 Resp: 3710

Ion	Ratio	Lower	Upper
41	100		
39	49.5	52.4	78.6#
76	0.0	25.4	38.0#



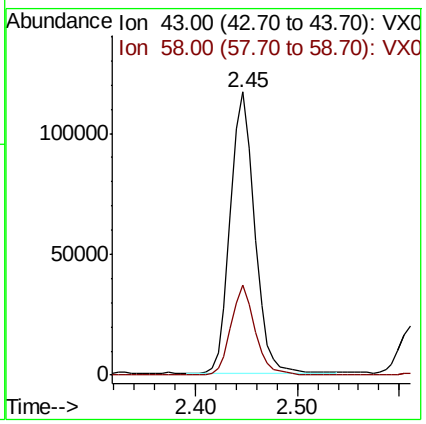


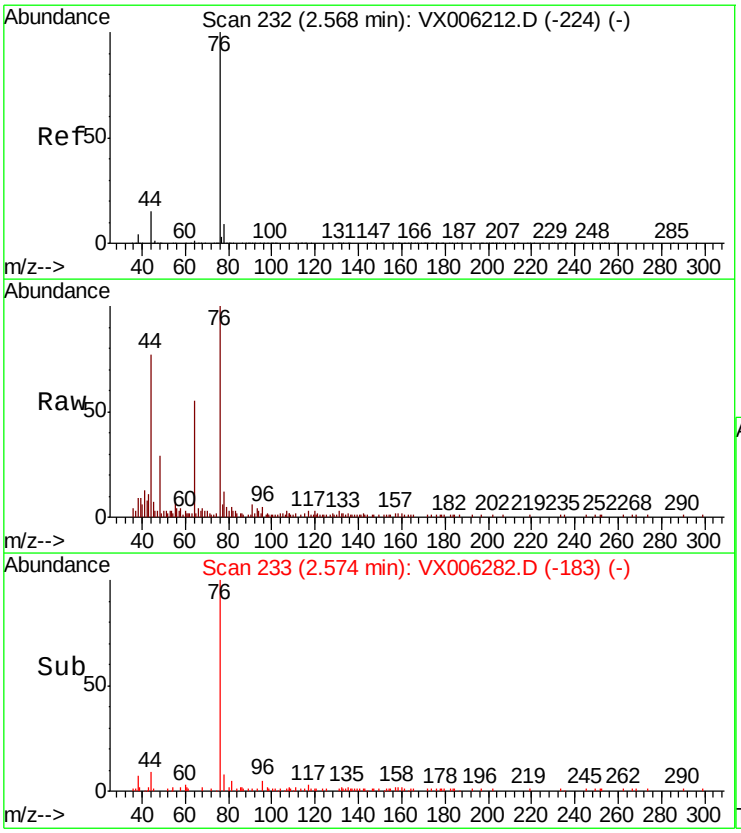
#16
Acetone
Concen: 47.732 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Tgt Ion: 43 Resp: 192014

Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.0	36.0

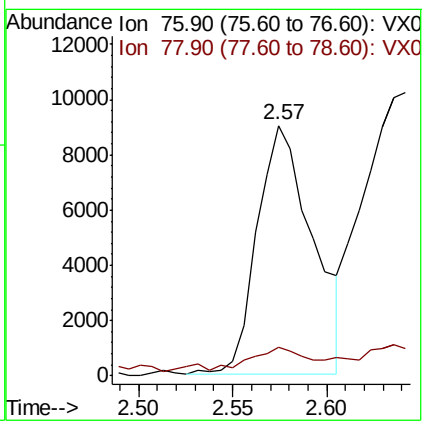


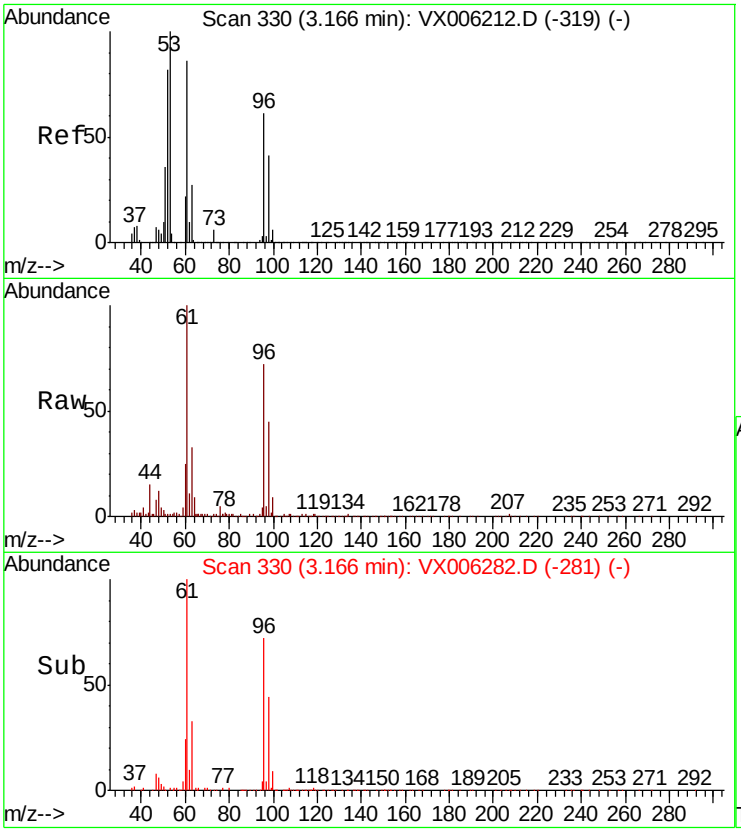


#17
Carbon Disulfide
Concen: 0.786 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 76 Resp: 18395

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.1	10.7



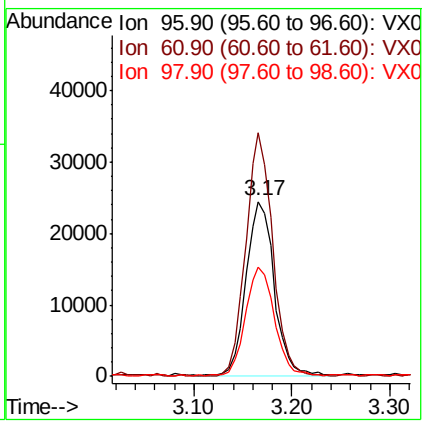


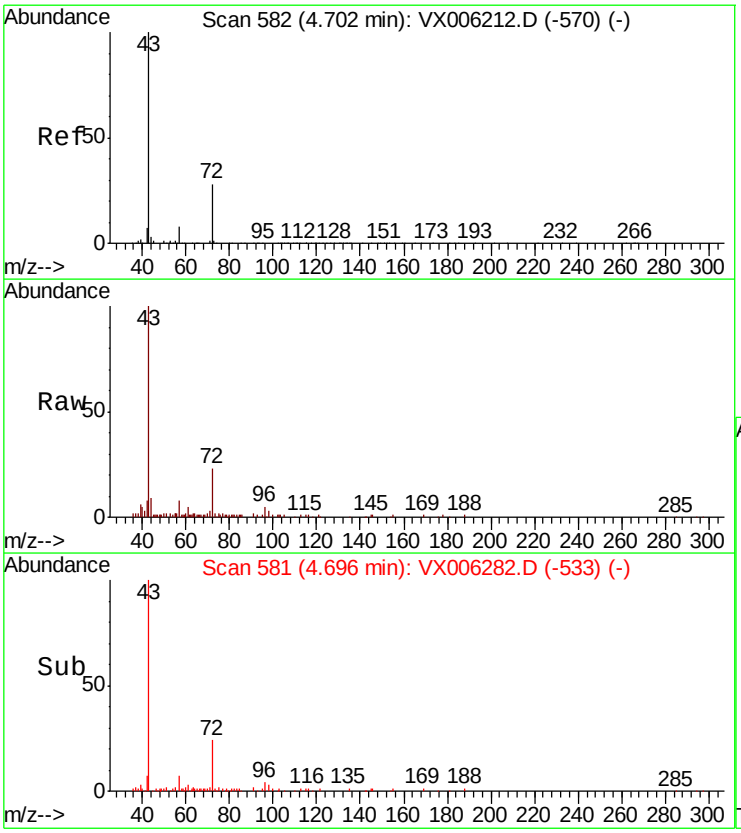
#21
trans-1,2-Dichloroethene
Concen: 6.023 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument : MSVOA_X
ClientSampleId : S32-0643

Tgt Ion: 96 Resp: 48766

Ion	Ratio	Lower	Upper
96	100		
61	139.2	113.3	169.9
98	62.0	53.2	79.8

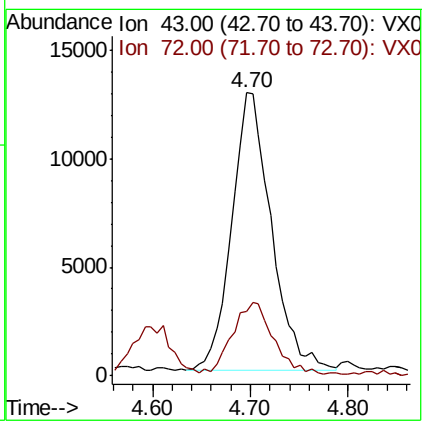


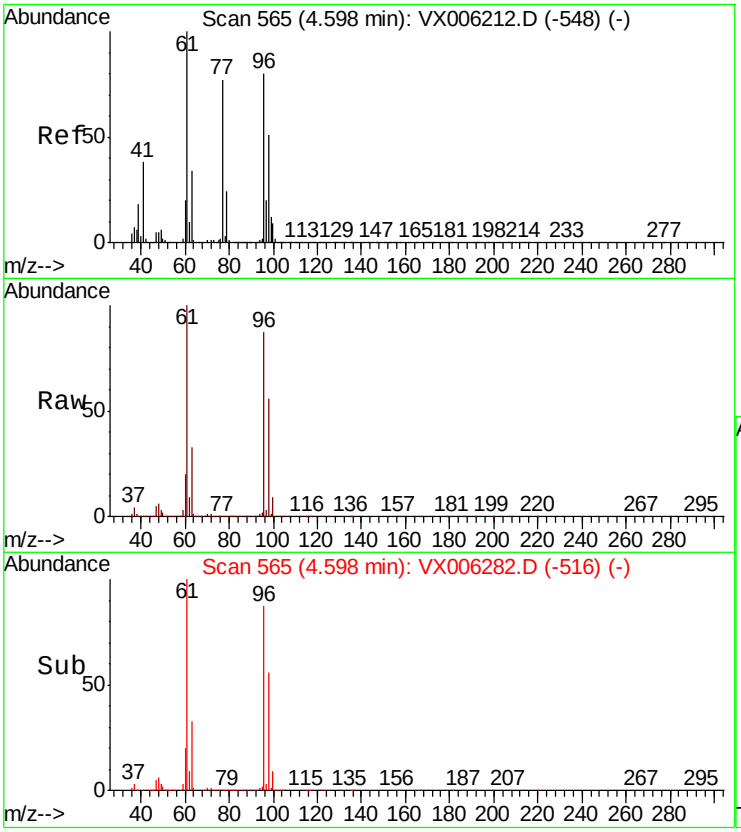


#25
2-Butanone
Concen: 6.271 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 43 Resp: 35996

Ion	Ratio	Lower	Upper
43	100		
72	22.2	22.6	33.8#



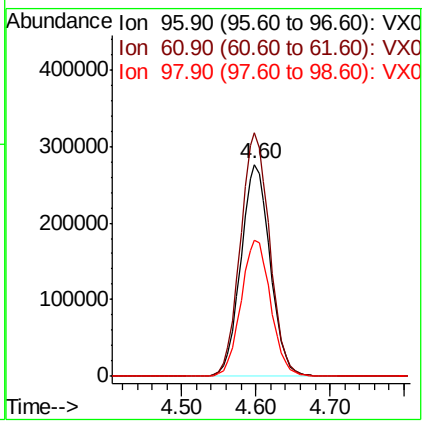


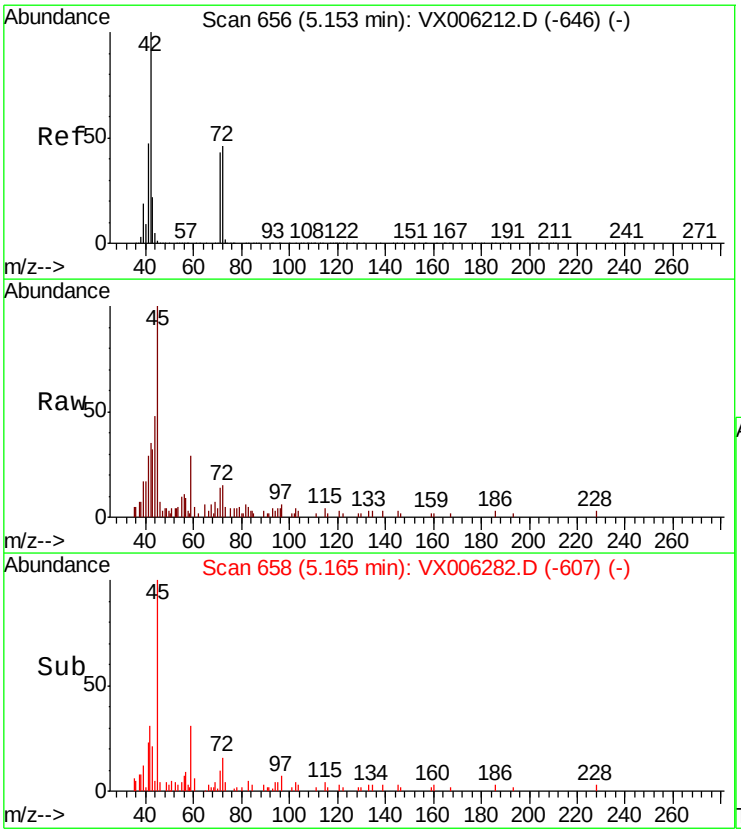
#27
cis-1,2-Dichloroethene
Concen: 84.328 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument : MSVOA_X
ClientSampleId : S32-0643

Tgt Ion: 96 Resp: 761625

Ion	Ratio	Lower	Upper
96	100		
61	115.0	0.0	265.0
98	65.0	0.0	130.2

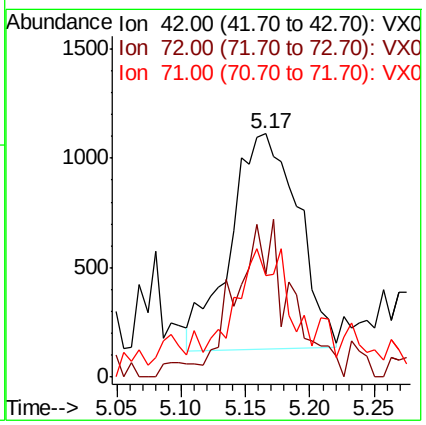


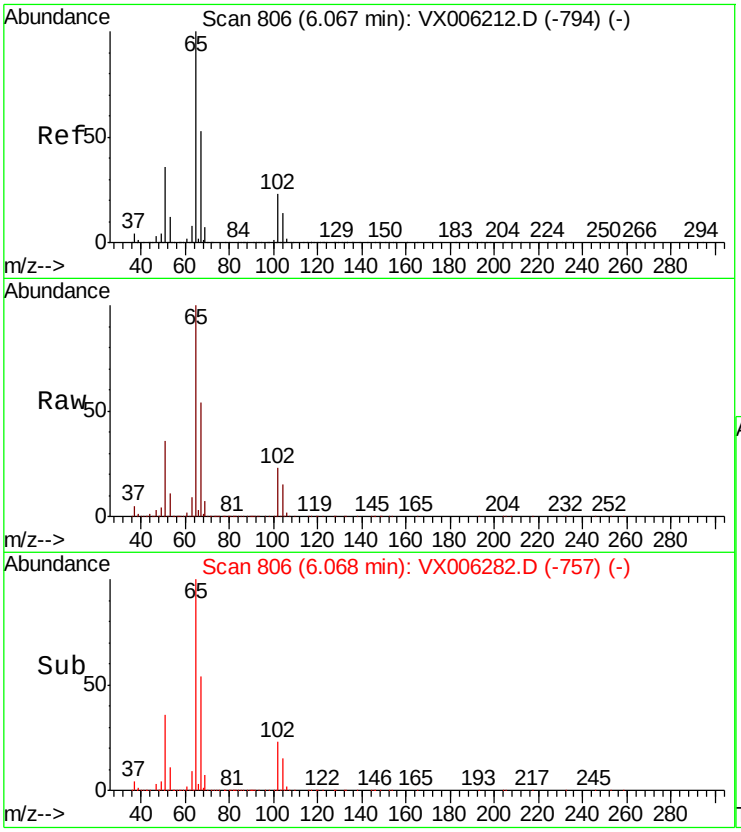


#29
Tetrahydrofuran
Concen: 0.896 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 42 Resp: 3574

Ion	Ratio	Lower	Upper
42	100		
72	57.4	37.8	56.8#
71	52.7	35.2	52.8



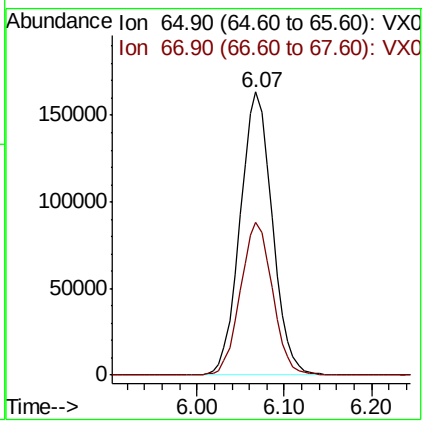


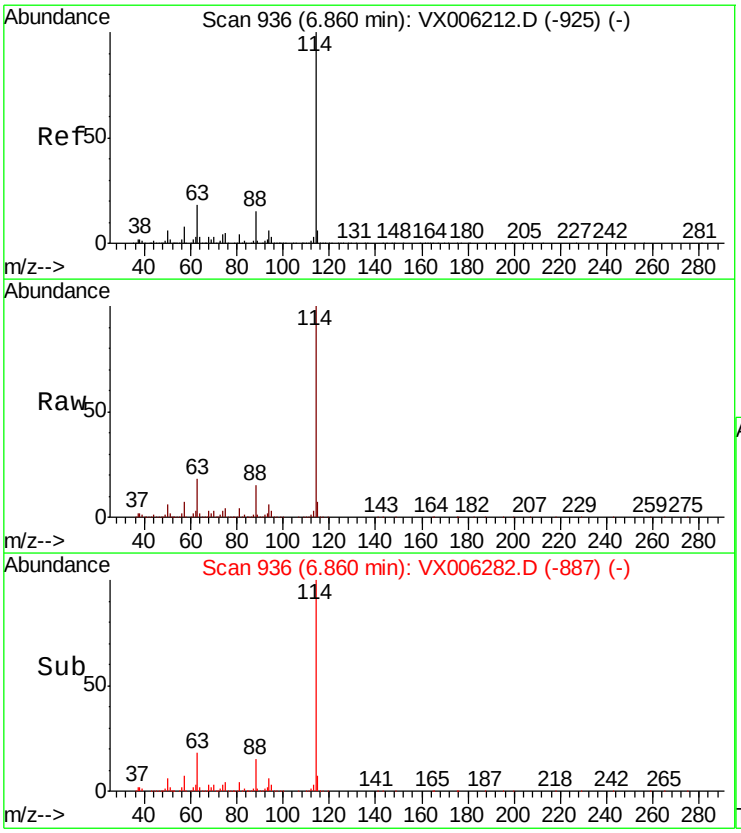
#33
1,2-Dichloroethane-d4
Concen: 48.777 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument : MSVOA_X
ClientSampleId : S32-0643

Tgt Ion: 65 Resp: 418110

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.2

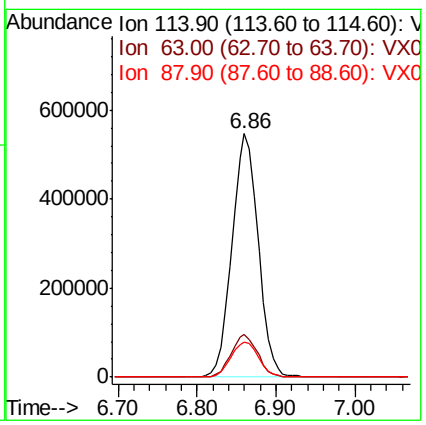


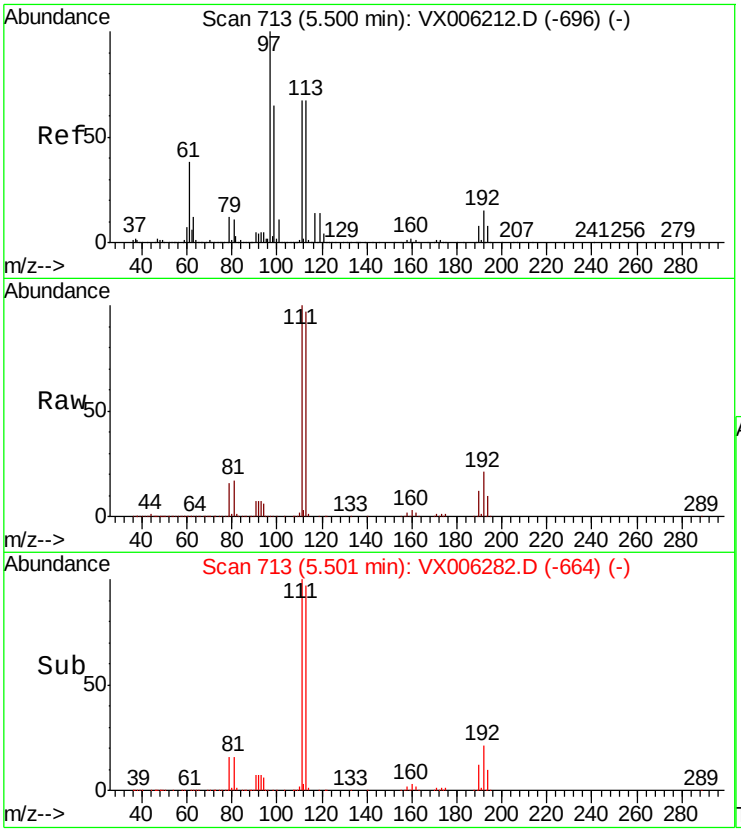


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion:114 Resp: 1265889

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.6
88	14.5	0.0	29.0



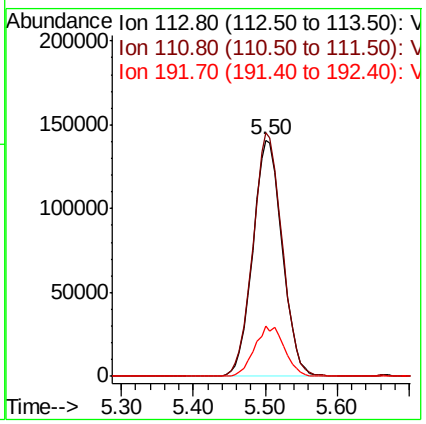


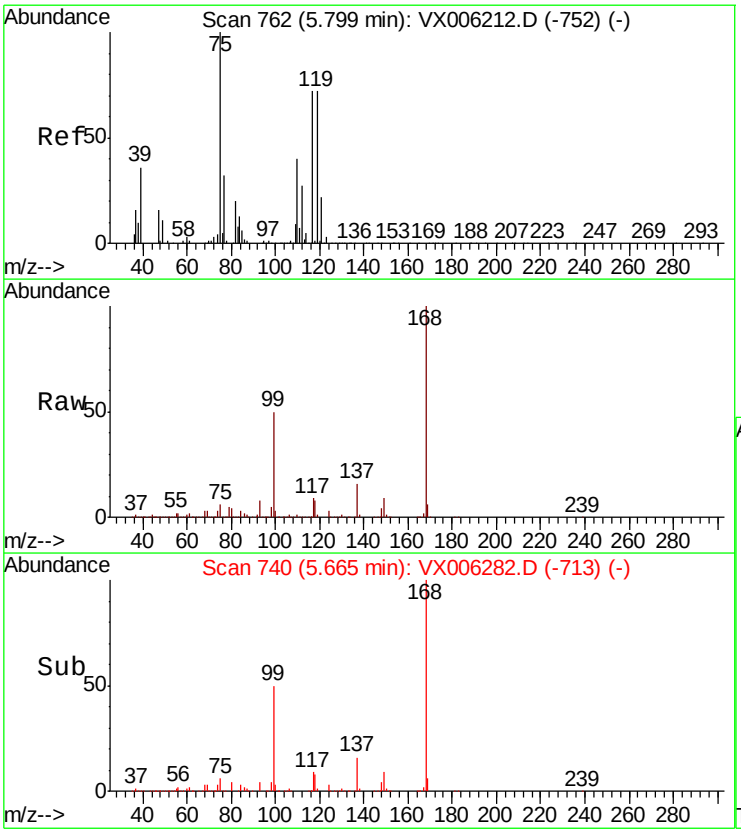
#35
Dibromofluoromethane
Concen: 48.694 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument : MSVOA_X
ClientSampleId : S32-0643

Tgt Ion:113 Resp: 399103

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	21.6	18.2	27.2

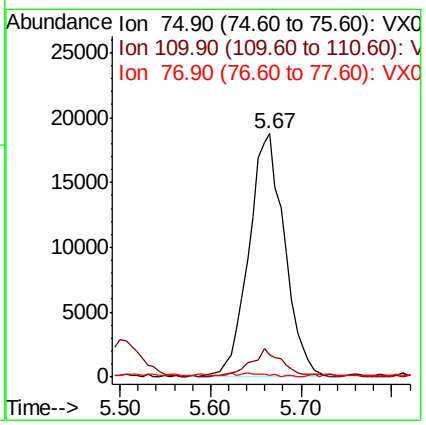


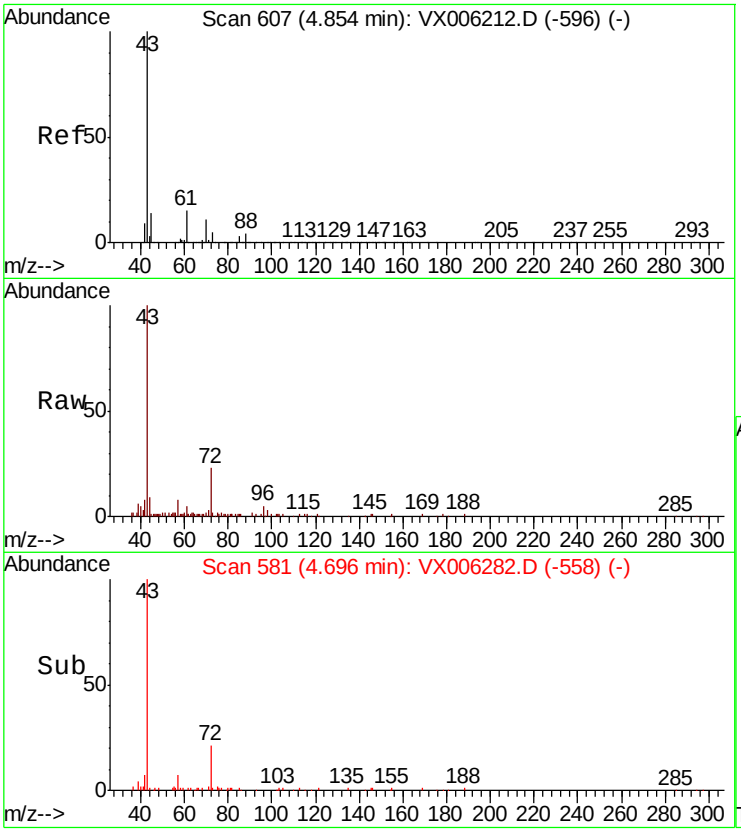


#36
1,1-Dichloropropene
Concen: 4.820 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 75 Resp: 51380

Ion	Ratio	Lower	Upper
75	100		
110	10.3	20.4	61.3#
77	0.0	24.9	37.3#



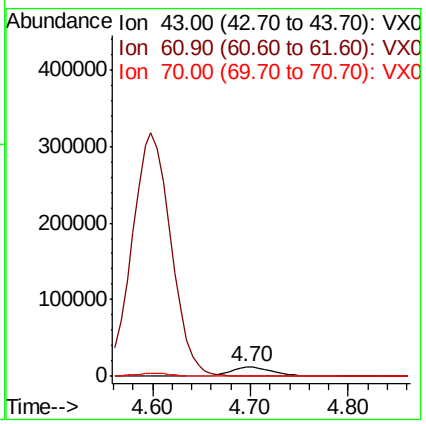


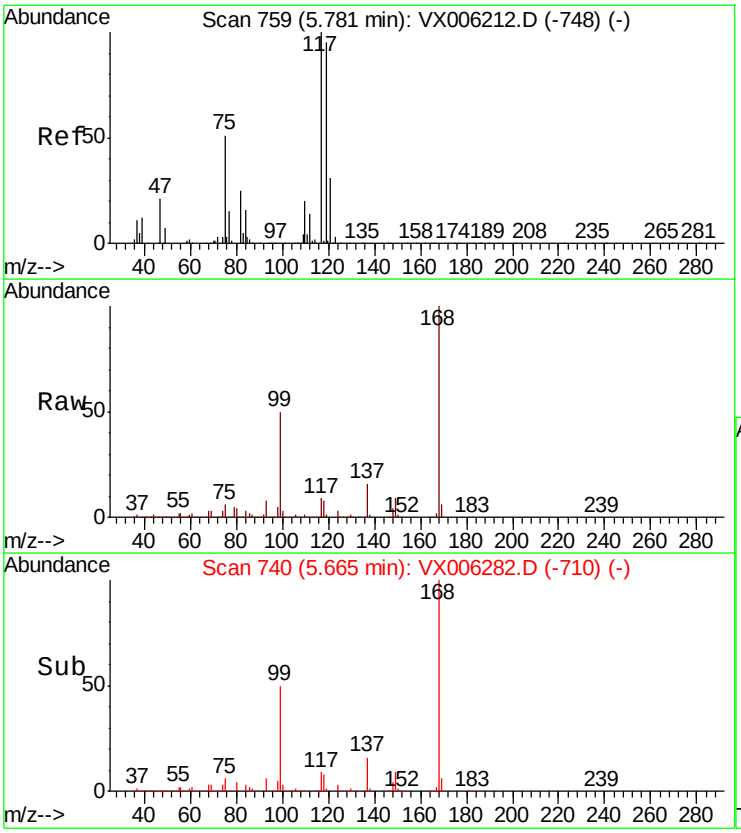
#37
Ethyl Acetate
Concen: 3.015 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.16 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument : MSVOA_X
ClientSampleId : S32-0643

Tgt Ion: 43 Resp: 35996

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	9.0	13.6#

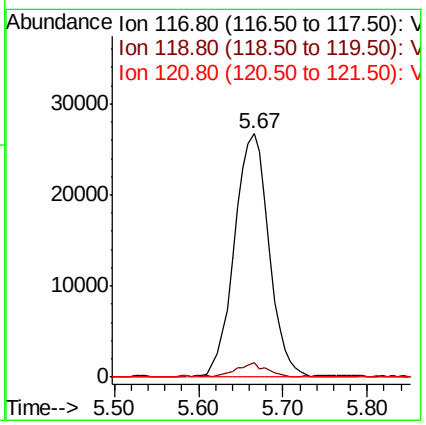


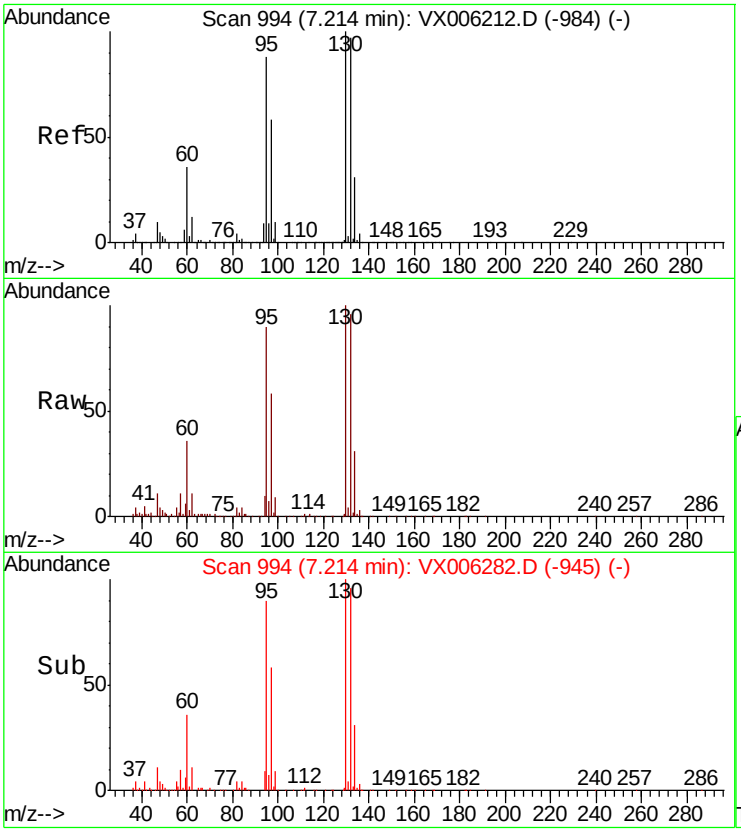


#38
Carbon Tetrachloride
Concen: 5.920 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion:117 Resp: 74242

Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.8	113.8#
121	0.0	24.6	37.0#



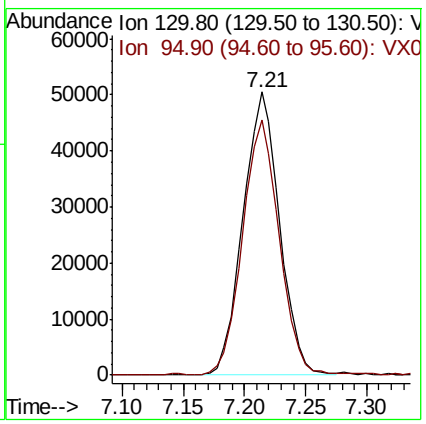


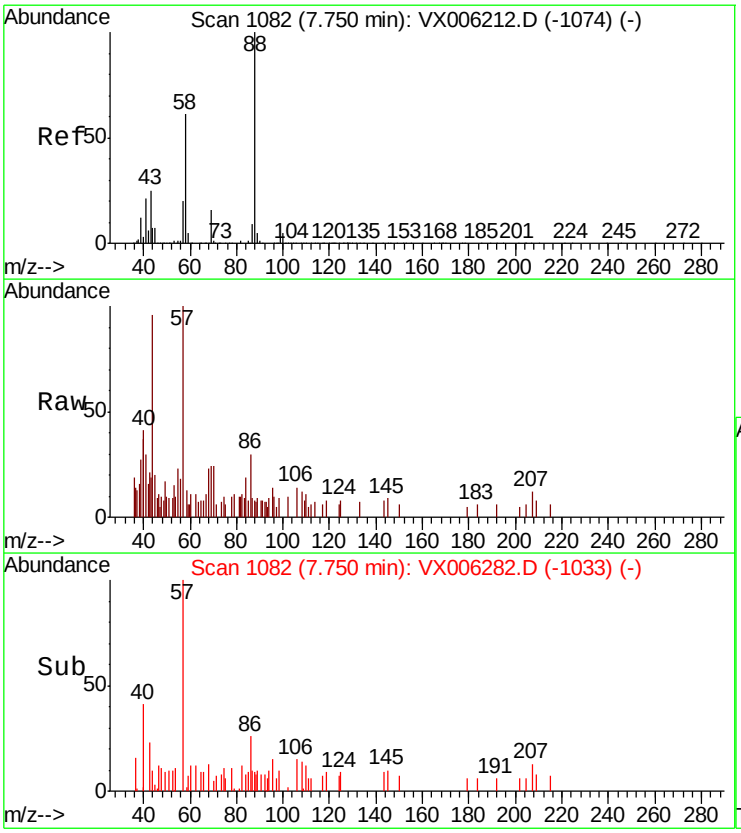
#44
Trichloroethene
Concen: 10.857 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Tgt Ion:130 Resp: 105014

Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	175.8

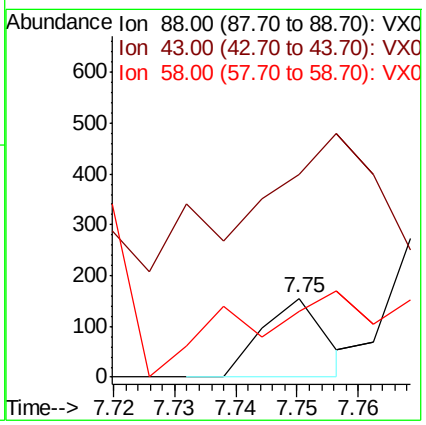


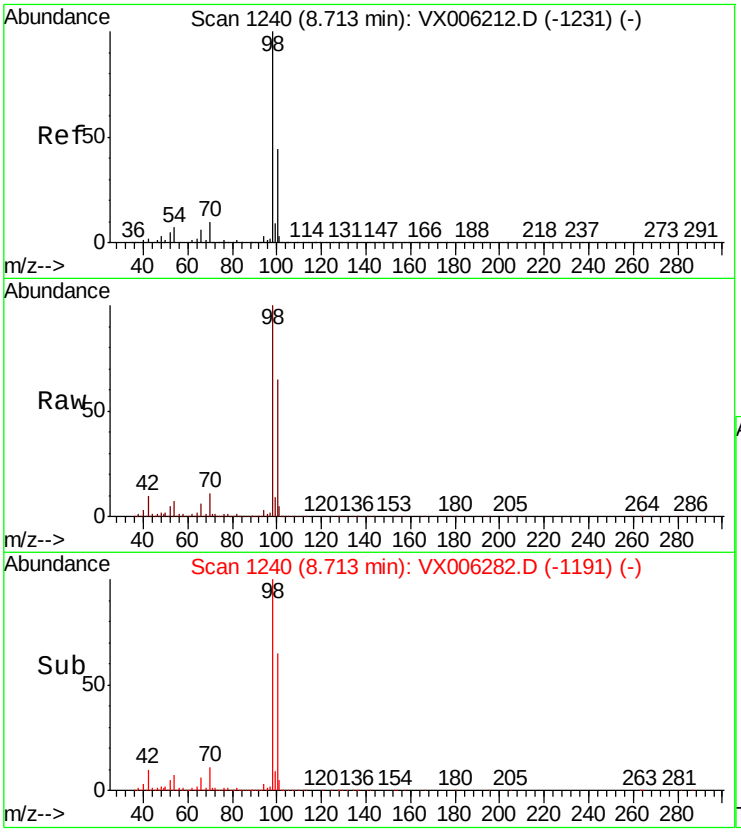


#49
1,4-Dioxane
Concen: 0.473 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 88 Resp: 113

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	304.4	51.4	77.0#



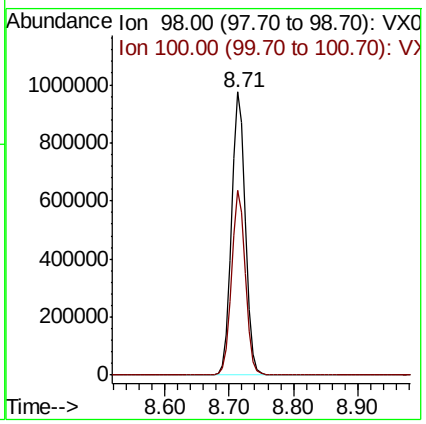


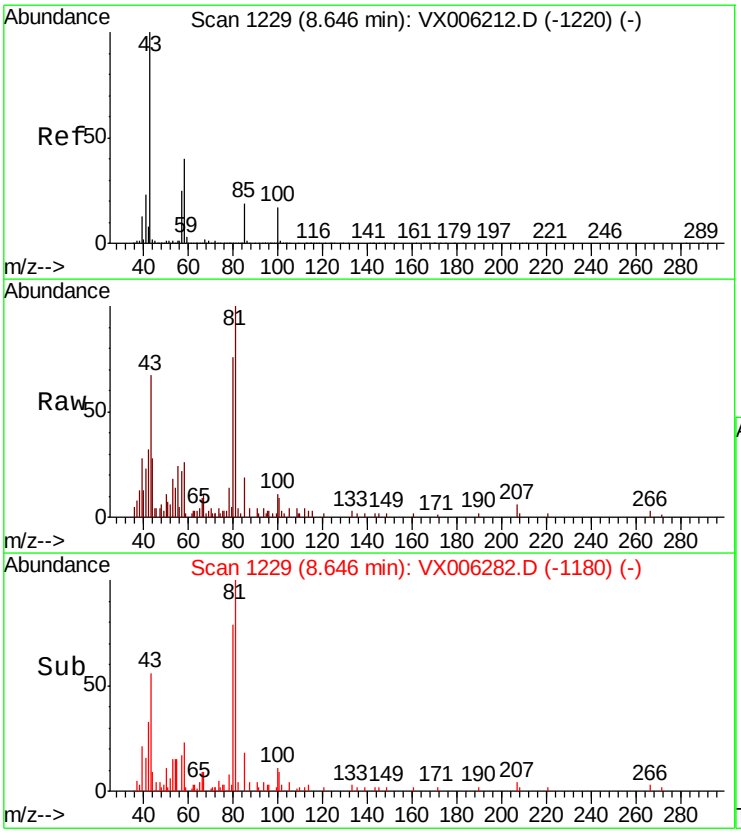
#50
Toluene-d8
Concen: 49.629 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument : MSVOA_X
ClientSampleId : S32-0643

Tgt Ion: 98 Resp: 1479576

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

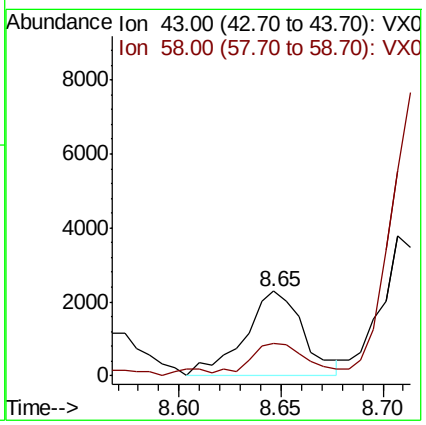


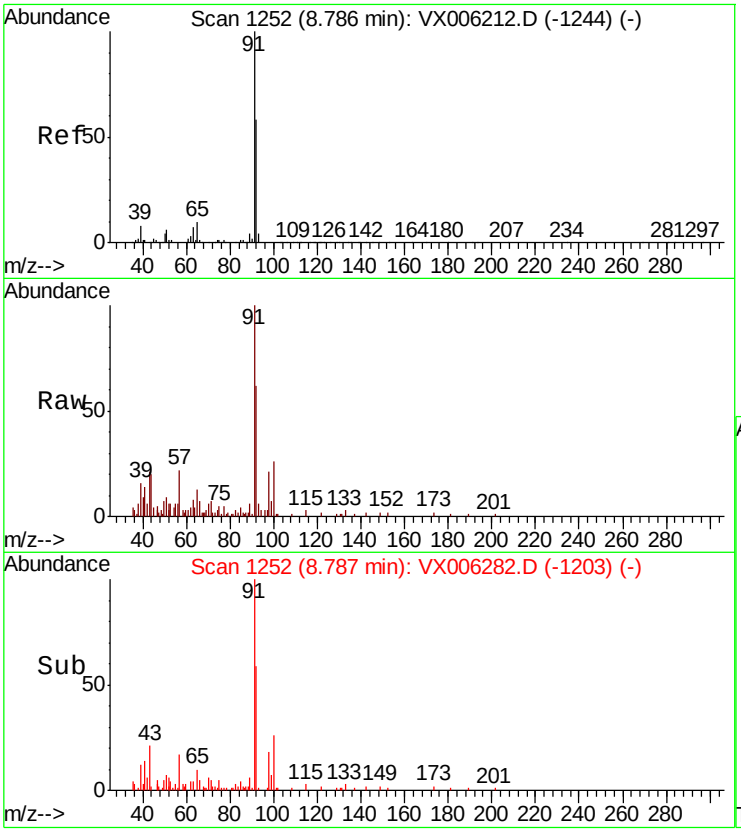


#51
4-Methyl-2-Pentanone
Concen: 0.395 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 43 Resp: 4578

Ion	Ratio	Lower	Upper
43	100		
58	33.8	31.3	46.9



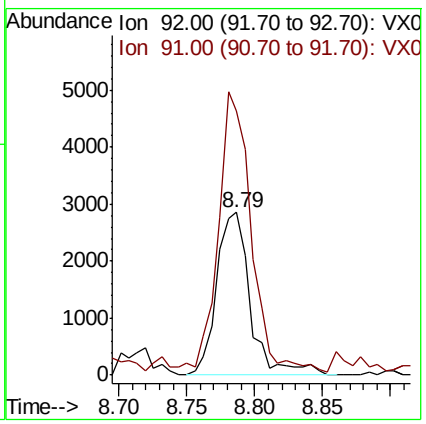


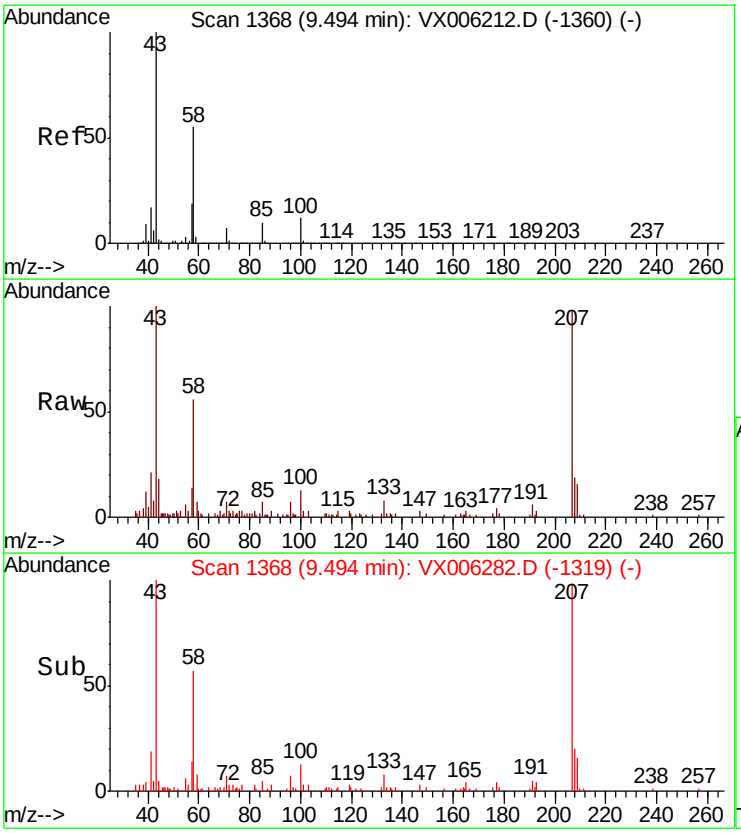
#52
Toluene
Concen: 0.234 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Tgt Ion: 92 Resp: 4911

Ion	Ratio	Lower	Upper
92	100		
91	168.2	139.2	208.8

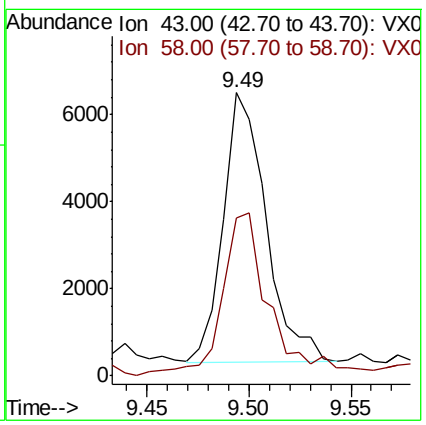


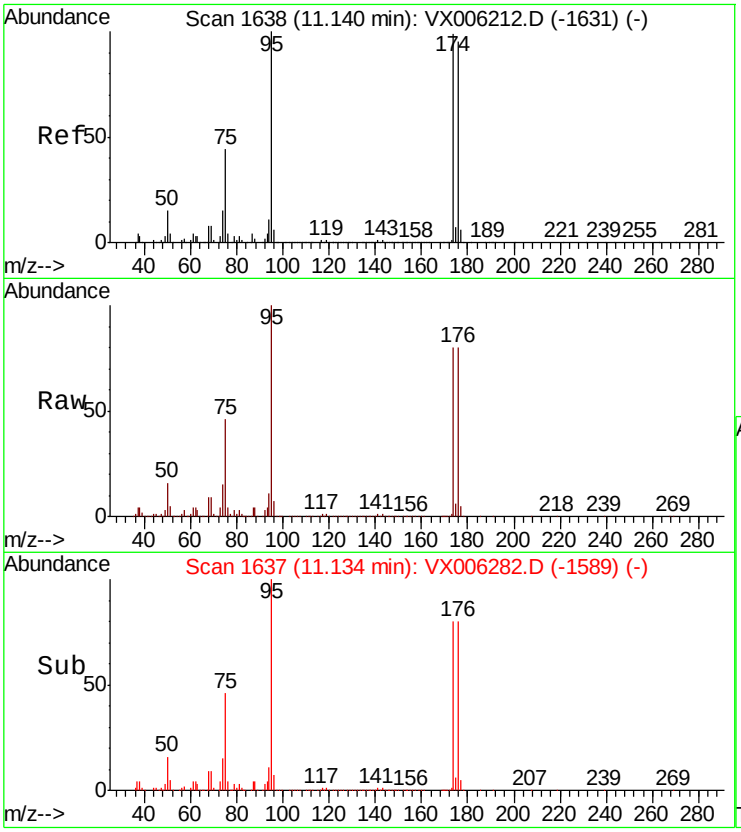


#59
2-Hexanone
Concen: 1.014 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 43 Resp: 8974

Ion	Ratio	Lower	Upper
43	100		
58	67.8	27.7	83.1



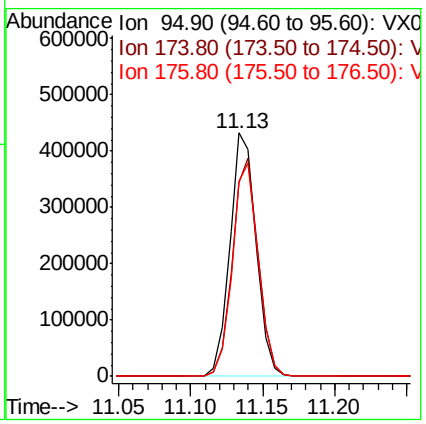


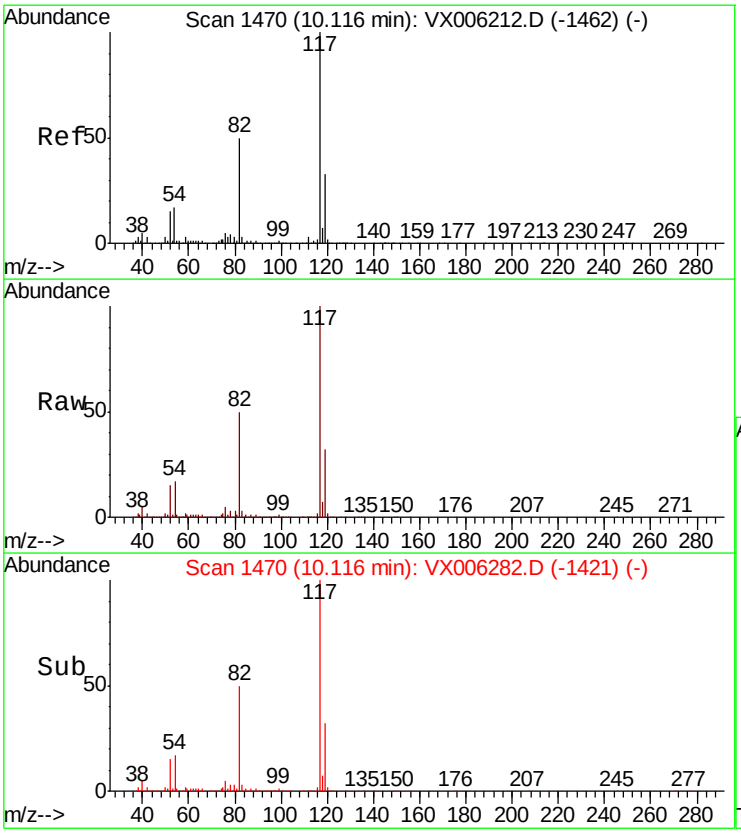
#62
4-Bromofluorobenzene
Concen: 49.005 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Tgt Ion: 95 Resp: 550536

Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	187.0
176	86.3	0.0	181.8

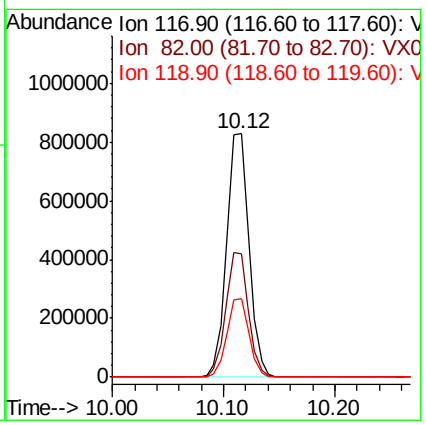


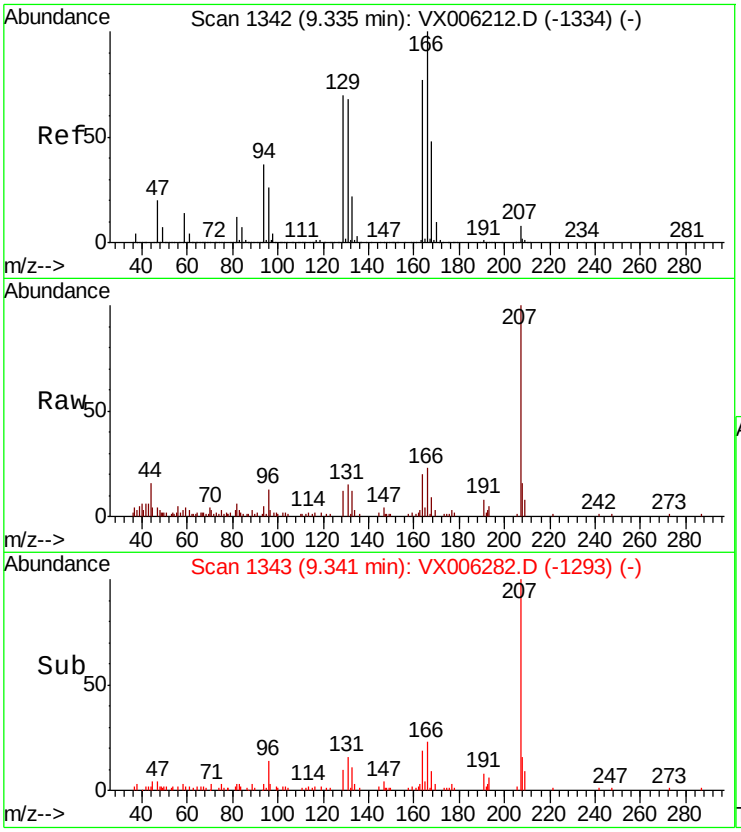


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion:117 Resp: 1152988

Ion	Ratio	Lower	Upper
117	100		
82	50.4	39.6	59.4
119	32.5	26.3	39.5



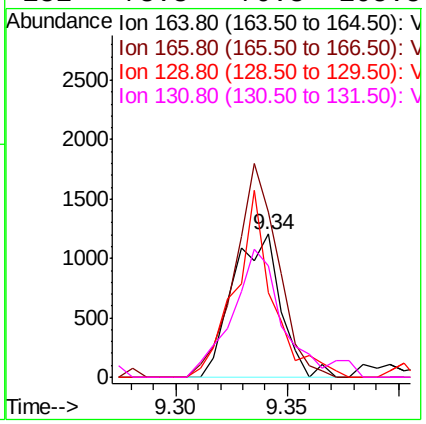


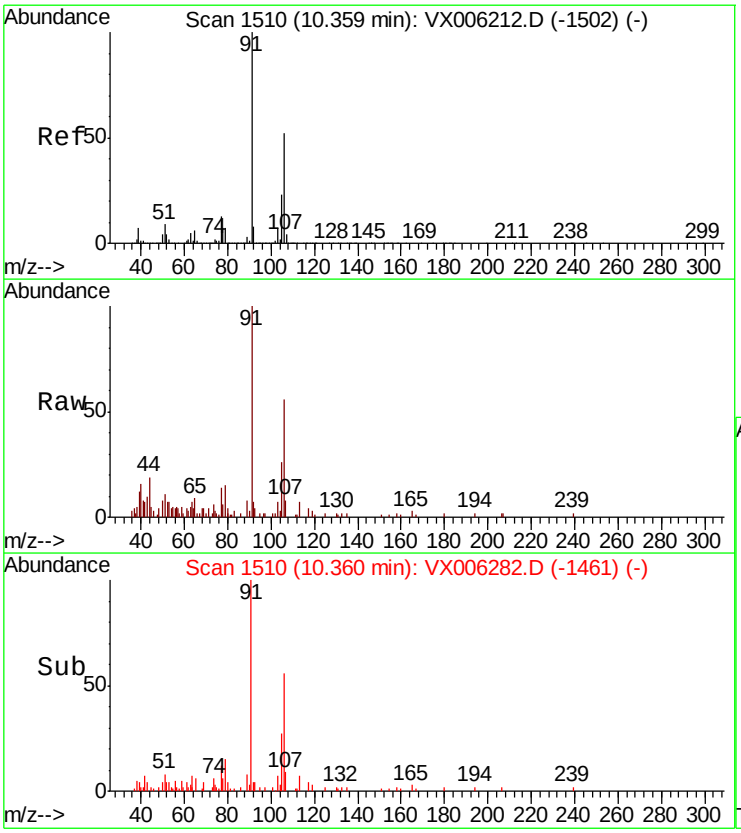
#64
Tetrachloroethene
Concen: 0.208 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument : MSVOA_X
ClientSampleId : S32-0643

Tgt Ion:164 Resp: 1805

Ion	Ratio	Lower	Upper
164	100		
166	116.0	104.2	156.2
129	59.6	72.6	108.8#
131	78.3	70.3	105.5

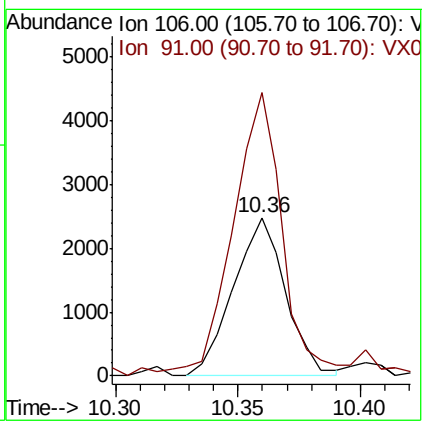


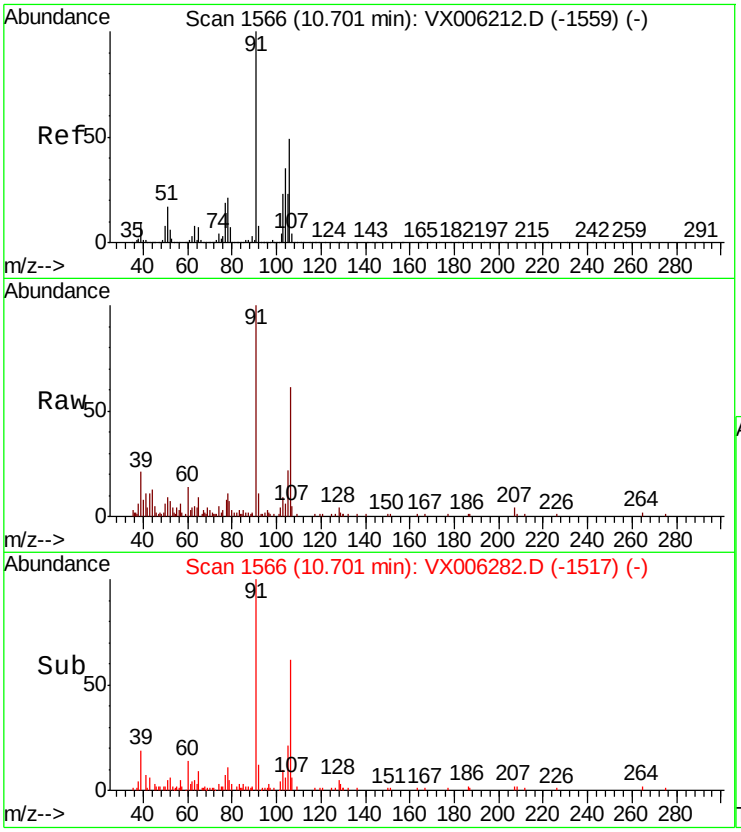


#68
m/p-Xylenes
Concen: 0.227 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion:106 Resp: 3696

Ion	Ratio	Lower	Upper
106	100		
91	168.7	155.2	232.8



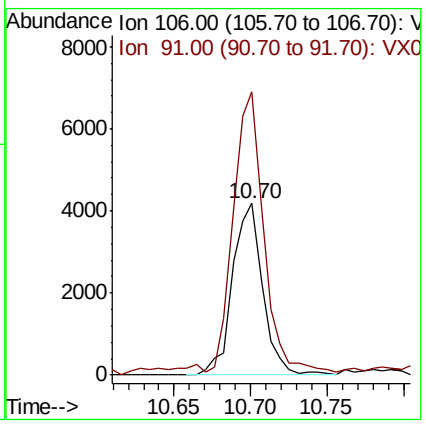


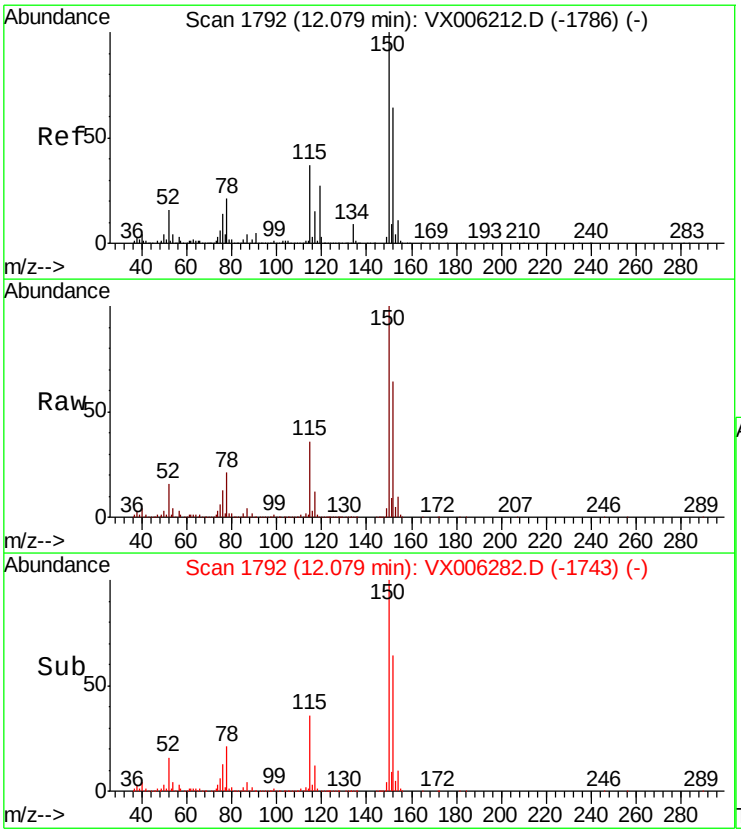
#69
o-Xylene
Concen: 0.357 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Tgt Ion:106 Resp: 5745

Ion	Ratio	Lower	Upper
106	100		
91	167.2	101.8	305.6

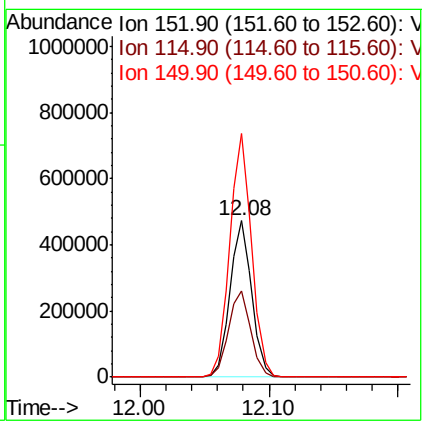


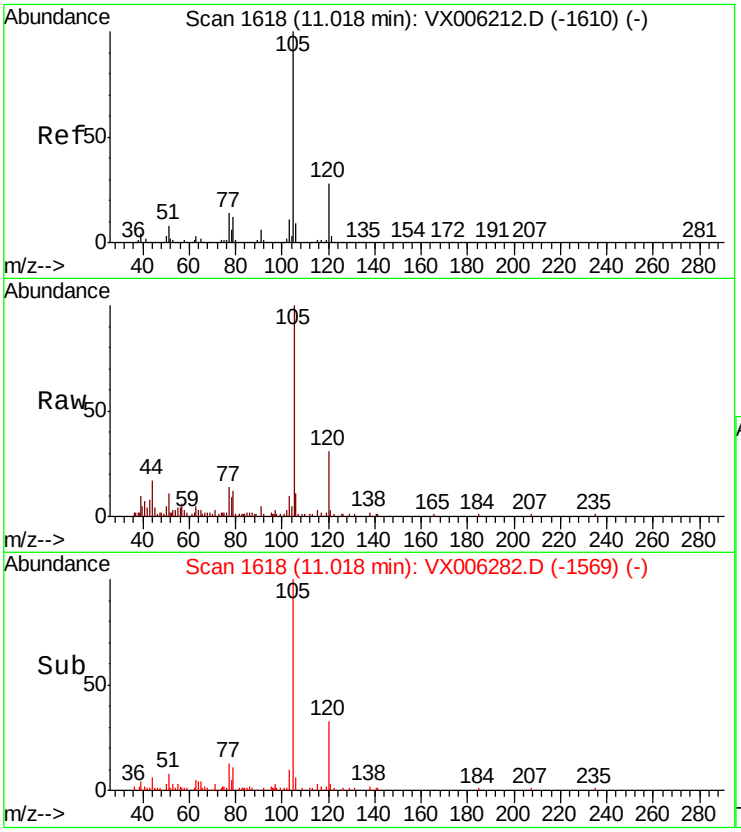


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion:152 Resp: 557886

Ion	Ratio	Lower	Upper
152	100		
115	56.8	39.0	116.9
150	156.3	0.0	345.8



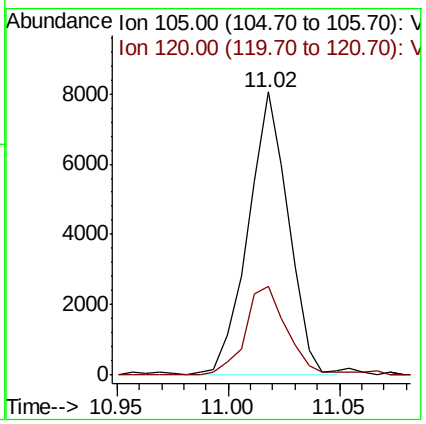


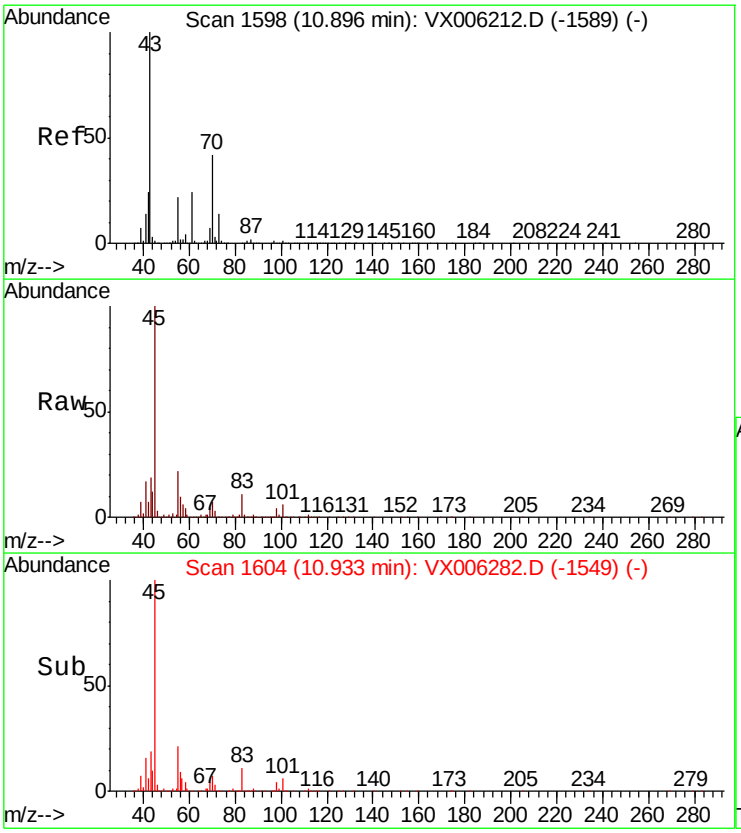
#73
Isopropylbenzene
Concen: 0.264 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Tgt Ion:105 Resp: 10155

Ion	Ratio	Lower	Upper
105	100		
120	32.6	14.1	42.3

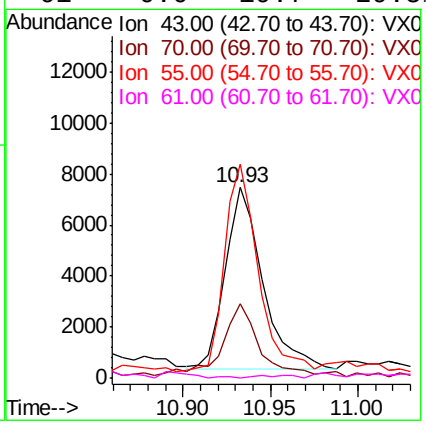


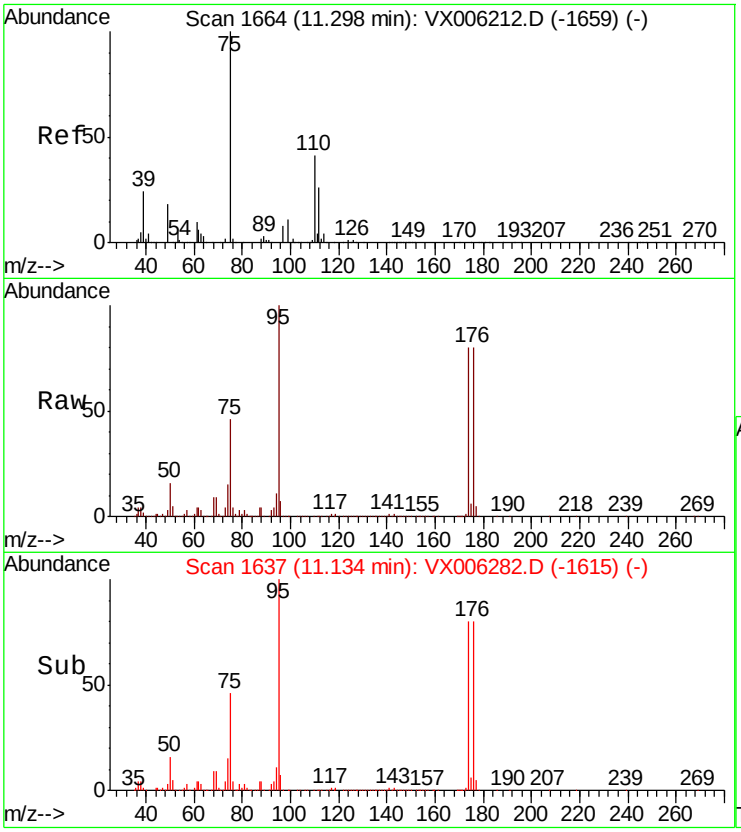


#74
N-amyl acetate
Concen: 0.639 ug/l
RT: 10.93 min Scan# 1604
Delta R.T. 0.04 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 43 Resp: 10609

Ion	Ratio	Lower	Upper
43	100		
70	40.1	34.1	51.1
55	104.6	17.8	26.8#
61	0.0	19.7	29.5#



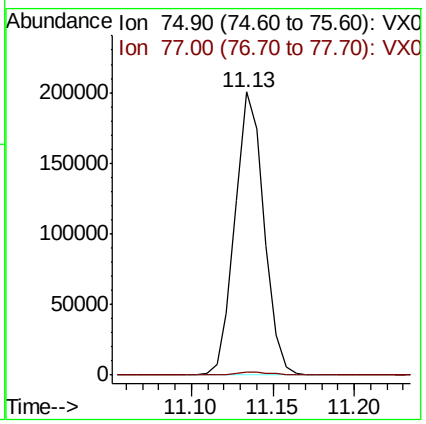


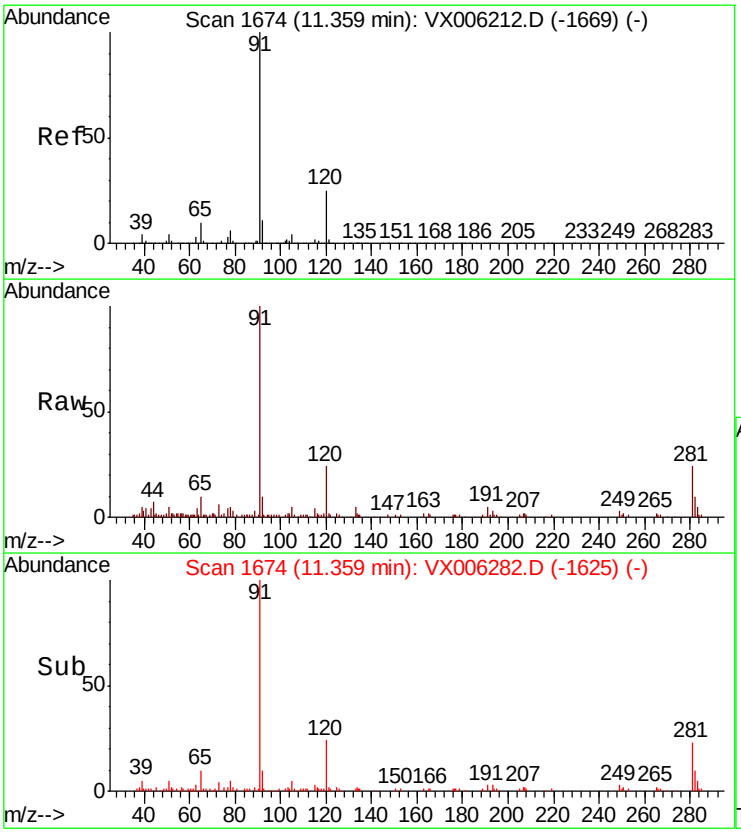
#76
1,2,3-Trichloropropane
Concen: 23.072 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument : MSVOA_X
ClientSampleId : S32-0643

Tgt Ion: 75 Resp: 248441

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.9	59.7#

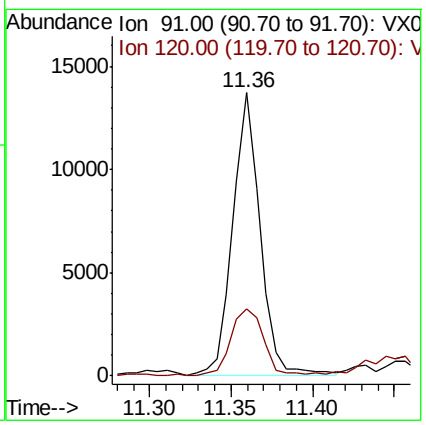


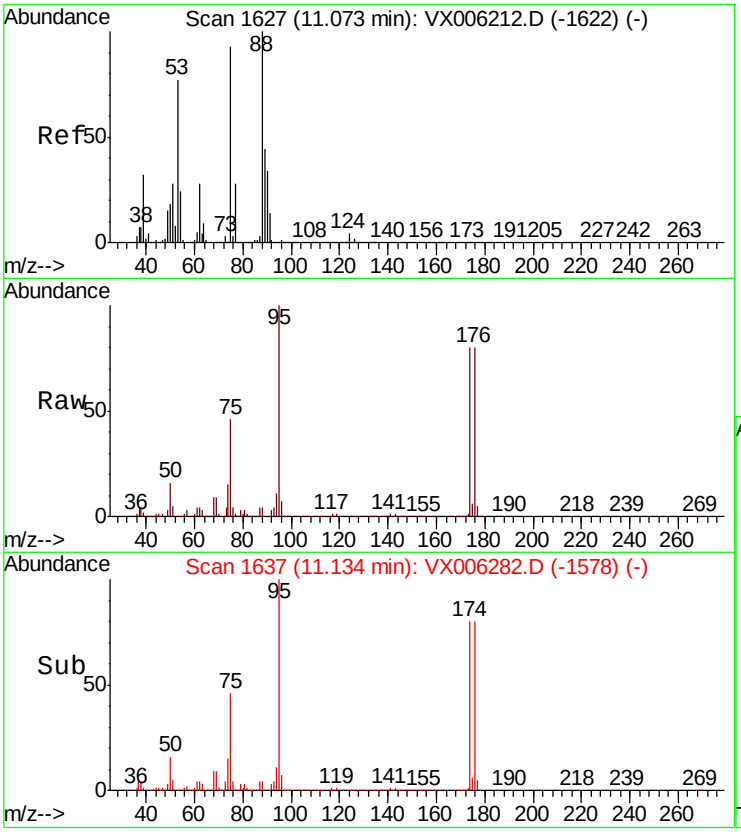


#78
n-propylbenzene
Concen: 0.377 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 91 Resp: 16141

Ion	Ratio	Lower	Upper
91	100		
120	28.7	12.7	38.0



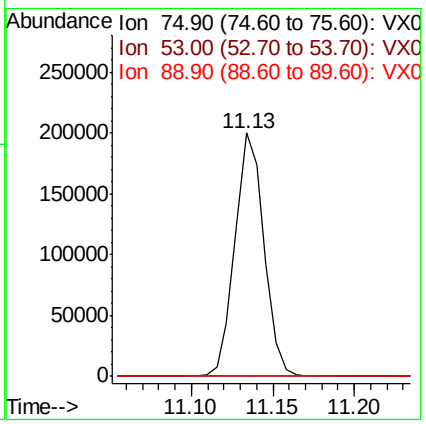


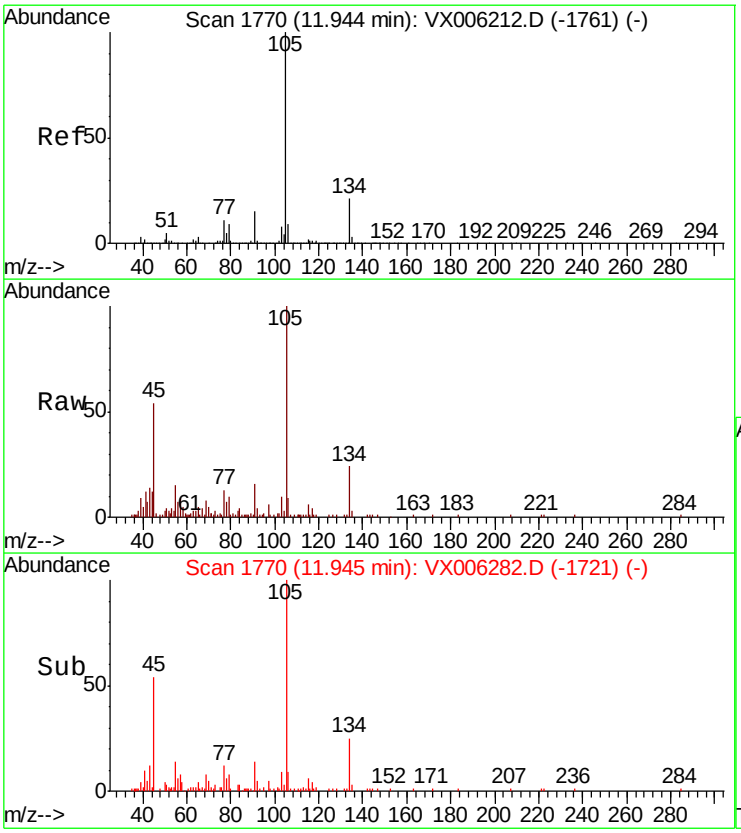
#81
trans-1,4-Dichloro-2-butene
Concen: 54.143 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Tgt Ion: 75 Resp: 248441

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.4	96.6#
89	0.1	44.2	66.4#

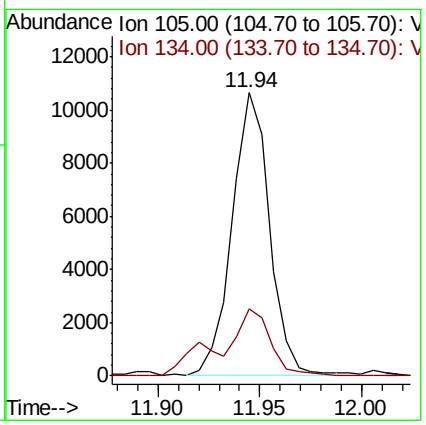


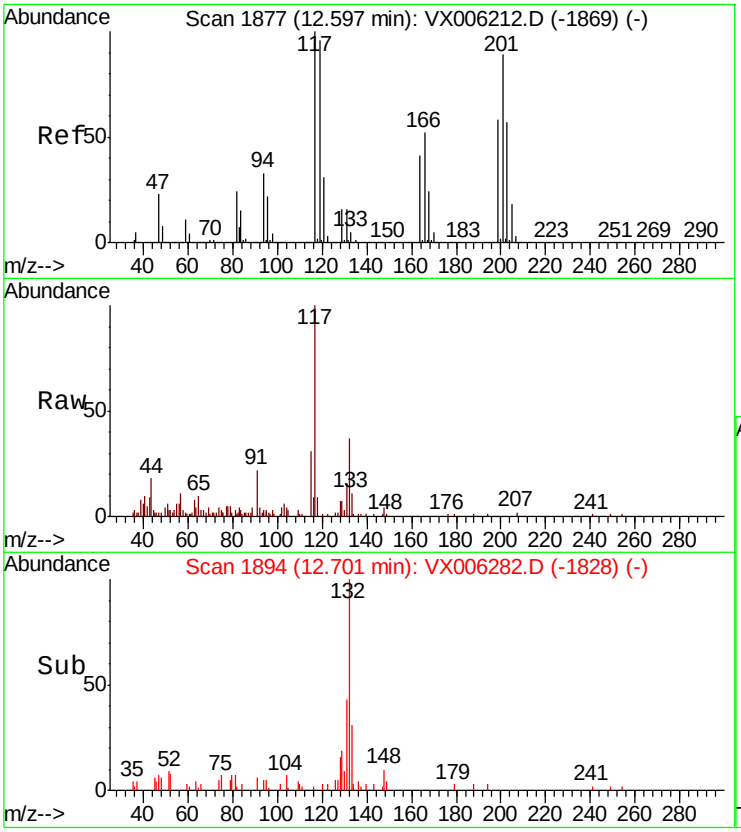


#85
sec-Butylbenzene
Concen: 0.349 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion:105 Resp: 13575

Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.8	32.4





#90
Hexachloroethane
Concen: 1.057 ug/l
RT: 12.70 min Scan# 1894
Delta R.T. 0.10 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Tgt Ion:117 Resp: 7548

Ion	Ratio	Lower	Upper
117	100		
201	0.3	44.7	134.1#