Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX005012.D
Acq On : 04 Oct 2018 11:21
Operator : JC/MD
Sample : PB113446ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#04

Quant Time: Oct 04 14:35:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411568	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	189148	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.72%			
35) Dibromofluoromethane	5.50	113	161087	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.36%			
50) Toluene-d8	8.71	98	583550	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.64%			
62) 4-Bromofluorobenzene	11.14	95	211302	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.16%			
Target Compounds						Qvalue
6) Chloroethane	1.71	64	44	Below Cal	#	45
11) Tert butyl alcohol	3.03	59	5070	5.020	ug/l #	81
13) Acrolein	2.31	56	184	0.256	ug/l #	16
16) Acetone	2.45	43	30226	14.333	ug/l	90
18) Methyl Acetate	2.78	43	11973	2.241	ug/l	97
20) Methylene Chloride	2.86	84	6083	1.164	ug/l	90
25) 2-Butanone	4.69	43	2087	0.671	ug/l #	79
29) Tetrahydrofuran	5.17	42	2248	1.163	ug/l	90
31) Cyclohexane	5.67	56	4546	0.989	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17109	3.595	ug/l #	46
38) Carbon Tetrachloride	5.67	117	21801	4.358	ug/l #	17
43) Isopropyl Acetate	6.46	43	226670	24.860	ug/l	98
48) Methyl methacrylate	7.68	41	8650	2.090	ug/l #	22
51) 4-Methyl-2-Pentanone	8.62	43	2821	0.491	ug/l #	37
54) cis-1,3-Dichloropropene	8.62	75	1501	0.295	ug/l #	59
56) Ethyl methacrylate	9.07	69	101	2.878	ug/l #	22
59) 2-Hexanone	9.55	43	14812	3.096	ug/l #	55
68) m/p-Xylenes	10.36	106	2508	0.397	ug/l	92
70) Styrene	10.70	104	293	2.166	ug/l #	26
74) N-amyl acetate	10.91	43	59	1.755	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	101810	20.862	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	101810	56.624	ug/l #	10
95) Naphthalene	13.83	128	217065	12.532	ug/l	100

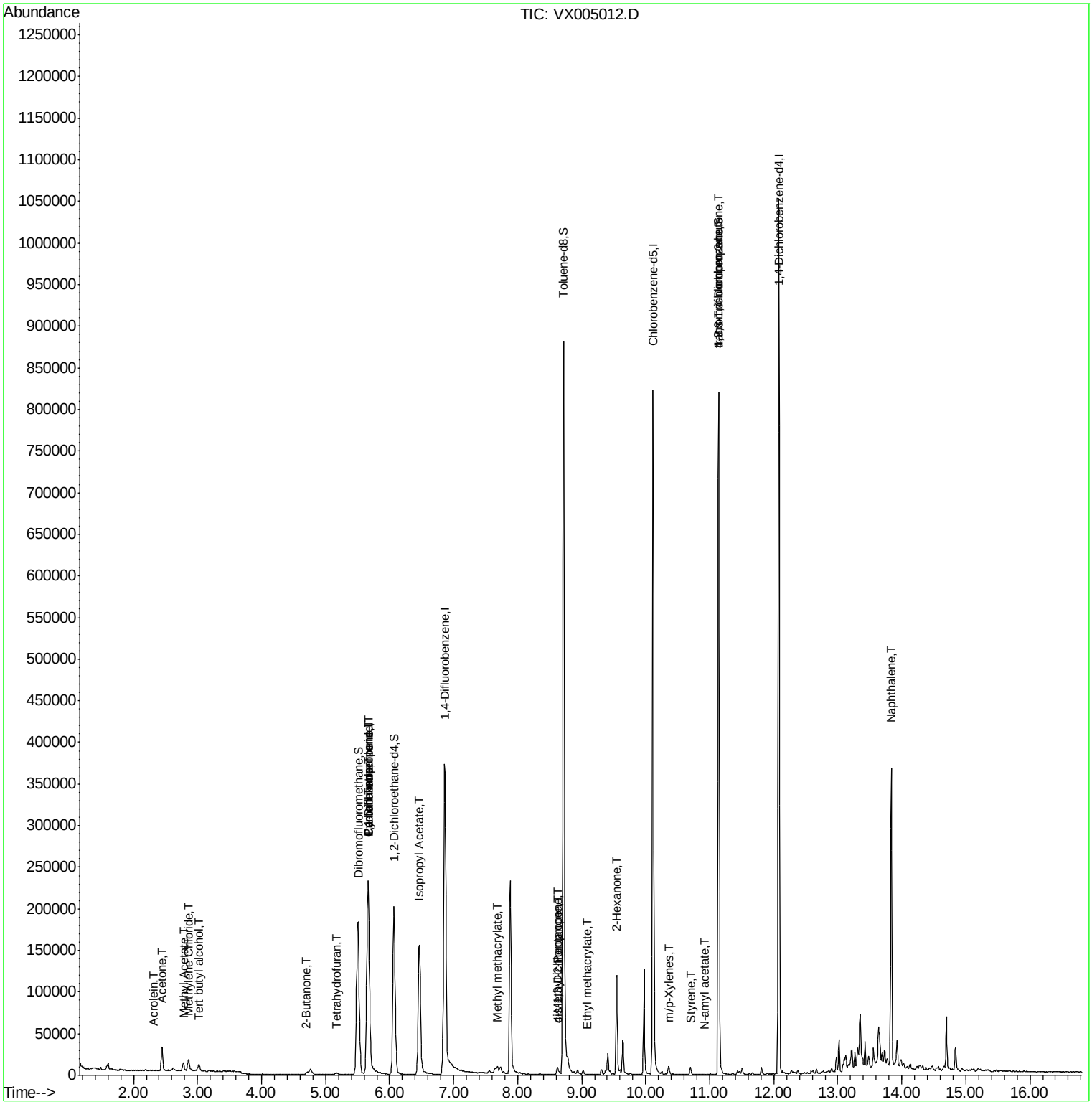
(#) = qualifier out of range (m) = manual integration (+) = signals summed

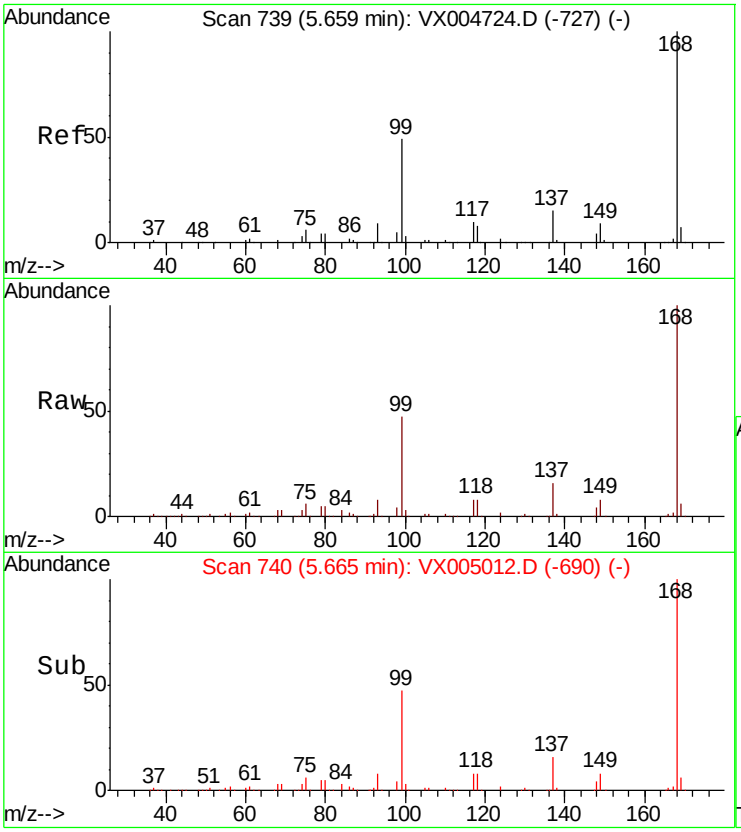
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX005012.D
Acq On : 04 Oct 2018 11:21
Operator : JC/MD
Sample : PB113446ZHE#04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Quant Time: Oct 04 14:35:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



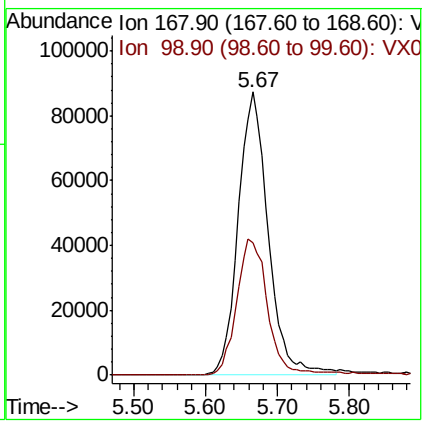


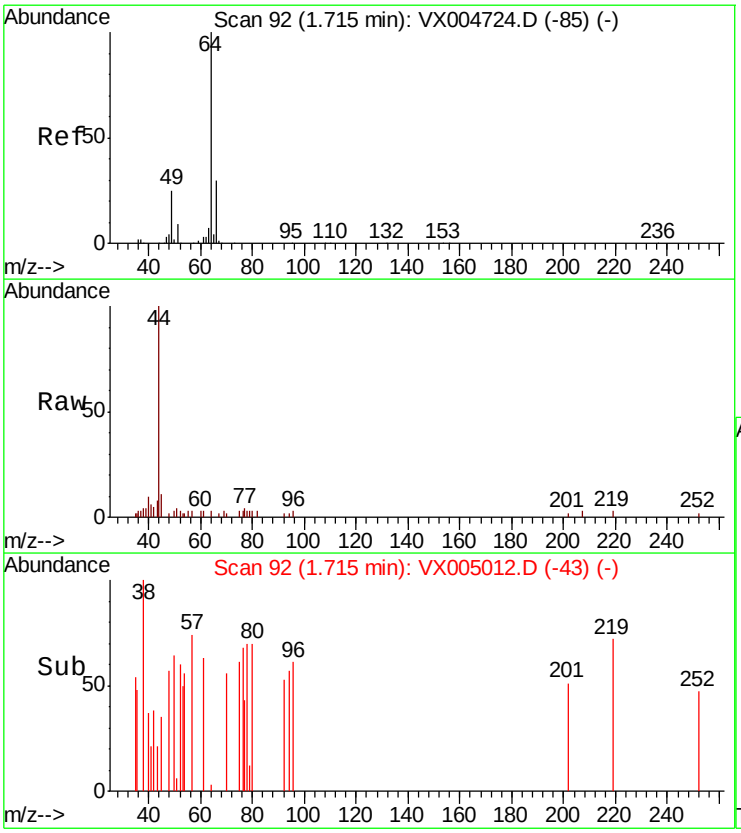
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tgt Ion:168 Resp: 252871

Ion	Ratio	Lower	Upper
168	100		
99	46.9	39.3	58.9

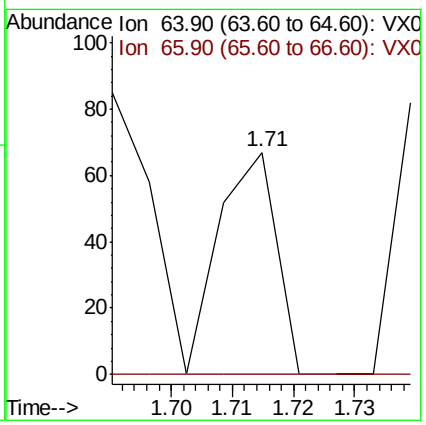


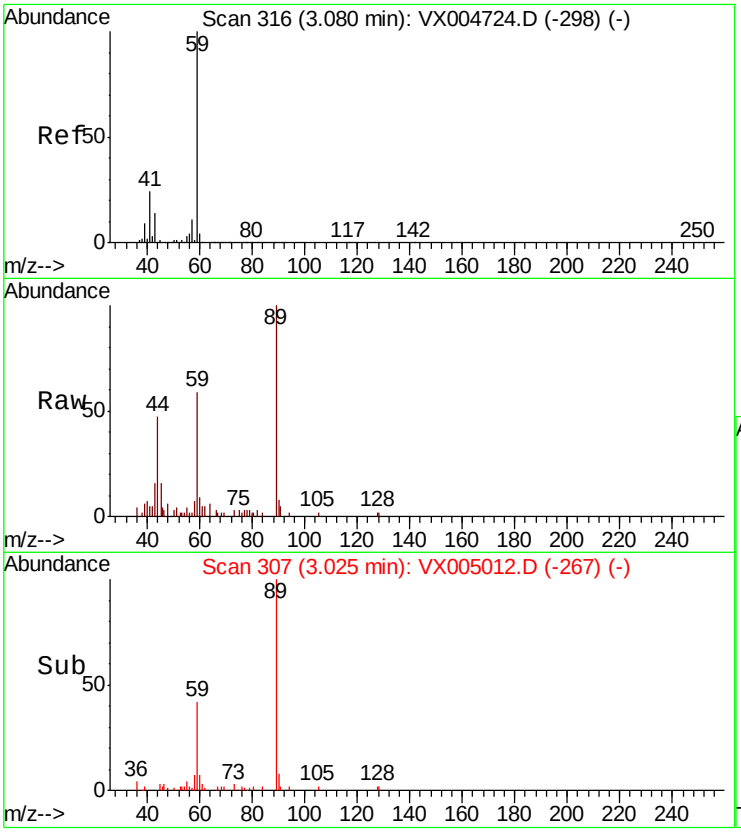


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 64 Resp: 44

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#



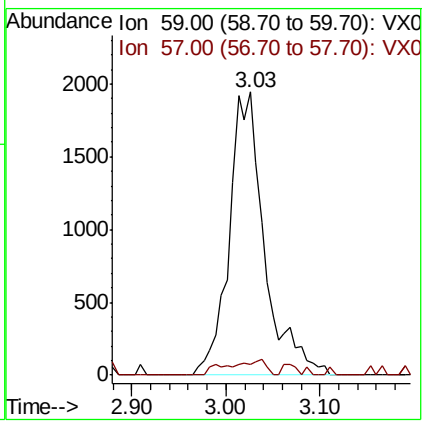


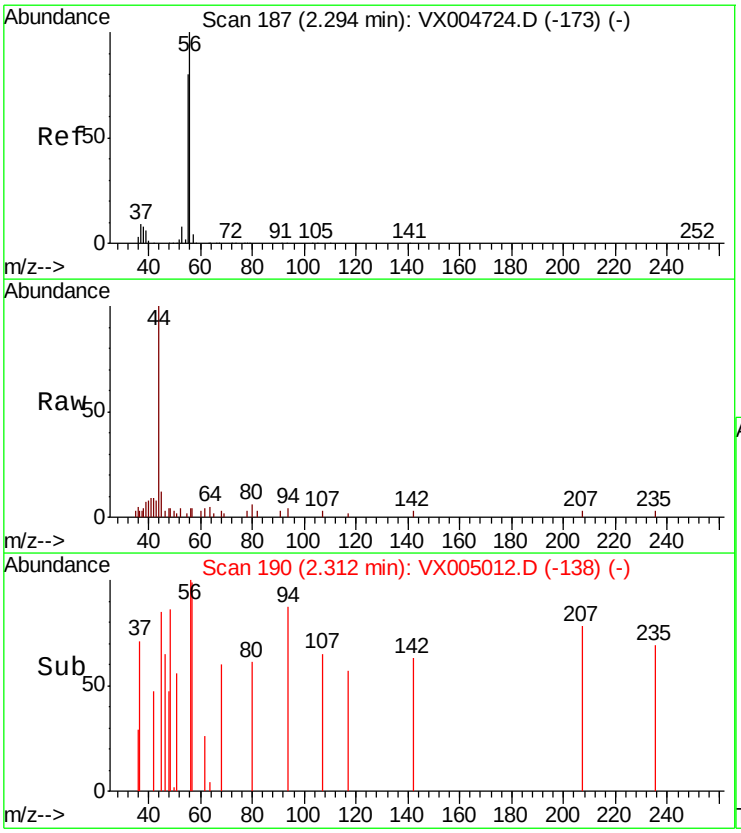
#11
Tert butyl alcohol
Concen: 5.020 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tgt Ion: 59 Resp: 5070

Ion	Ratio	Lower	Upper
59	100		
57	3.6	8.6	12.8#

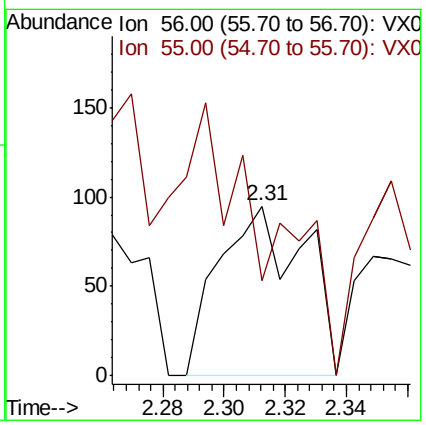


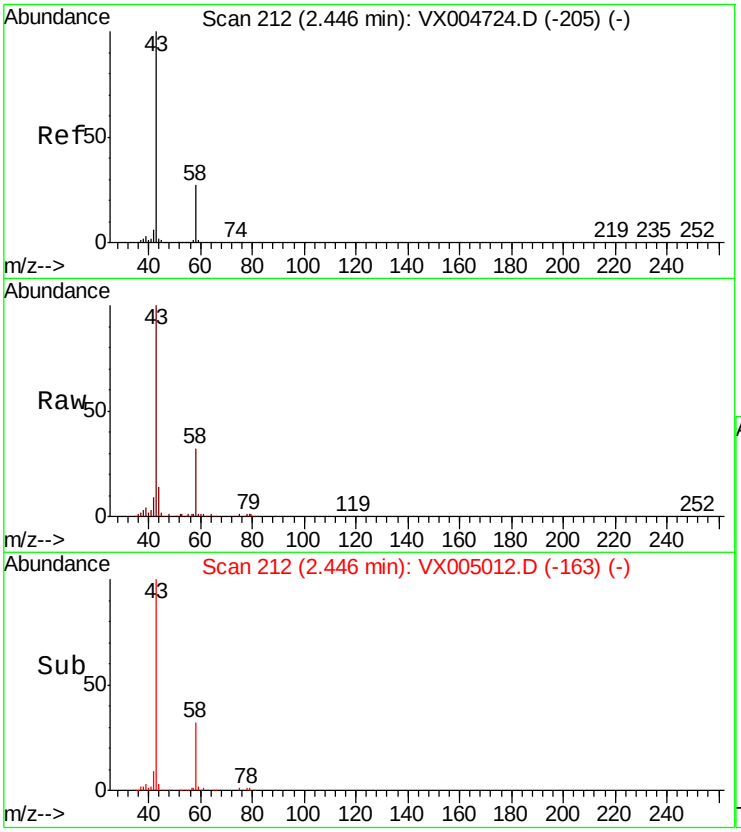


#13
Acrolein
Concen: 0.256 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 56 Resp: 184

Ion	Ratio	Lower	Upper
56	100		
55	153.3	63.4	95.2#



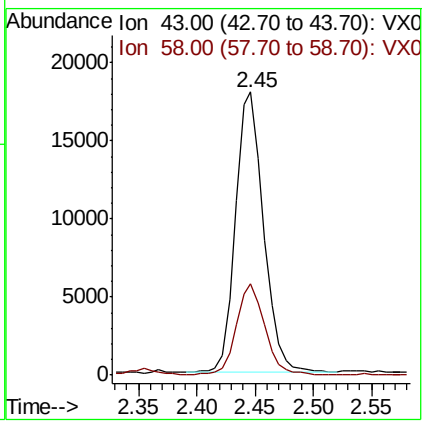


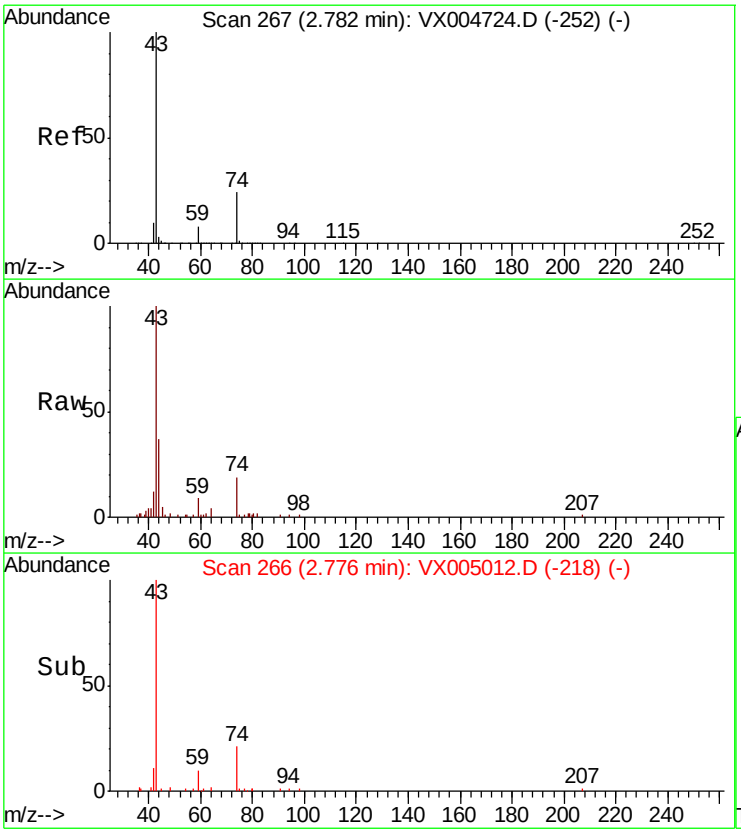
#16
Acetone
Concen: 14.333 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tgt Ion: 43 Resp: 30226

Ion	Ratio	Lower	Upper
43	100		
58	32.3	21.8	32.6

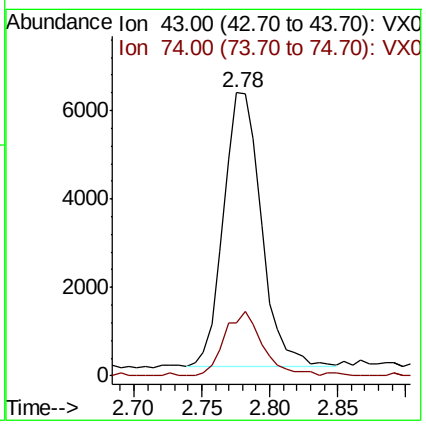


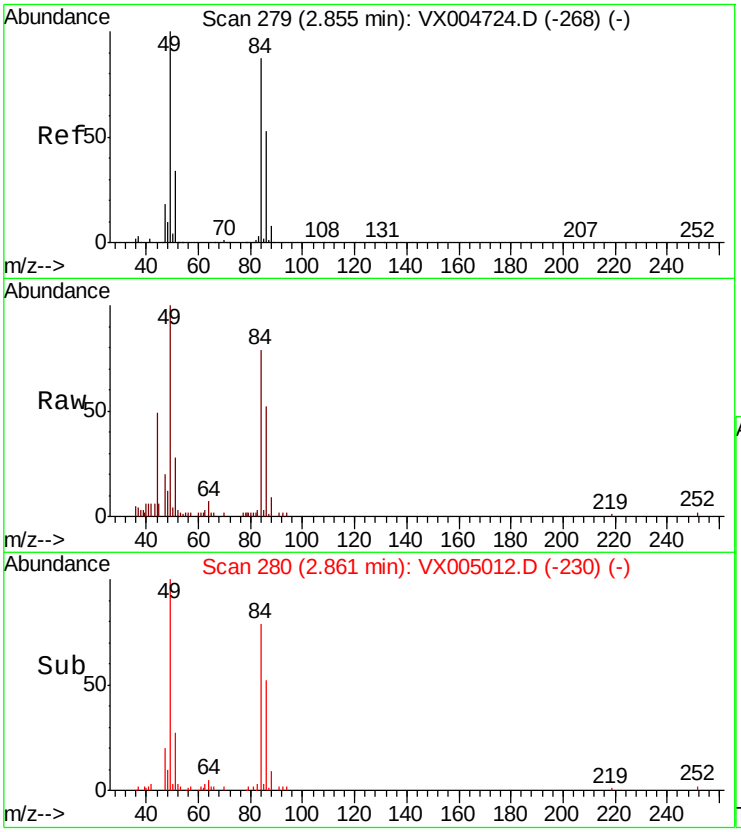


#18
Methyl Acetate
Concen: 2.241 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 43 Resp: 11973

Ion	Ratio	Lower	Upper
43	100		
74	23.7	17.8	26.8



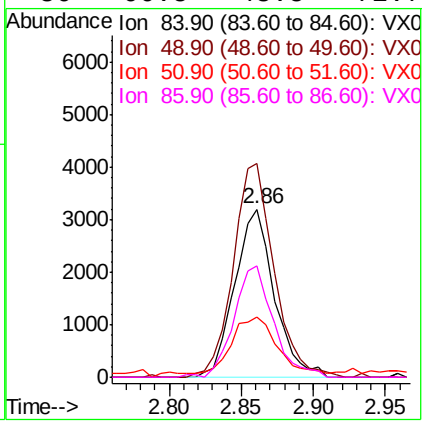


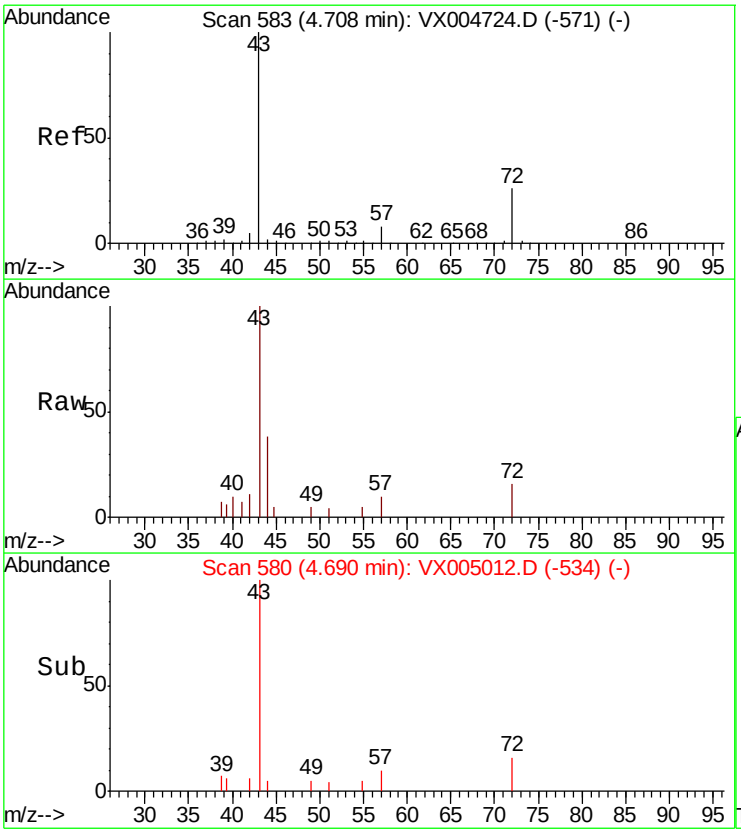
#20
Methylene Chloride
Concen: 1.164 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#04

Tgt Ion: 84 Resp: 6083

Ion	Ratio	Lower	Upper
84	100		
49	127.1	92.3	138.5
51	33.2	31.8	47.6
86	66.5	48.5	72.7

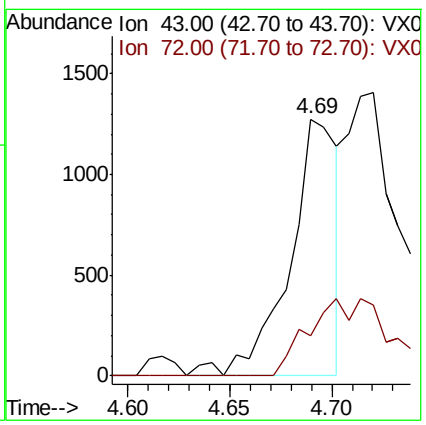


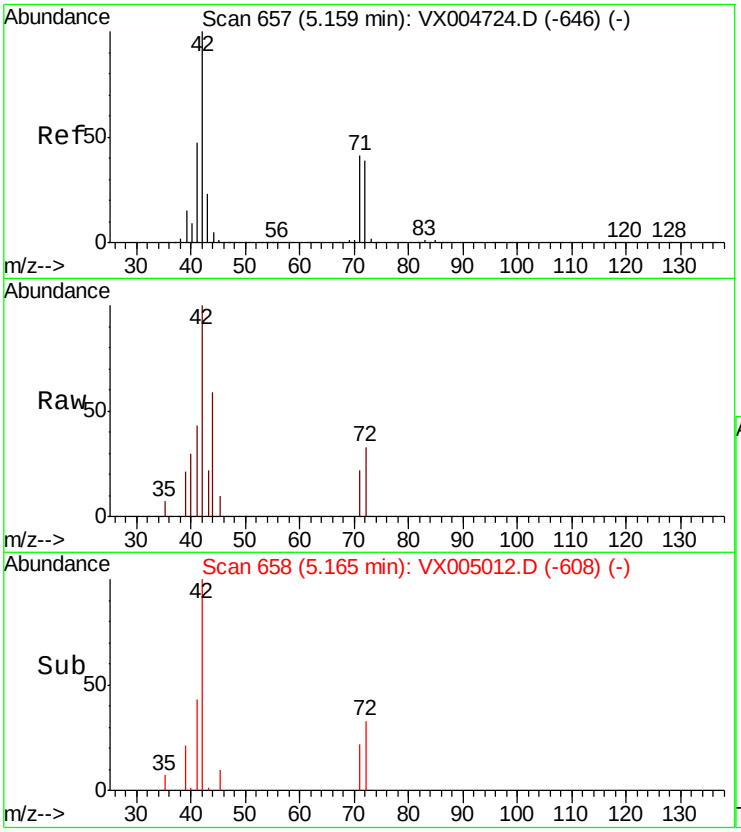


#25
2-Butanone
Concen: 0.671 ug/l
RT: 4.69 min Scan# 580
Delta R.T. -0.02 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 43 Resp: 2087

Ion	Ratio	Lower	Upper
43	100		
72	15.5	20.8	31.2#



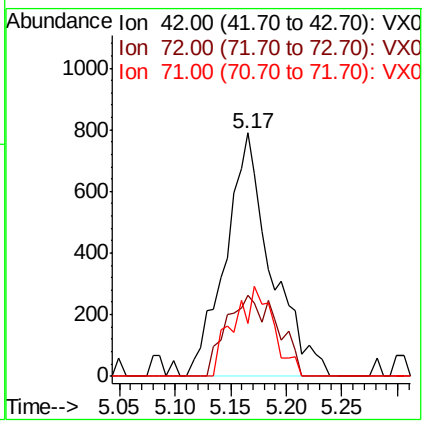


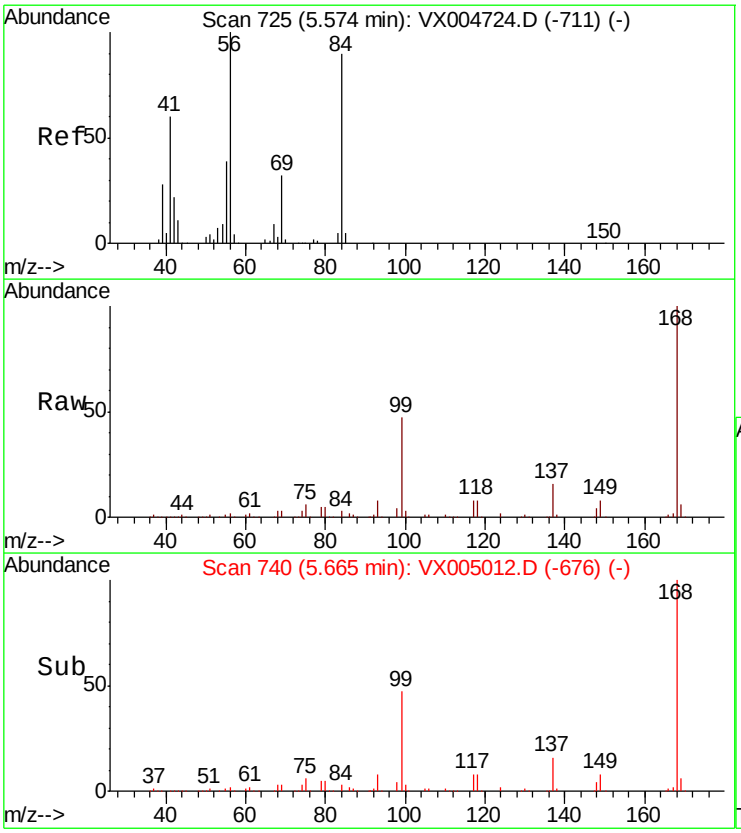
#29
Tetrahydrofuran
Concen: 1.163 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tgt Ion: 42 Resp: 2248

Ion	Ratio	Lower	Upper
42	100		
72	37.4	33.7	50.5
71	32.3	32.2	48.4

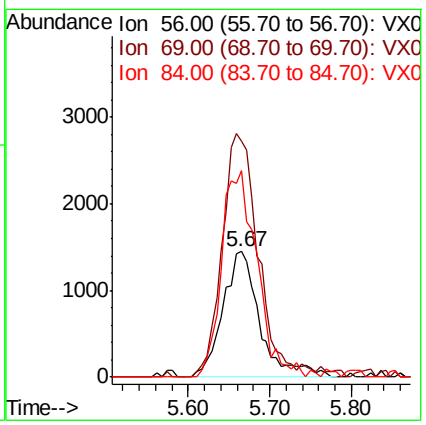


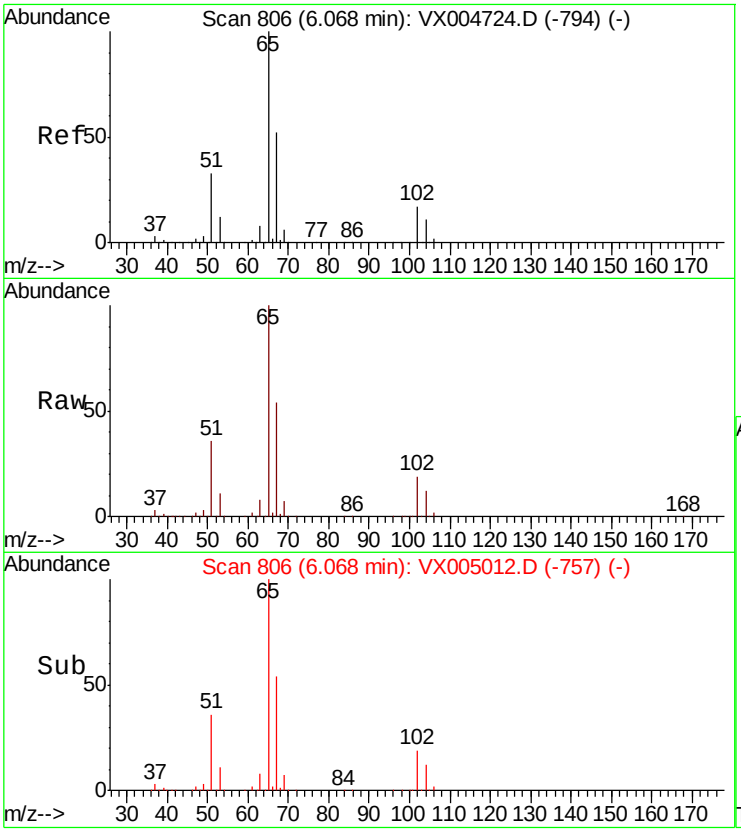


#31
Cyclohexane
Concen: 0.989 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 56 Resp: 4546

Ion	Ratio	Lower	Upper
56	100		
69	187.7	25.9	38.9#
84	164.9	71.9	107.9#



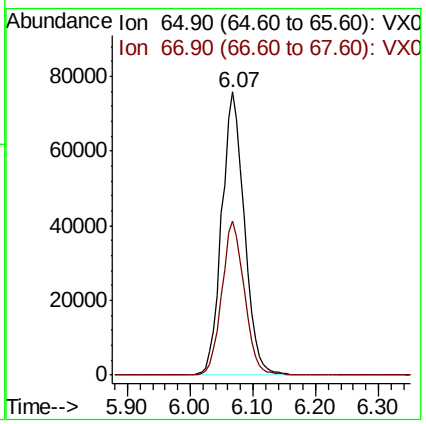


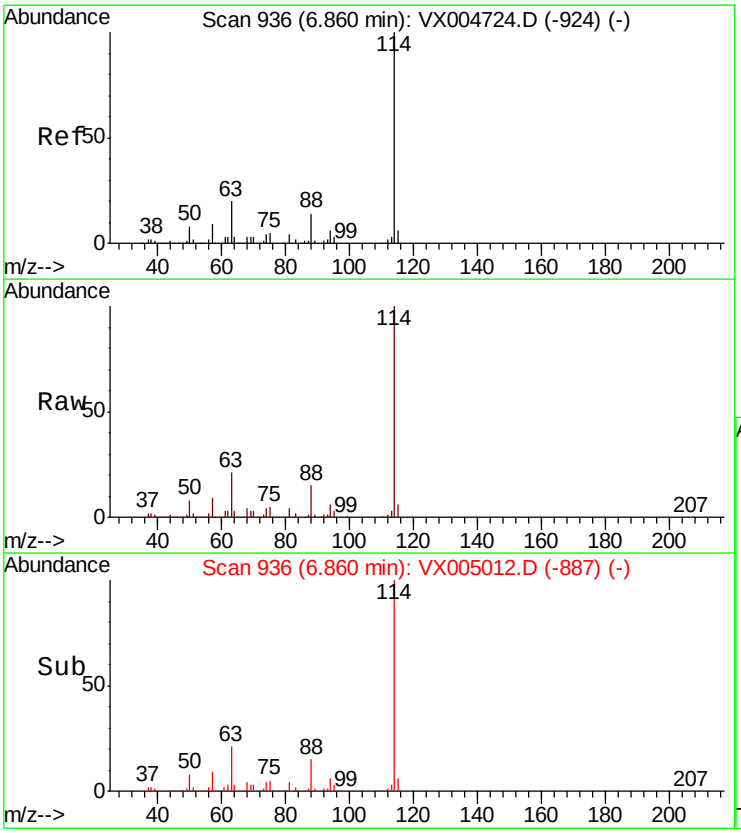
#33
1,2-Dichloroethane-d4
Concen: 52.363 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tgt Ion: 65 Resp: 189148

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.4

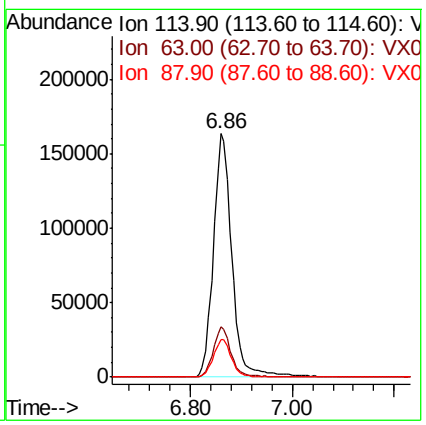


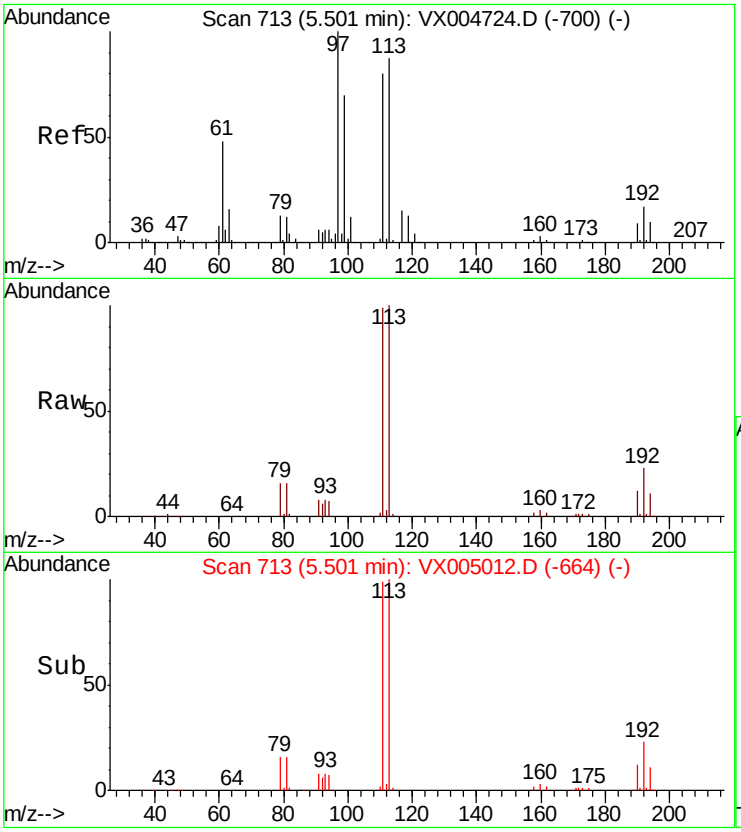


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion:114 Resp: 411568

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.8
88	15.5	0.0	27.0



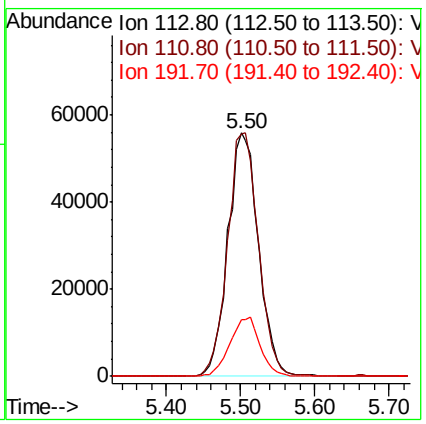


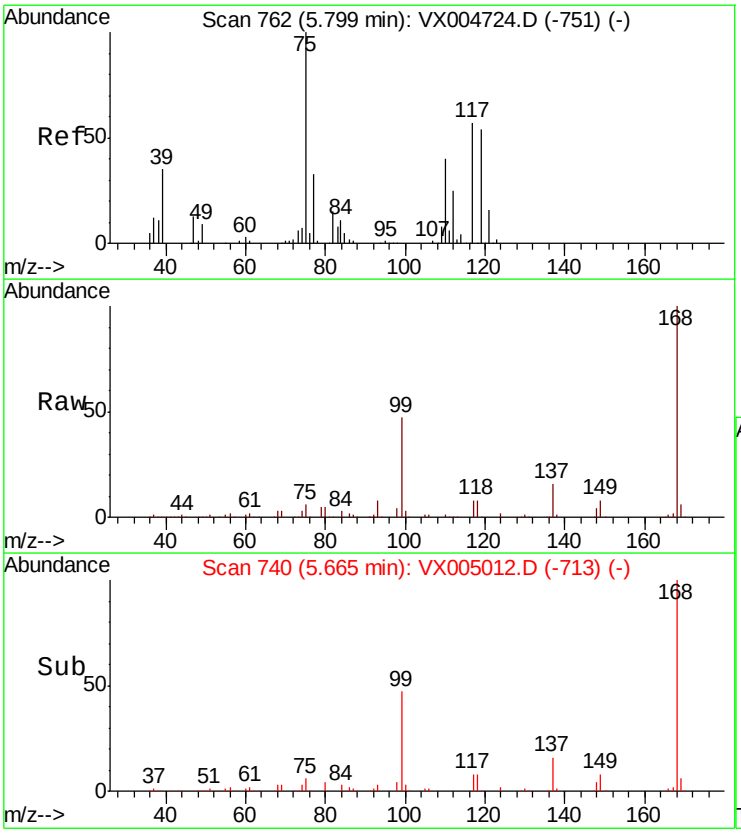
#35
Dibromofluoromethane
Concen: 46.182 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tgt Ion:113 Resp: 161087

Ion	Ratio	Lower	Upper
113	100		
111	100.8	77.0	115.4
192	24.0	17.0	25.6

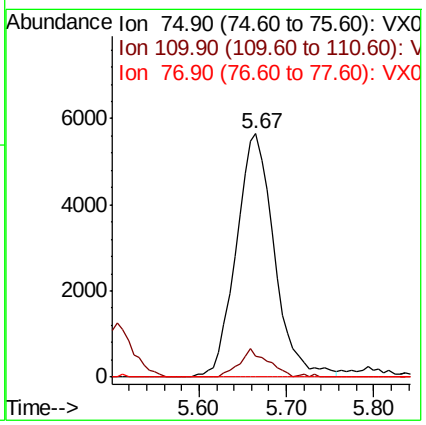


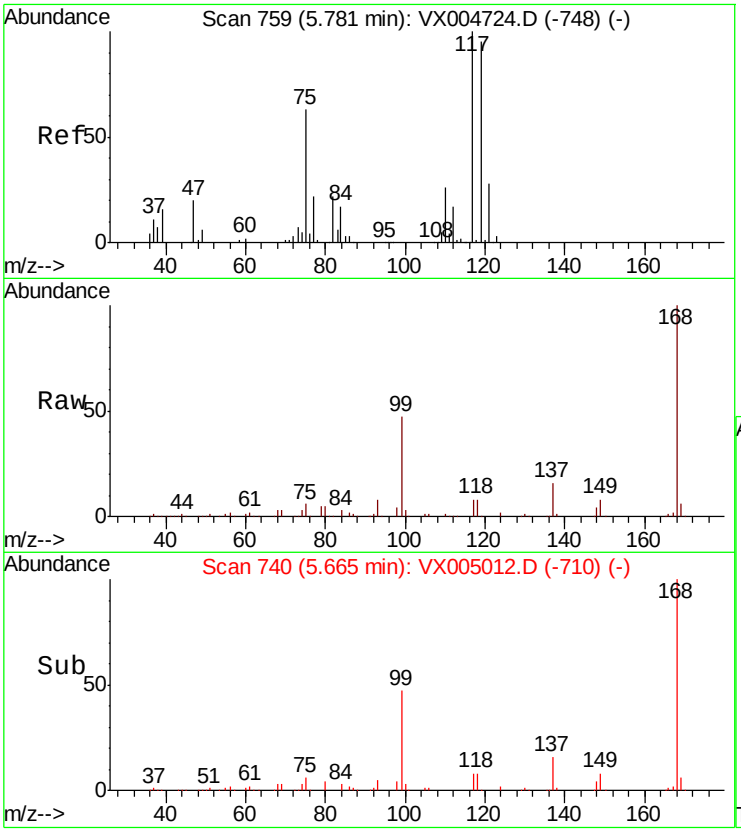


#36
1,1-Dichloropropene
Concen: 3.595 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 75 Resp: 17109

Ion	Ratio	Lower	Upper
75	100		
110	8.8	20.0	59.9#
77	0.0	27.1	40.7#



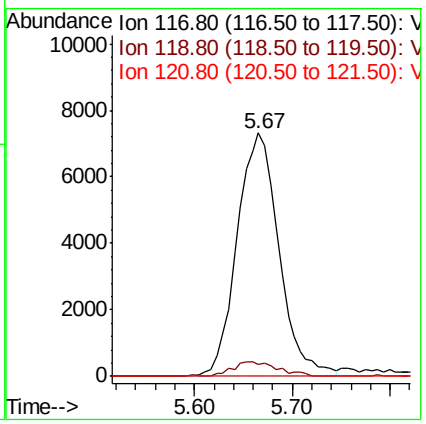


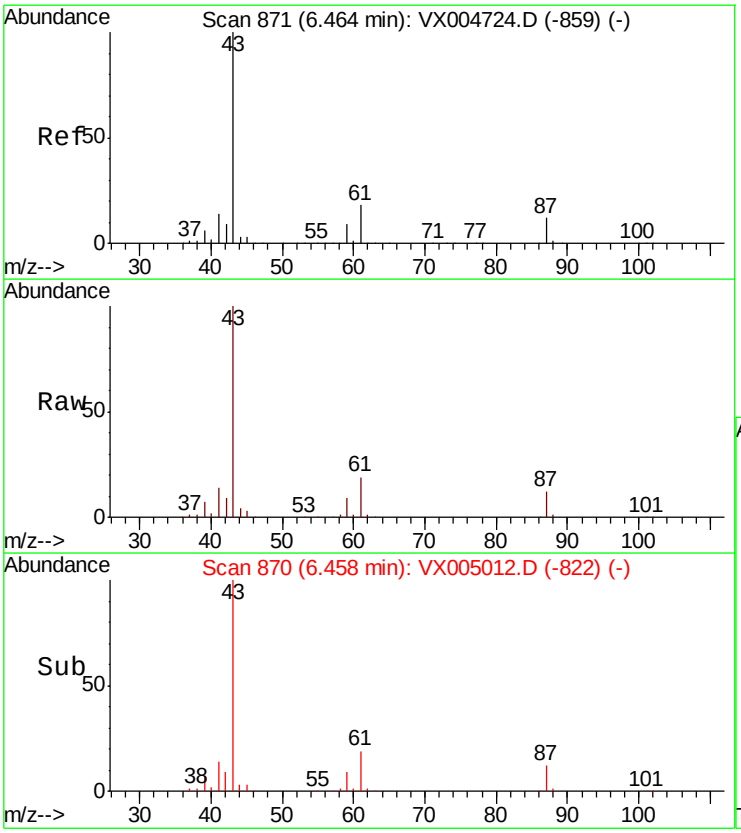
#38
Carbon Tetrachloride
Concen: 4.358 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tgt Ion:117 Resp: 21801

Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.2	112.8#
121	0.0	22.5	33.7#

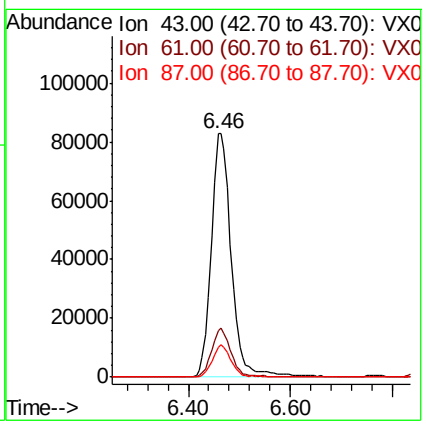


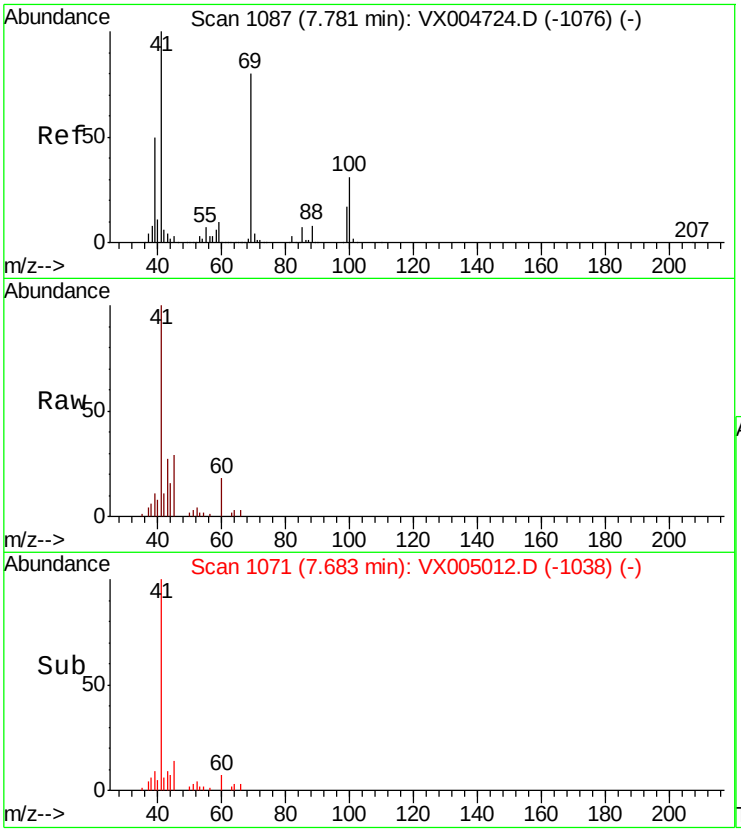


#43
Isopropyl Acetate
Concen: 24.860 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 43 Resp: 226670

Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.2	21.4
87	12.2	9.3	13.9



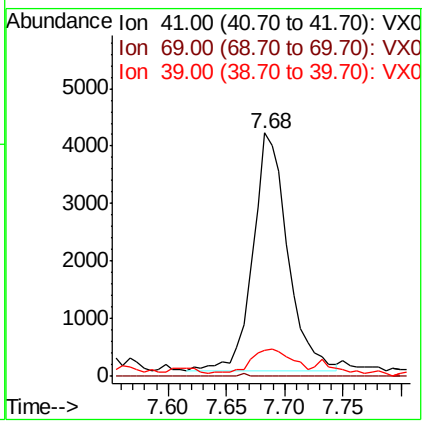


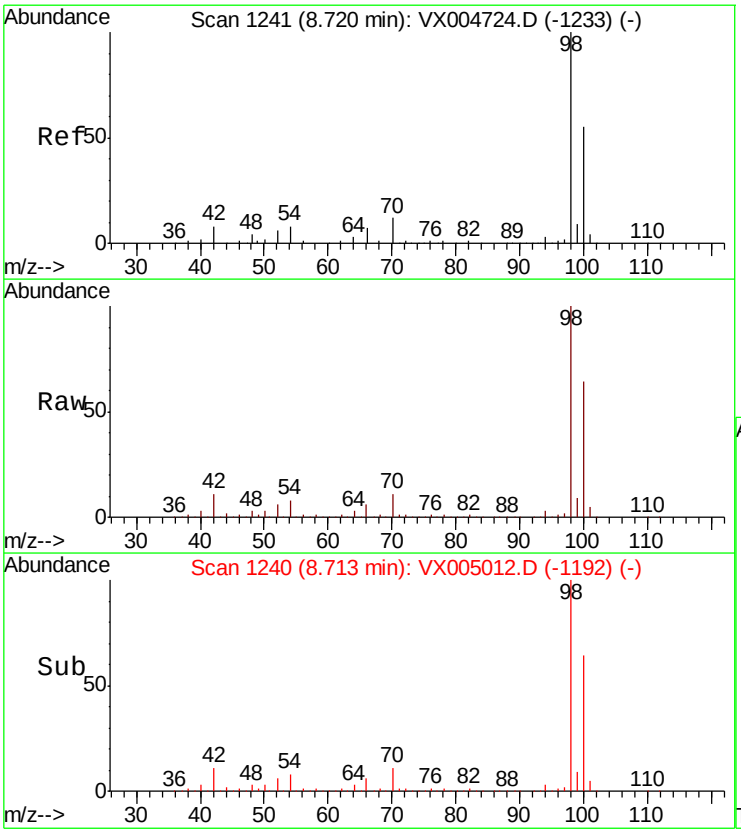
#48
Methyl methacrylate
Concen: 2.090 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.10 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#04

Tgt Ion: 41 Resp: 8650

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.8	95.6#
39	11.0	40.7	61.1#

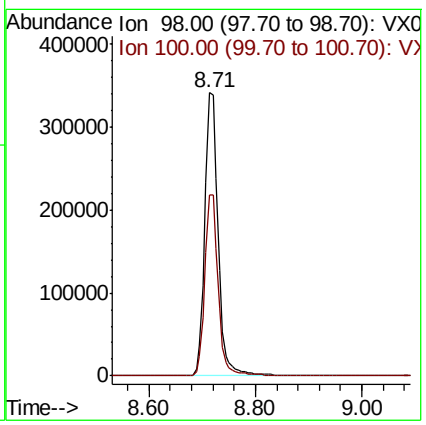


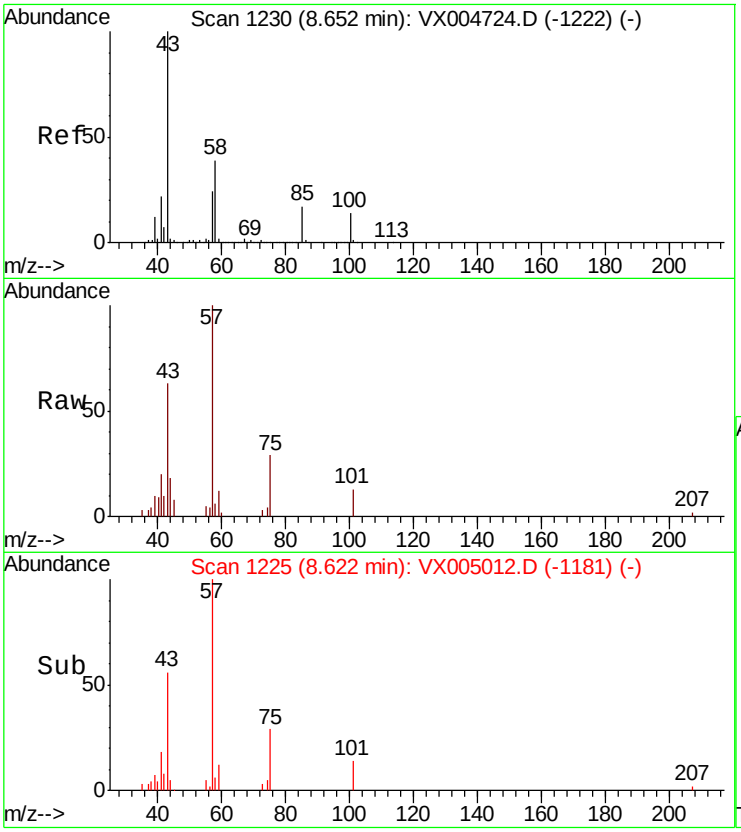


#50
Toluene-d8
Concen: 50.323 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 98 Resp: 583550

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.9	77.9



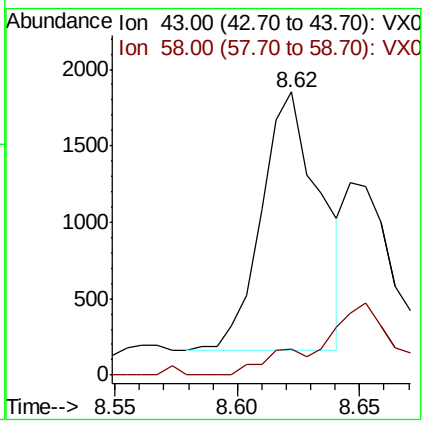


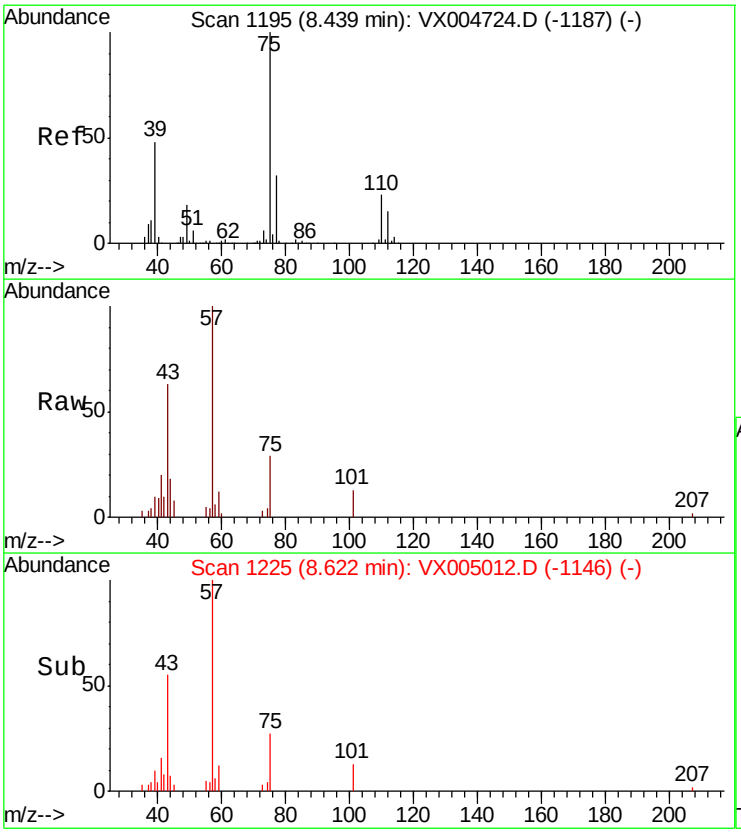
#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tgt Ion: 43 Resp: 2821

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.5	45.7#

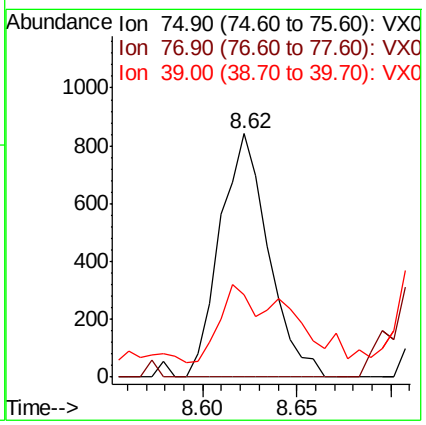


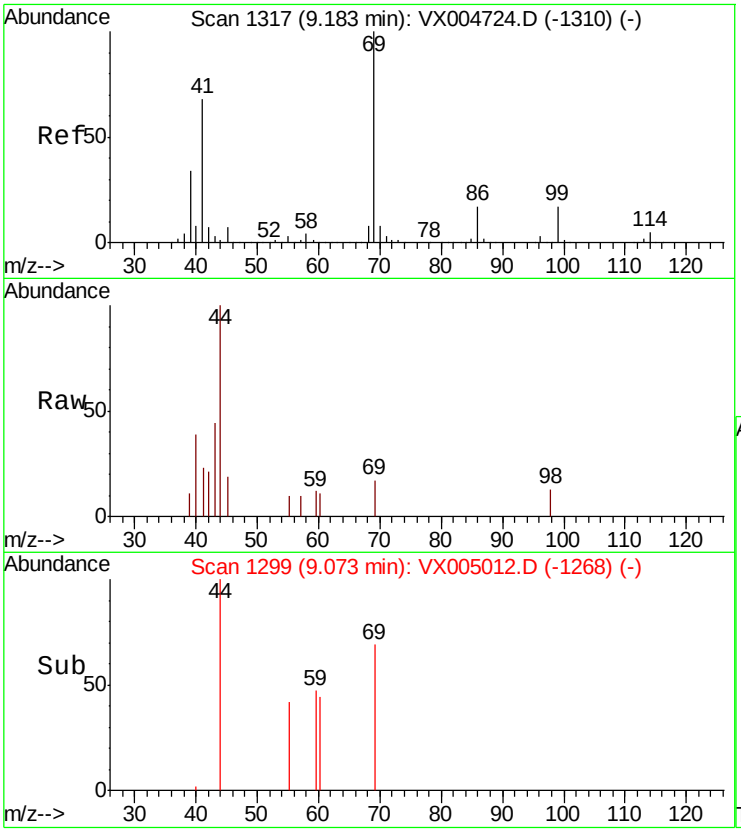


#54
cis-1,3-Dichloropropene
Concen: 0.295 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 75 Resp: 1501

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	27.9	38.3	57.5#



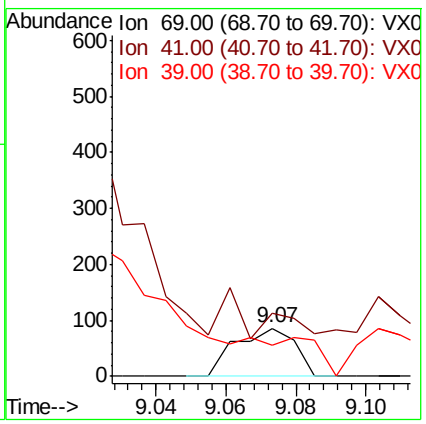


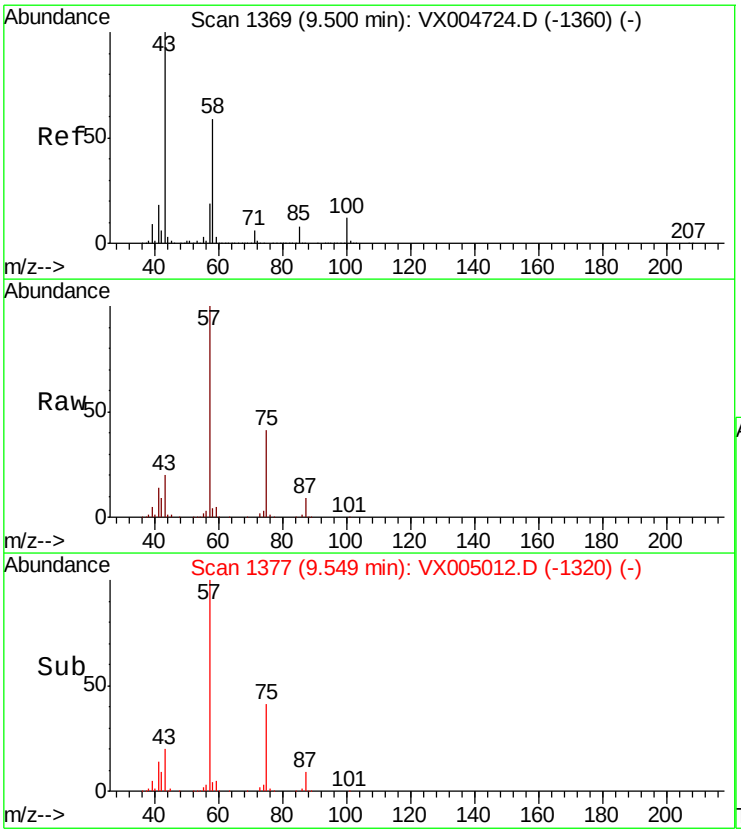
#56
Ethyl methacrylate
Concen: 2.878 ug/l
RT: 9.07 min Scan# 1299
Delta R.T. -0.11 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#04

Tgt Ion: 69 Resp: 101

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.9	85.3#
39	0.0	28.4	42.6#

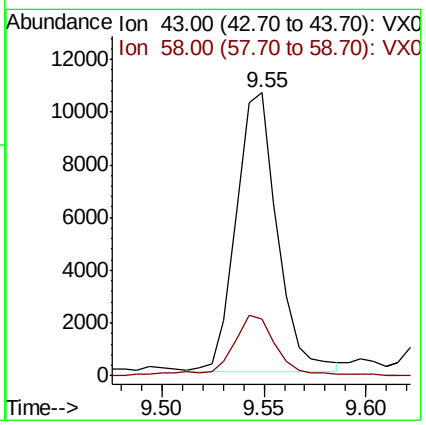


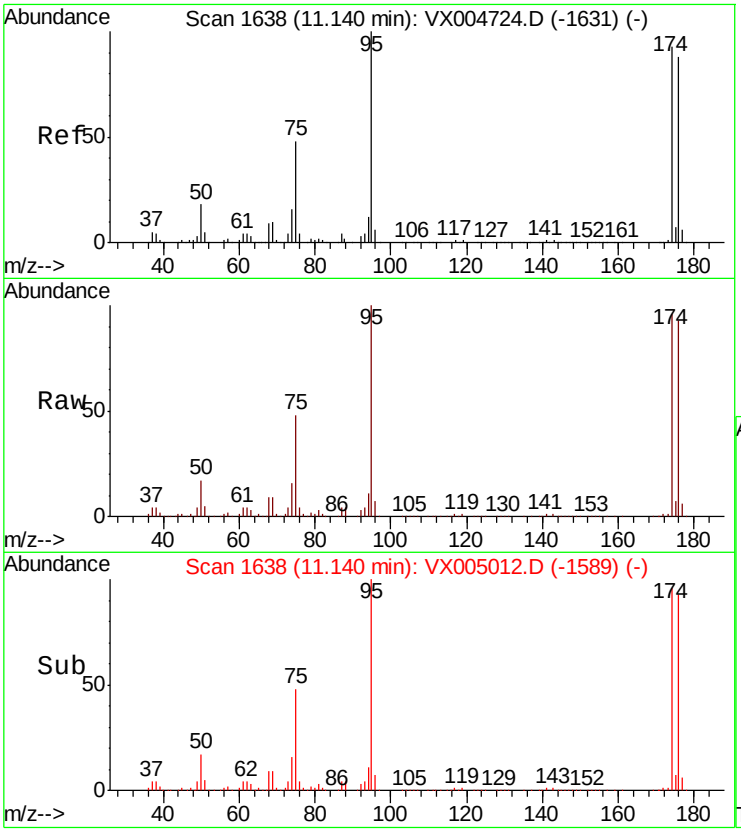


#59
2-Hexanone
Concen: 3.096 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 43 Resp: 14812

Ion	Ratio	Lower	Upper
43	100		
58	24.1	28.4	85.3#



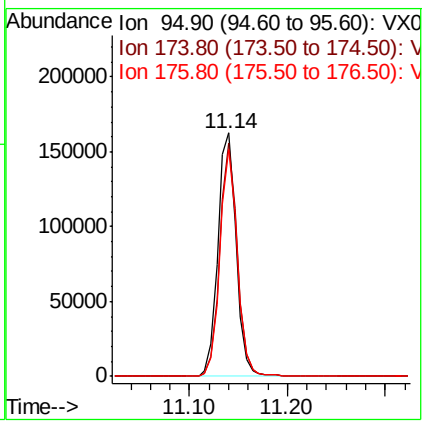


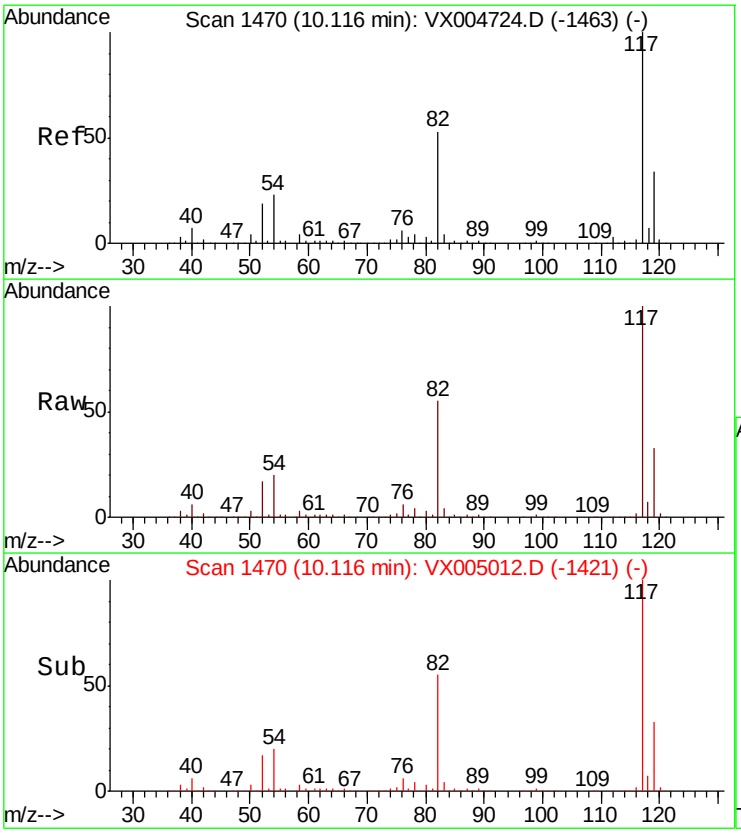
#62
4-Bromofluorobenzene
Concen: 50.580 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tgt Ion: 95 Resp: 211302

Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	185.0
176	88.6	0.0	180.2

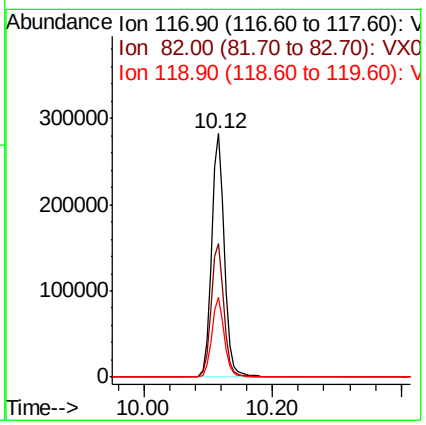


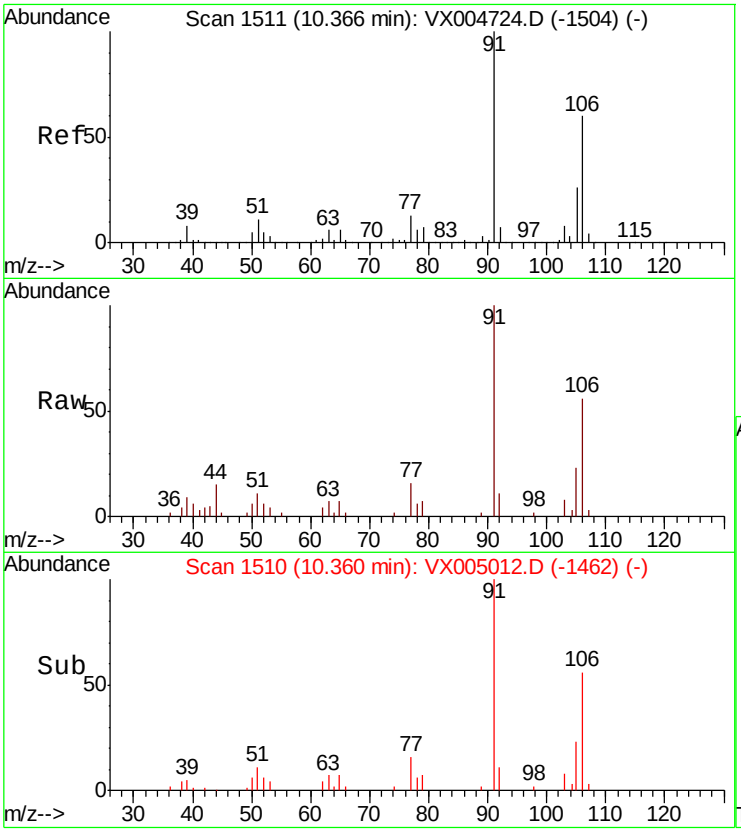


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion:117 Resp: 396823

Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.2	63.4
119	32.7	27.4	41.0



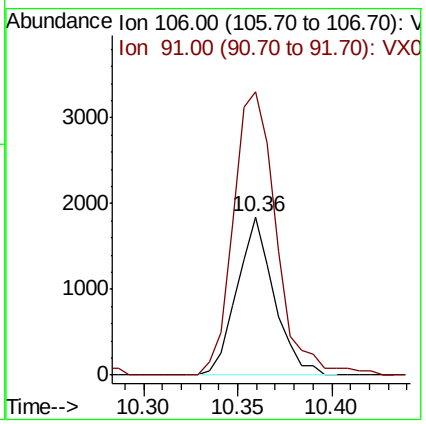


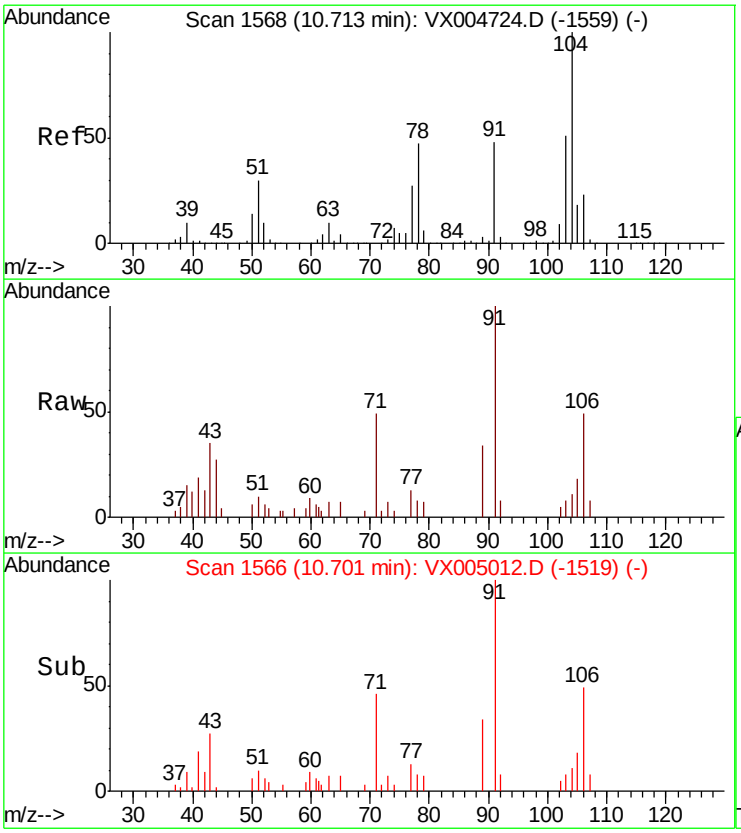
#68
m/p-Xylenes
Concen: 0.397 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tgt Ion:106 Resp: 2508

Ion	Ratio	Lower	Upper
106	100		
91	208.8	157.5	236.3

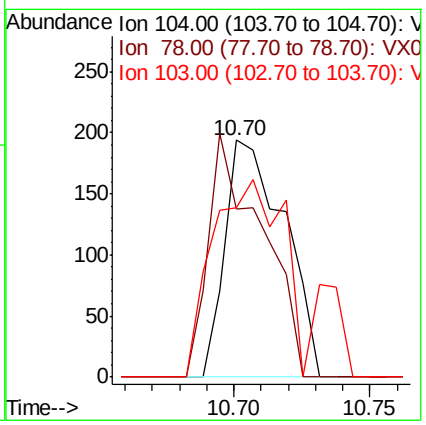


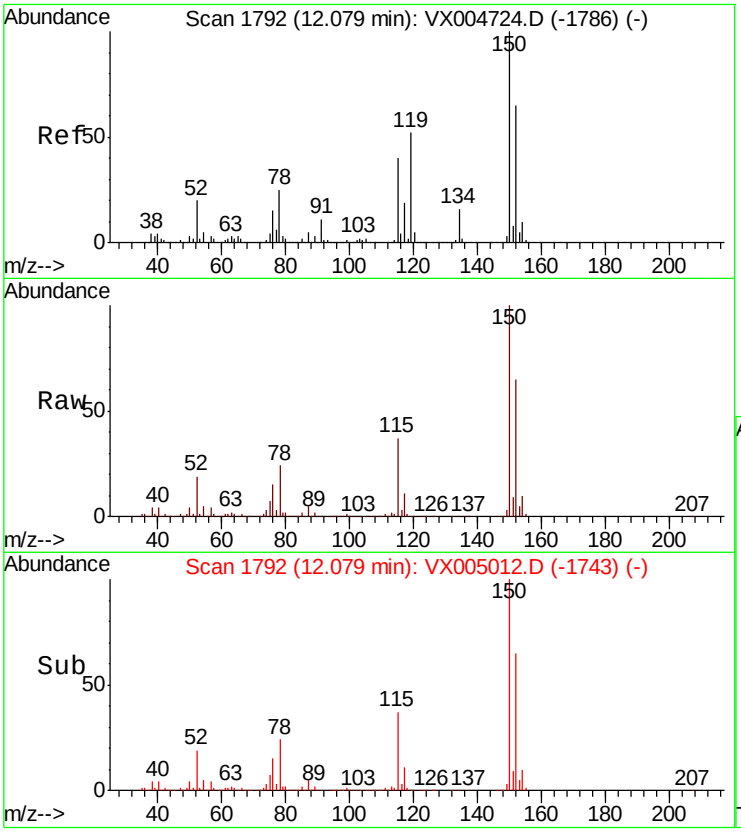


#70
Styrene
Concen: 2.166 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion:104 Resp: 293

Ion	Ratio	Lower	Upper
104	100		
78	92.5	40.0	60.0#
103	117.7	44.3	66.5#



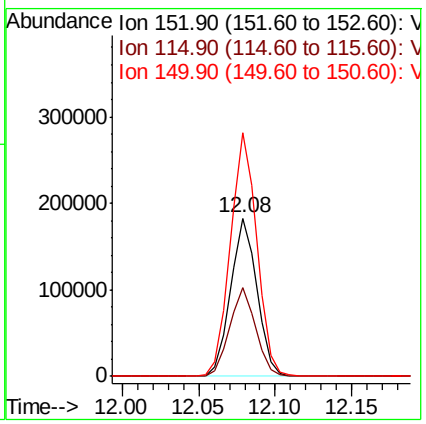


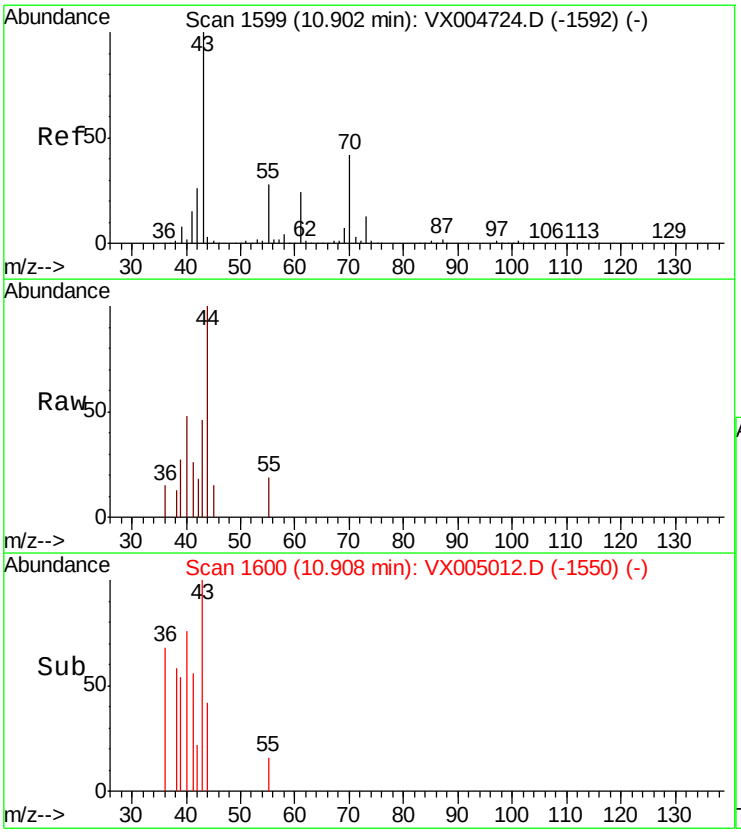
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#04

Tgt Ion:152 Resp: 217732

Ion	Ratio	Lower	Upper
152	100		
115	55.3	40.2	120.6
150	154.5	0.0	351.0

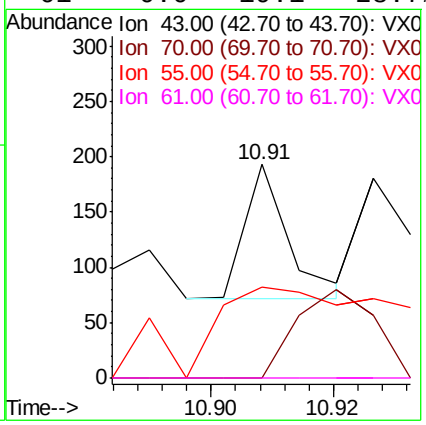


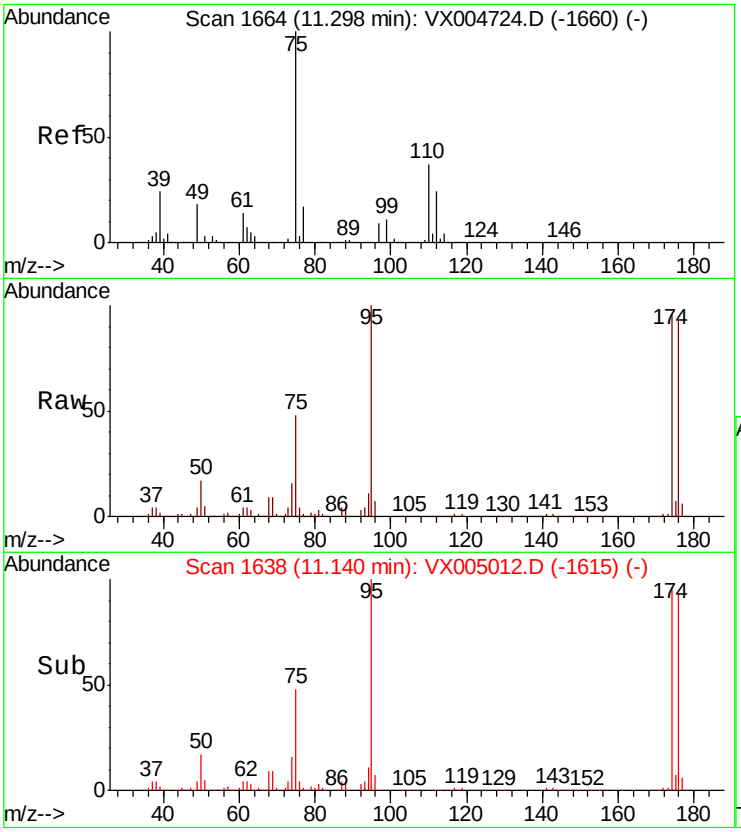


#74
N-amyl acetate
Concen: 1.755 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 43 Resp: 59

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	264.4	21.6	32.4#
61	0.0	19.1	28.7#



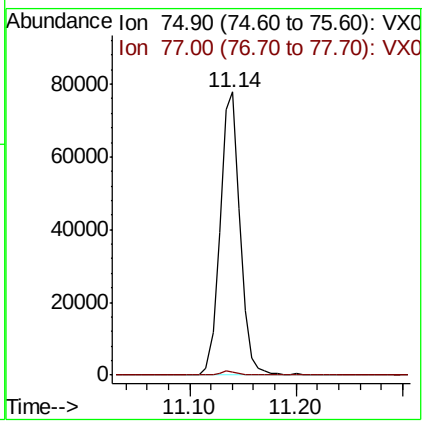


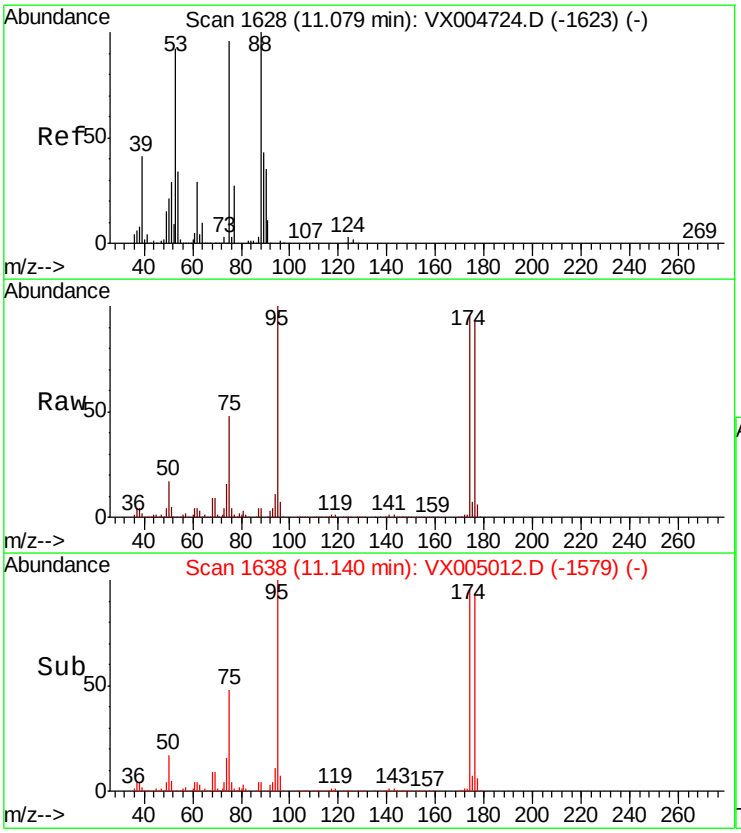
#76
1,2,3-Trichloropropane
Concen: 20.862 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tgt Ion: 75 Resp: 101810

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.3#

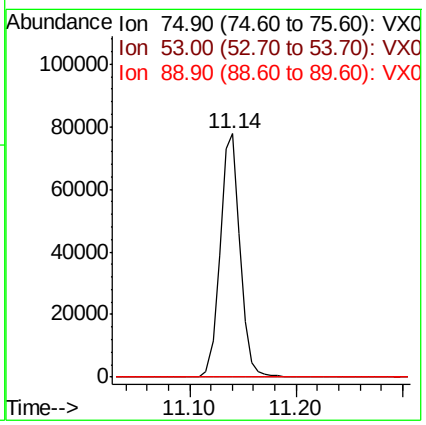


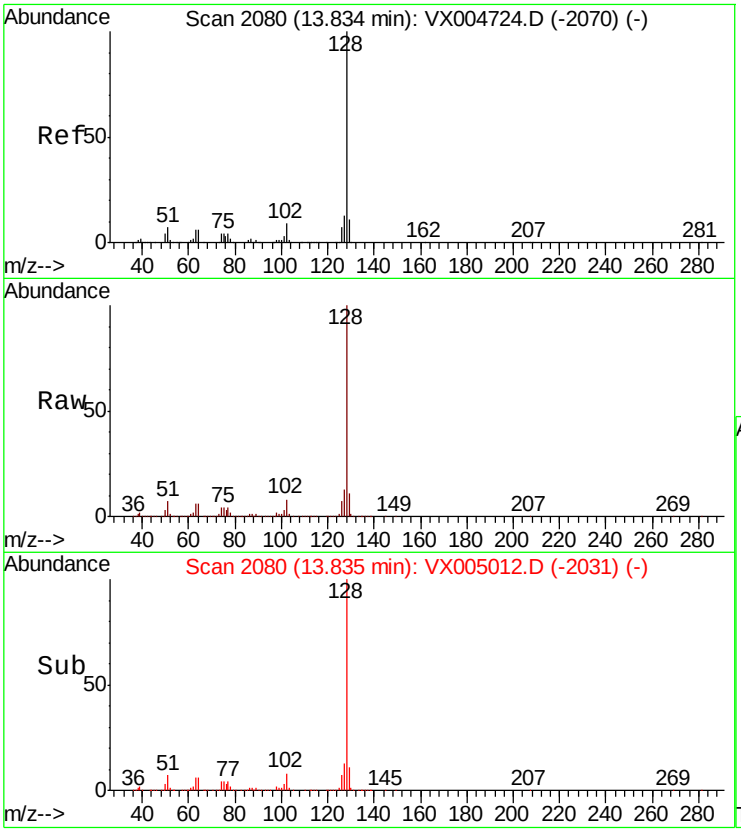


#81
trans-1,4-Dichloro-2-butene
Concen: 56.624 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Tgt Ion: 75 Resp: 101810

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 12.532 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005012.D
Acq: 04 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

Tgt Ion:128 Resp: 217065

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.7	13.1