Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX004981.D
Acq On : 03 Oct 2018 20:40
Operator : JC/MD
Sample : PB113446ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#07

Quant Time: Oct 04 01:26:57 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	273861	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	440323	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	430913	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247680	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	190651	48.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.46%				
35) Dibromofluoromethane	5.50	113	165448	44.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.66%				
50) Toluene-d8	8.72	98	631869	50.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.86%				
62) 4-Bromofluorobenzene	11.14	95	236367	52.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.78%				
Target Compounds							Qvalue
6) Chloroethane	1.71	64	239	Below Cal		#	45
8) Diethyl Ether	2.19	74	480	0.210	ug/l		63
11) Tert butyl alcohol	3.02	59	5406	4.942	ug/l	#	79
13) Acrolein	2.29	56	306	0.393	ug/l	#	32
16) Acetone	2.45	43	20772	9.095	ug/l		94
18) Methyl Acetate	2.78	43	13652	2.359	ug/l		99
20) Methylene Chloride	2.86	84	5413	0.804	ug/l	#	80
25) 2-Butanone	4.70	43	5762	1.712	ug/l		100
29) Tetrahydrofuran	5.17	42	2307	1.103	ug/l		97
36) 1,1-Dichloropropene	5.66	75	17747	3.486	ug/l	#	46
38) Carbon Tetrachloride	5.67	117	23292	4.352	ug/l	#	18
43) Isopropyl Acetate	6.46	43	254306	26.070	ug/l		96
48) Methyl methacrylate	7.69	41	9654	2.180	ug/l	#	25
51) 4-Methyl-2-Pentanone	8.62	43	3542	0.577	ug/l	#	37
52) Toluene	8.79	92	4386	0.501	ug/l		94
54) cis-1,3-Dichloropropene	8.62	75	1590	0.292	ug/l	#	69
56) Ethyl methacrylate	9.15	69	137	2.883	ug/l	#	20
58) 2-Chloroethyl Vinyl ether	8.45	63	20	14.248	ug/l	#	49
59) 2-Hexanone	9.54	43	17375	3.395	ug/l	#	50
67) Ethyl Benzene	10.26	91	5054	0.288	ug/l		96
68) m/p-Xylenes	10.36	106	10467	1.527	ug/l		98
69) o-Xylene	10.70	106	3715	0.590	ug/l		90
70) Styrene	10.71	104	595	2.189	ug/l	#	1
74) N-amyl acetate	10.92	43	117	1.761	ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	114216	20.574	ug/l	#	35
78) n-propylbenzene	11.36	91	3598	0.201	ug/l		94
80) 1,3,5-Trimethylbenzene	11.51	105	6996	0.292	ug/l		91
81) trans-1,4-Dichloro-2-buten	11.14	75	114216	55.871	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.80	105	17415	0.986	ug/l		98
85) sec-Butylbenzene	11.80	105	17415	1.112	ug/l	#	57
95) Naphthalene	13.83	128	6108	1.012	ug/l		97

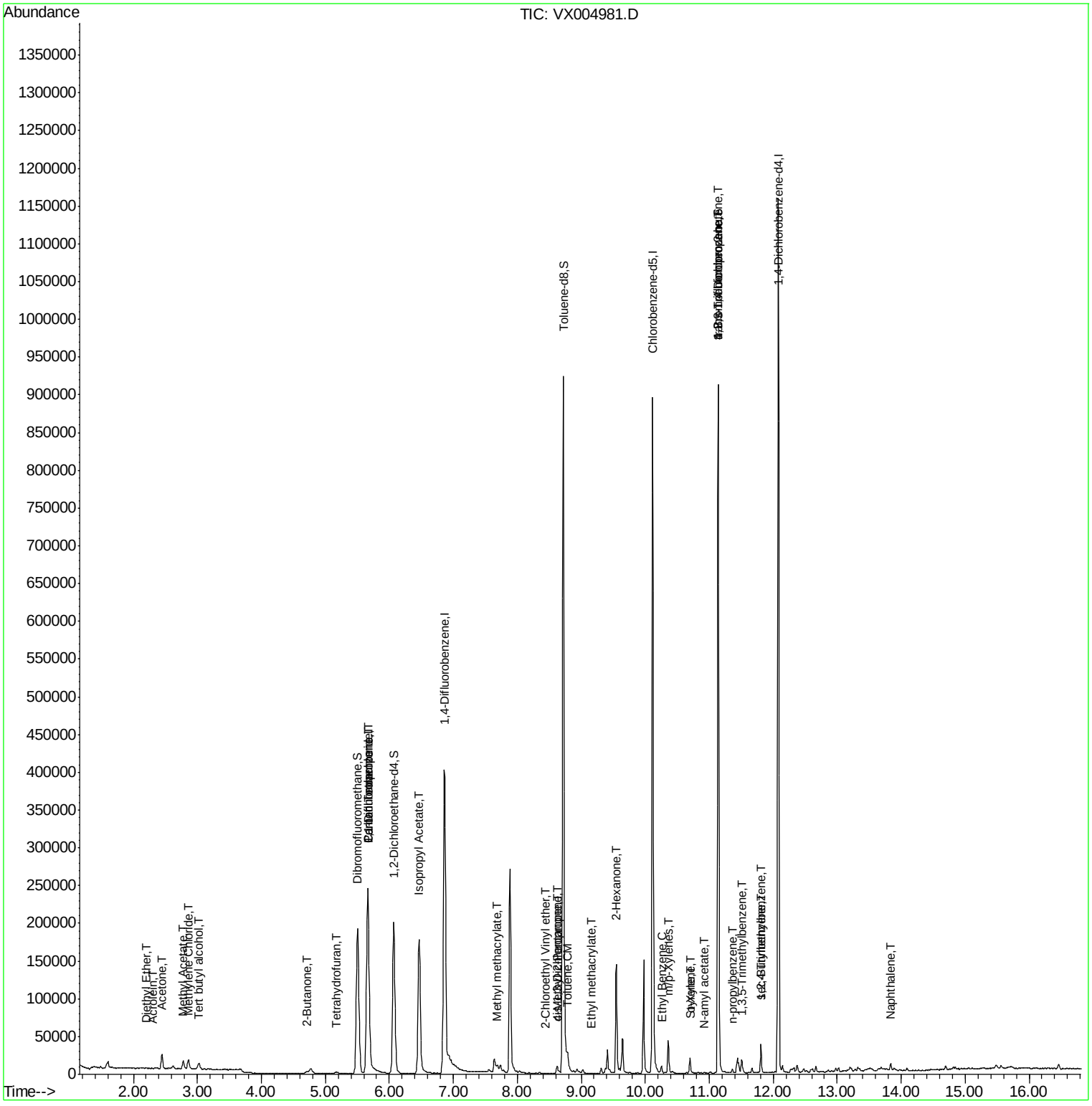
(#) = qualifier out of range (m) = manual integration (+) = signals summed

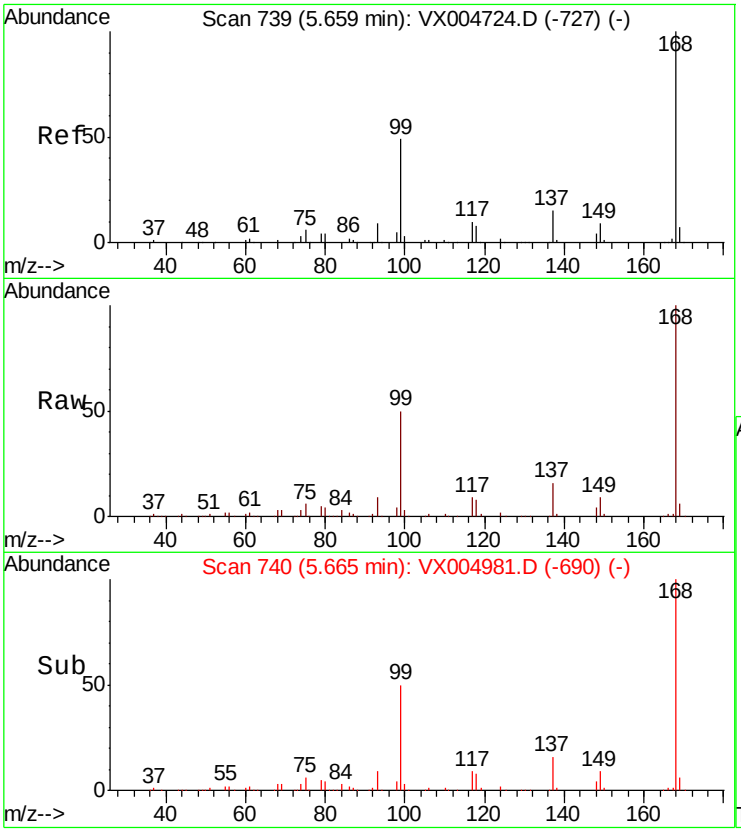
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX004981.D
Acq On : 03 Oct 2018 20:40
Operator : JC/MD
Sample : PB113446ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Quant Time: Oct 04 01:26:57 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



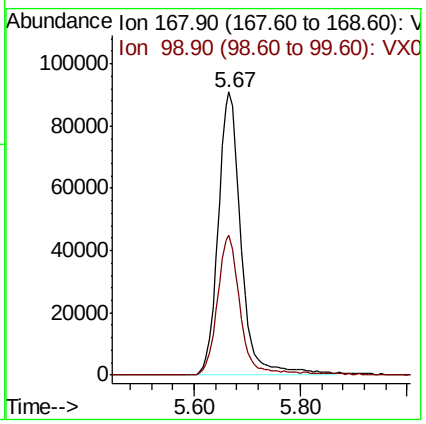


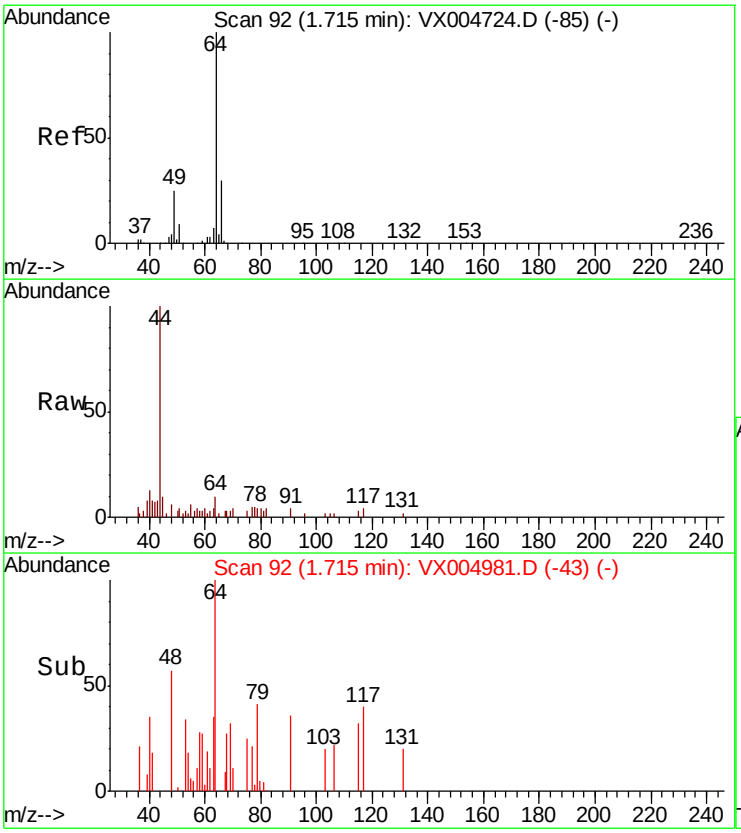
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion:168 Resp: 273861

Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.3	58.9

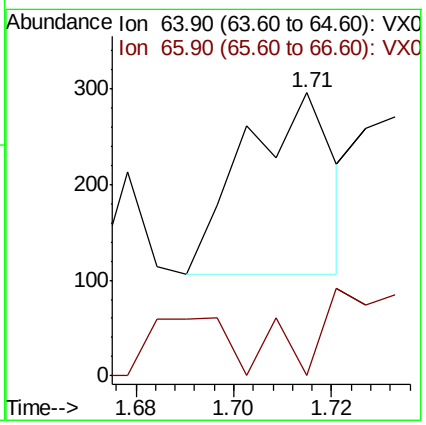


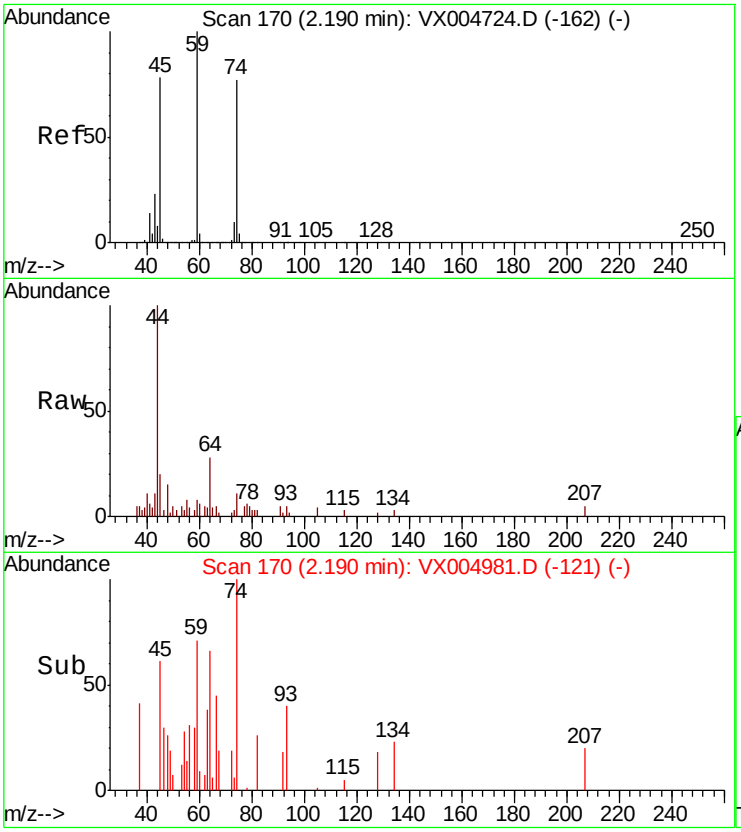


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 64 Resp: 239

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#



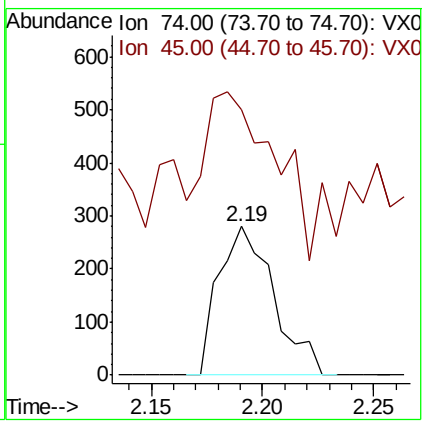


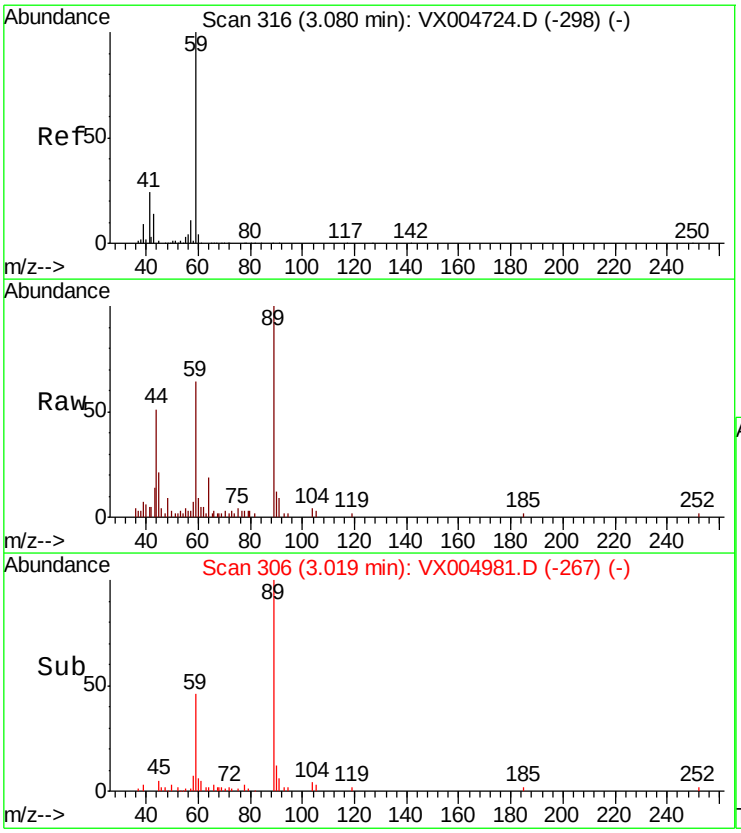
#8
Diethyl Ether
Concen: 0.210 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion: 74 Resp: 480

Ion	Ratio	Lower	Upper
74	100		
45	143.5	52.5	157.6

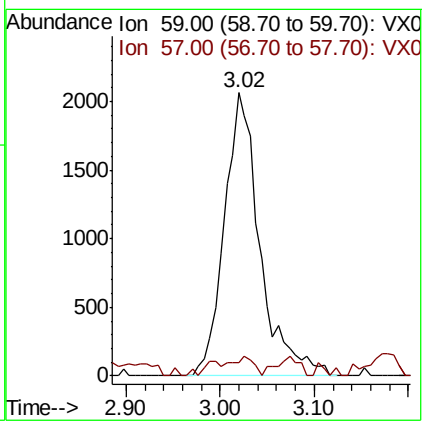


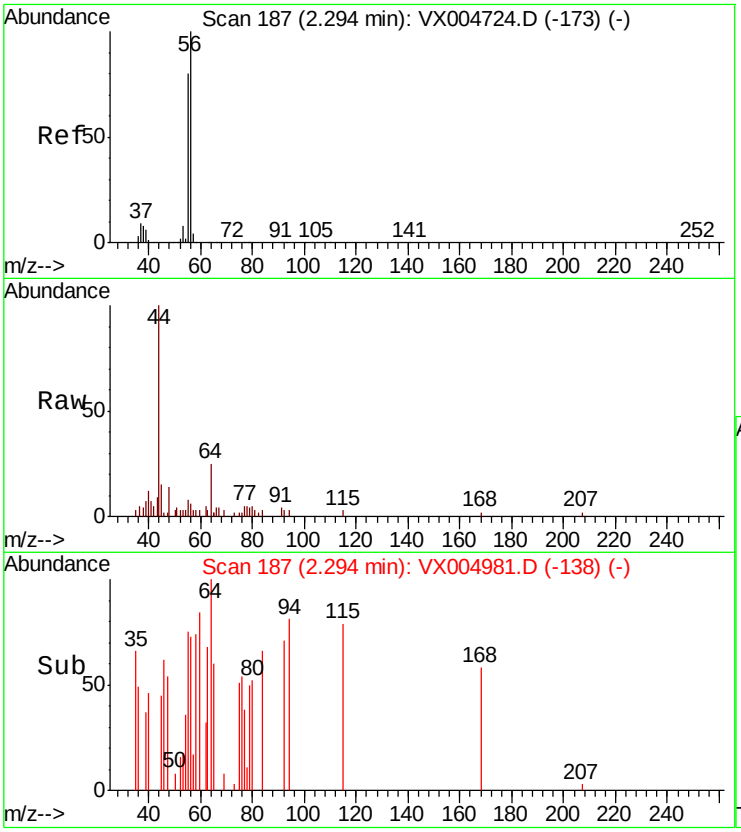


#11
Tert butyl alcohol
Concen: 4.942 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 59 Resp: 5406

Ion	Ratio	Lower	Upper
59	100		
57	2.9	8.6	12.8#



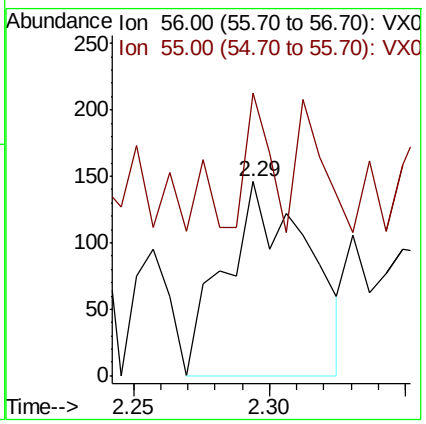


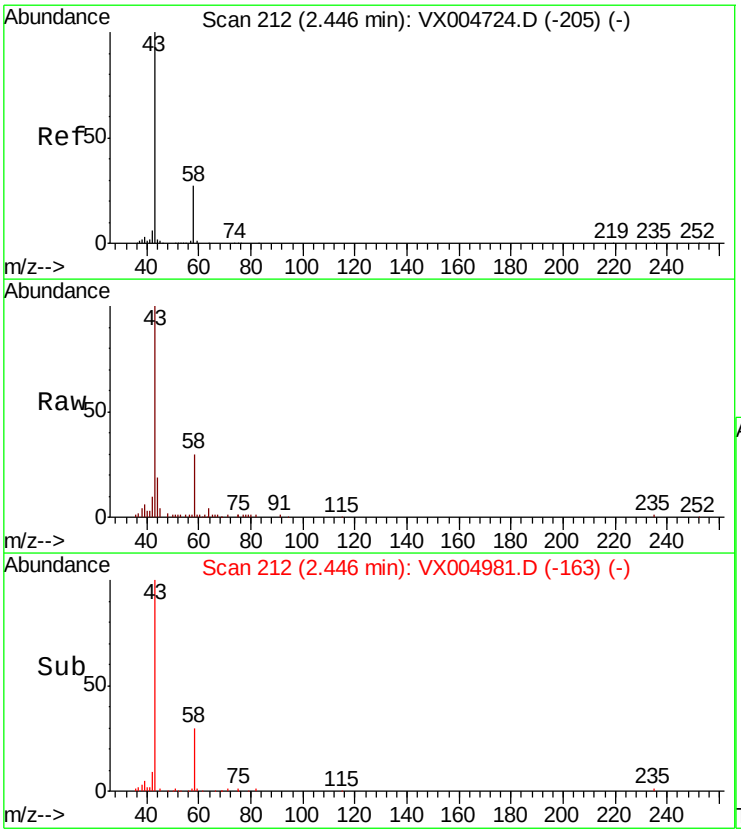
#13
Acrolein
Concen: 0.393 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion: 56 Resp: 306

Ion	Ratio	Lower	Upper
56	100		
55	19.6	63.4	95.2#

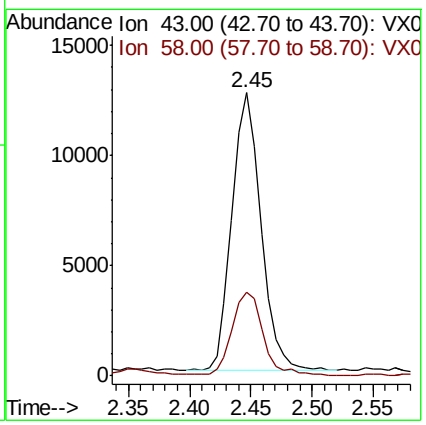


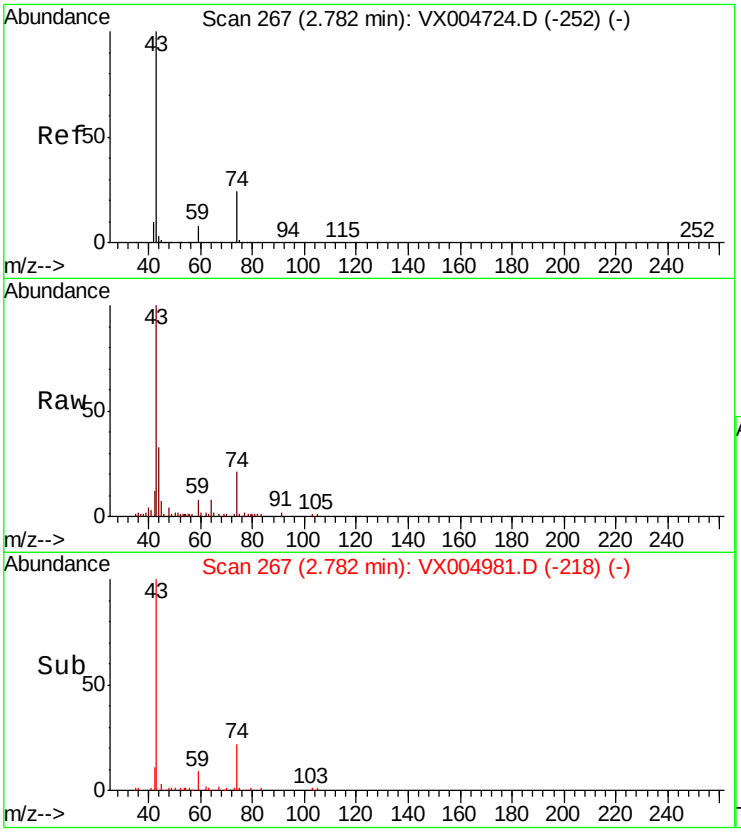


#16
Acetone
Concen: 9.095 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 43 Resp: 20772

Ion	Ratio	Lower	Upper
43	100		
58	30.3	21.8	32.6



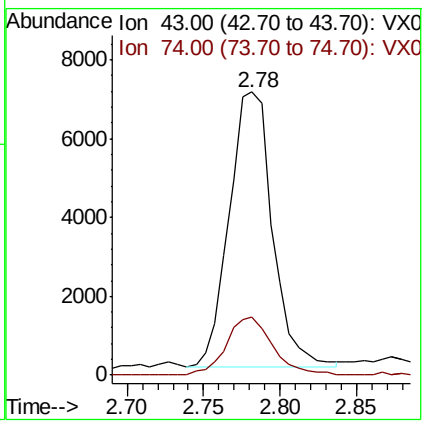


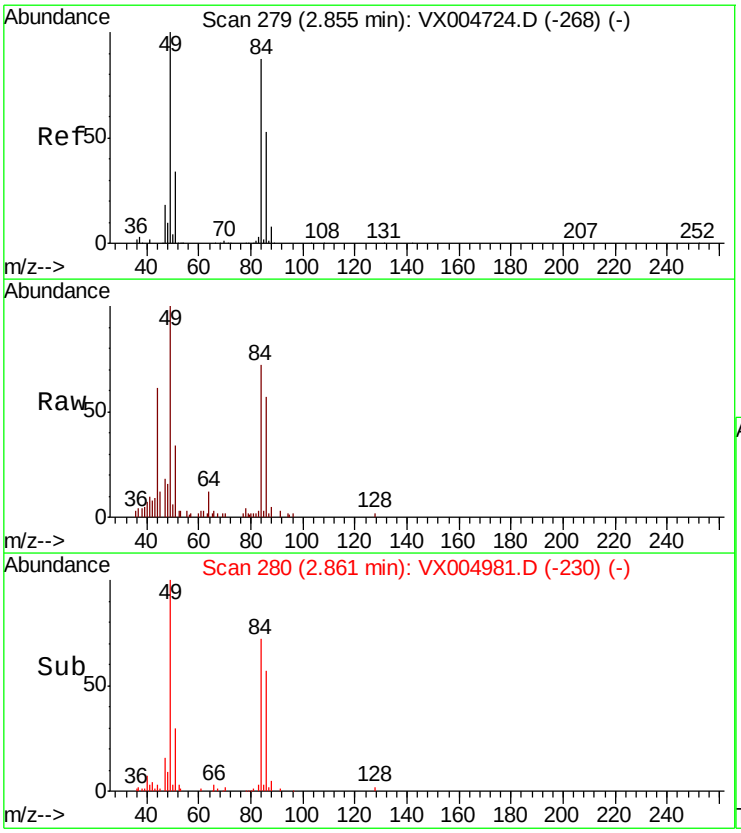
#18
Methyl Acetate
Concen: 2.359 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion: 43 Resp: 13652

Ion	Ratio	Lower	Upper
43	100		
74	22.6	17.8	26.8

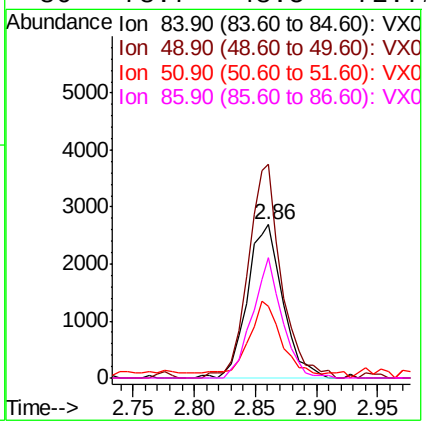


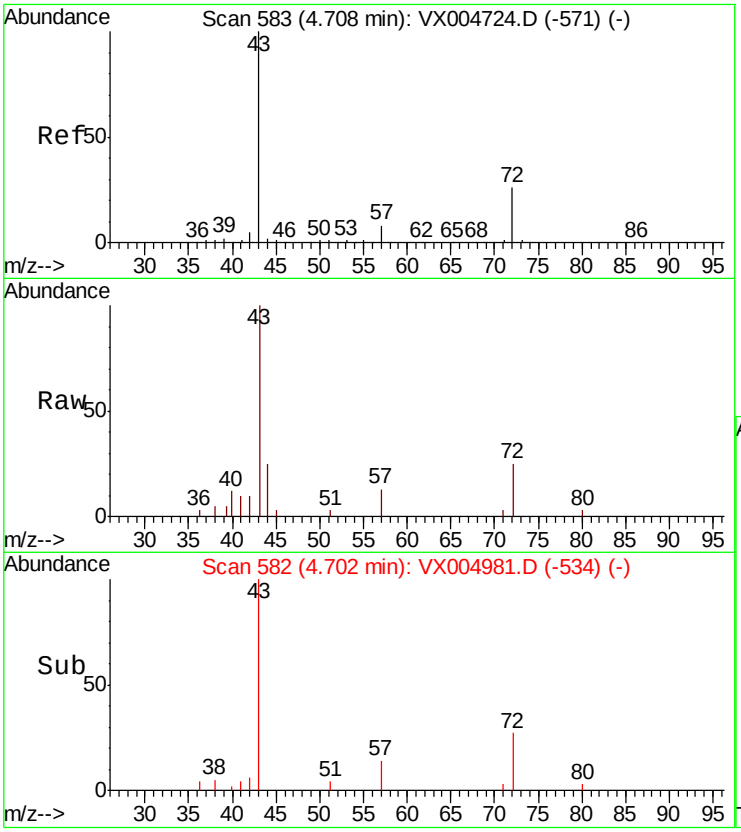


#20
Methylene Chloride
Concen: 0.804 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 84 Resp: 5413

Ion	Ratio	Lower	Upper
84	100		
49	139.1	92.3	138.5#
51	43.6	31.8	47.6
86	78.7	48.5	72.7#



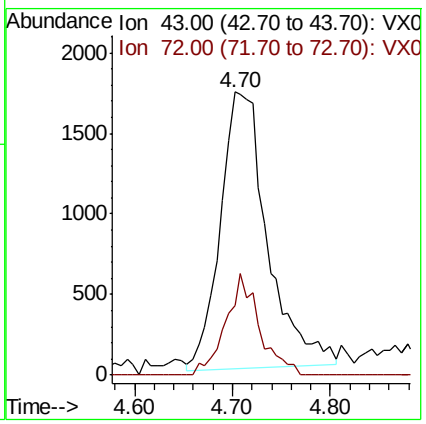


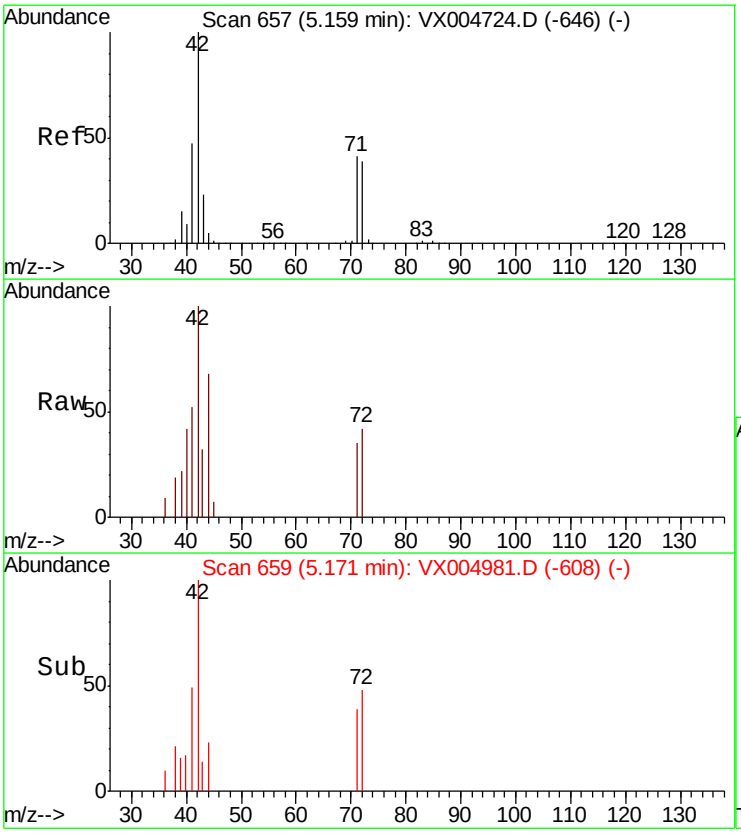
#25
2-Butanone
Concen: 1.712 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion: 43 Resp: 5762

Ion	Ratio	Lower	Upper
43	100		
72	25.8	20.8	31.2

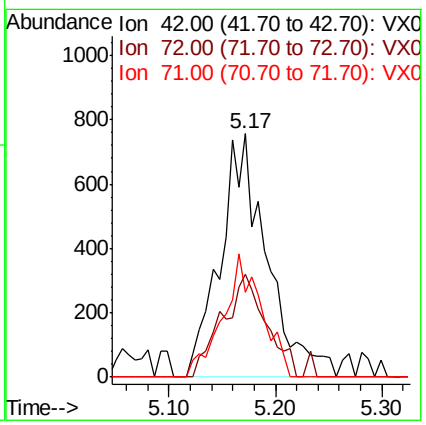


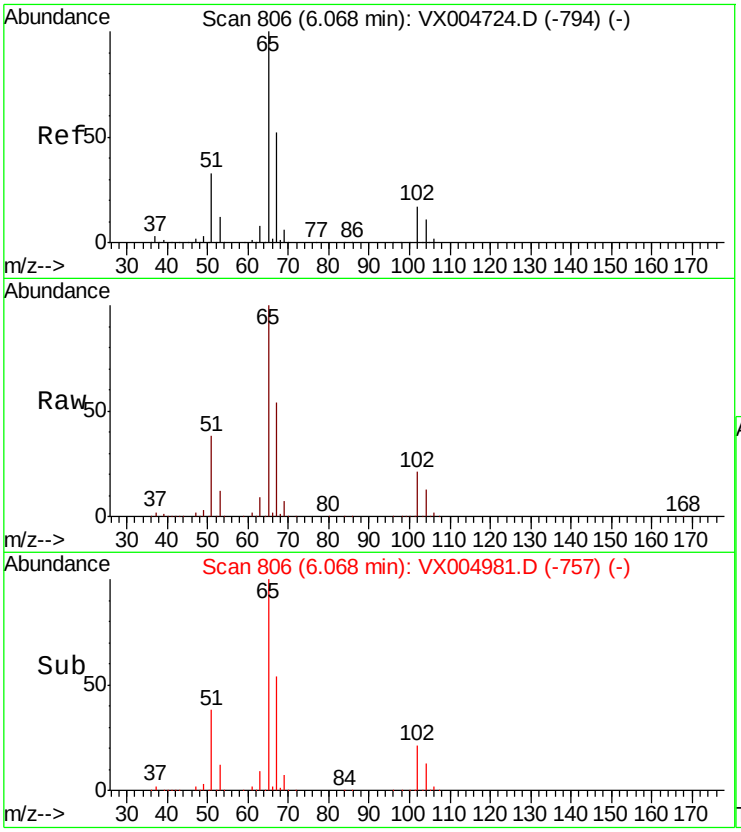


#29
Tetrahydrofuran
Concen: 1.103 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 42 Resp: 2307

Ion	Ratio	Lower	Upper
42	100		
72	40.0	33.7	50.5
71	41.7	32.2	48.4



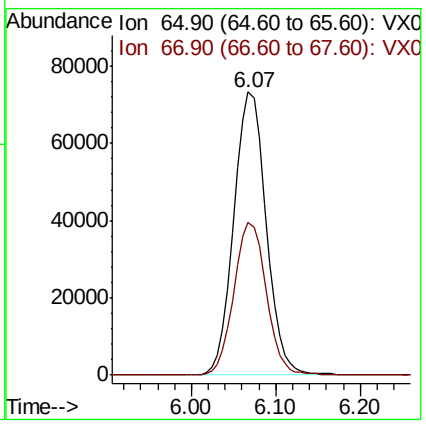


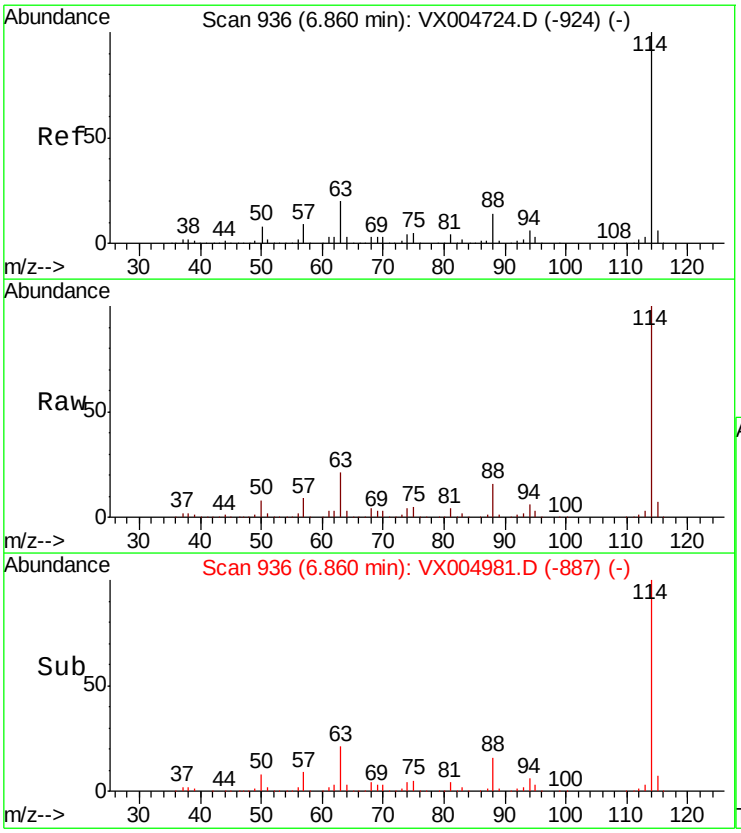
#33
1,2-Dichloroethane-d4
Concen: 48.734 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion: 65 Resp: 190651

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.4

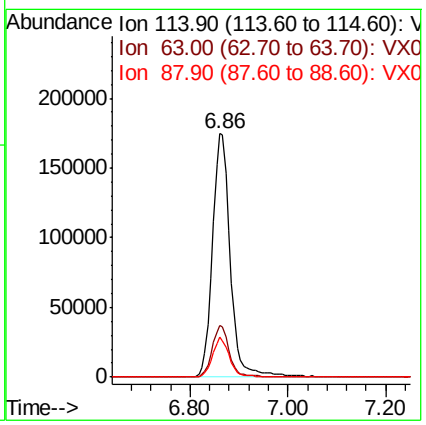


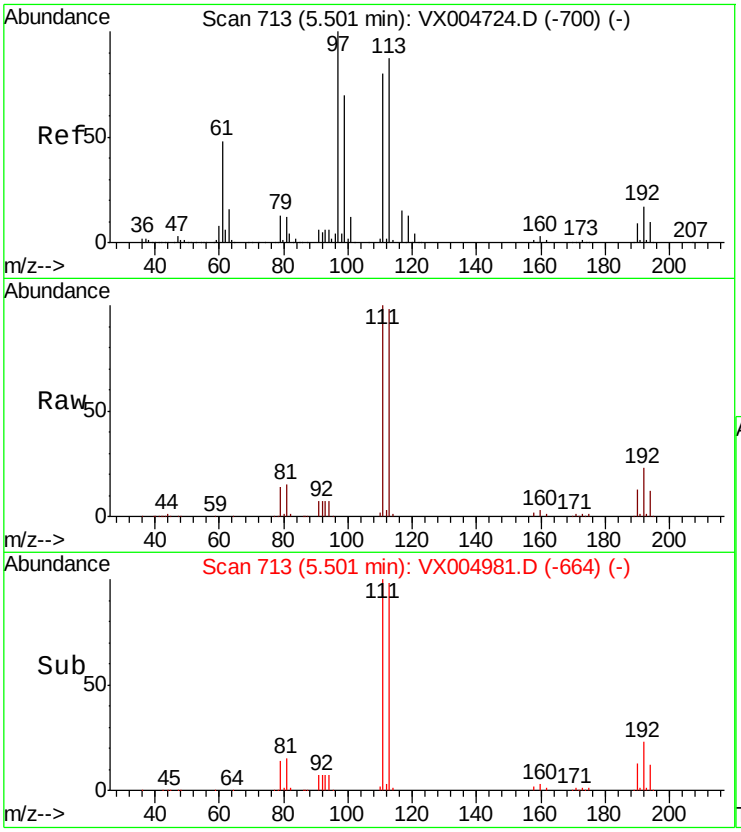


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion:114 Resp: 440323

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.8
88	16.5	0.0	27.0



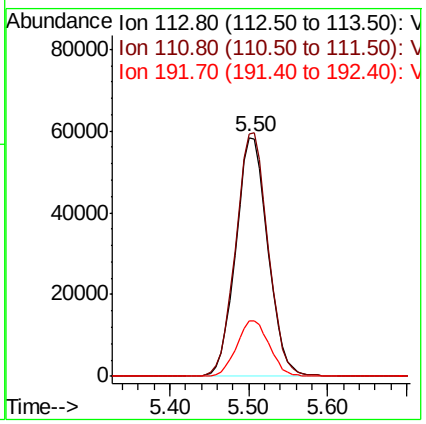


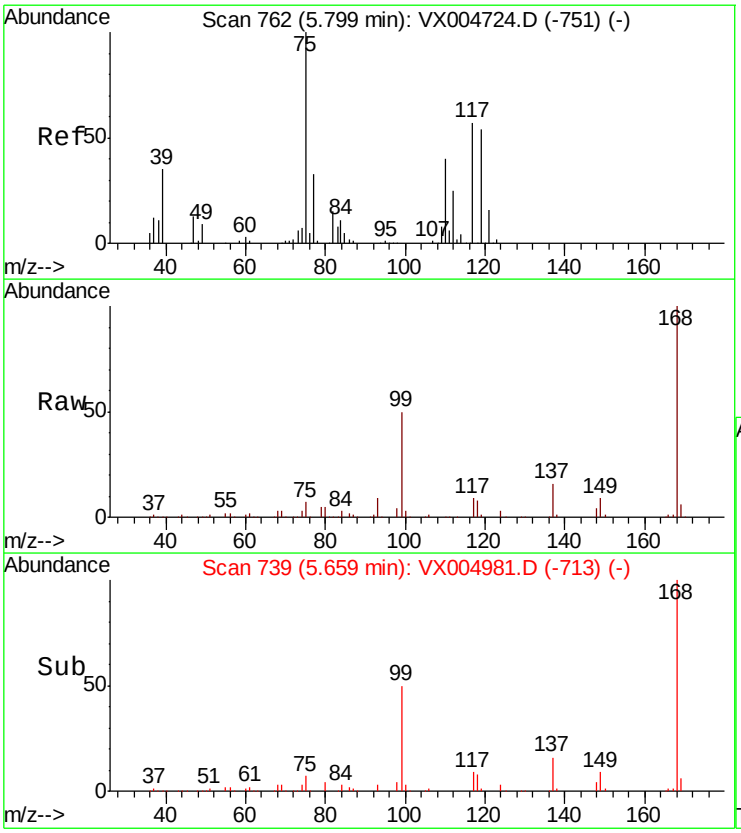
#35
Dibromofluoromethane
Concen: 44.335 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion:113 Resp: 165448

Ion	Ratio	Lower	Upper
113	100		
111	102.7	77.0	115.4
192	23.8	17.0	25.6

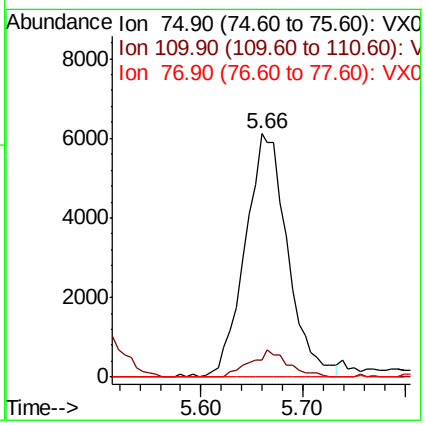


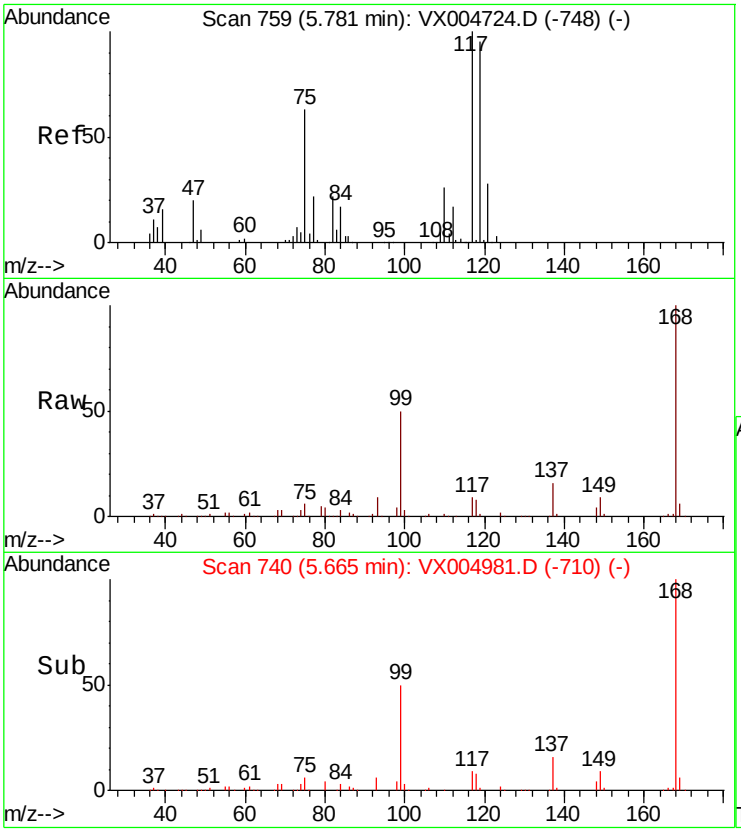


#36
1,1-Dichloropropene
Concen: 3.486 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 75 Resp: 17747

Ion	Ratio	Lower	Upper
75	100		
110	9.8	20.0	59.9#
77	0.0	27.1	40.7#



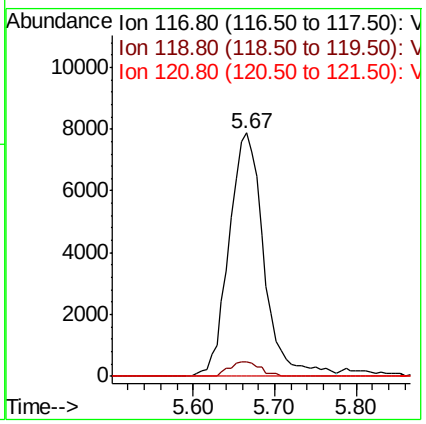


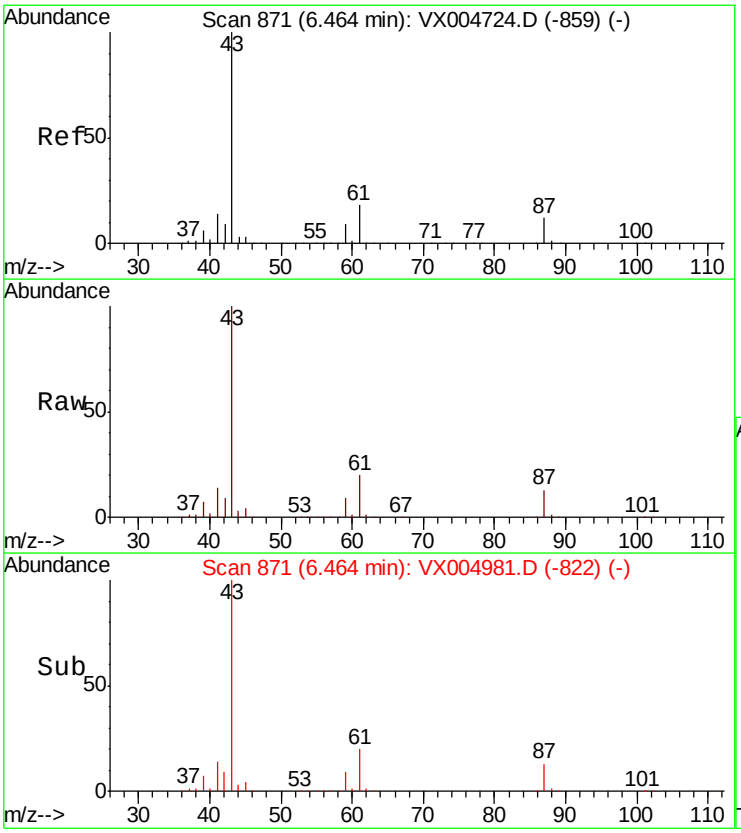
#38
Carbon Tetrachloride
Concen: 4.352 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#07

Tgt Ion:117 Resp: 23292

Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.2	112.8#
121	0.0	22.5	33.7#

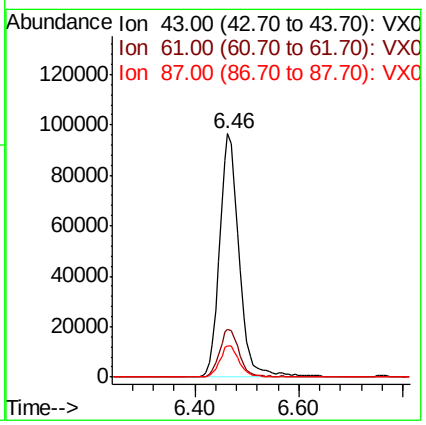


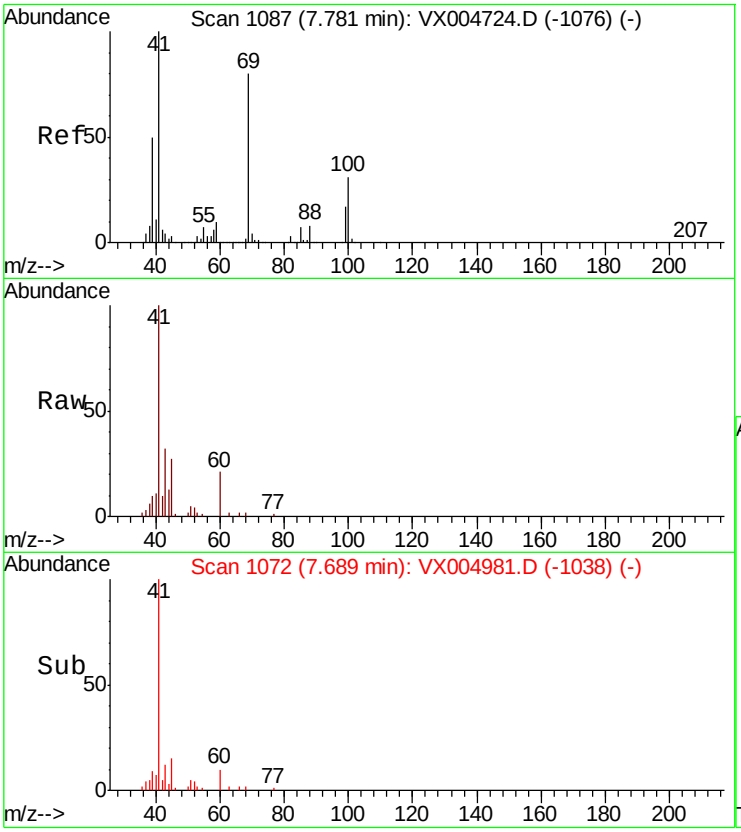


#43
Isopropyl Acetate
Concen: 26.070 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 43 Resp: 254306

Ion	Ratio	Lower	Upper
43	100		
61	19.8	14.2	21.4
87	12.9	9.3	13.9



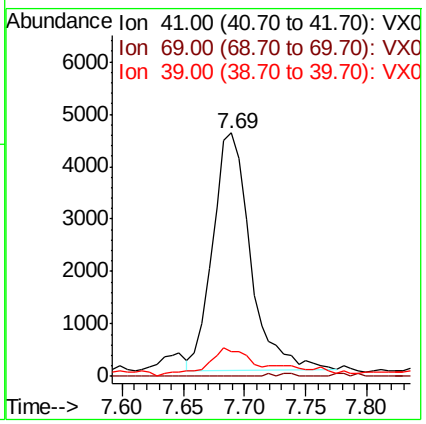


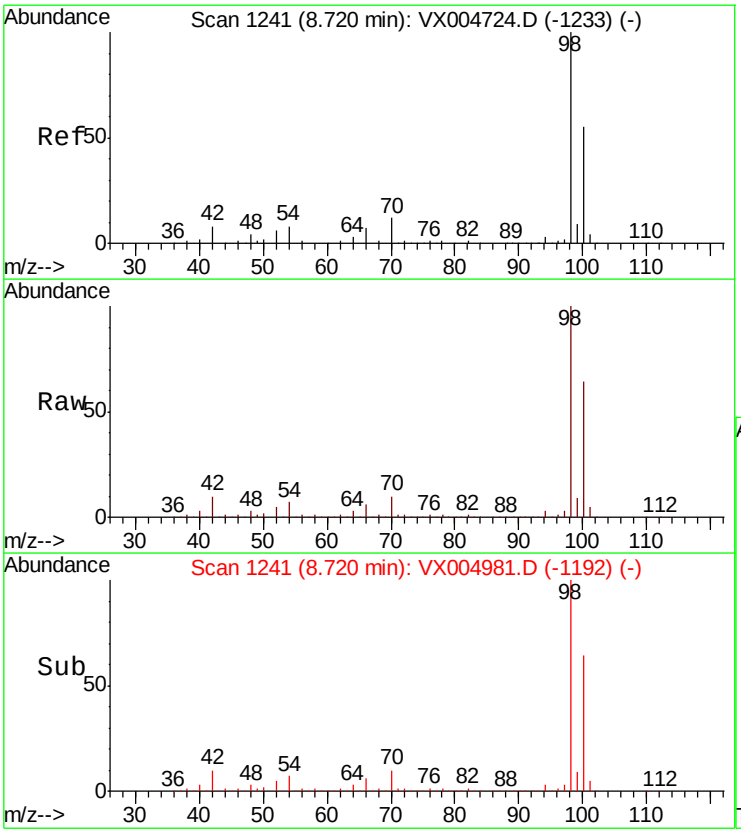
#48
Methyl methacrylate
Concen: 2.180 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#07

Tgt Ion: 41 Resp: 9654

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.8	95.6#
39	14.9	40.7	61.1#

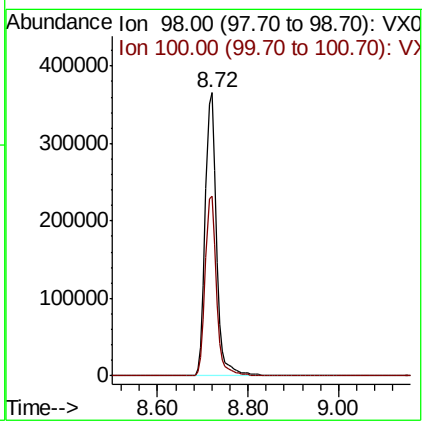


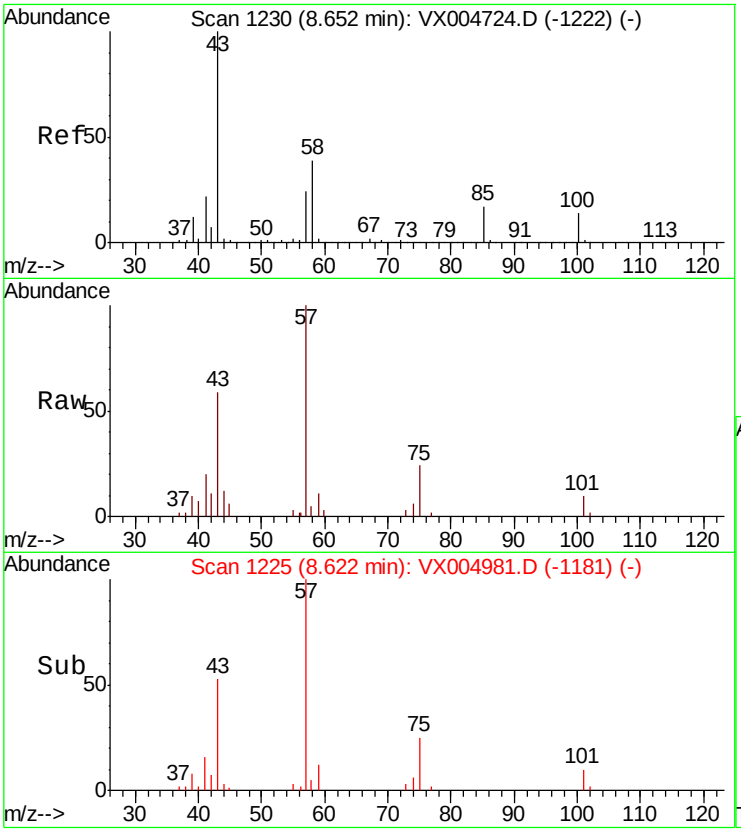


#50
Toluene-d8
Concen: 50.931 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 98 Resp: 631869

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.9	77.9



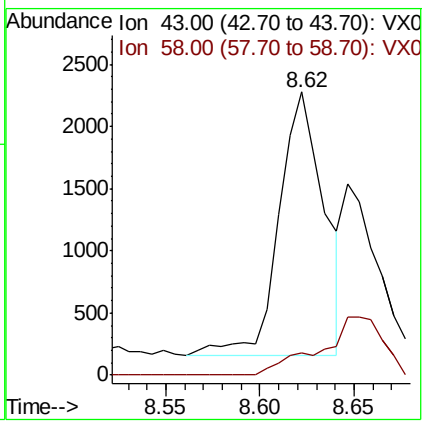


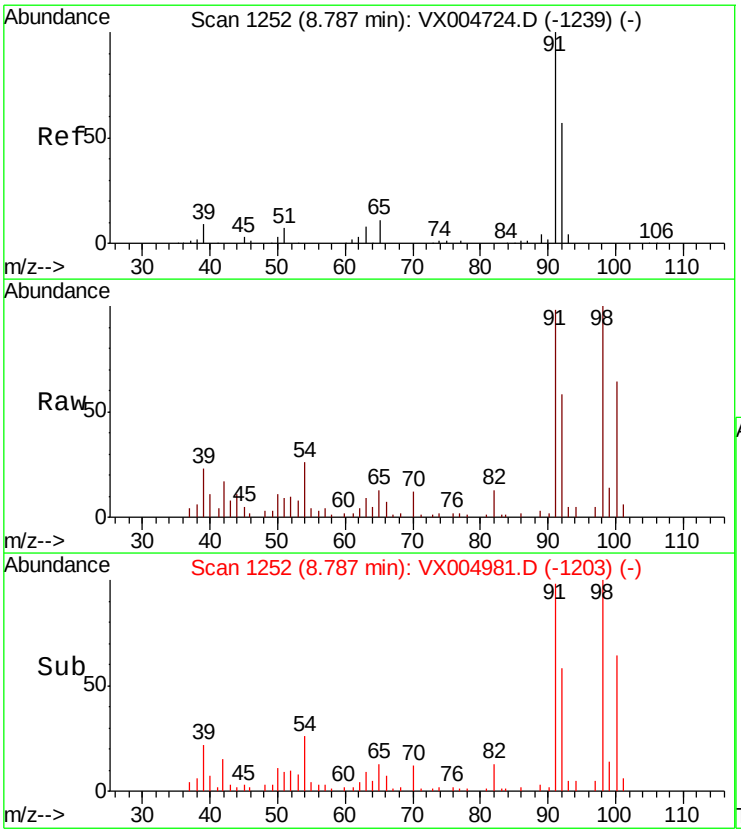
#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#07

Tgt Ion: 43 Resp: 3542

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.5	45.7#

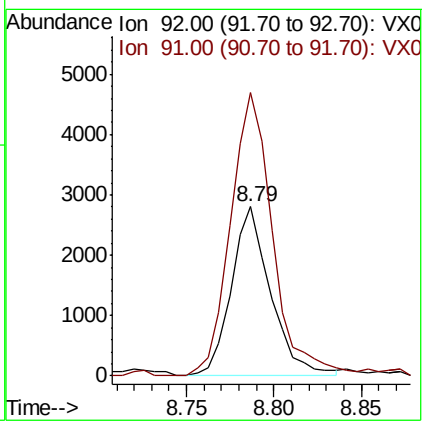


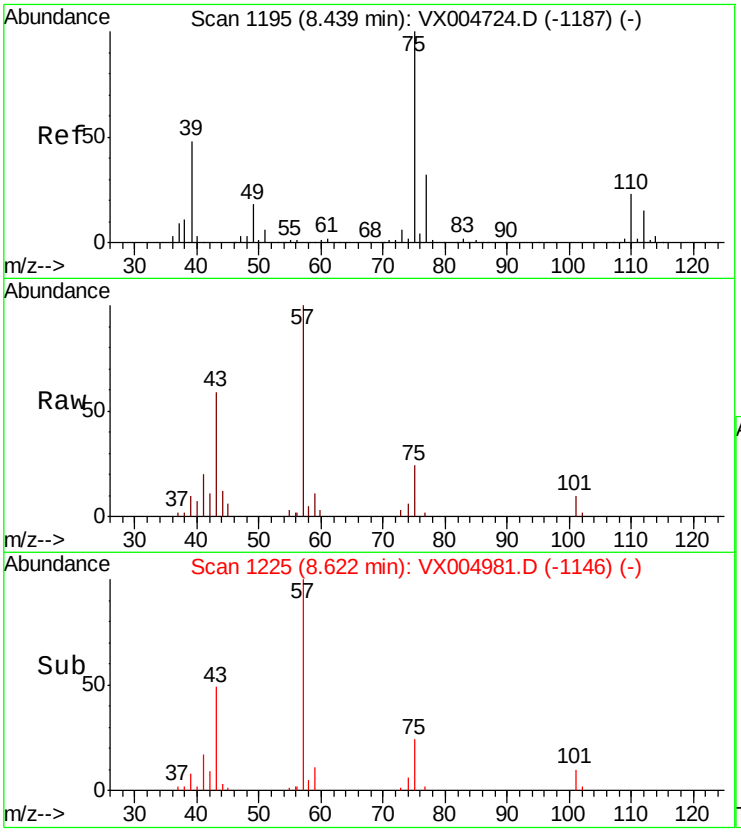


#52
Toluene
Concen: 0.501 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 92 Resp: 4386

Ion	Ratio	Lower	Upper
92	100		
91	179.3	136.7	205.1



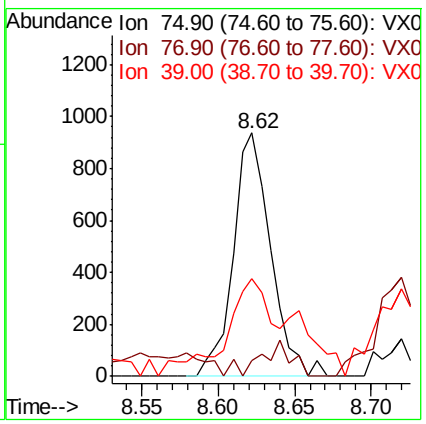


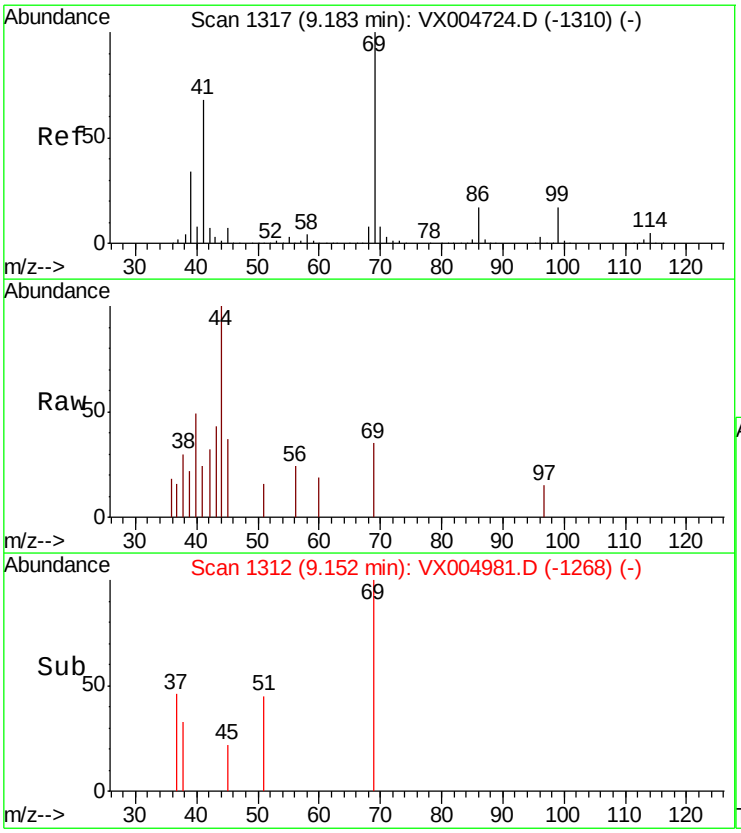
#54
cis-1,3-Dichloropropene
Concen: 0.292 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#07

Tgt Ion: 75 Resp: 1590

Ion	Ratio	Lower	Upper
75	100		
77	6.3	25.7	38.5#
39	34.3	38.3	57.5#

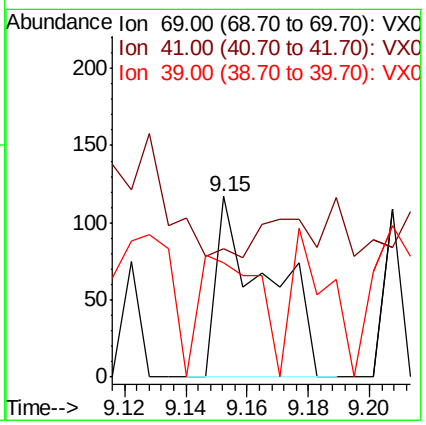


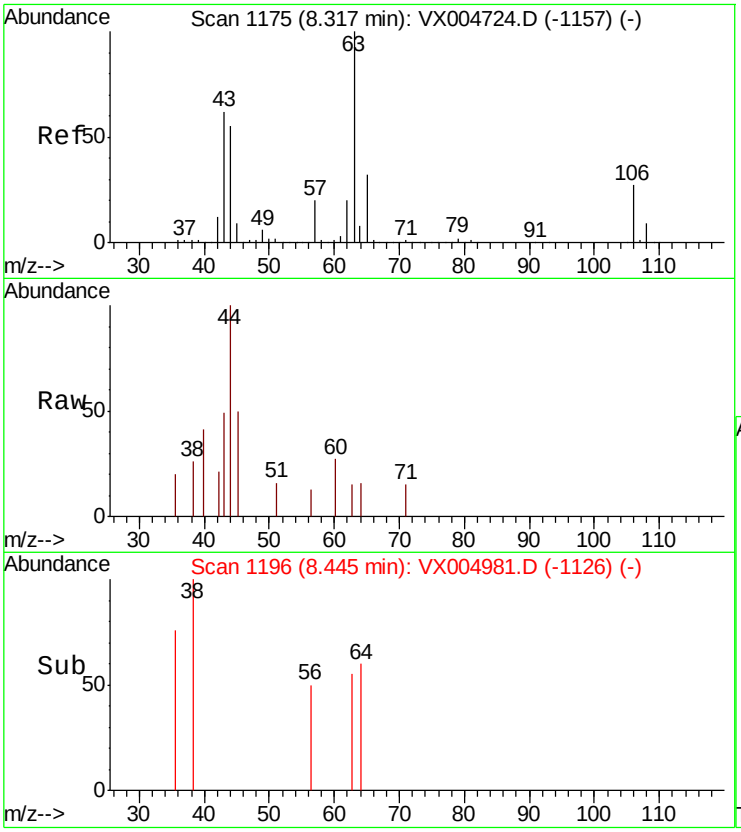


#56
Ethyl methacrylate
Concen: 2.883 ug/l
RT: 9.15 min Scan# 1312
Delta R.T. -0.03 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 69 Resp: 137

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.9	85.3#
39	75.9	28.4	42.6#



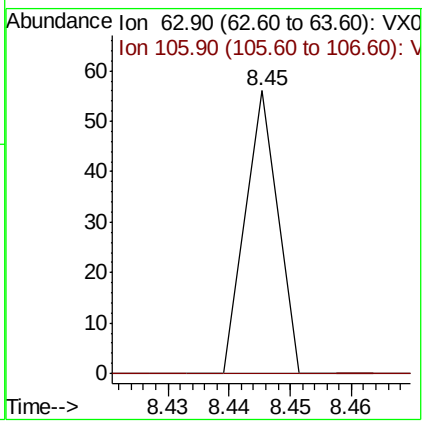


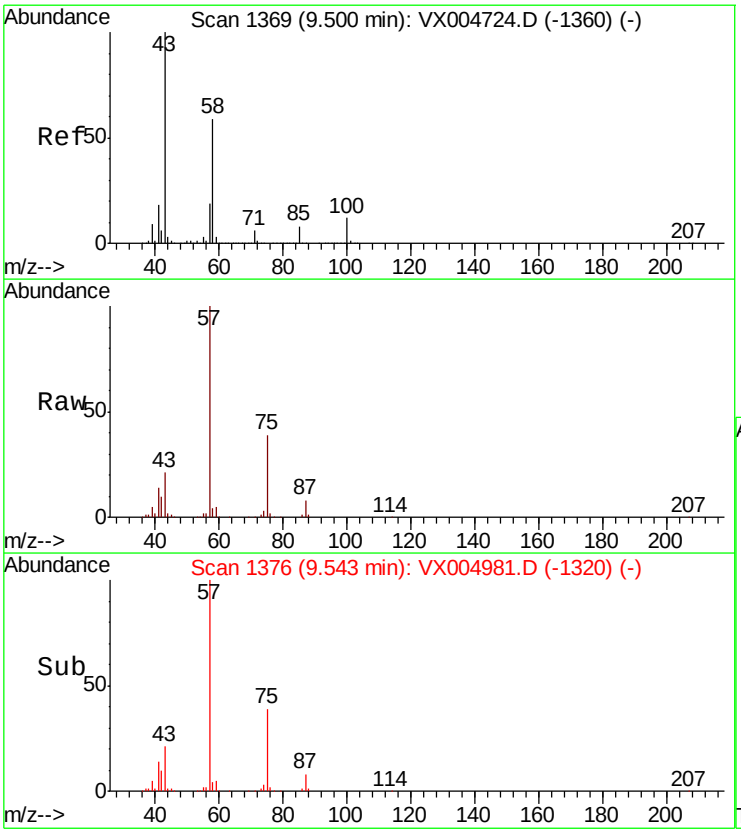
#58
2-Chloroethyl Vinyl ether
Concen: 14.248 ug/l
RT: 8.45 min Scan# 1196
Delta R.T. 0.13 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

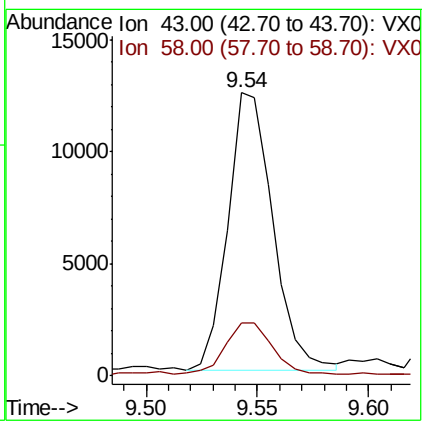


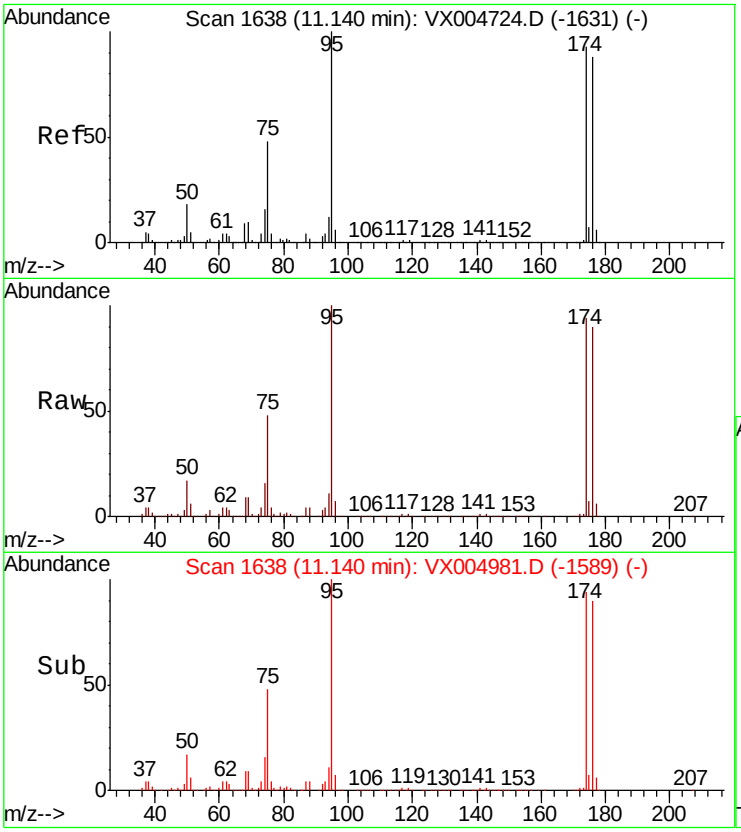


#59
2-Hexanone
Concen: 3.395 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 43 Resp: 17375

Ion	Ratio	Lower	Upper
43	100		
58	19.9	28.4	85.3#



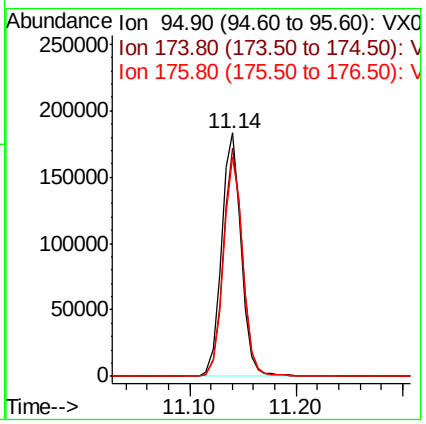


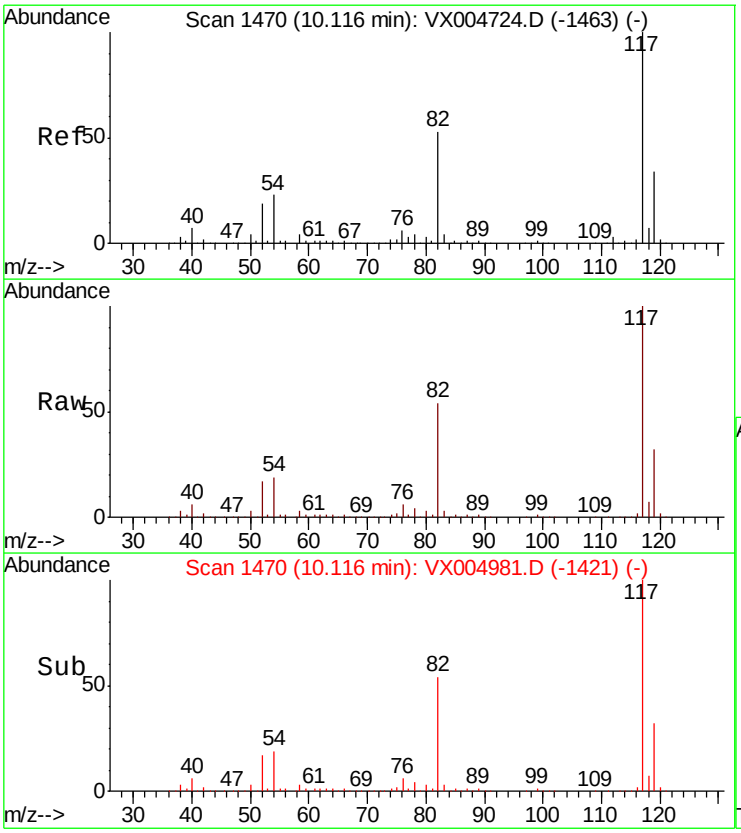
#62
4-Bromofluorobenzene
Concen: 52.885 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion: 95 Resp: 236367

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	185.0
176	88.8	0.0	180.2

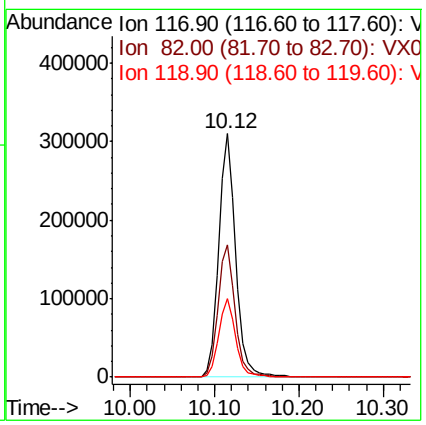


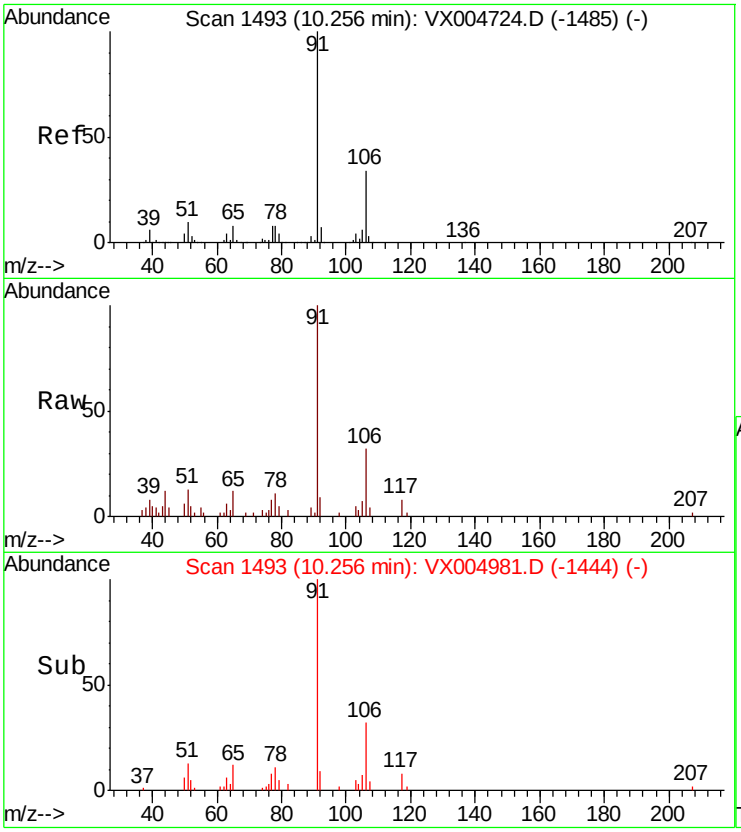


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion:117 Resp: 430913

Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.2	63.4
119	32.1	27.4	41.0



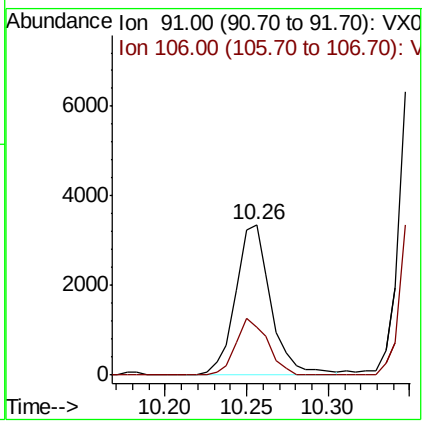


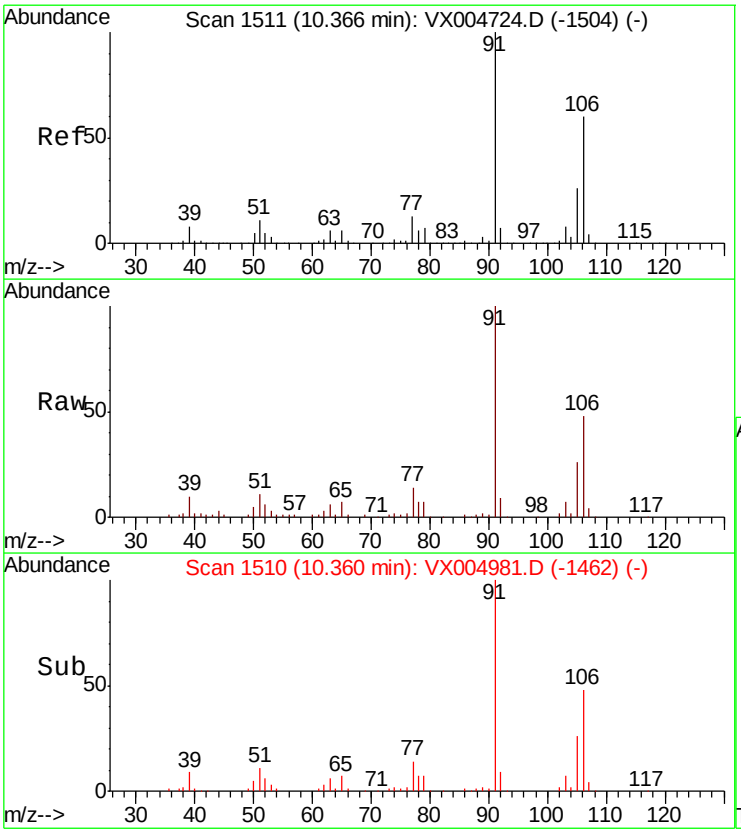
#67
Ethyl Benzene
Concen: 0.288 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#07

Tgt Ion: 91 Resp: 5054

Ion	Ratio	Lower	Upper
91	100		
106	31.5	26.9	40.3

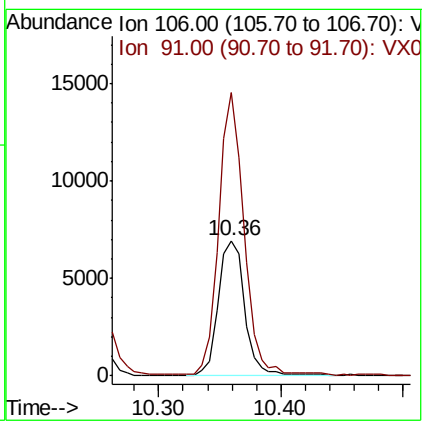


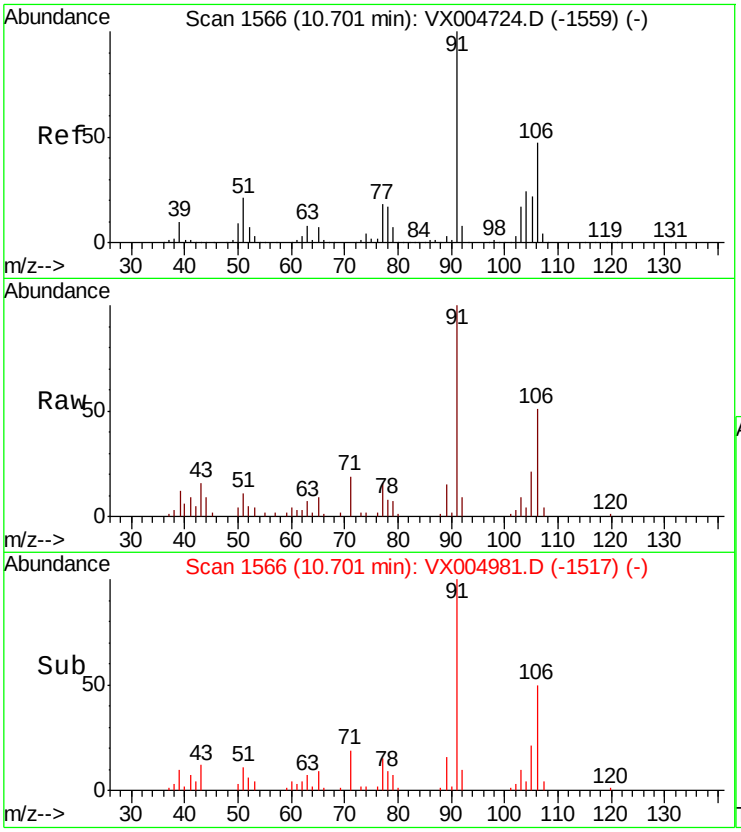


#68
m/p-Xylenes
Concen: 1.527 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion:106 Resp: 10467

Ion	Ratio	Lower	Upper
106	100		
91	199.3	157.5	236.3



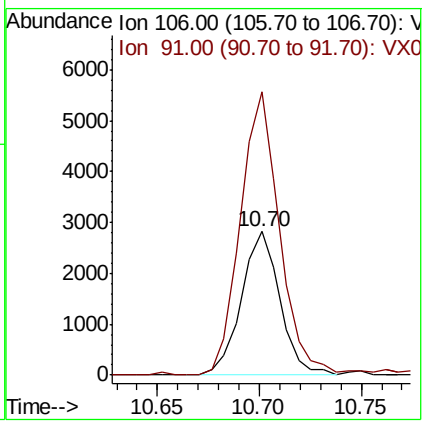


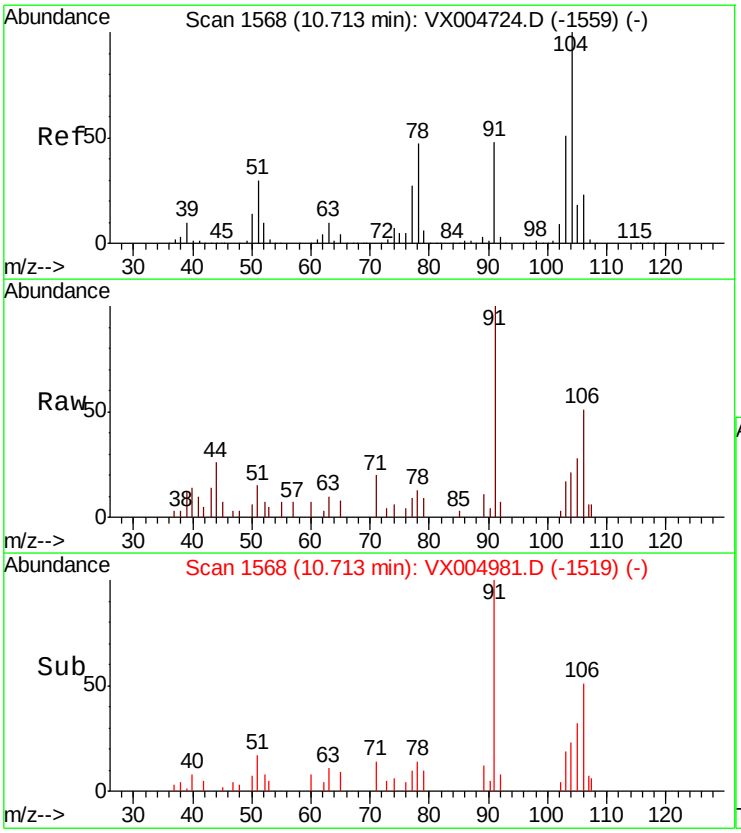
#69
o-Xylene
Concen: 0.590 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion:106 Resp: 3715

Ion	Ratio	Lower	Upper
106	100		
91	201.1	108.3	324.8

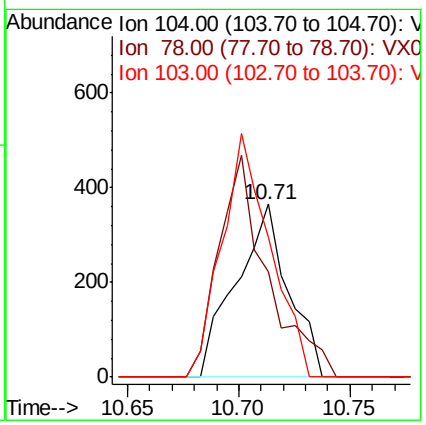


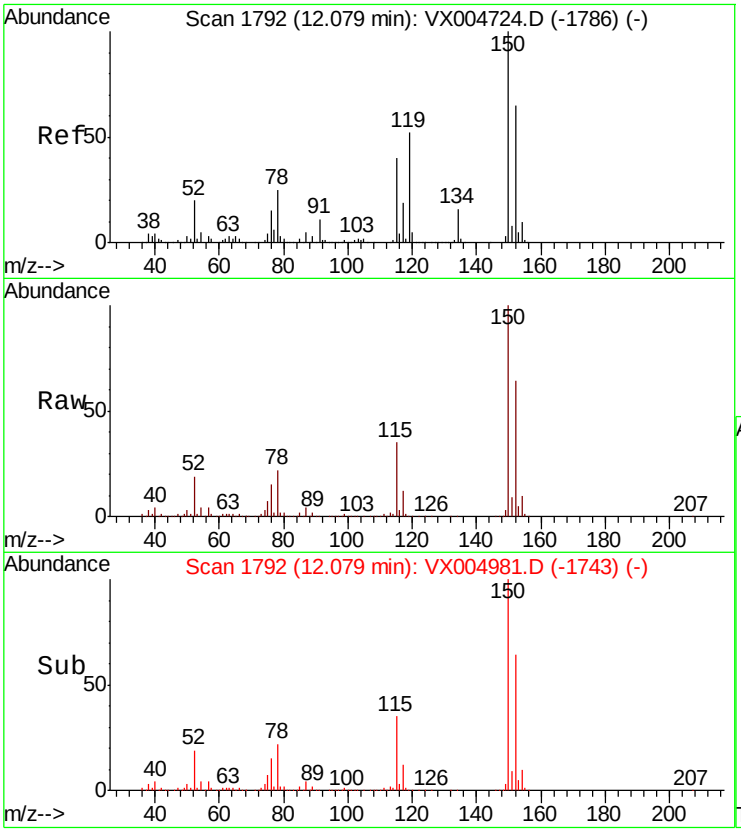


#70
Styrene
Concen: 2.189 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion:104 Resp: 595

Ion	Ratio	Lower	Upper
104	100		
78	119.5	40.0	60.0#
103	130.1	44.3	66.5#



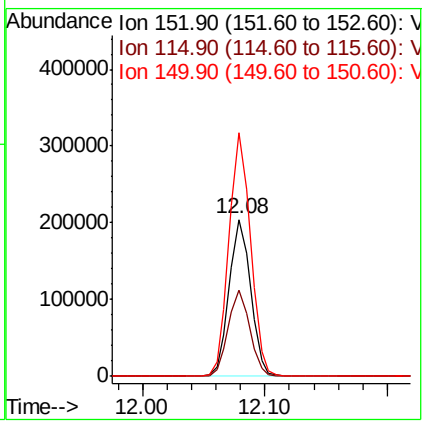


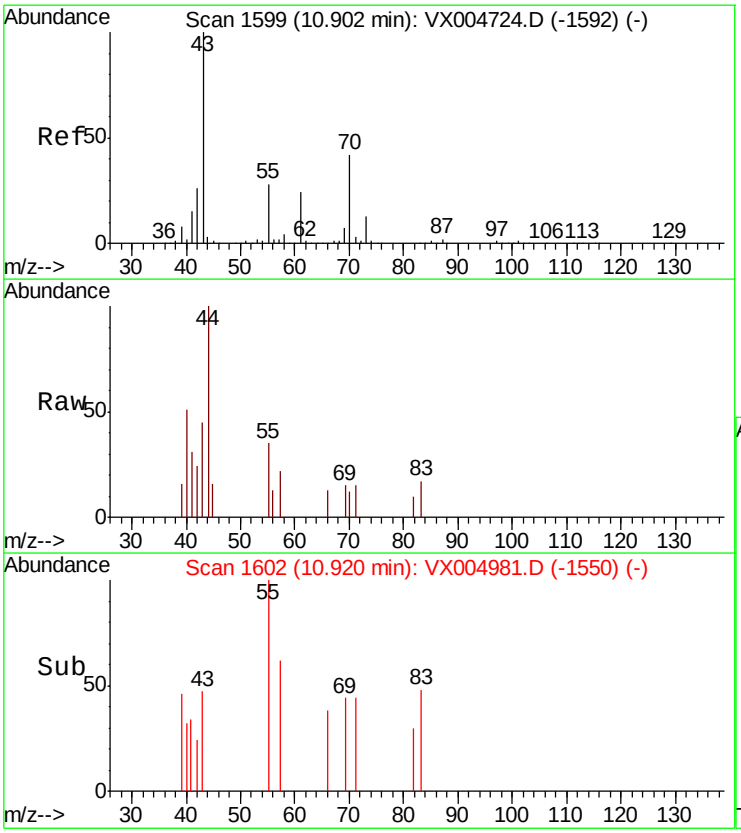
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#07

Tgt Ion:152 Resp: 247680

Ion	Ratio	Lower	Upper
152	100		
115	54.8	40.2	120.6
150	155.3	0.0	351.0

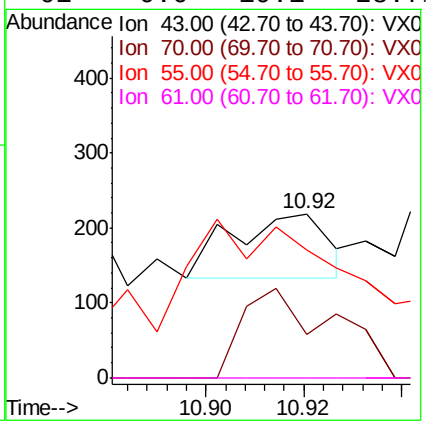


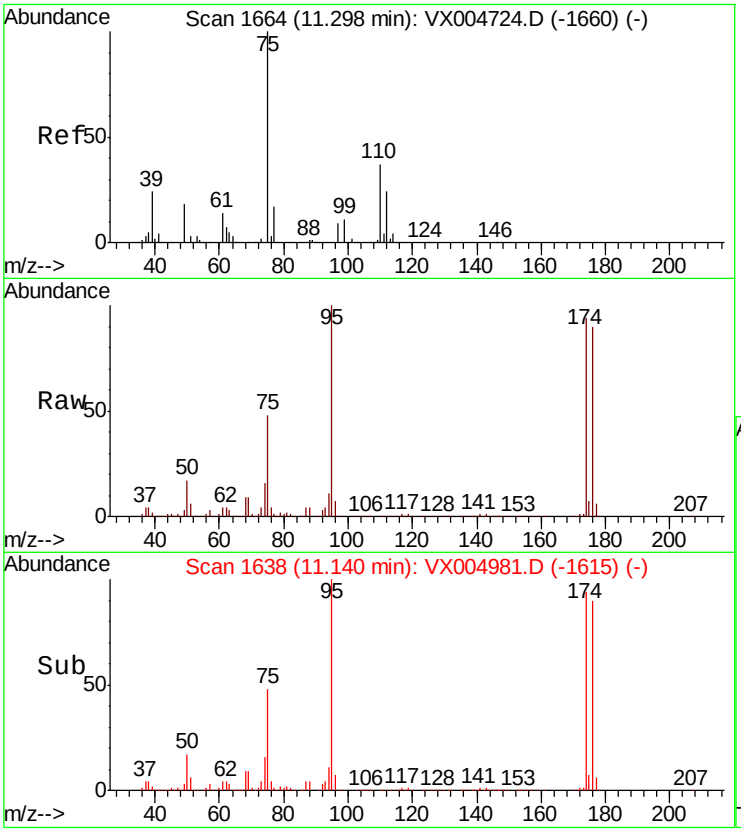


#74
N-amyl acetate
Concen: 1.761 ug/l
RT: 10.92 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 43 Resp: 117

Ion	Ratio	Lower	Upper
43	100		
70	131.6	32.6	48.8#
55	295.7	21.6	32.4#
61	0.0	19.1	28.7#



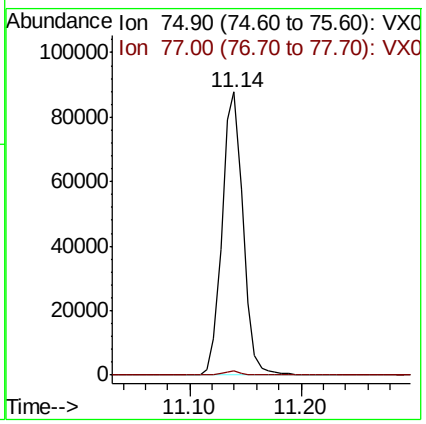


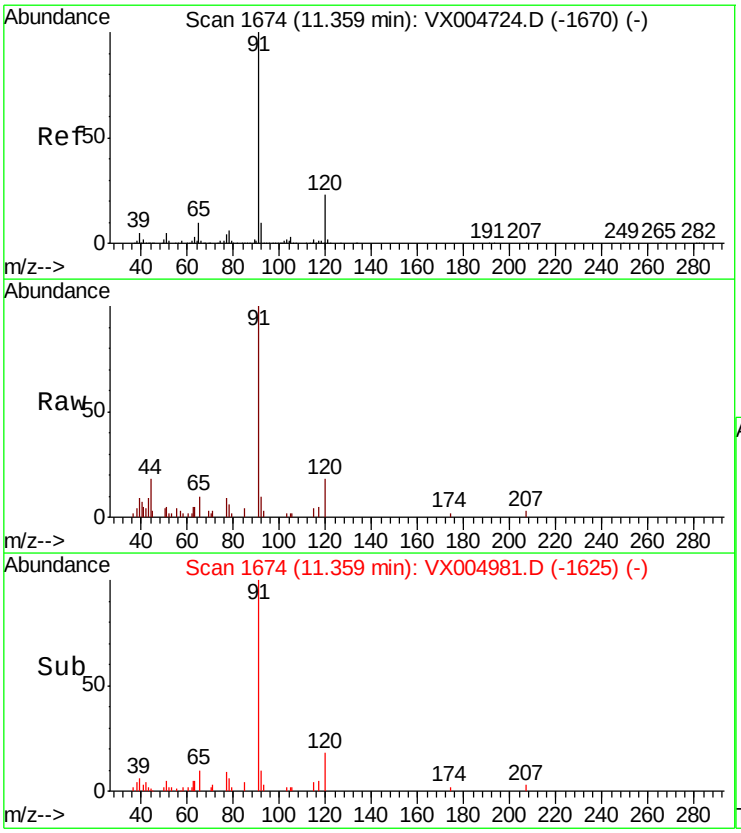
#76
1,2,3-Trichloropropane
Concen: 20.574 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion: 75 Resp: 114216

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#

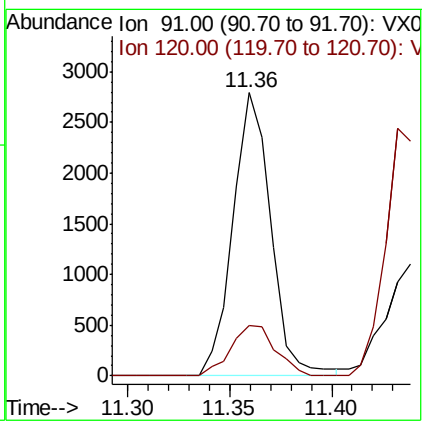


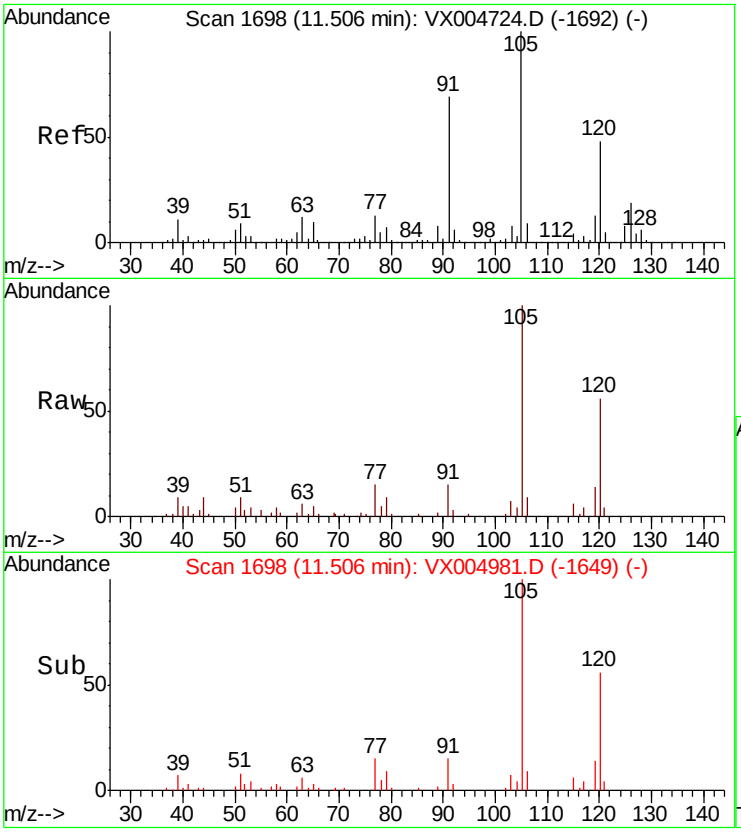


#78
n-propylbenzene
Concen: 0.201 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 91 Resp: 3598

Ion	Ratio	Lower	Upper
91	100		
120	21.3	12.0	36.0



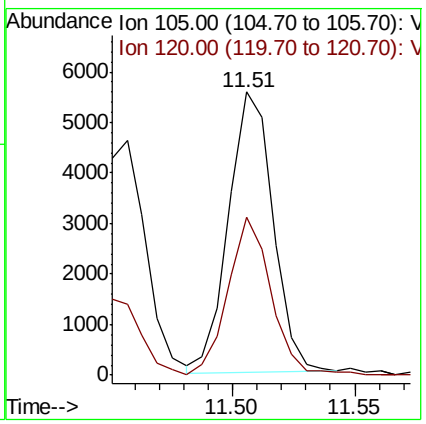


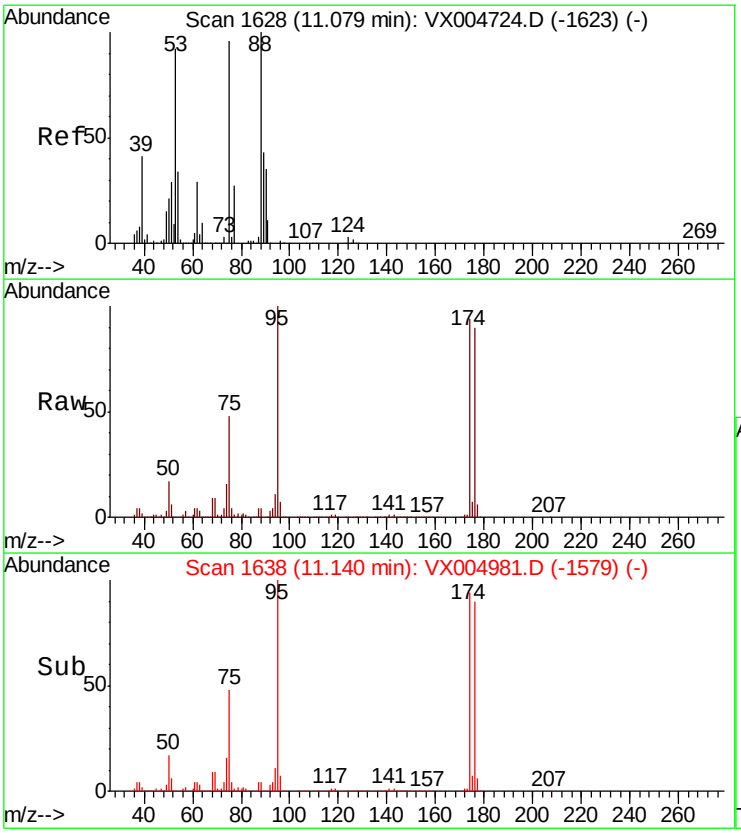
#80
1,3,5-Trimethylbenzene
Concen: 0.292 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion:105 Resp: 6996

Ion	Ratio	Lower	Upper
105	100		
120	54.6	24.3	72.8

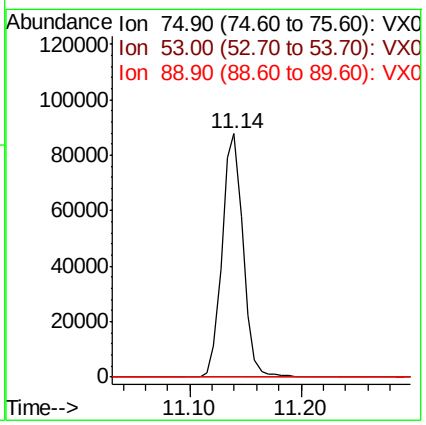


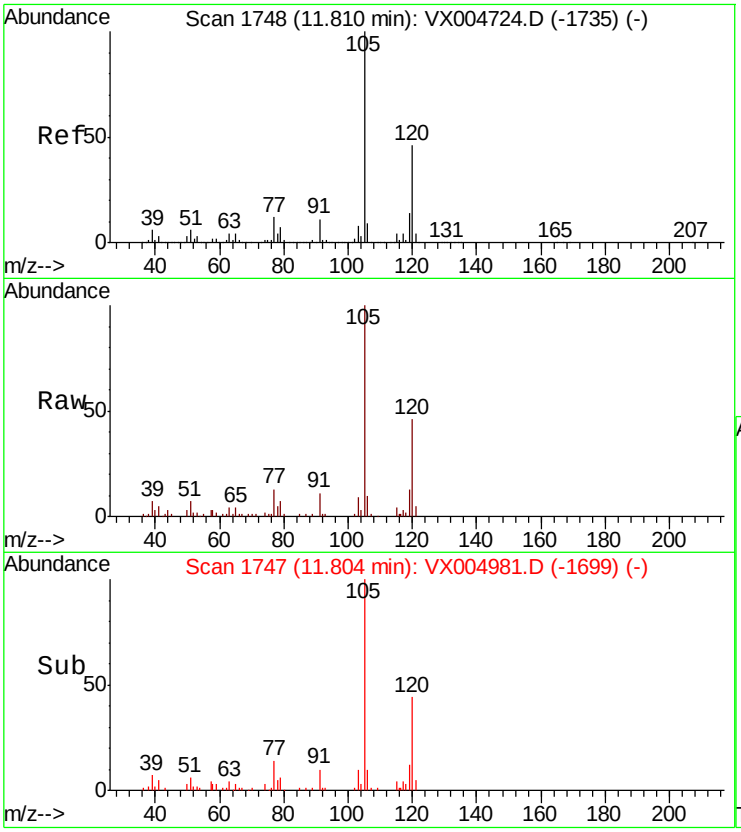


#81
trans-1,4-Dichloro-2-butene
Concen: 55.871 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion: 75 Resp: 114216

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



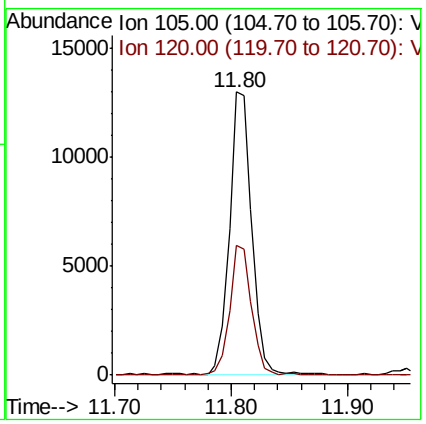


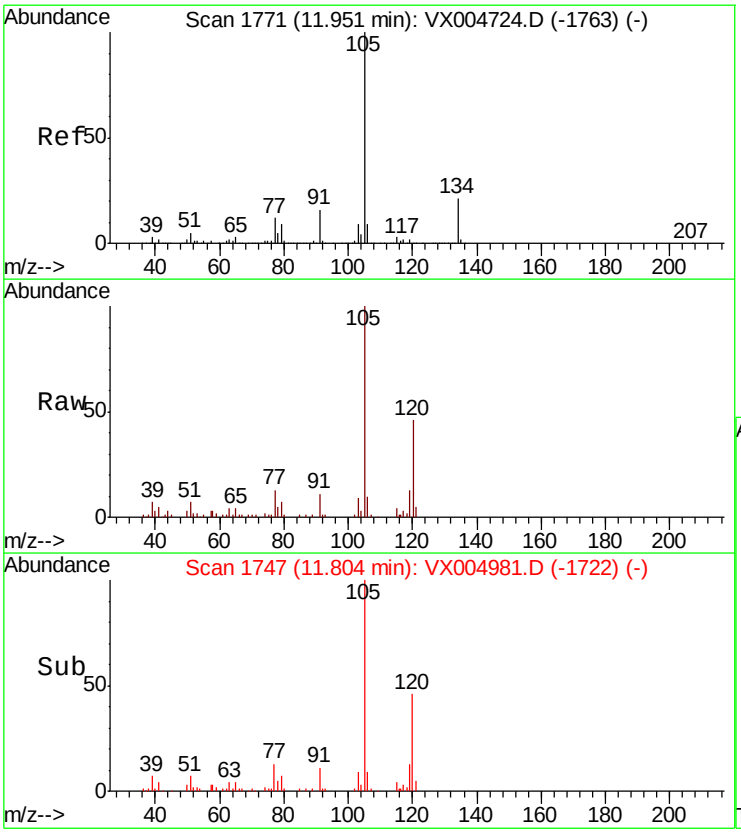
#84
1,2,4-Trimethylbenzene
Concen: 0.986 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion:105 Resp: 17415

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.8	68.3

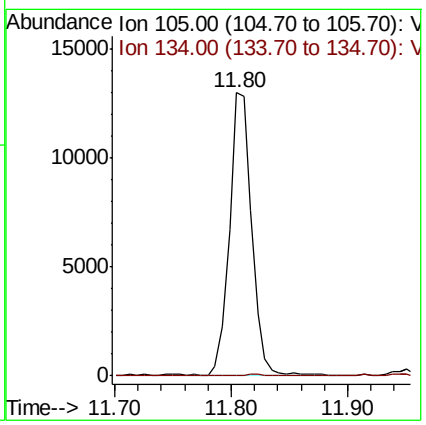


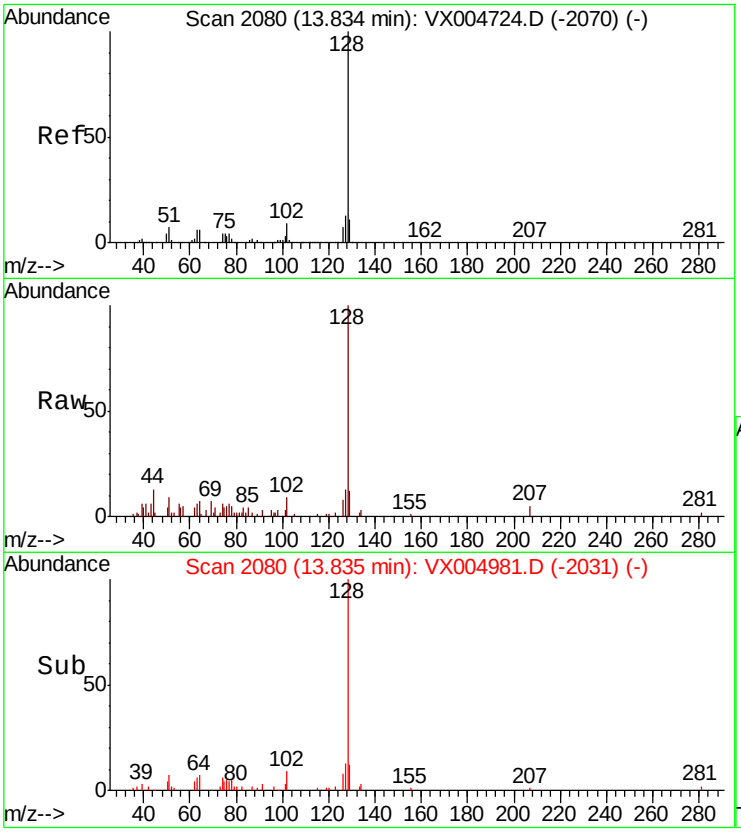


#85
sec-Butylbenzene
Concen: 1.112 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.15 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Tgt Ion:105 Resp: 17415

Ion	Ratio	Lower	Upper
105	100		
134	0.3	10.2	30.4#





#95
Naphthalene
Concen: 1.012 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004981.D
Acq: 03 Oct 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#07

Tgt Ion:128 Resp: 6108

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.4	15.6
129	12.4	8.7	13.1