Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050819\
Data File : VX009399.D
Acq On : 08 May 2019 15:33
Operator : JC/SP
Sample : PB119521TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB119521TB

Quant Time: May 09 06:30:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	181705	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	293473	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	259476	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112945	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	120377	48.53	ug/l		0.00
Spiked Amount 50.000			Recovery =	97.06%			
35) Dibromofluoromethane	5.50	113	89391	48.45	ug/l		0.00
Spiked Amount 50.000			Recovery =	96.90%			
50) Toluene-d8	8.71	98	372682	50.04	ug/l		0.00
Spiked Amount 50.000			Recovery =	100.08%			
62) 4-Bromofluorobenzene	11.13	95	122526	45.27	ug/l		0.00
Spiked Amount 50.000			Recovery =	90.54%			
Target Compounds							Qvalue
3) Chloromethane	1.32	50	459	0.201	ug/l	#	60
5) Bromomethane	1.64	94	469	0.351	ug/l		90
6) Chloroethane	1.60	64	4027	2.814	ug/l	#	83
10) Methyl Iodide	2.51	142	466	4.808	ug/l	#	79
11) Tert butyl alcohol	3.05	59	617	1.075	ug/l	#	66
13) Acrolein	2.29	56	332	0.638	ug/l	#	70
15) Acrylonitrile	3.15	53	460	0.328	ug/l		98
16) Acetone	2.45	43	12279	9.219	ug/l		99
17) Carbon Disulfide	2.57	76	1292	0.270	ug/l	#	72
18) Methyl Acetate	2.78	43	1748	0.552	ug/l		96
20) Methylene Chloride	2.86	84	9647	4.473	ug/l		93
25) 2-Butanone	4.69	43	2588	1.250	ug/l		92
28) Bromochloromethane	5.03	49	145	Below Cal		#	20
29) Tetrahydrofuran	5.15	42	2408	1.808	ug/l		94
36) 1,1-Dichloropropene	5.66	75	13939	5.111	ug/l	#	46
38) Carbon Tetrachloride	5.67	117	17130	6.913	ug/l	#	16
43) Isopropyl Acetate	6.45	43	14059	2.313	ug/l		99
48) Methyl methacrylate	7.68	41	7936	2.632	ug/l	#	18
49) 1,4-Dioxane	7.75	88	27	0.442	ug/l	#	20
51) 4-Methyl-2-Pentanone	8.62	43	97690	24.590	ug/l	#	51
54) cis-1,3-Dichloropropene	8.62	75	41899	12.111	ug/l	#	58
57) 1,3-Dichloropropane	9.54	76	9551	2.593	ug/l	#	43
59) 2-Hexanone	9.44	43	12973	4.158	ug/l	#	26
74) N-amyl acetate	10.69	43	16203	3.384	ug/l	#	56
76) 1,2,3-Trichloropropane	11.13	75	62248	23.760	ug/l	#	34
80) 1,3,5-Trimethylbenzene	11.51	105	6633	0.959	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.13	75	62248	60.792	ug/l	#	10

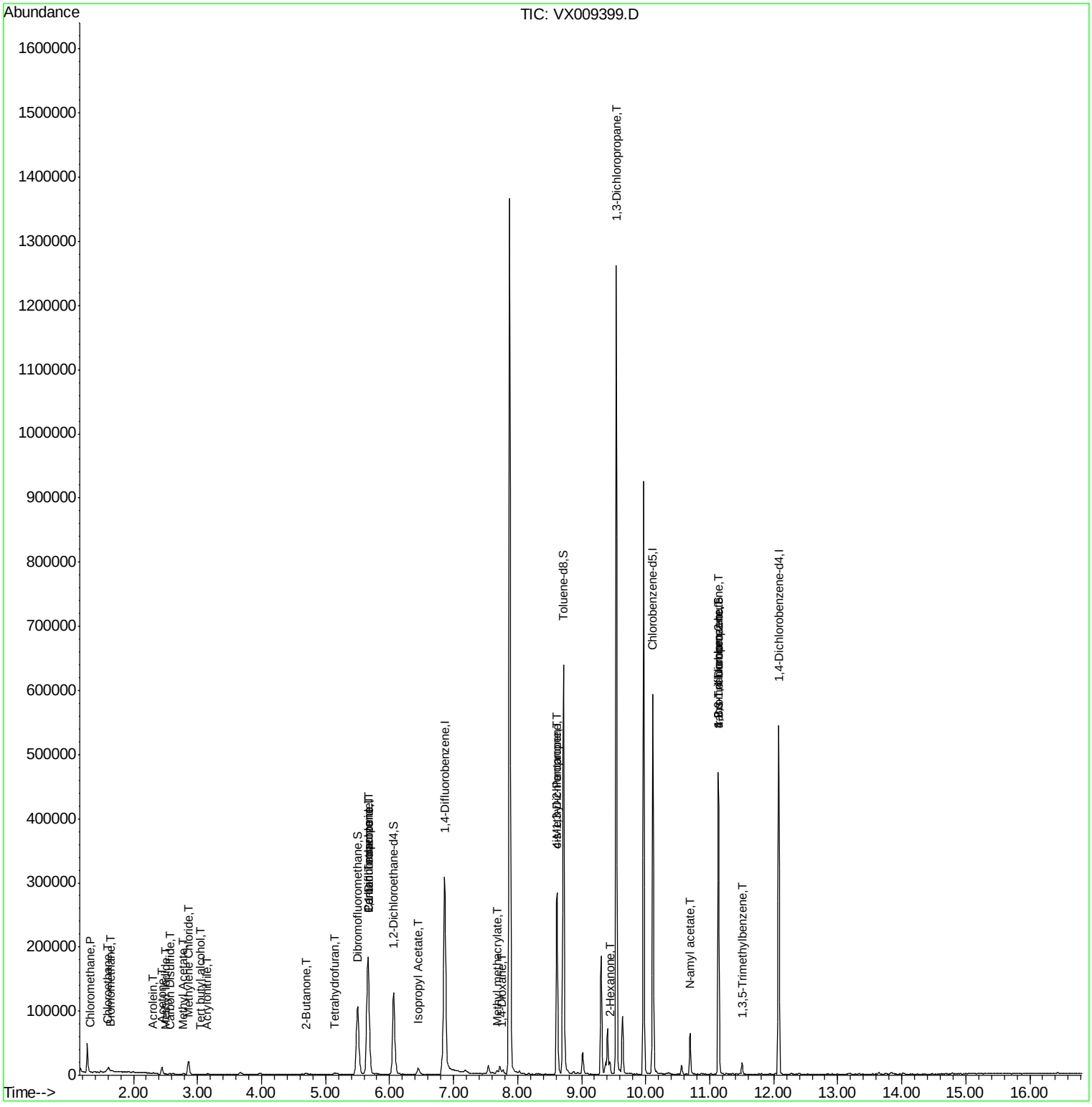
(#) = qualifier out of range (m) = manual integration (+) = signals summed

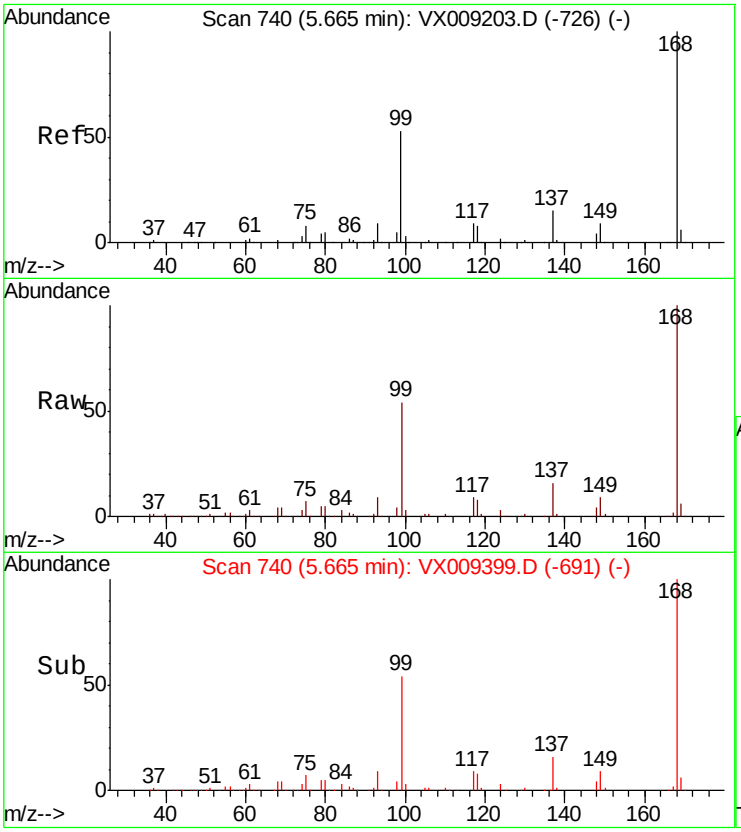
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050819\
Data File : VX009399.D
Acq On : 08 May 2019 15:33
Operator : JC/SP
Sample : PB119521TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Quant Time: May 09 06:30:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration



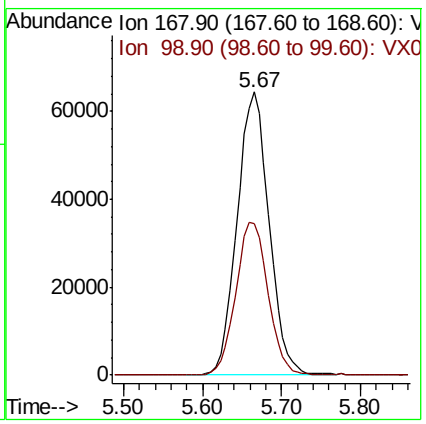


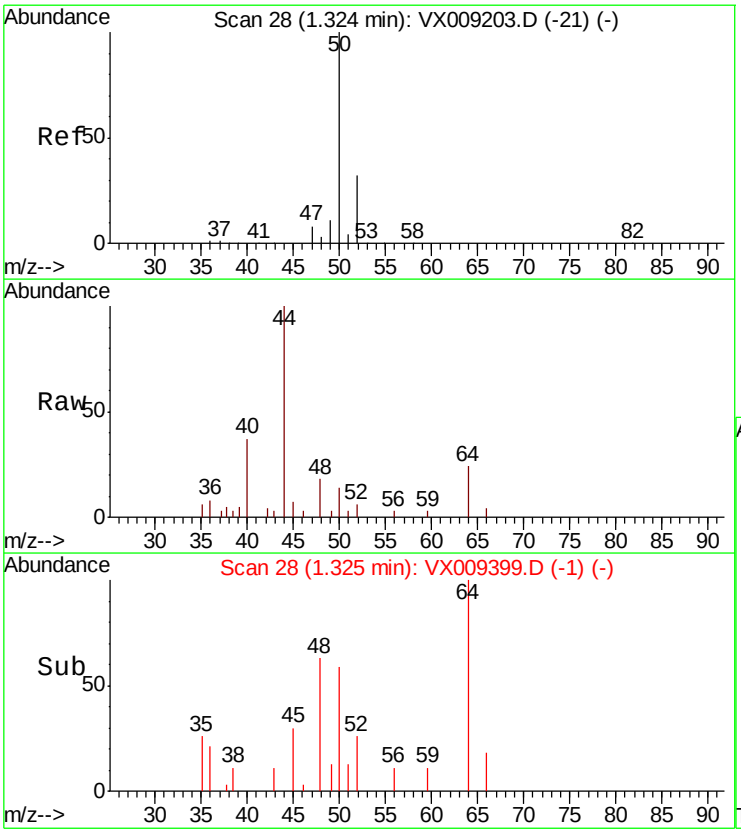
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion:168 Resp: 181705

Ion	Ratio	Lower	Upper
168	100		
99	53.6	42.3	63.5

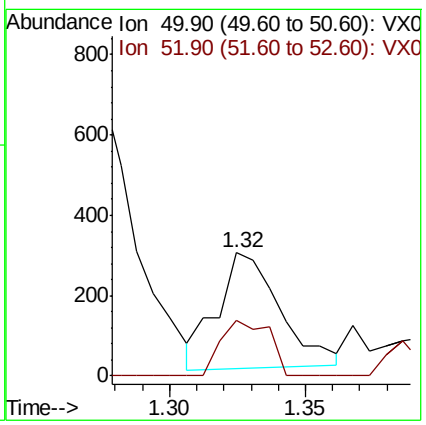


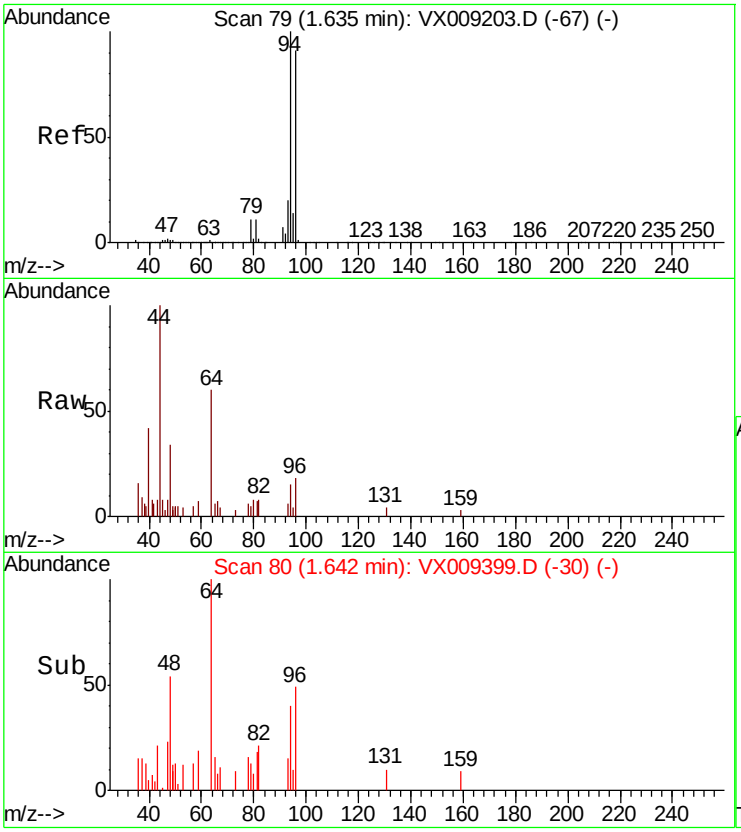


#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 50 Resp: 459

Ion	Ratio	Lower	Upper
50	100		
52	55.0	25.9	38.9#



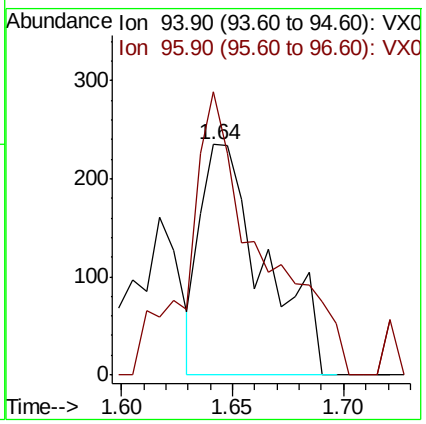


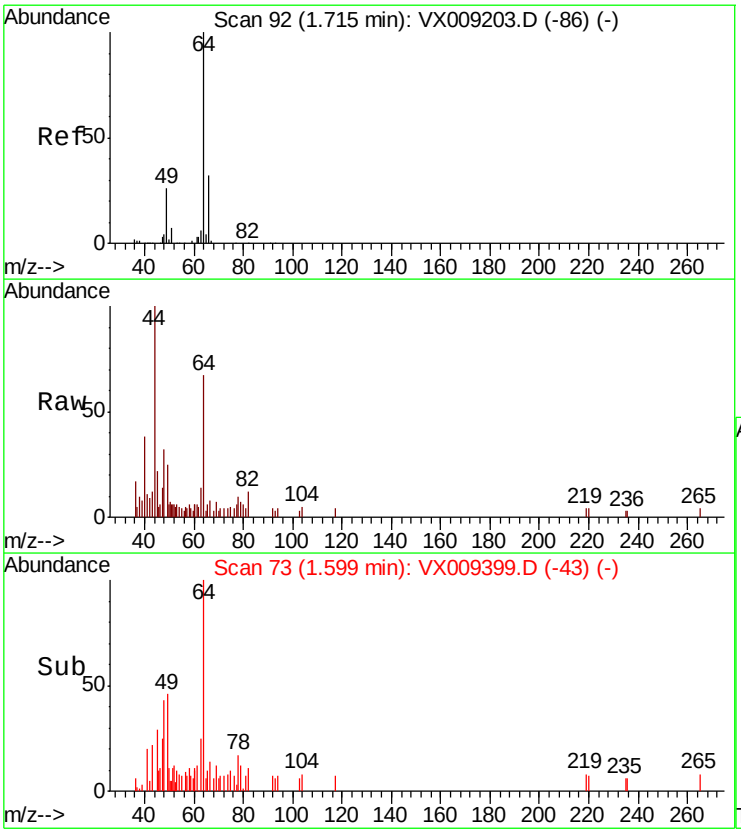
#5
Bromomethane
Concen: 0.351 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion: 94 Resp: 469

Ion	Ratio	Lower	Upper
94	100		
96	100.4	73.0	109.6

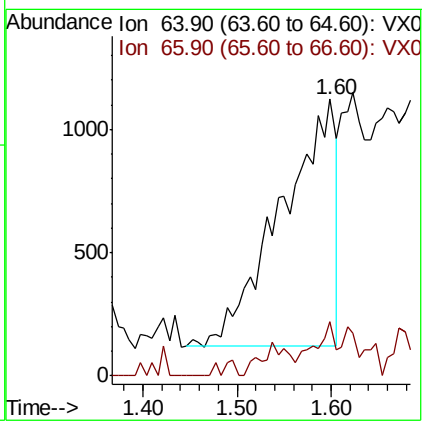


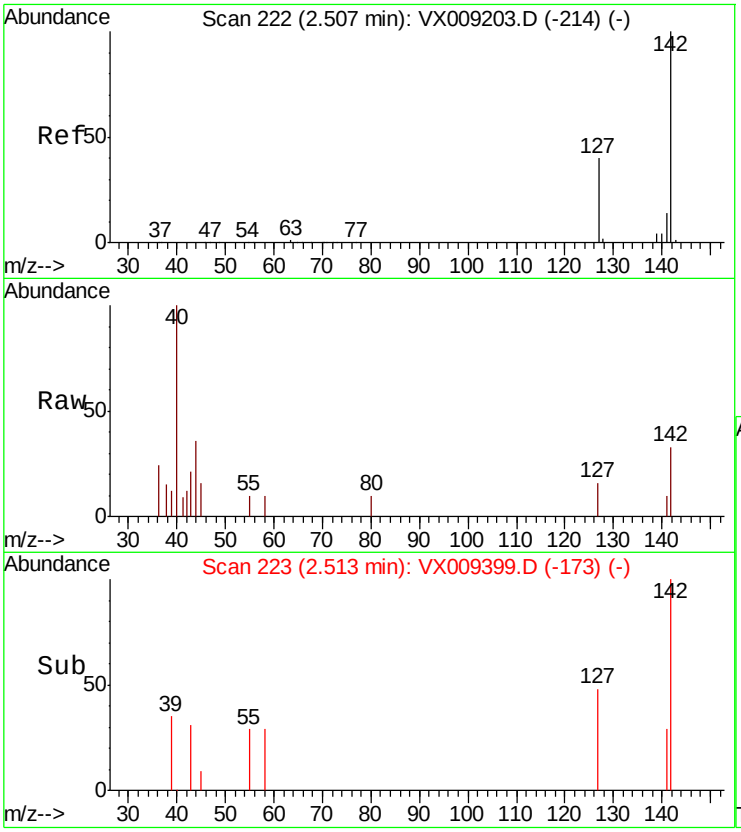


#6
Chloroethane
Concen: 2.814 ug/l
RT: 1.60 min Scan# 73
Delta R.T. -0.12 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 64 Resp: 4027

Ion	Ratio	Lower	Upper
64	100		
66	22.2	25.3	37.9#



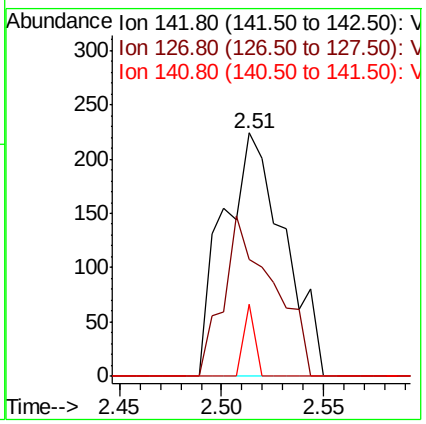


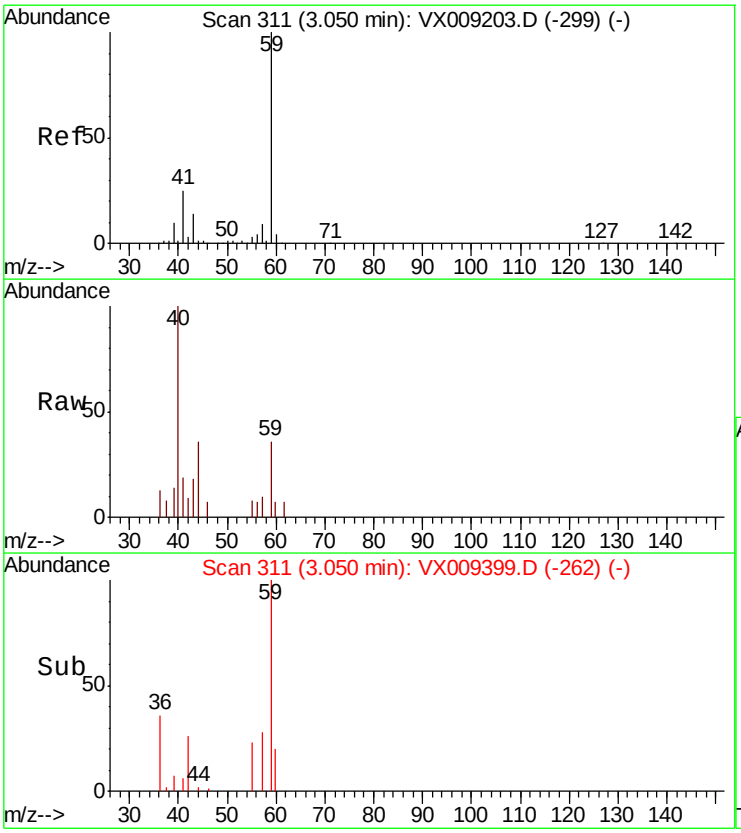
#10
Methyl Iodide
Concen: 4.808 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument : MSVOA_X
ClientSampleId : PB119521TB

Tgt Ion:142 Resp: 466

Ion	Ratio	Lower	Upper
142	100		
127	53.4	32.7	49.1#
141	5.2	11.5	17.3#

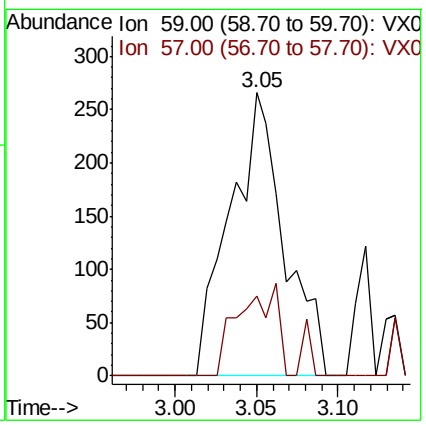


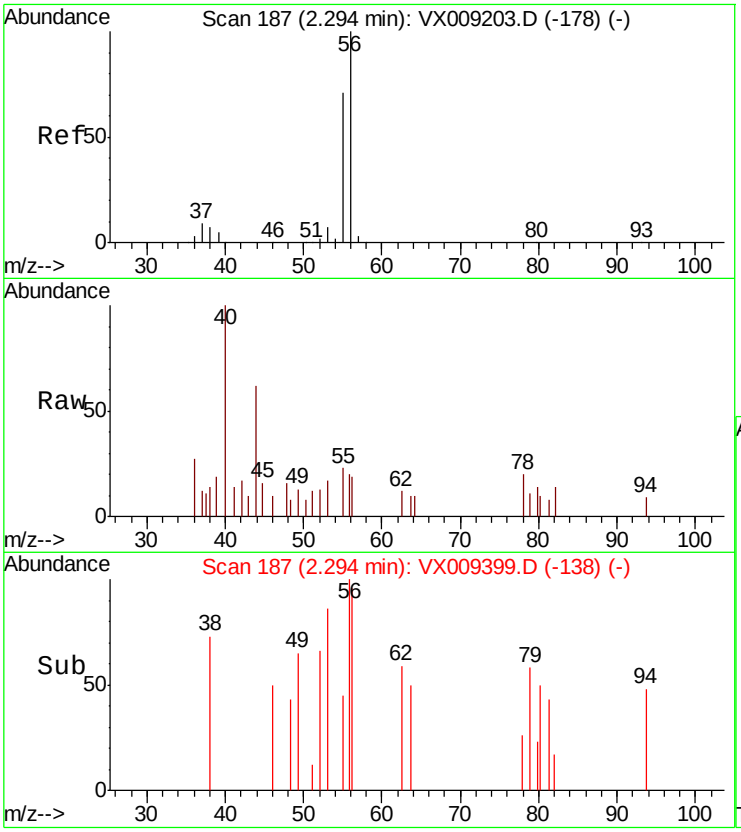


#11
Tert butyl alcohol
Concen: 1.075 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 59 Resp: 617

Ion	Ratio	Lower	Upper
59	100		
57	23.0	8.2	12.2#



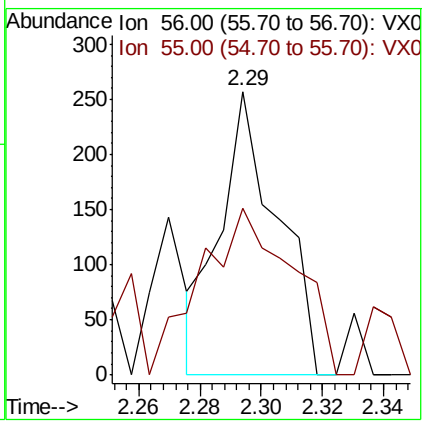


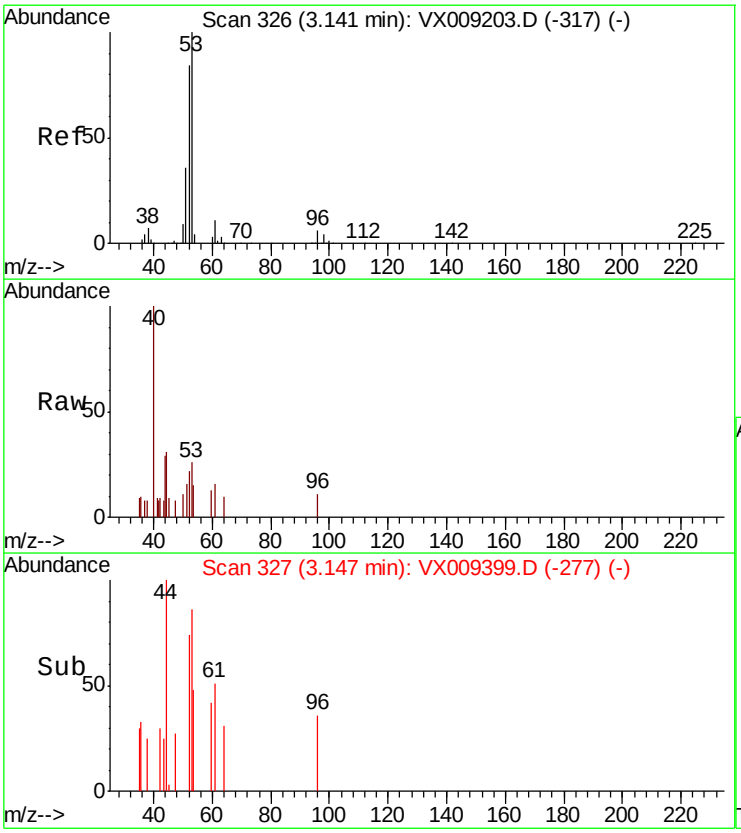
#13
Acrolein
Concen: 0.638 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion: 56 Resp: 332

Ion	Ratio	Lower	Upper
56	100		
55	95.8	56.6	85.0#

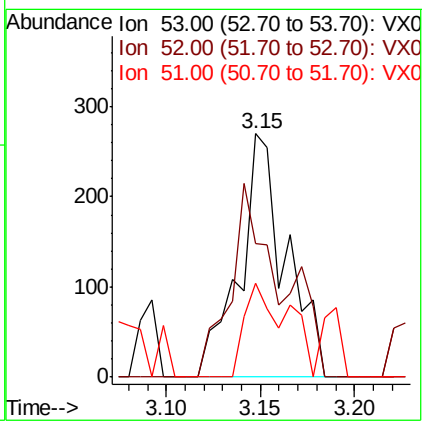


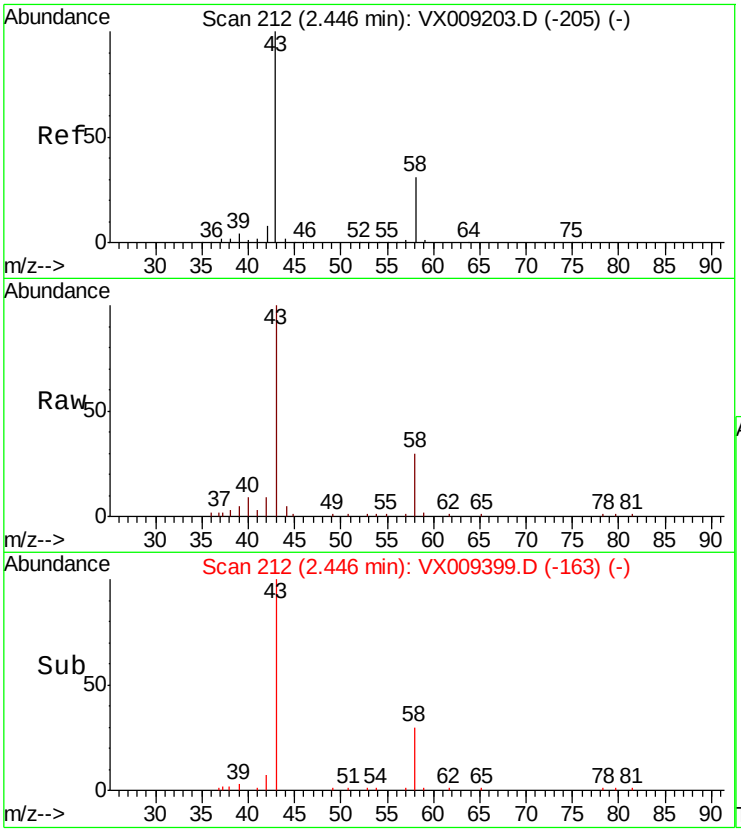


#15
Acrylonitrile
Concen: 0.328 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 53 Resp: 460

Ion	Ratio	Lower	Upper
53	100		
52	86.3	66.9	100.3
51	35.9	28.2	42.2



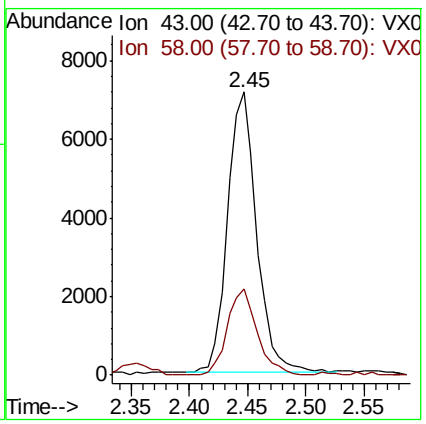


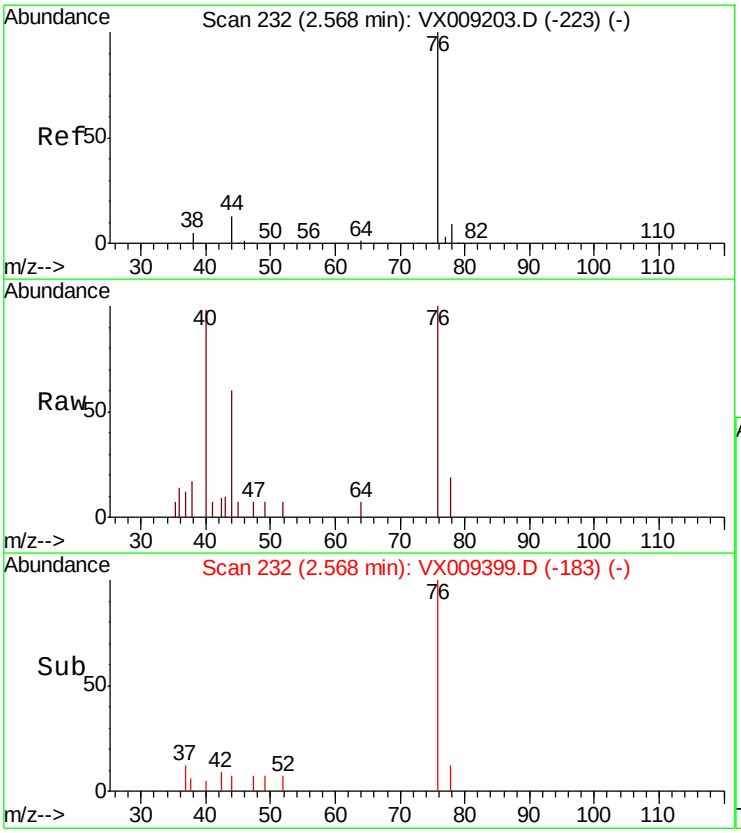
#16
Acetone
Concen: 9.219 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion: 43 Resp: 12279

Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.9	37.3

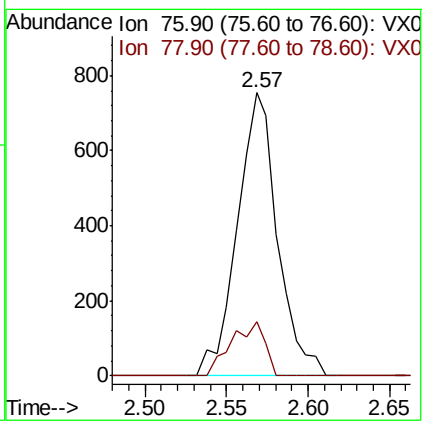


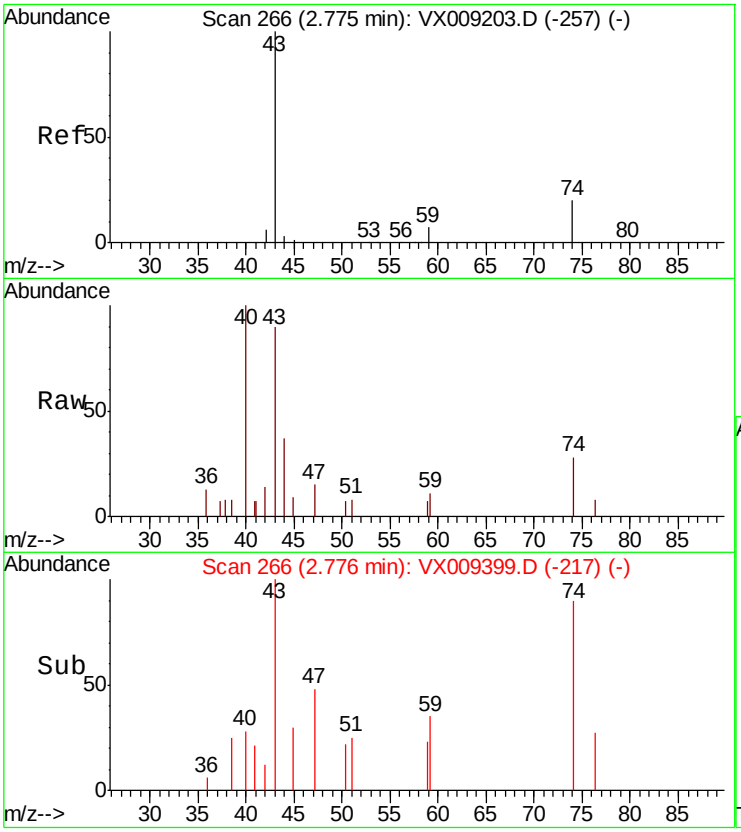


#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 76 Resp: 1292

Ion	Ratio	Lower	Upper
76	100		
78	19.2	7.4	11.0#



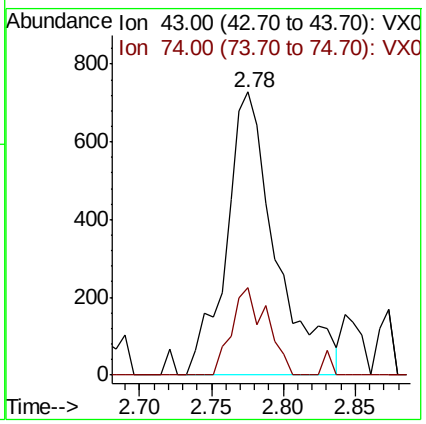


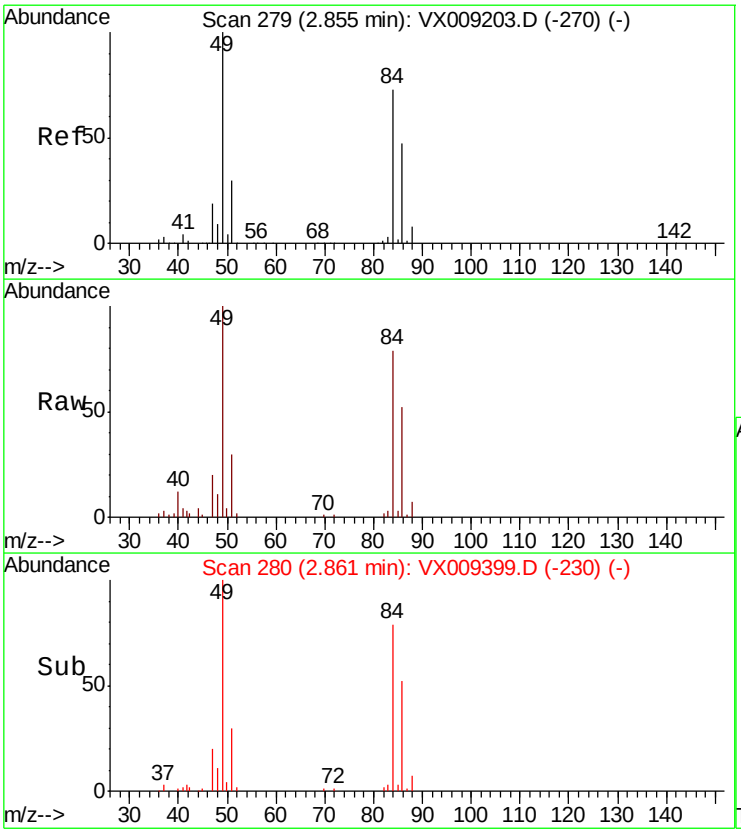
#18
Methyl Acetate
Concen: 0.552 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion: 43 Resp: 1748

Ion	Ratio	Lower	Upper
43	100		
74	22.0	16.2	24.4

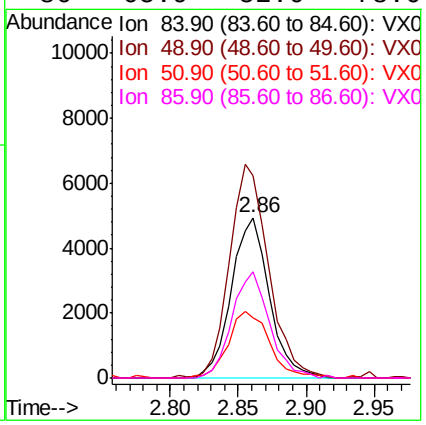


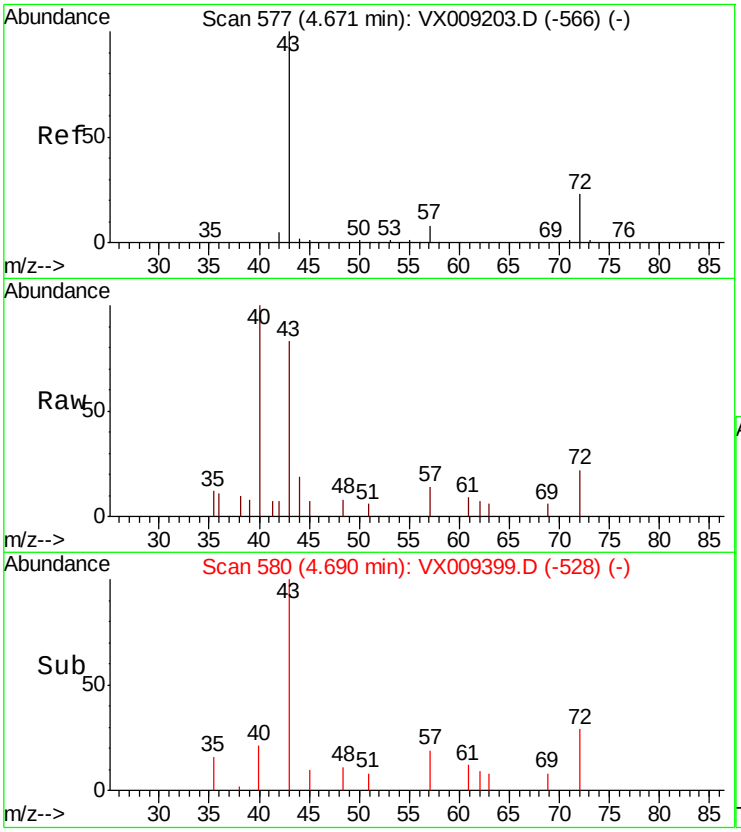


#20
Methylene Chloride
Concen: 4.473 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 84 Resp: 9647

Ion	Ratio	Lower	Upper
84	100		
49	125.9	109.9	164.9
51	37.8	32.7	49.1
86	65.9	52.0	78.0



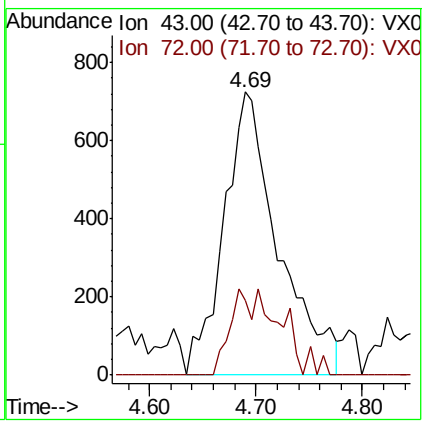


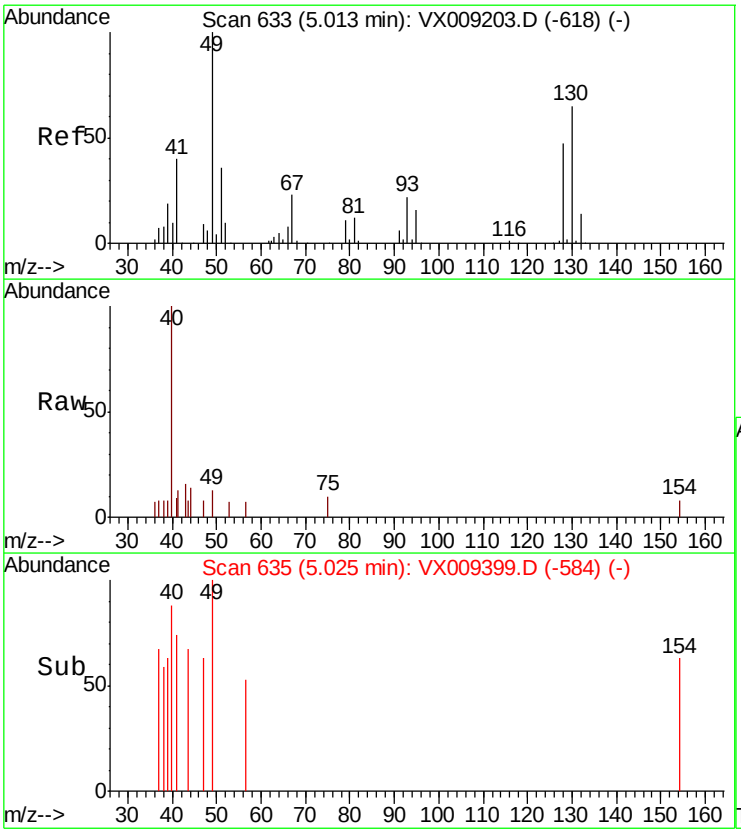
#25
2-Butanone
Concen: 1.250 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument : MSVOA_X
ClientSampleId : PB119521TB

Tgt Ion: 43 Resp: 2588

Ion	Ratio	Lower	Upper
43	100		
72	26.4	18.2	27.2

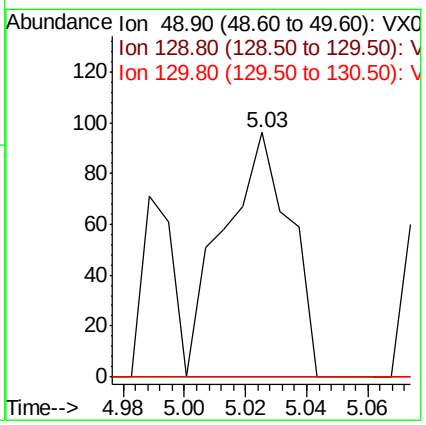


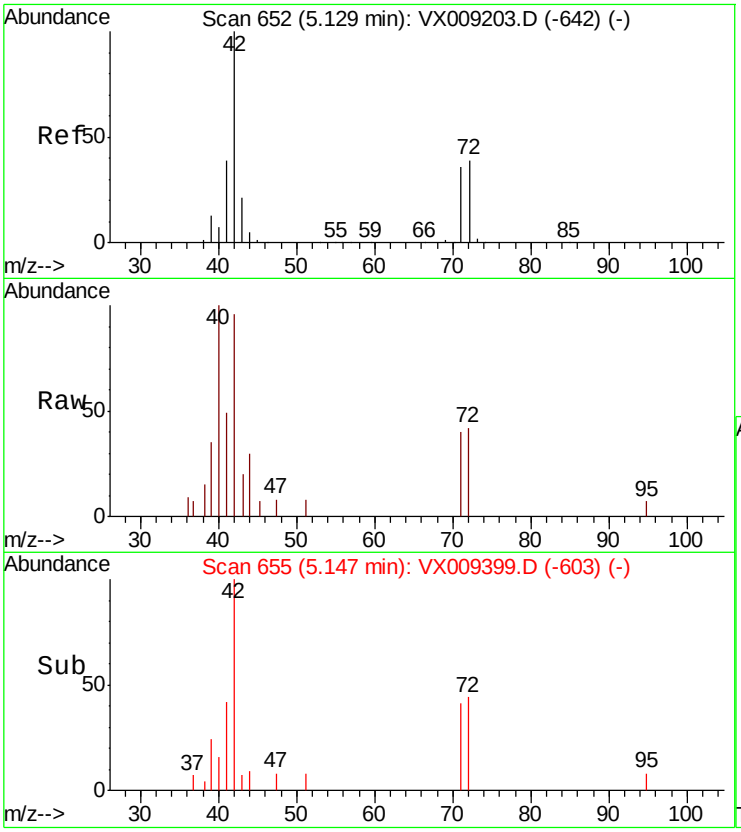


#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 49 Resp: 145

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#



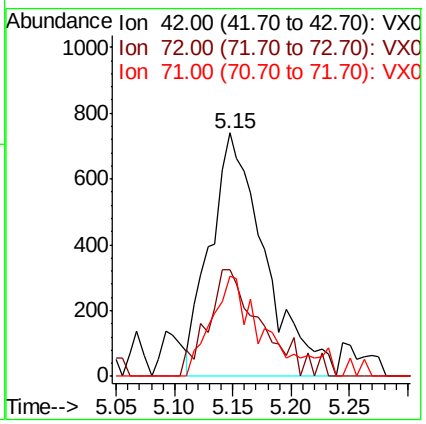


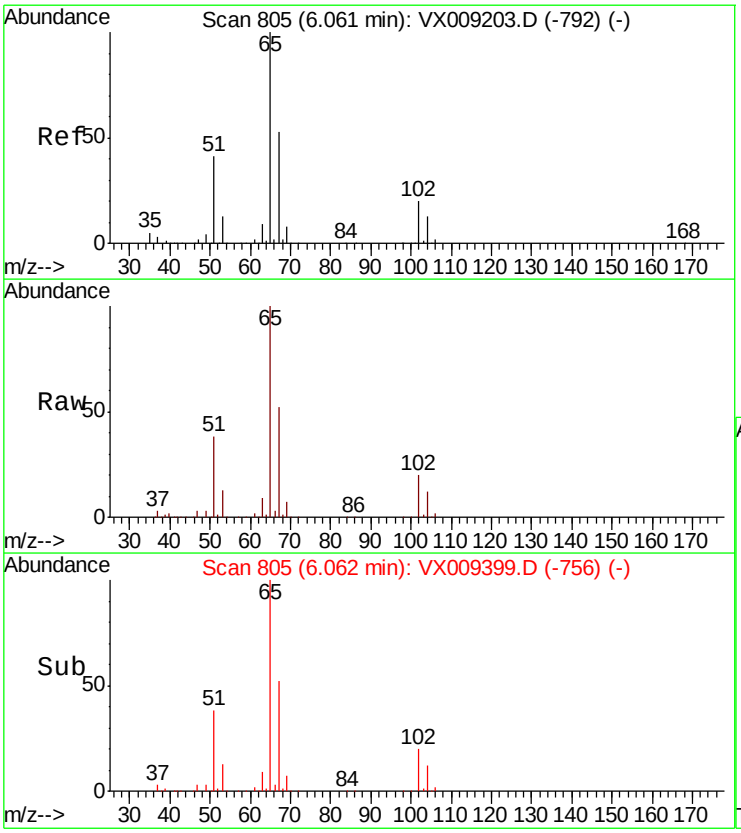
#29
Tetrahydrofuran
Concen: 1.808 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion: 42 Resp: 2408

Ion	Ratio	Lower	Upper
42	100		
72	42.8	30.4	45.6
71	38.2	28.6	43.0

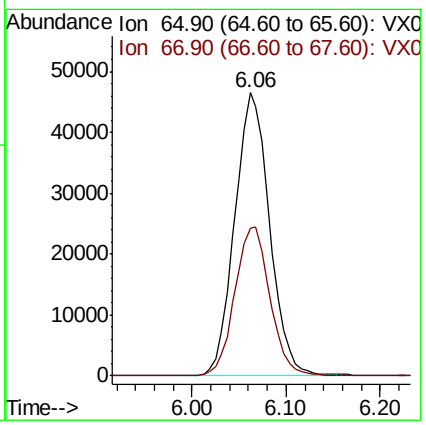


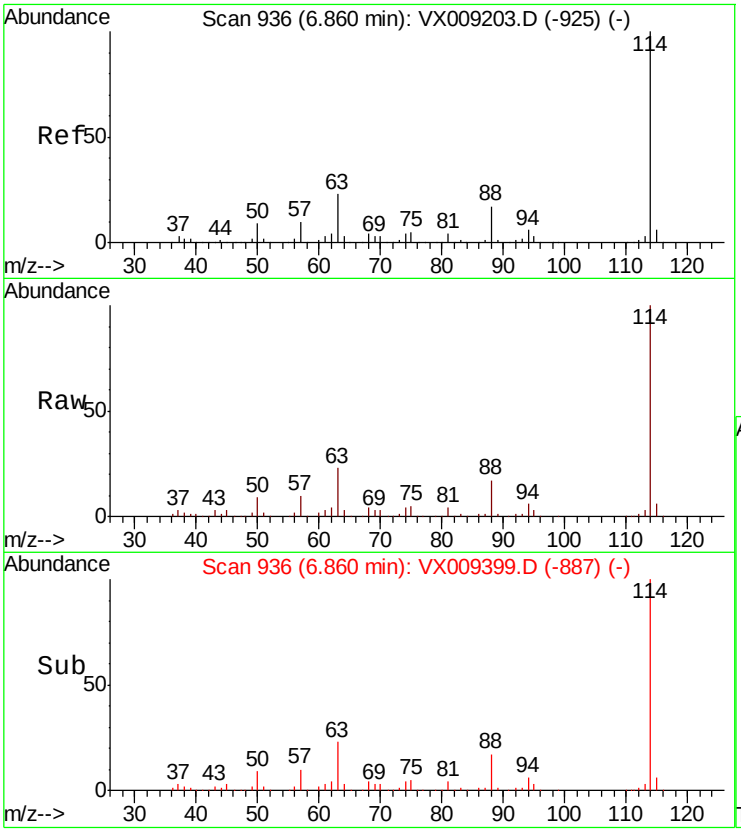


#33
1,2-Dichloroethane-d4
Concen: 48.530 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 65 Resp: 120377

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.6



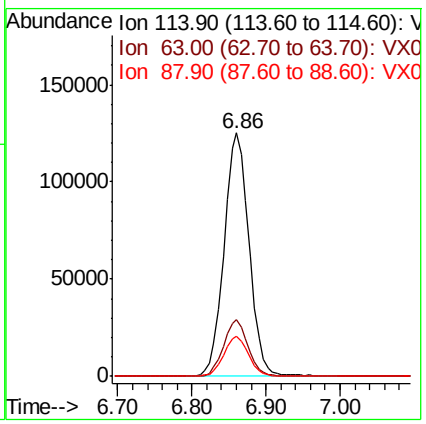


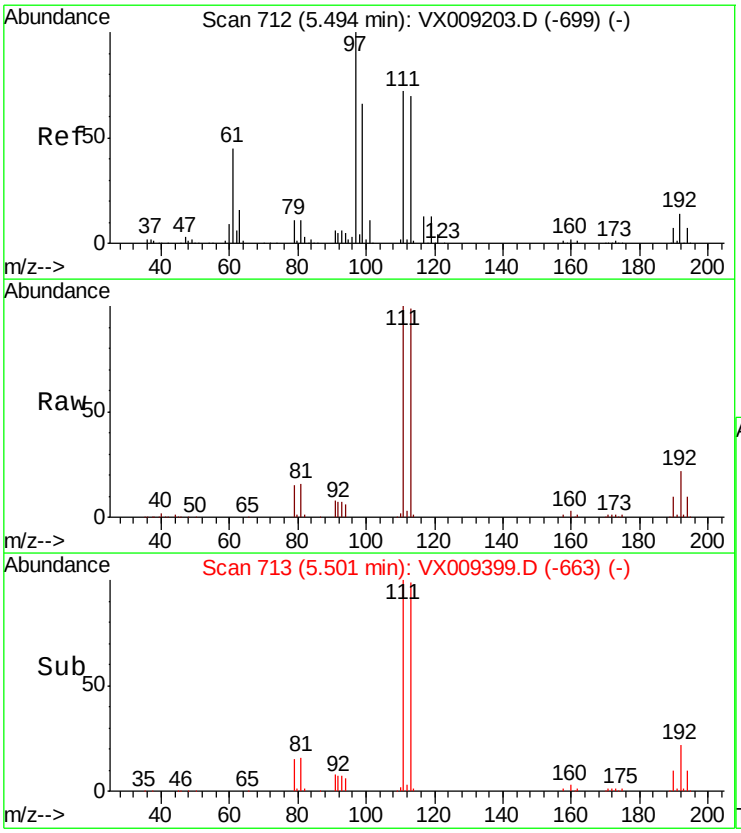
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument : MSVOA_X
ClientSampleId : PB119521TB

Tgt Ion:114 Resp: 293473

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	45.6
88	16.5	0.0	33.2

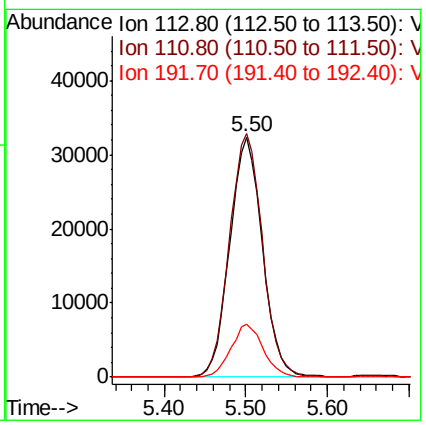


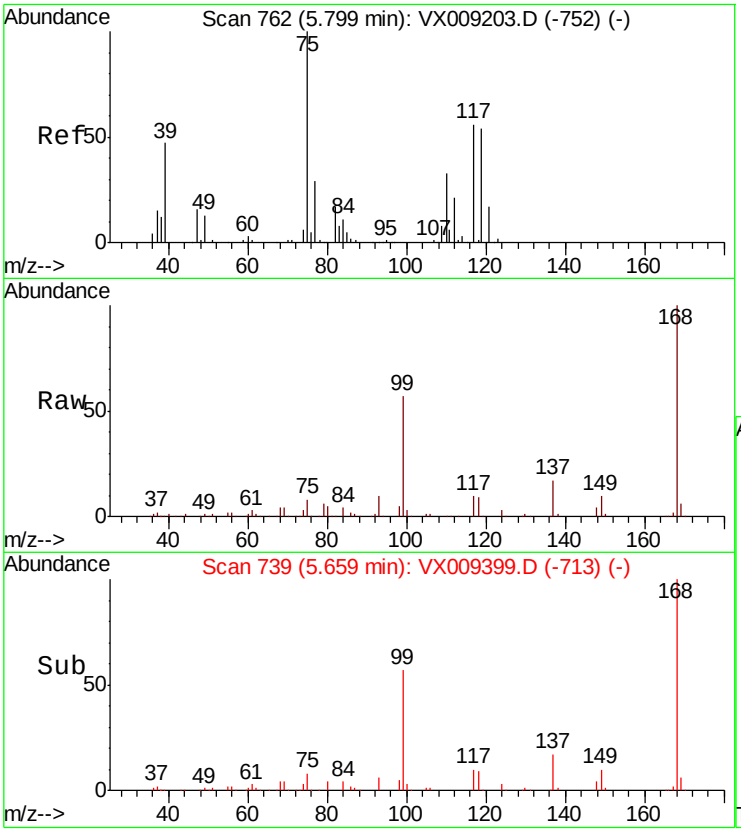


#35
Dibromofluoromethane
Concen: 48.453 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion:113 Resp: 89391

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	21.8	17.0	25.6



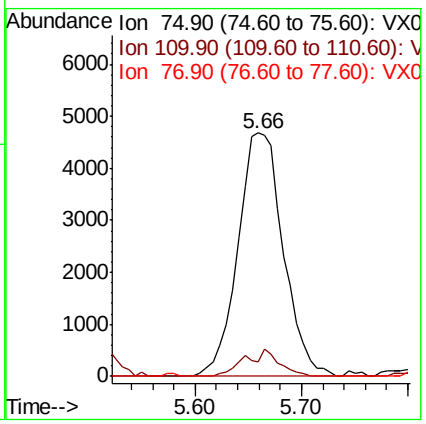


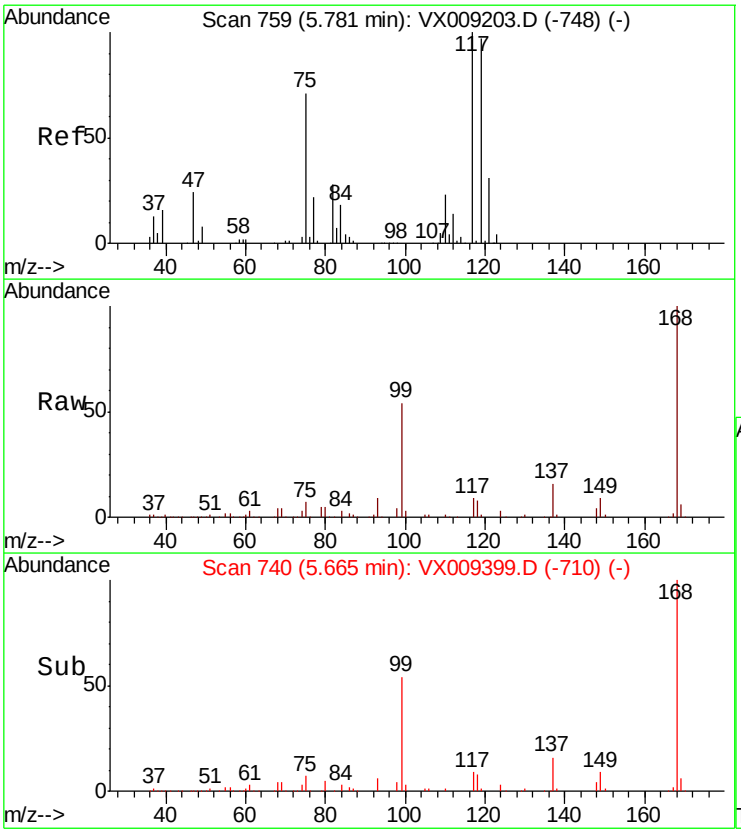
#36
1,1-Dichloropropene
Concen: 5.111 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion: 75 Resp: 13939

Ion	Ratio	Lower	Upper
75	100		
110	4.4	16.9	50.6#
77	0.0	24.8	37.2#

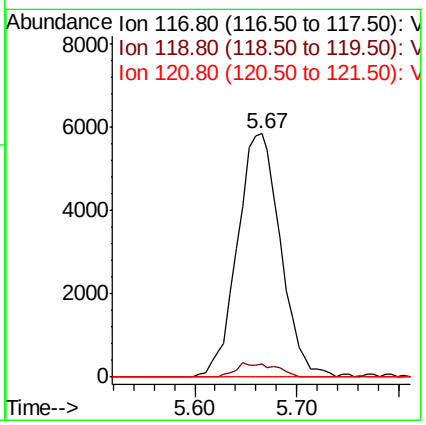


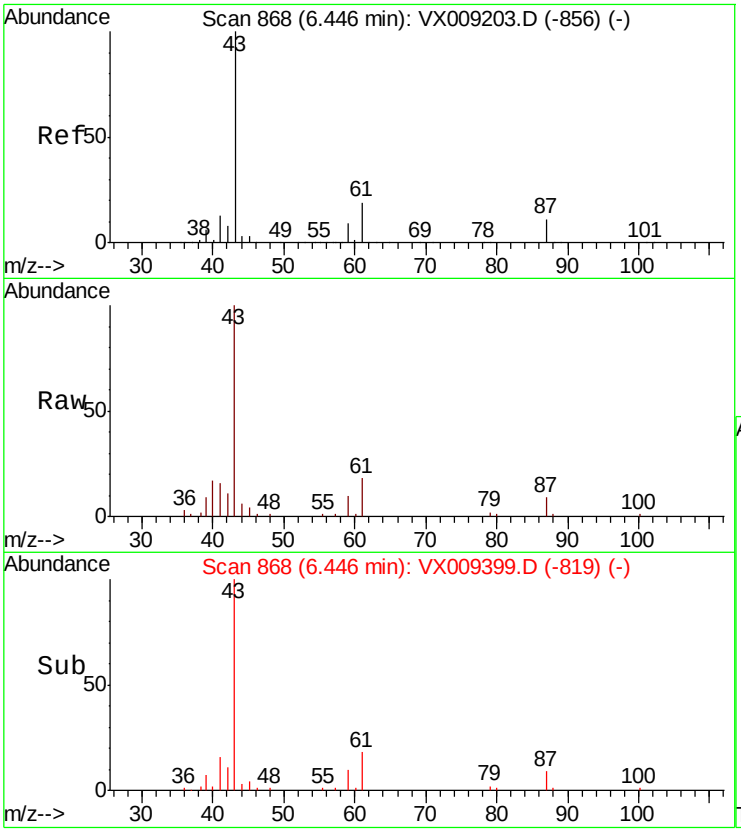


#38
Carbon Tetrachloride
Concen: 6.913 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion:117 Resp: 17130

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.5	116.3#
121	0.0	24.7	37.1#



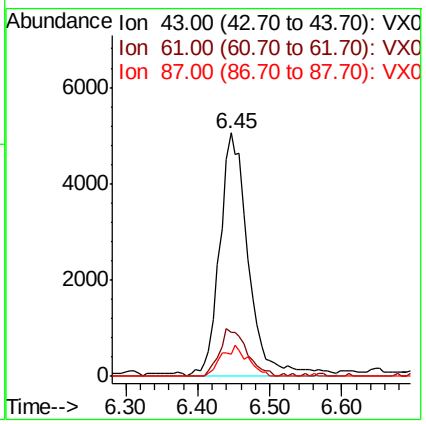


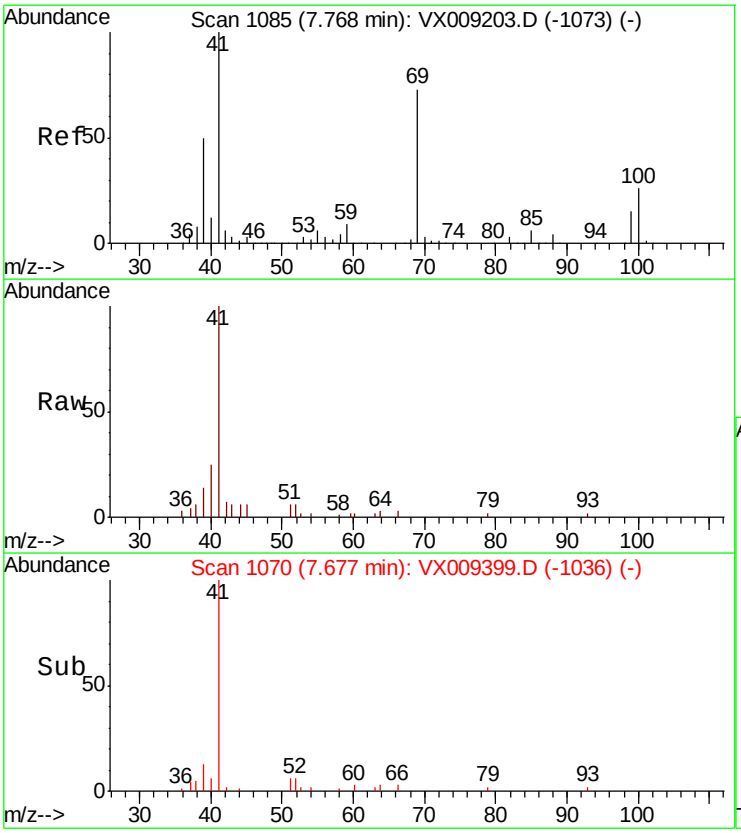
#43
Isopropyl Acetate
Concen: 2.313 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion: 43 Resp: 14059

Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.1	22.7
87	11.5	9.0	13.6

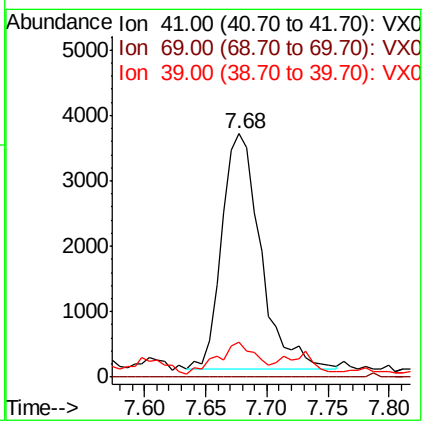


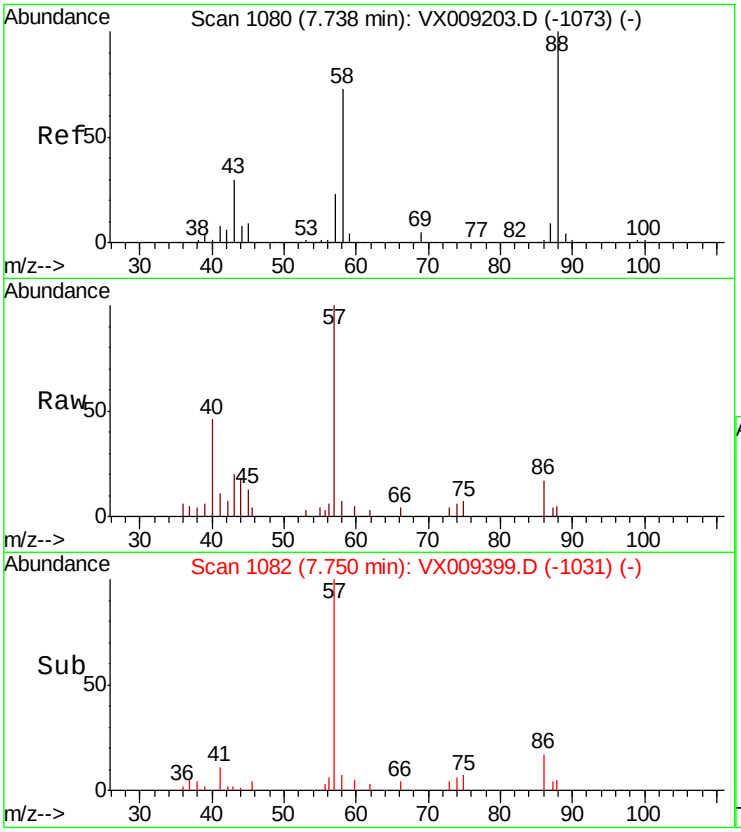


#48
Methyl methacrylate
Concen: 2.632 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 41 Resp: 7936

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	0.0	40.4	60.6#



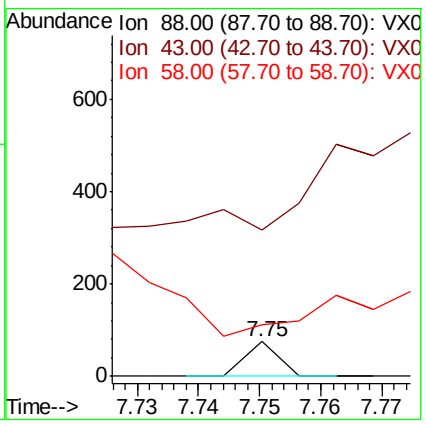


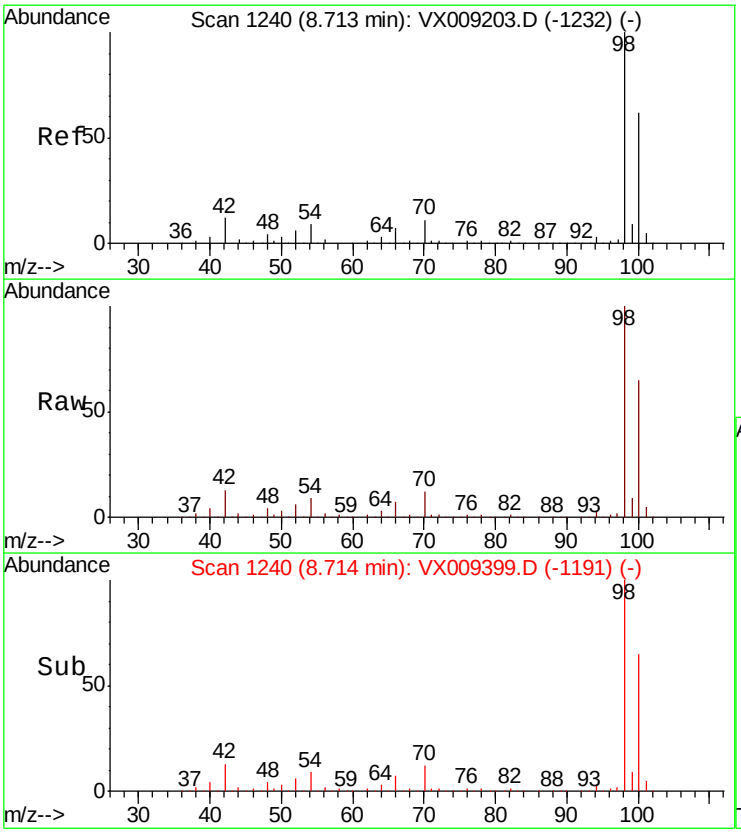
#49
1,4-Dioxane
Concen: 0.442 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion: 88 Resp: 27

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	42.8#
58	0.0	61.7	92.5#

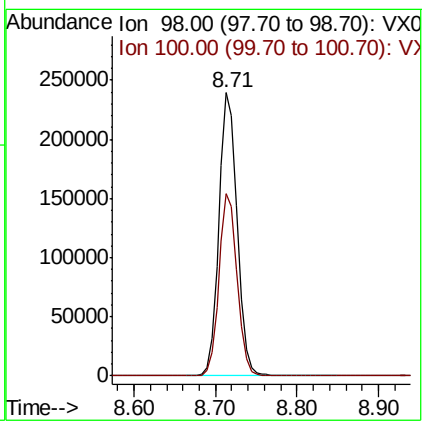


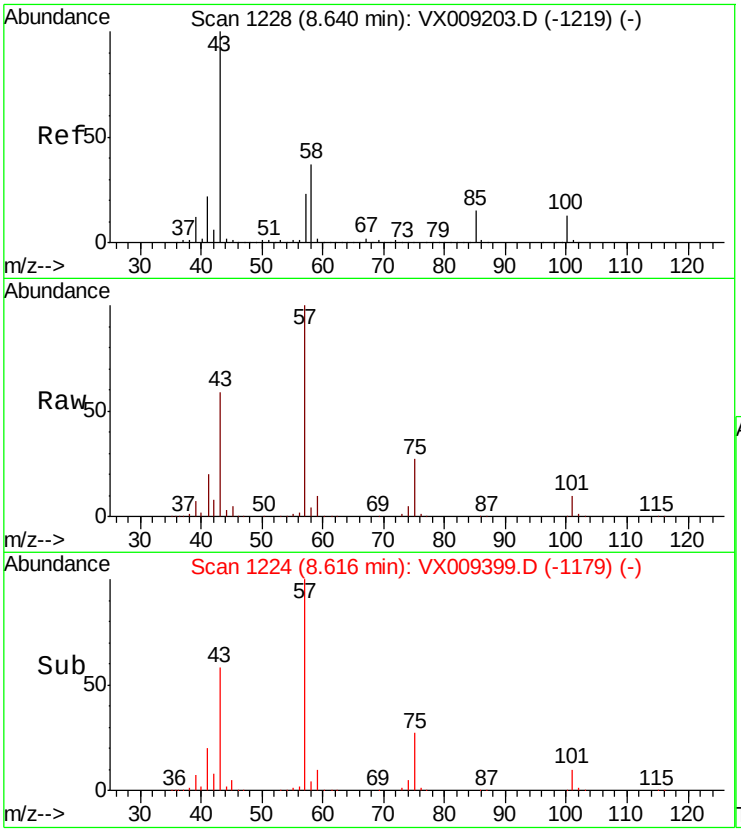


#50
Toluene-d8
Concen: 50.036 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 98 Resp: 372682

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8



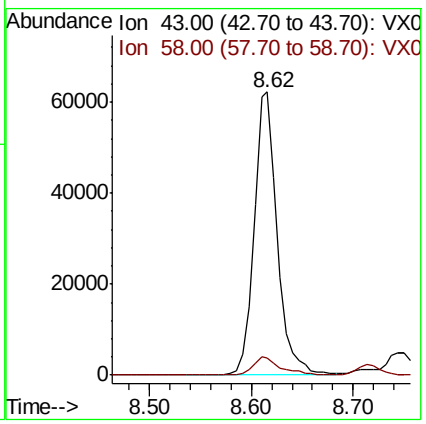


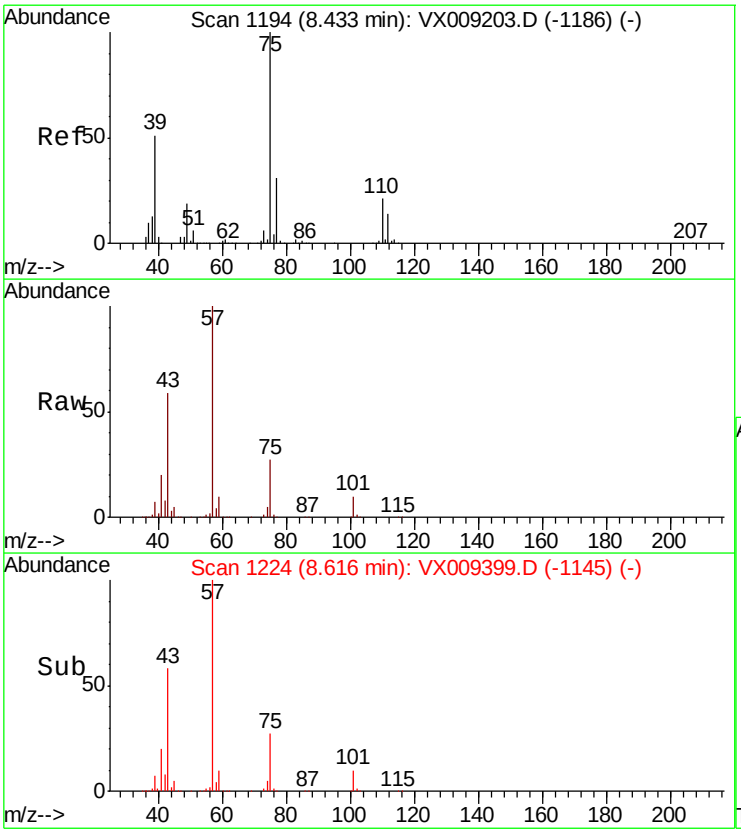
#51
4-Methyl-2-Pentanone
Concen: 24.590 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion: 43 Resp: 97690

Ion	Ratio	Lower	Upper
43	100		
58	7.7	29.5	44.3#

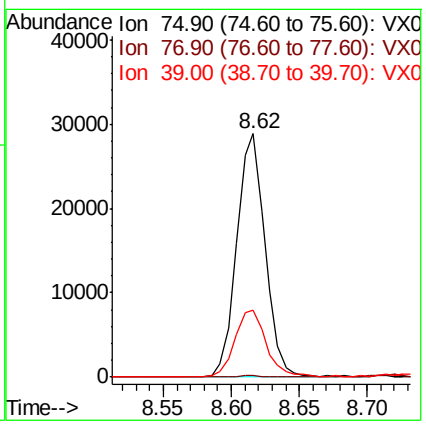


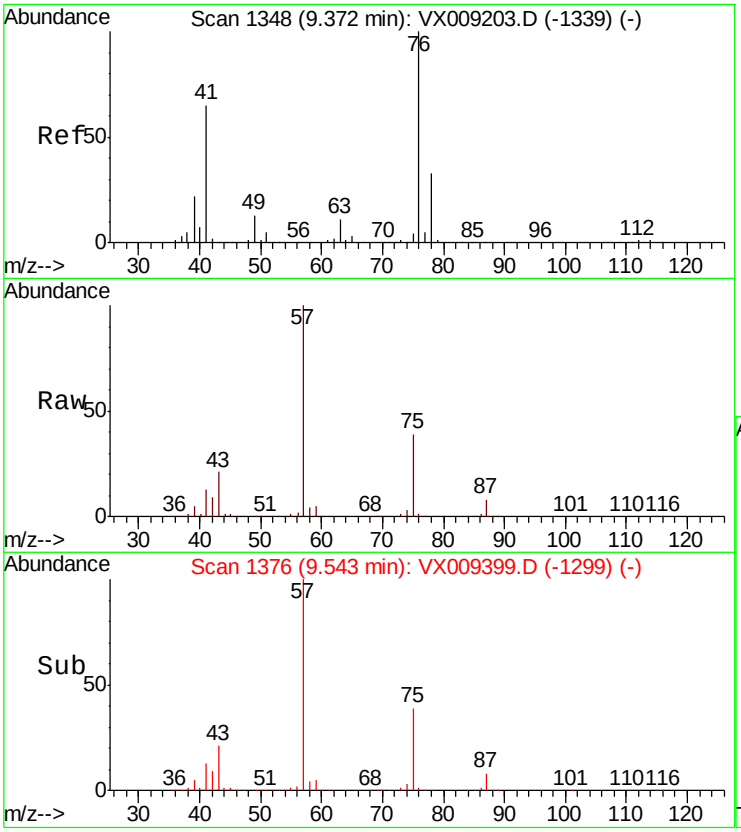


#54
cis-1,3-Dichloropropene
Concen: 12.111 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 75 Resp: 41899

Ion	Ratio	Lower	Upper
75	100		
77	0.6	24.6	36.8#
39	27.1	40.6	60.8#



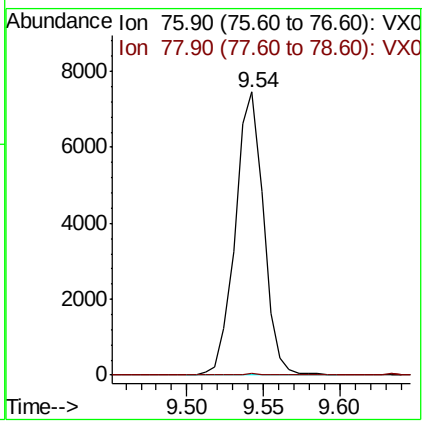


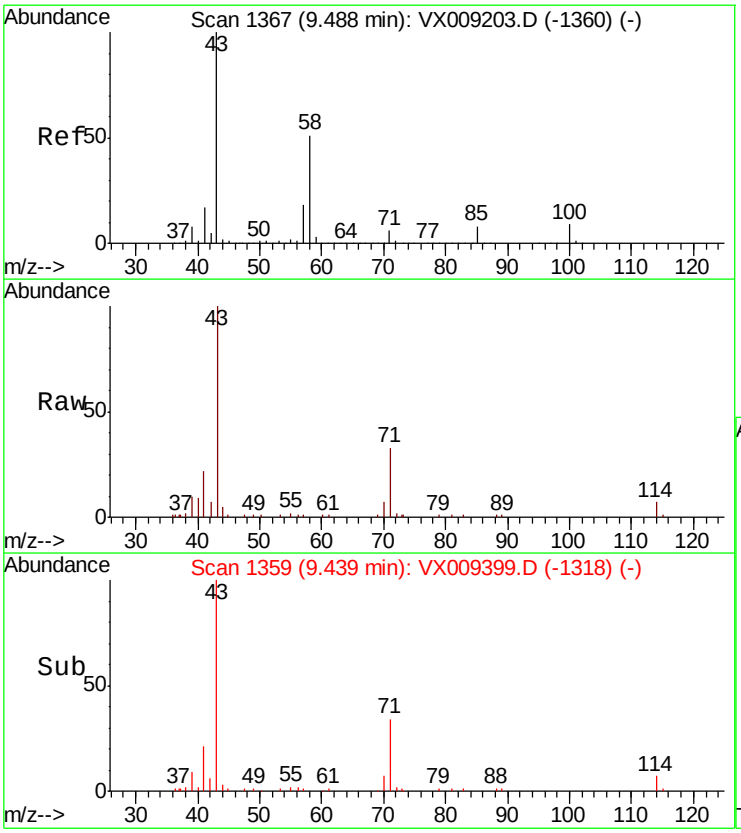
#57
1,3-Dichloropropane
Concen: 2.593 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument : MSVOA_X
ClientSampleId : PB119521TB

Tgt Ion: 76 Resp: 9551

Ion	Ratio	Lower	Upper
76	100		
78	0.2	25.5	38.3#

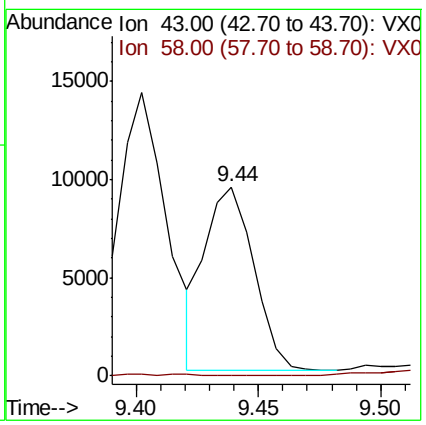


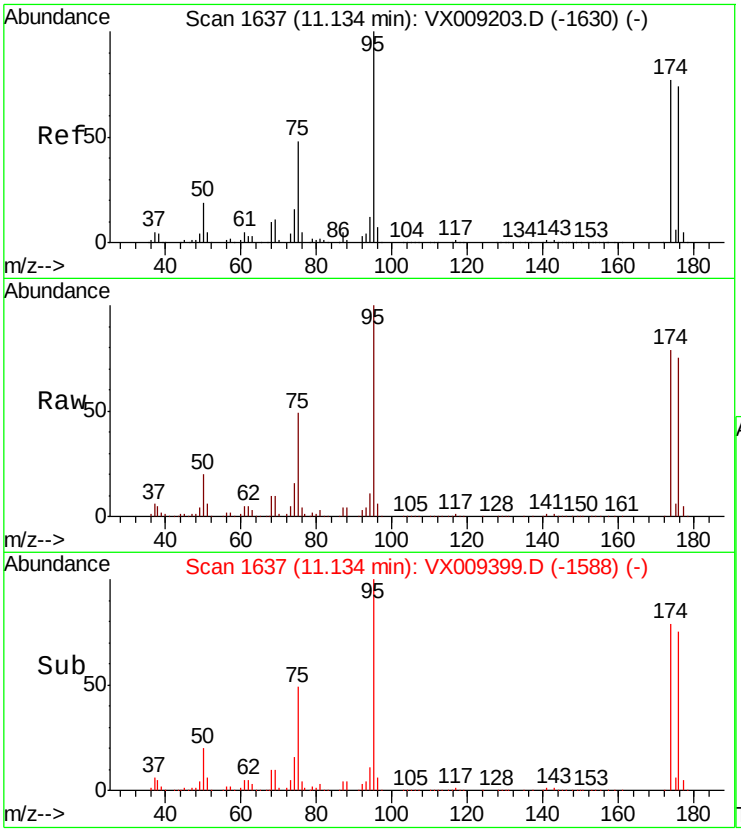


#59
2-Hexanone
Concen: 4.158 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 43 Resp: 12973

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	77.7#



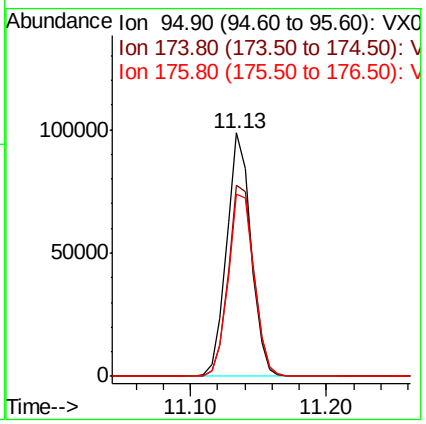


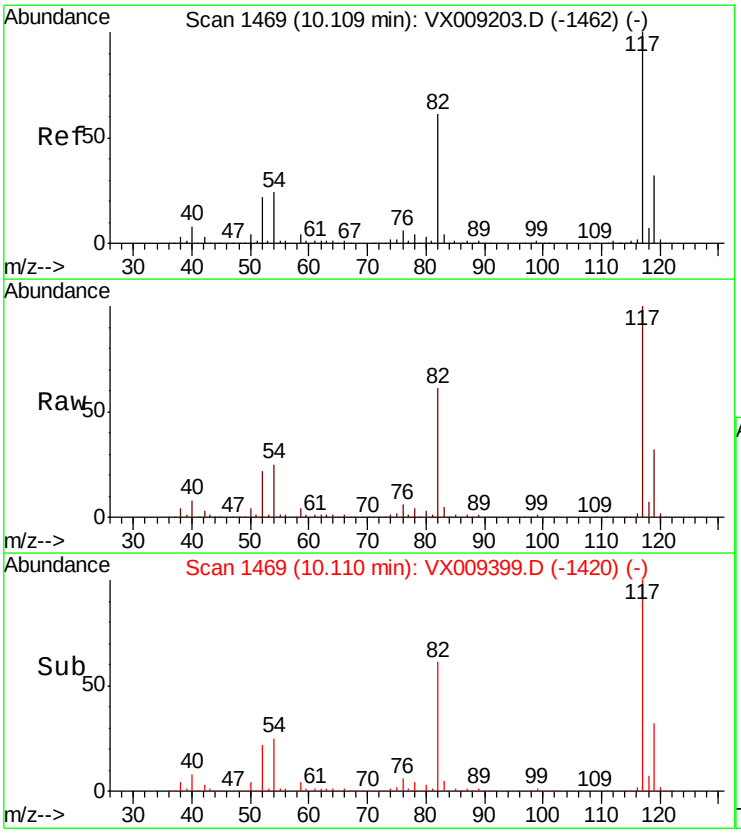
#62
4-Bromofluorobenzene
Concen: 45.272 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion: 95 Resp: 122526

Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	161.6
176	79.8	0.0	159.2

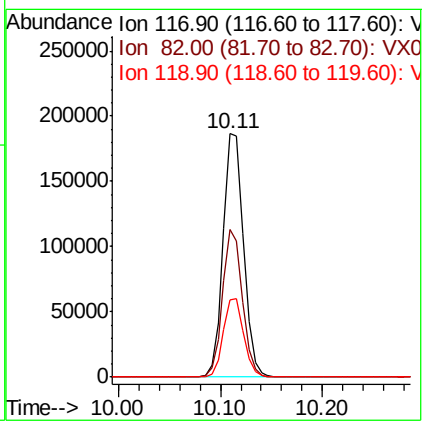


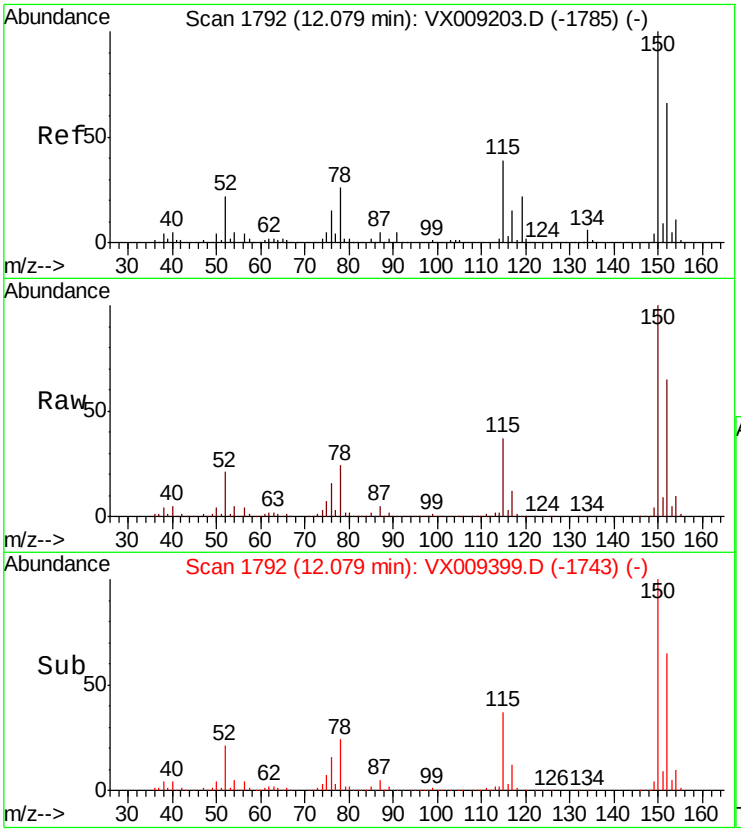


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion:117 Resp: 259476

Ion	Ratio	Lower	Upper
117	100		
82	60.7	48.8	73.2
119	31.8	25.8	38.6



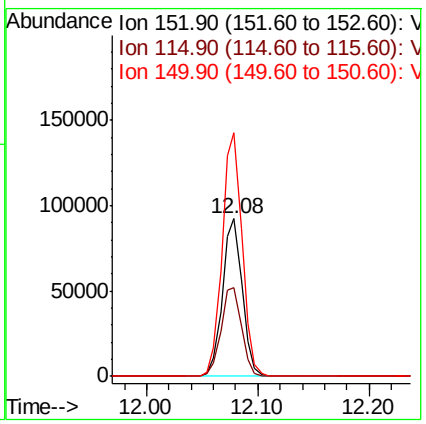


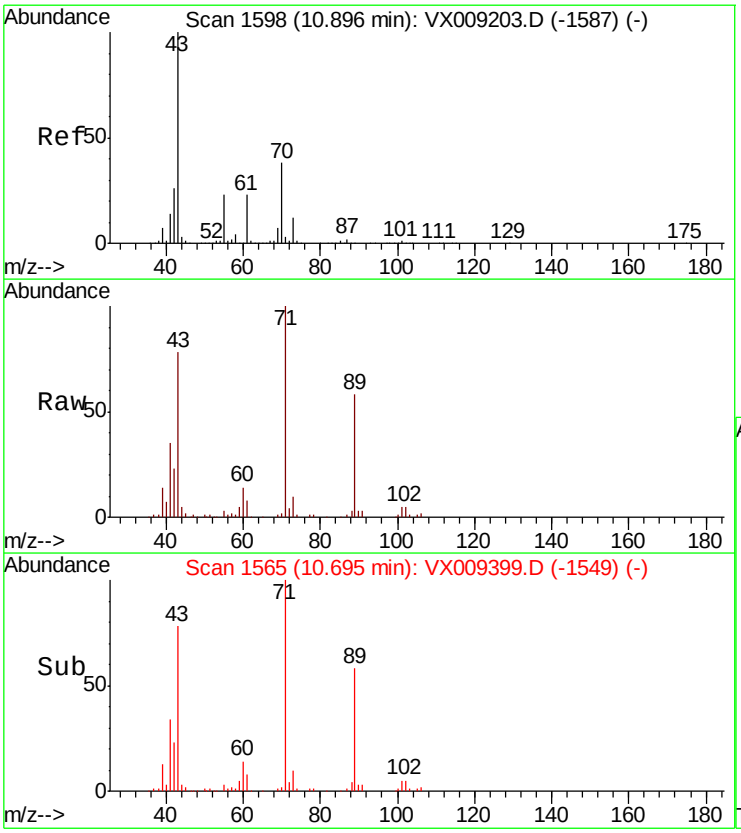
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument : MSVOA_X
ClientSampleId : PB119521TB

Tgt Ion:152 Resp: 112945

Ion	Ratio	Lower	Upper
152	100		
115	58.5	41.2	123.6
150	155.6	0.0	346.4

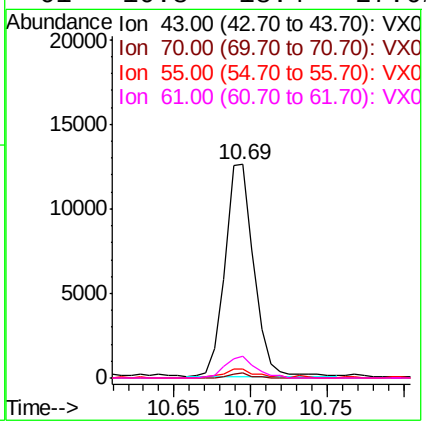


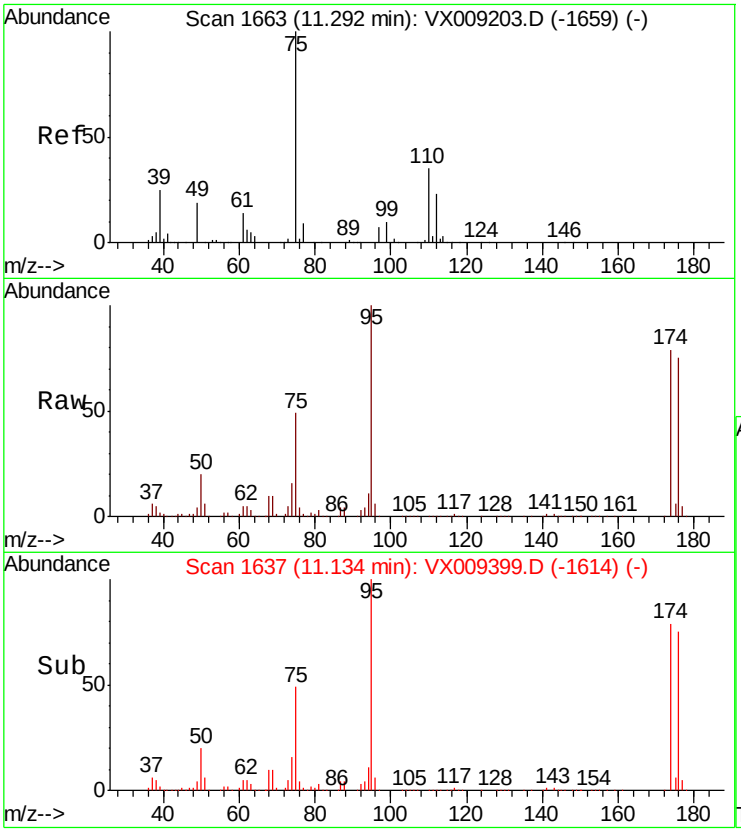


#74
N-amyl acetate
Concen: 3.384 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 43 Resp: 16203

Ion	Ratio	Lower	Upper
43	100		
70	1.6	30.0	45.0#
55	5.0	17.9	26.9#
61	10.8	18.4	27.6#



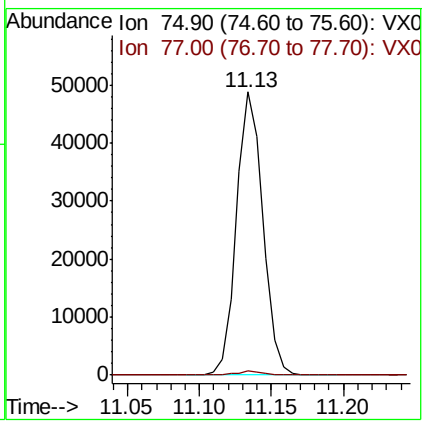


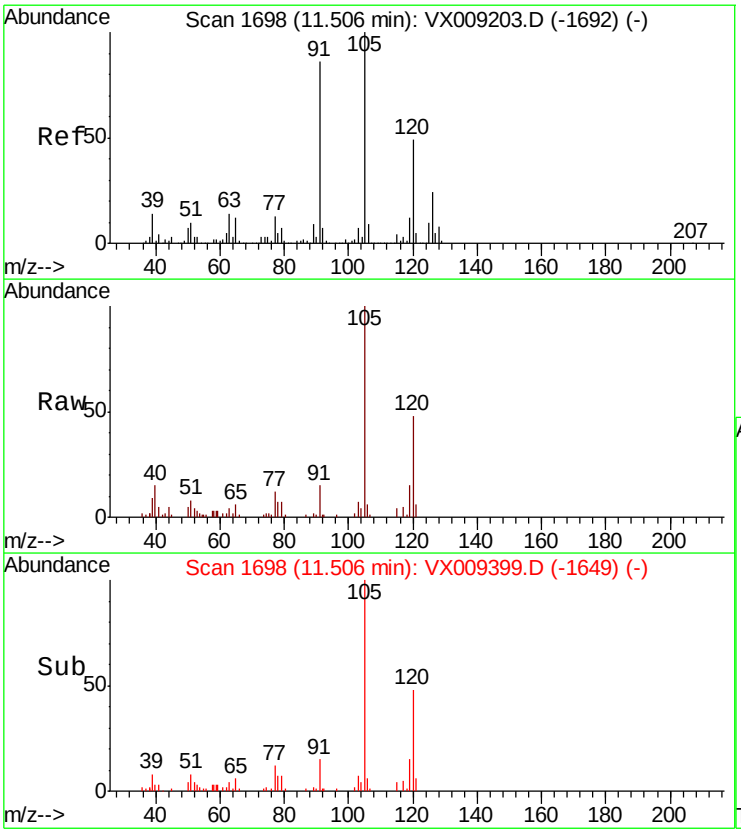
#76
1,2,3-Trichloropropane
Concen: 23.760 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion: 75 Resp: 62248

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.1	66.1#

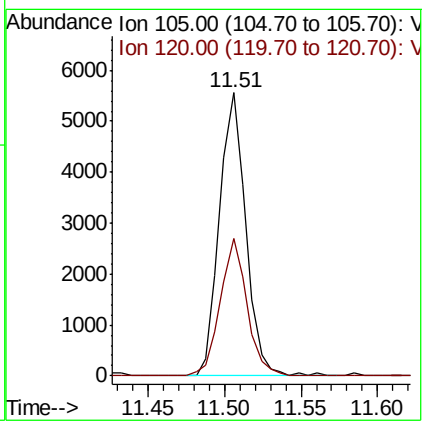


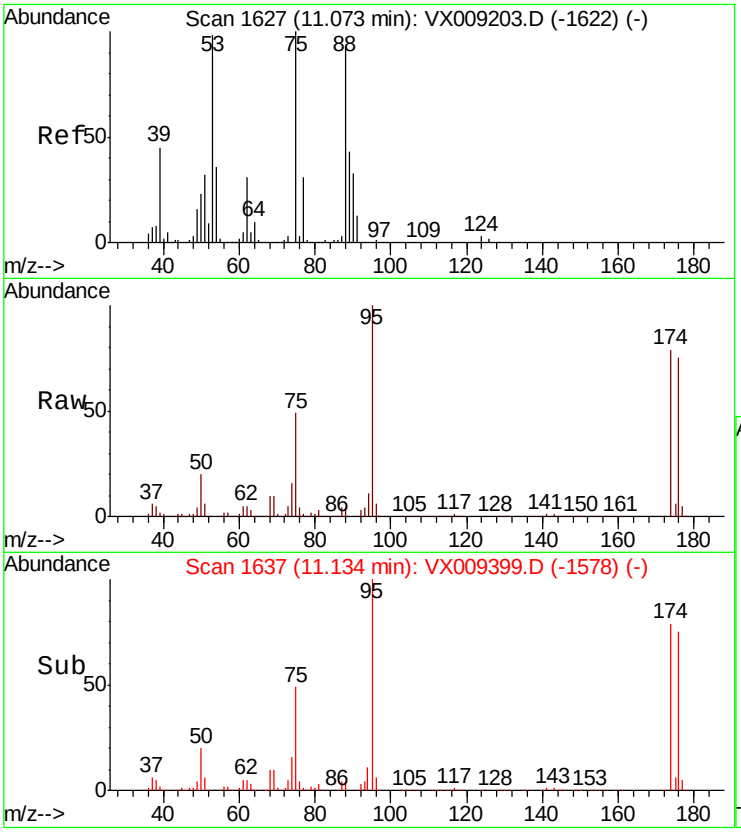


#80
1,3,5-Trimethylbenzene
Concen: 0.959 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion:105 Resp: 6633

Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.3	72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 60.792 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

Tgt Ion: 75 Resp: 62248

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.0	118.6#
89	0.1	34.7	52.1#