Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009832.D
Acq On : 23 May 2019 03:14
Operator : JC/SP
Sample : K2976-13 50X
Misc : 6.02g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 23 07:24:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292259	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123523	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.96%			
35) Dibromofluoromethane	5.50	113	88615	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.46%			
50) Toluene-d8	8.71	98	367929	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.20%			
62) 4-Bromofluorobenzene	11.13	95	138436	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.72%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.04	59	188	0.335	ug/l	95
16) Acetone	2.45	43	706	0.543	ug/l #	85
28) Bromochloromethane	5.00	49	86	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	533	0.410	ug/l #	38
31) Cyclohexane	5.67	56	4271	1.192	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14327	5.275	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16437	6.661	ug/l #	16
49) 1,4-Dioxane	7.73	88	23	0.378	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	444	0.213	ug/l #	15
59) 2-Hexanone	9.45	43	2334	0.751	ug/l #	30
73) Isopropylbenzene	11.02	105	3209	0.331	ug/l	93
74) N-amyl acetate	10.91	43	28290	5.005	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	18478	5.112	ug/l #	25
76) 1,2,3-Trichloropropane	11.13	75	71269	23.043	ug/l #	35
78) n-propylbenzene	11.36	91	12605	1.138	ug/l	97
79) 2-Chlorotoluene	11.46	91	2064	0.302	ug/l	87
80) 1,3,5-Trimethylbenzene	11.45	105	11467	1.405	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.13	75	71269	58.958	ug/l #	13
82) 4-Chlorotoluene	11.46	91	1594	0.207	ug/l	93
83) tert-Butylbenzene	11.77	119	4674	0.589	ug/l	80
84) 1,2,4-Trimethylbenzene	11.80	105	193912	23.663	ug/l	99
85) sec-Butylbenzene	11.94	105	26152	2.777	ug/l	96
86) p-Isopropyltoluene	12.06	119	36884	4.357	ug/l	98
89) n-Butylbenzene	12.38	91	30438	3.978	ug/l #	68
90) Hexachloroethane	12.58	117	5521	3.828	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.01	75	557	0.687	ug/l #	3
95) Naphthalene	13.83	128	3703	0.381	ug/l #	77

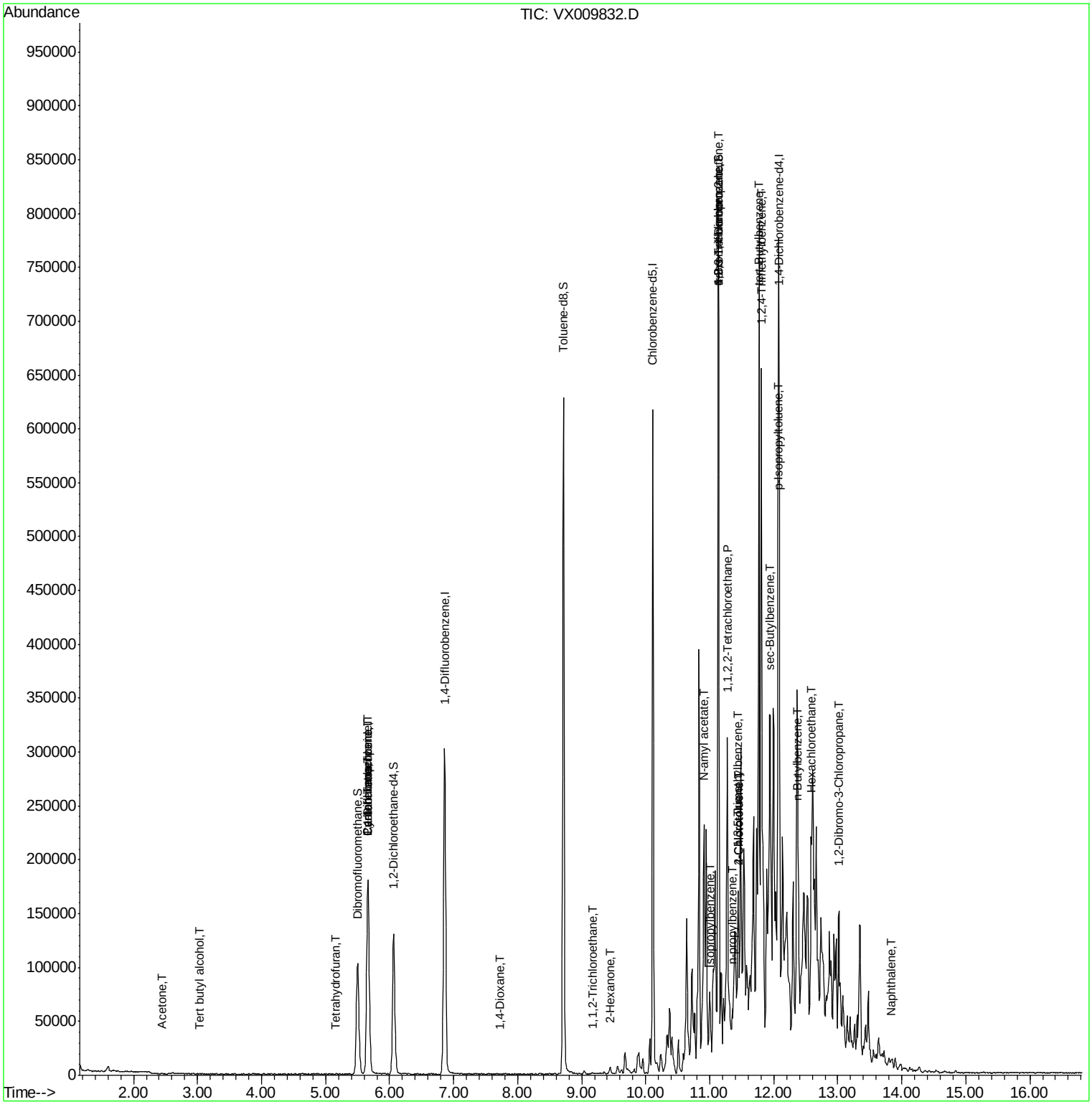
(#) = qualifier out of range (m) = manual integration (+) = signals summed

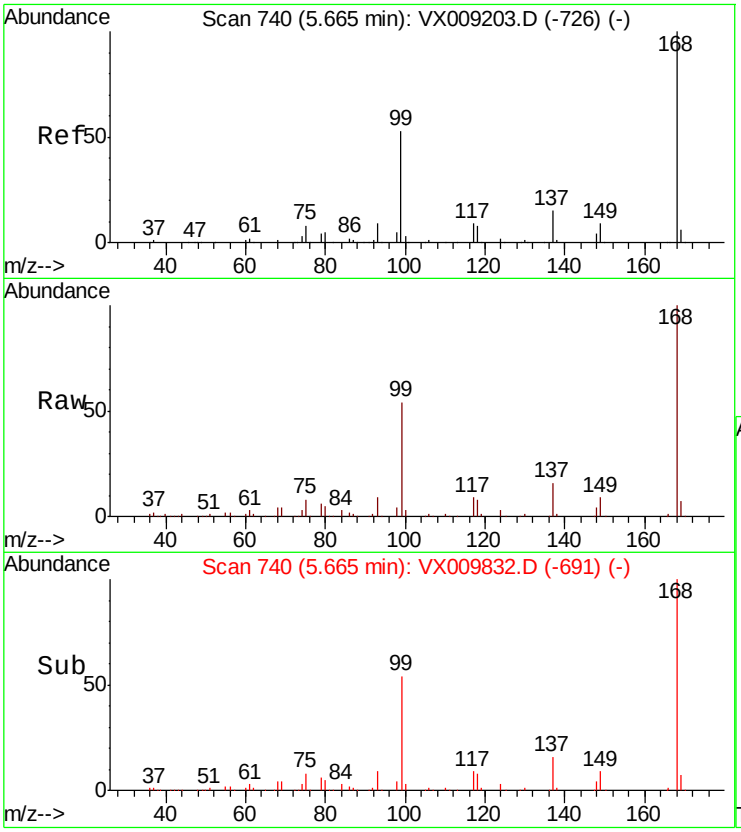
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009832.D
Acq On : 23 May 2019 03:14
Operator : JC/SP
Sample : K2976-13 50X
Misc : 6.02g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 23 07:24:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



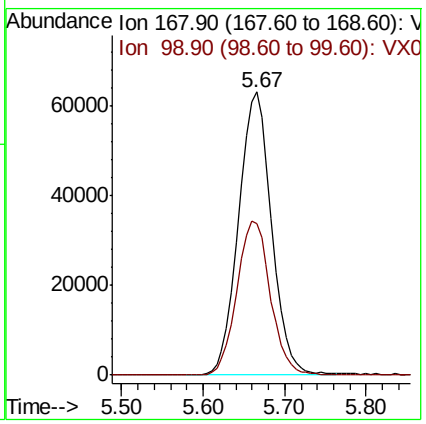


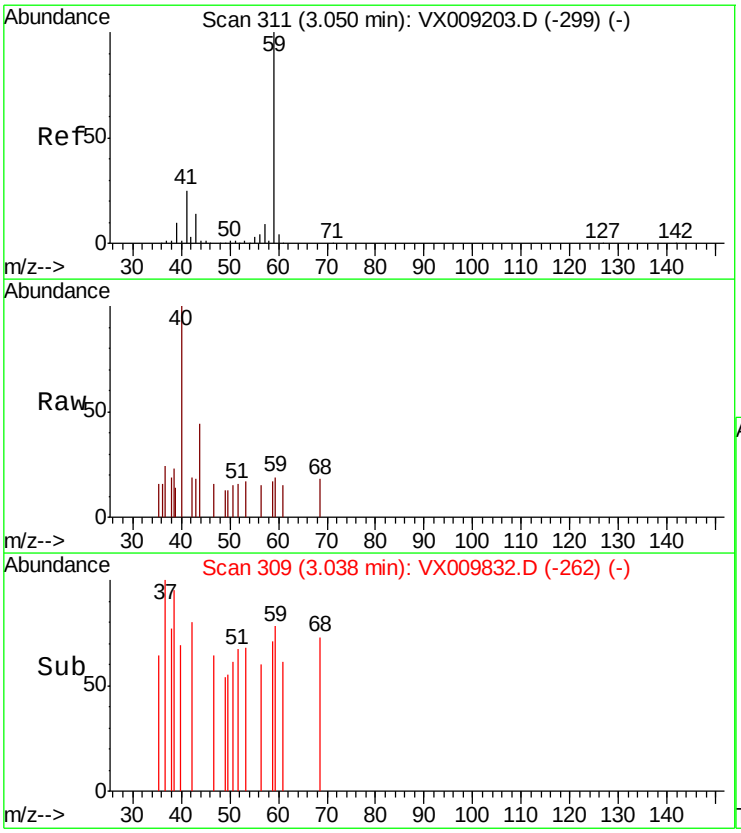
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 177476

Ion	Ratio	Lower	Upper
168	100		
99	53.7	42.3	63.5

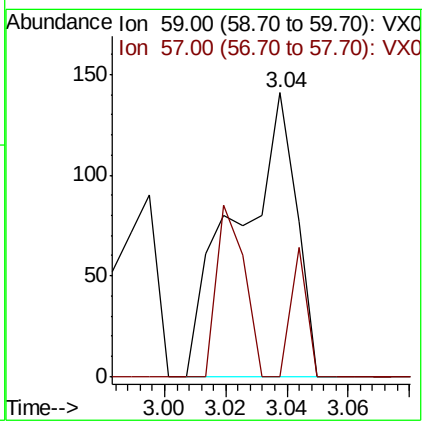


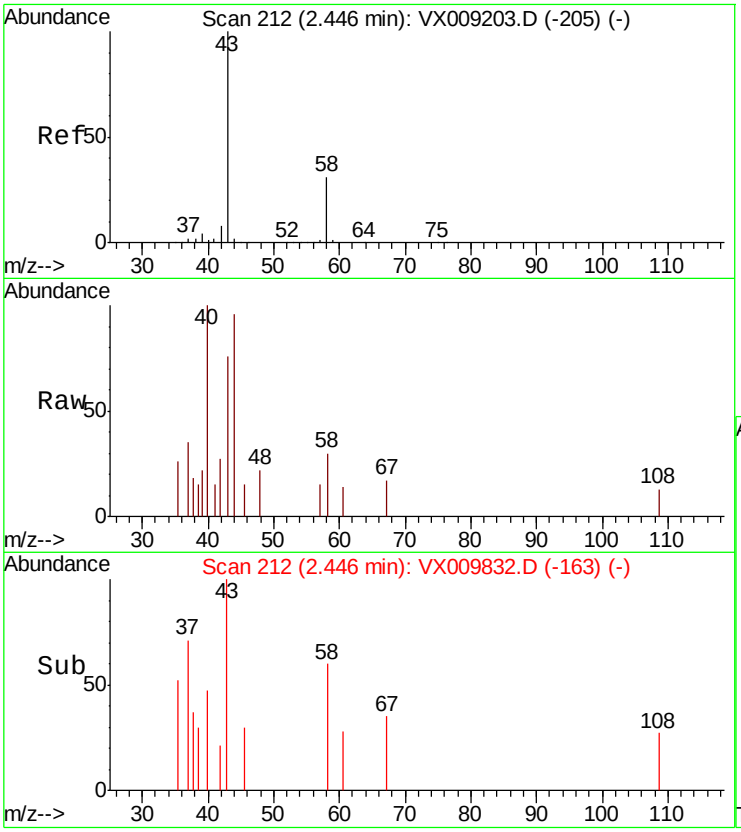


#11
Tert butyl alcohol
Concen: 0.335 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 59 Resp: 188

Ion	Ratio	Lower	Upper
59	100		
57	12.2	8.2	12.2



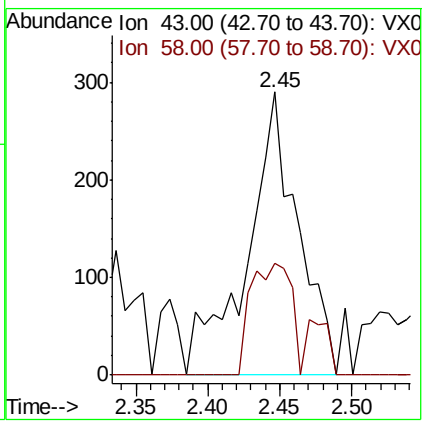


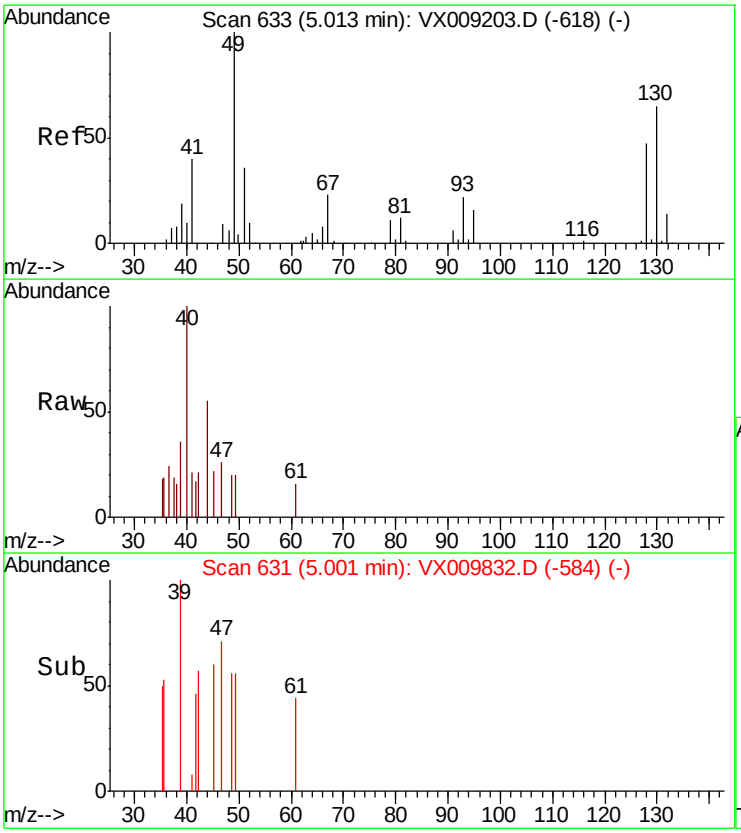
#16
Acetone
Concen: 0.543 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 706

Ion	Ratio	Lower	Upper
43	100		
58	39.3	24.9	37.3#

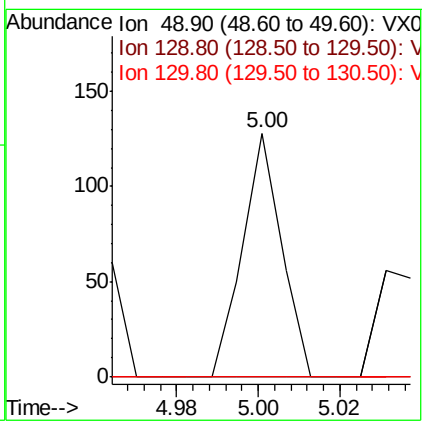


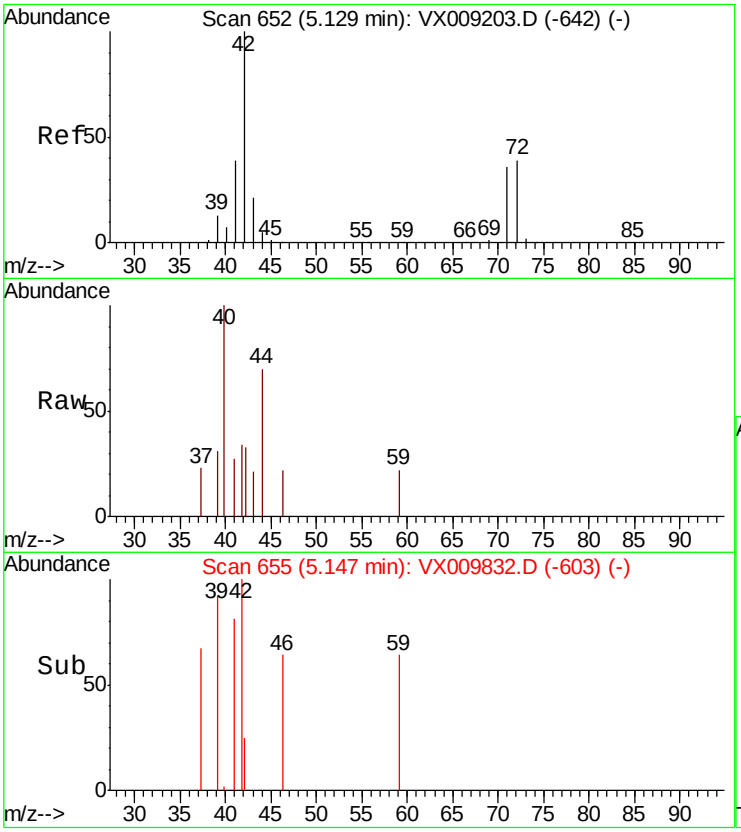


#28
Bromochloromethane
Concen: Below Cal
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 49 Resp: 86

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



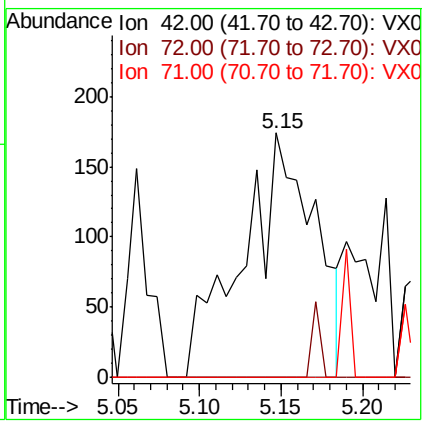


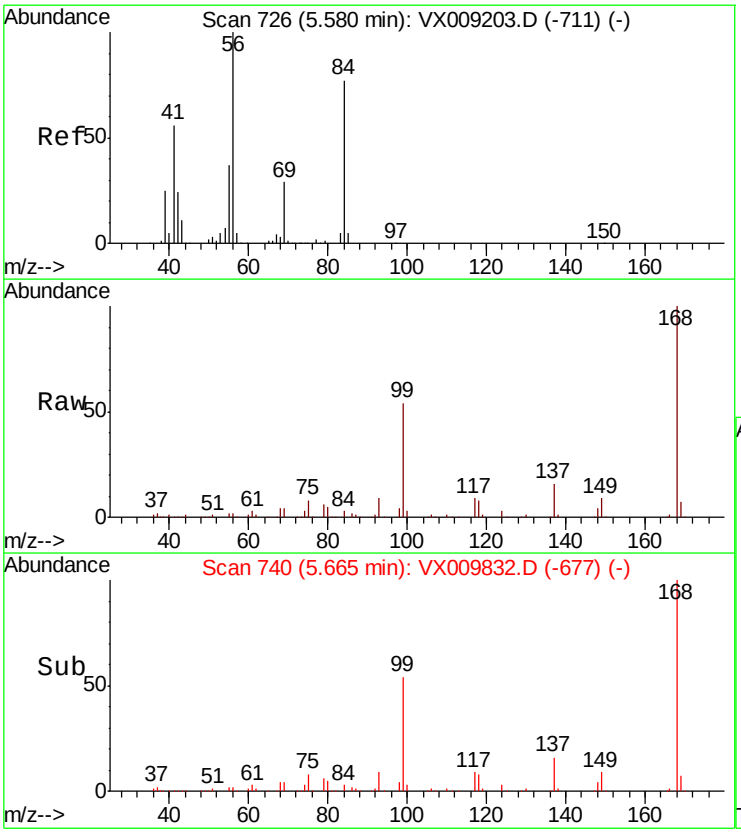
#29
Tetrahydrofuran
Concen: 0.410 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 533

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.4	45.6#
71	0.0	28.6	43.0#

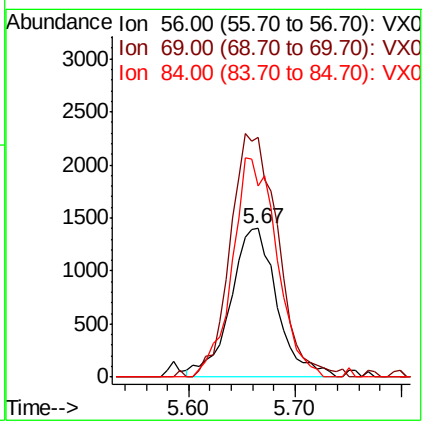


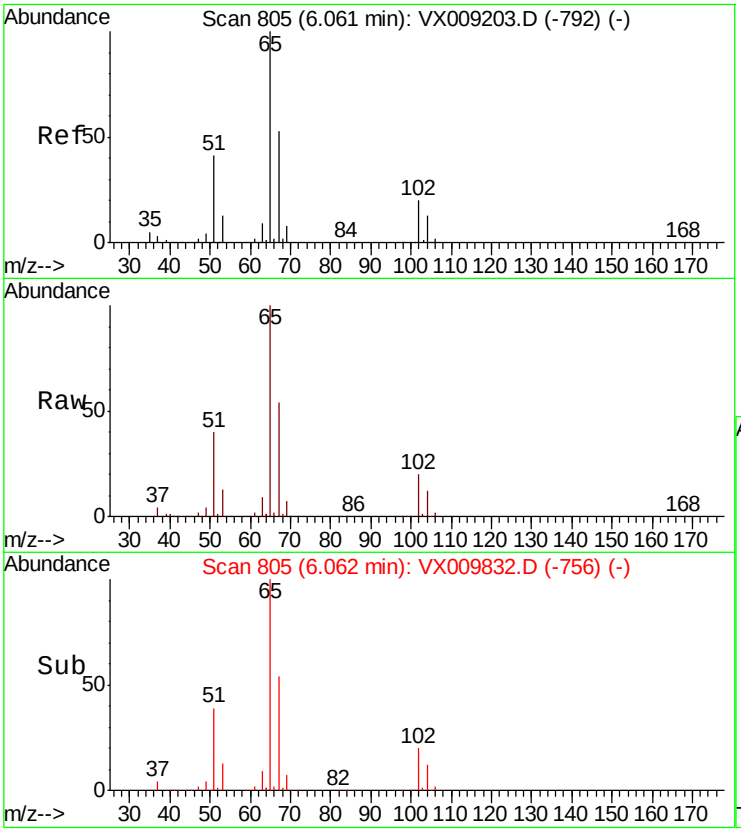


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 56 Resp: 4271

Ion	Ratio	Lower	Upper
56	100		
69	160.8	23.4	35.0#
84	128.0	61.9	92.9#



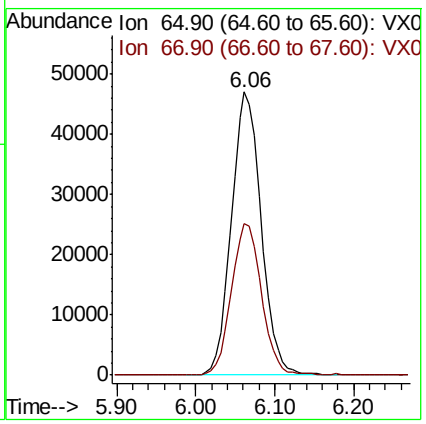


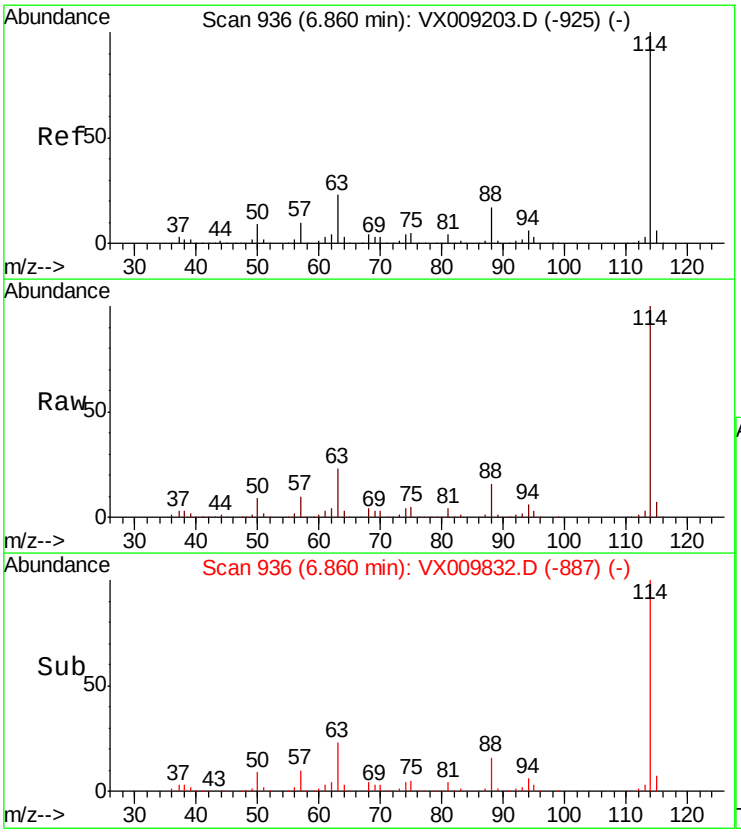
#33
1,2-Dichloroethane-d4
Concen: 50.984 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 123523

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	106.6

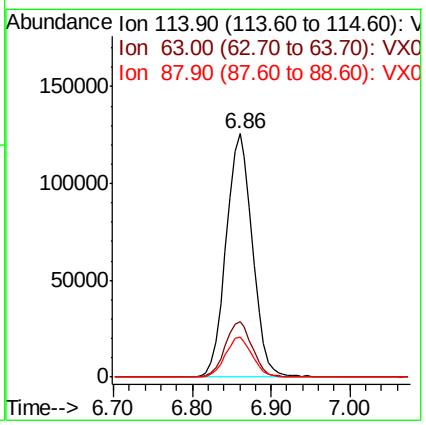


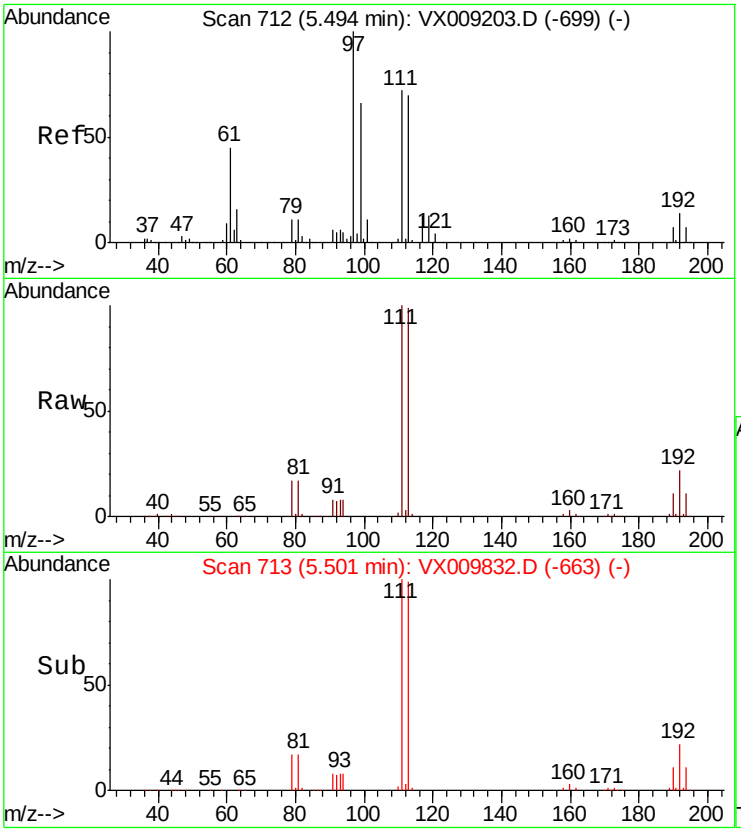


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion:114 Resp: 292259

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	16.4	0.0	33.2



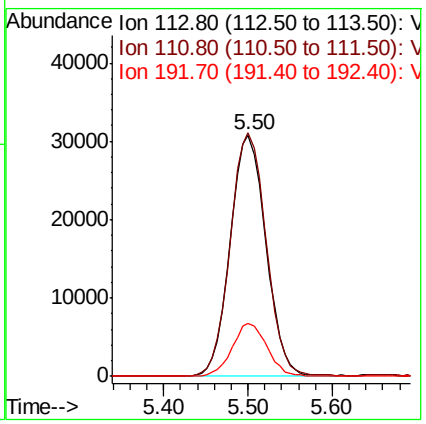


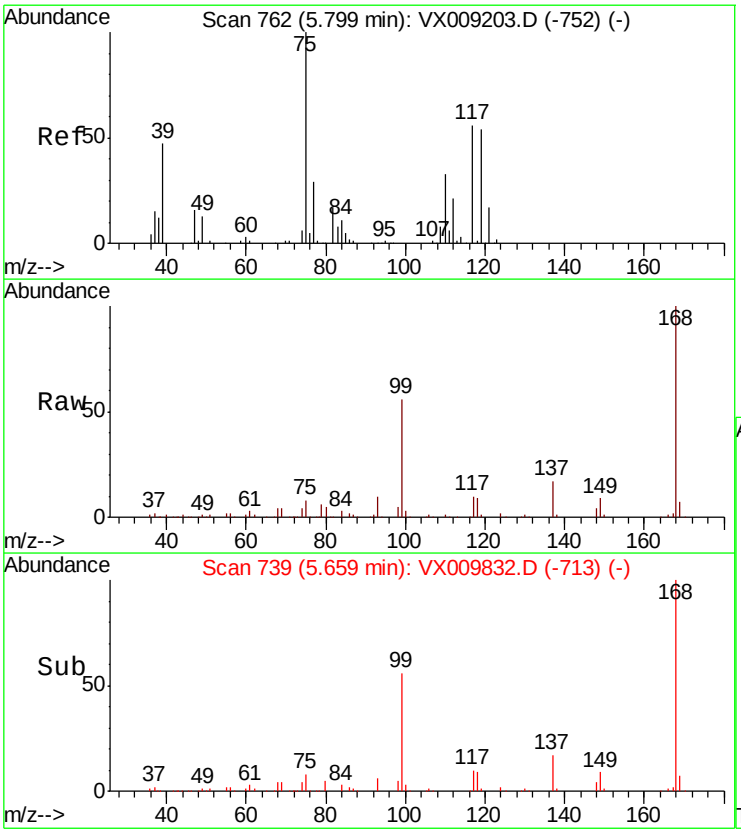
#35
Dibromofluoromethane
Concen: 48.232 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 88615

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.8	124.2
192	21.3	17.0	25.6

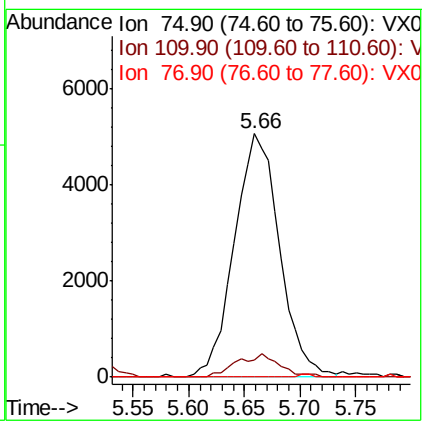


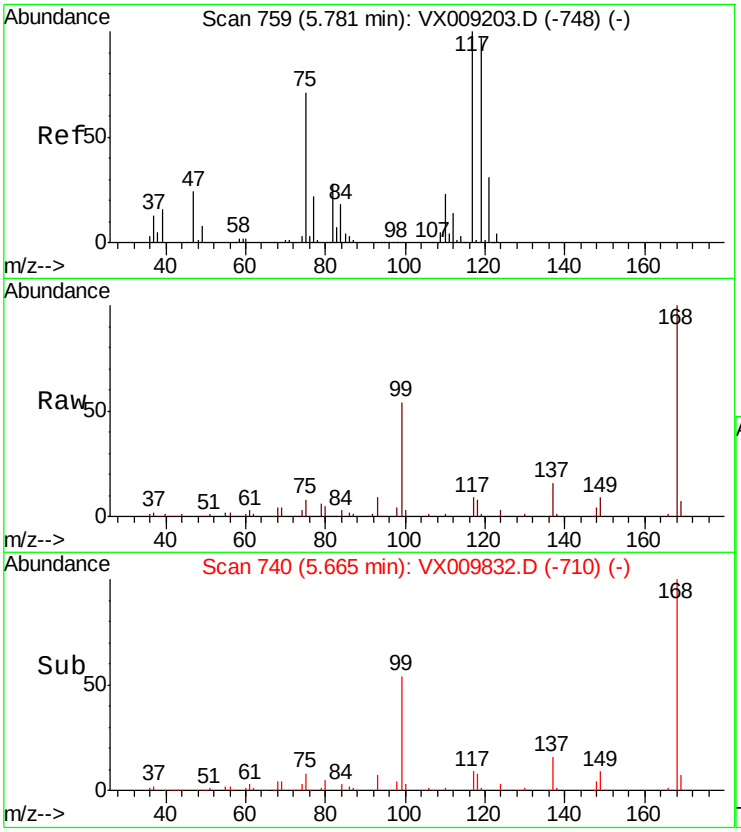


#36
1,1-Dichloropropene
Concen: 5.275 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 75 Resp: 14327

Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.9	50.6#
77	0.0	24.8	37.2#



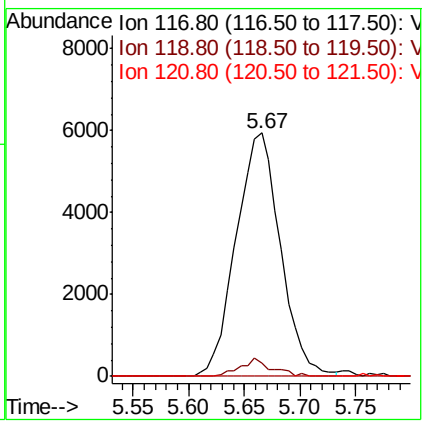


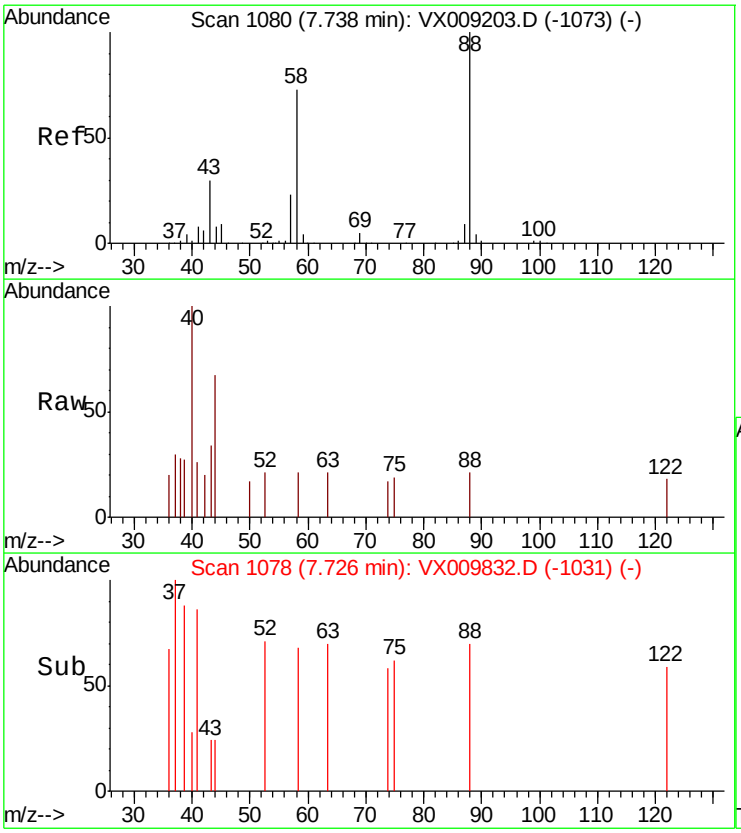
#38
Carbon Tetrachloride
Concen: 6.661 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 16437

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.5	116.3#
121	0.0	24.7	37.1#

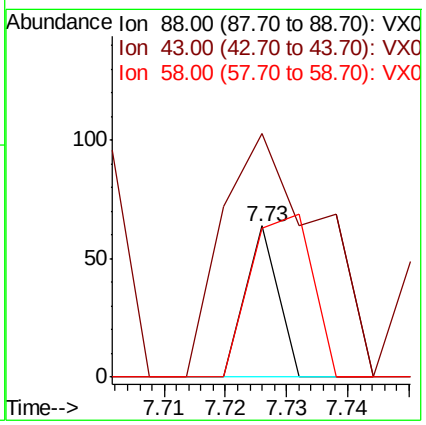


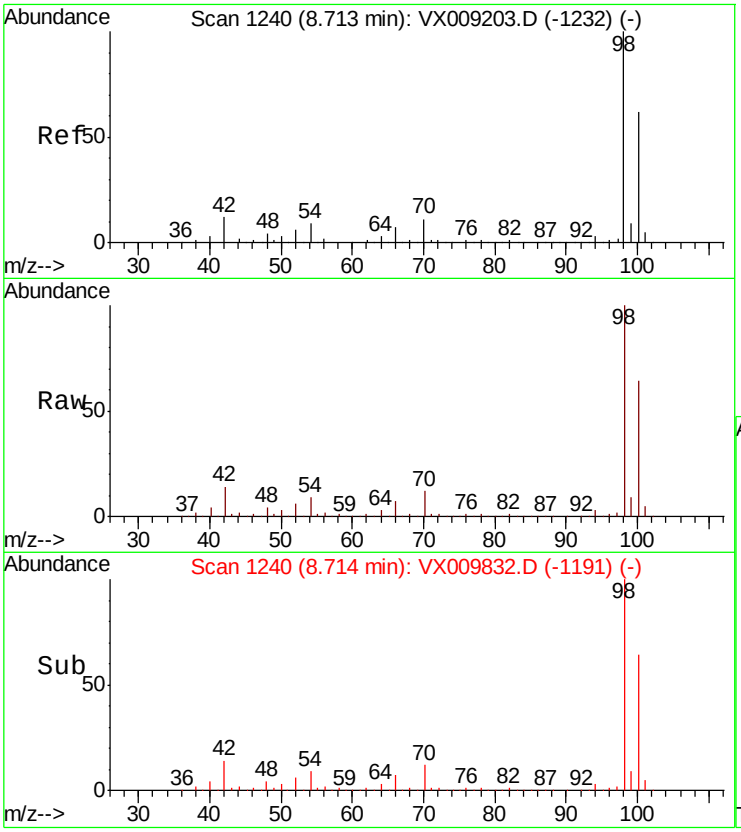


#49
1,4-Dioxane
Concen: 0.378 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	491.3	28.6	42.8#
58	208.7	61.7	92.5#



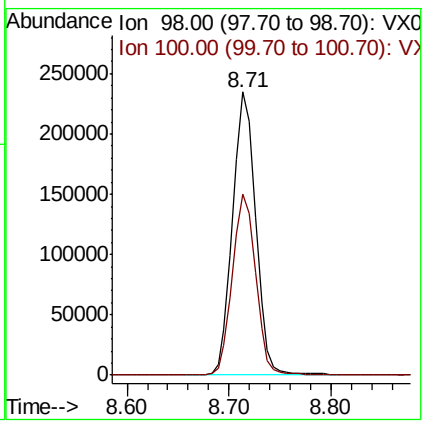


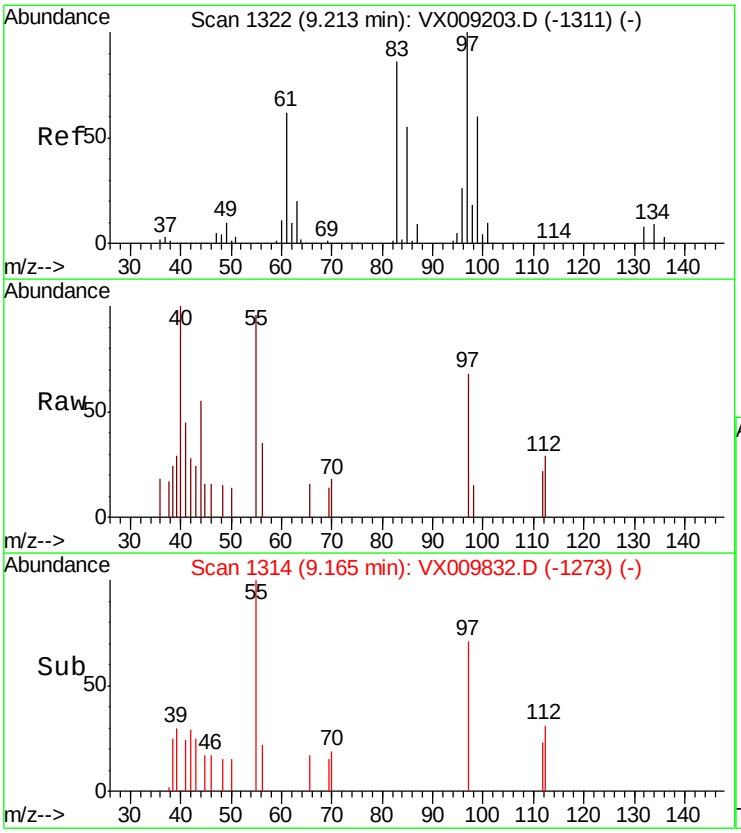
#50
Toluene-d8
Concen: 49.603 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 367929

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8

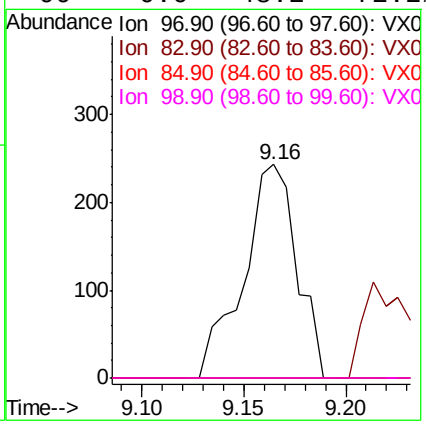


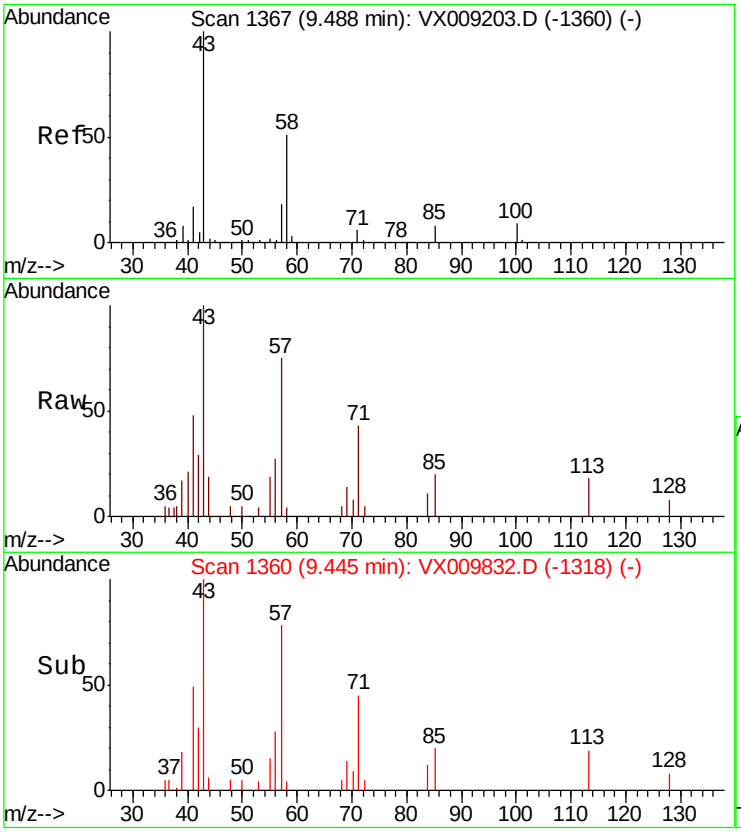


#55
1,1,2-Trichloroethane
Concen: 0.213 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 97 Resp: 444

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.9	103.3#
85	0.0	43.8	65.6#
99	0.0	48.2	72.2#



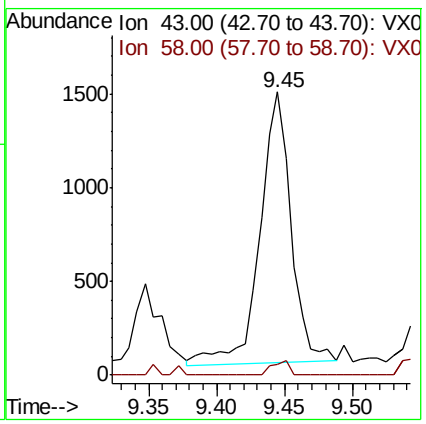


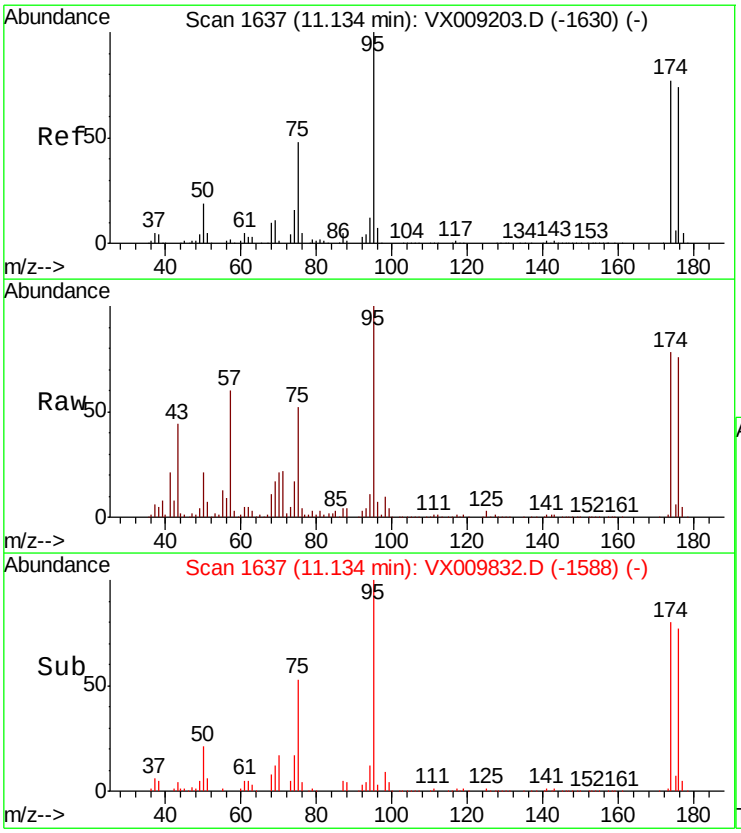
#59
2-Hexanone
Concen: 0.751 ug/l
RT: 9.45 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2334

Ion	Ratio	Lower	Upper
43	100		
58	2.9	25.9	77.7#

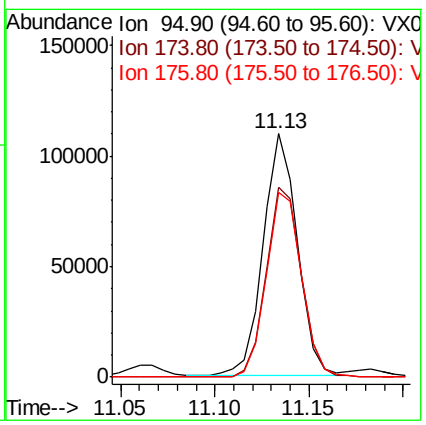


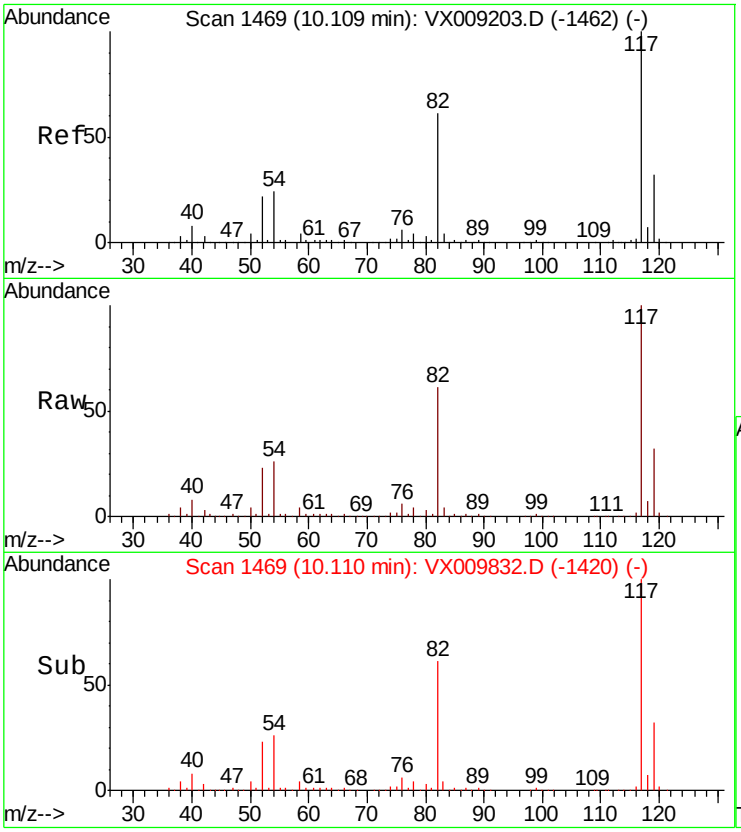


#62
4-Bromofluorobenzene
Concen: 51.363 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 95 Resp: 138436

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	161.6
176	78.2	0.0	159.2



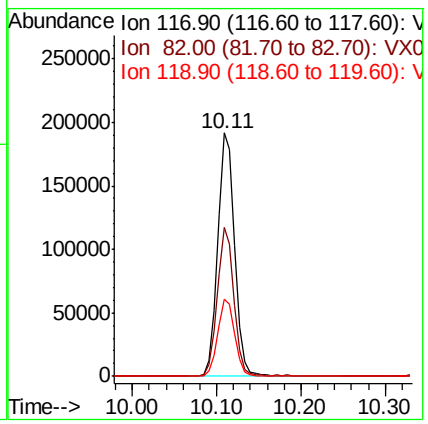


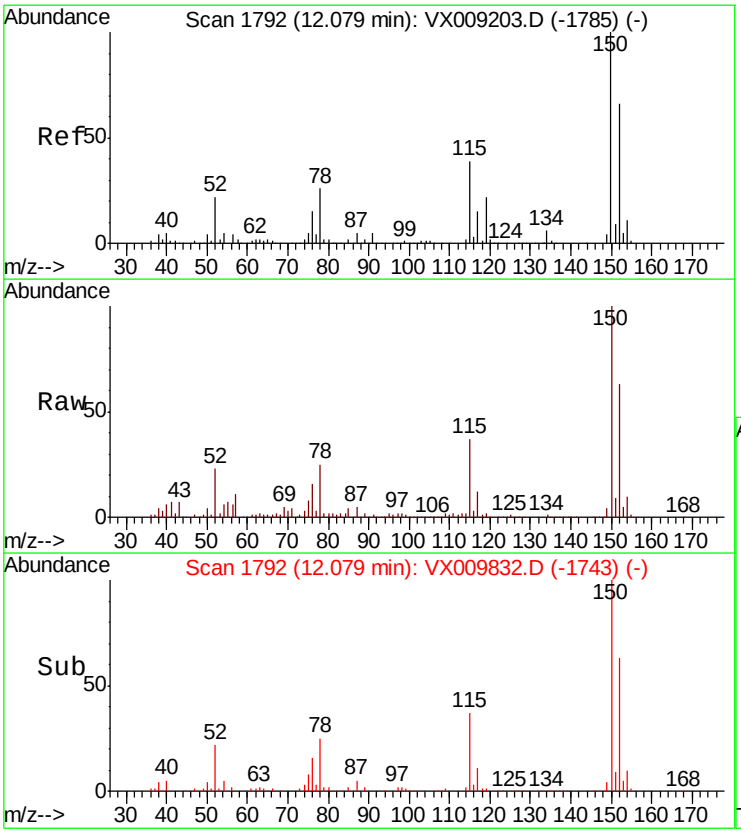
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 267062

Ion	Ratio	Lower	Upper
117	100		
82	61.3	48.8	73.2
119	31.7	25.8	38.6

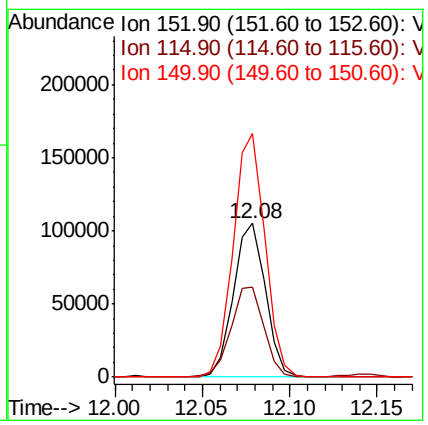


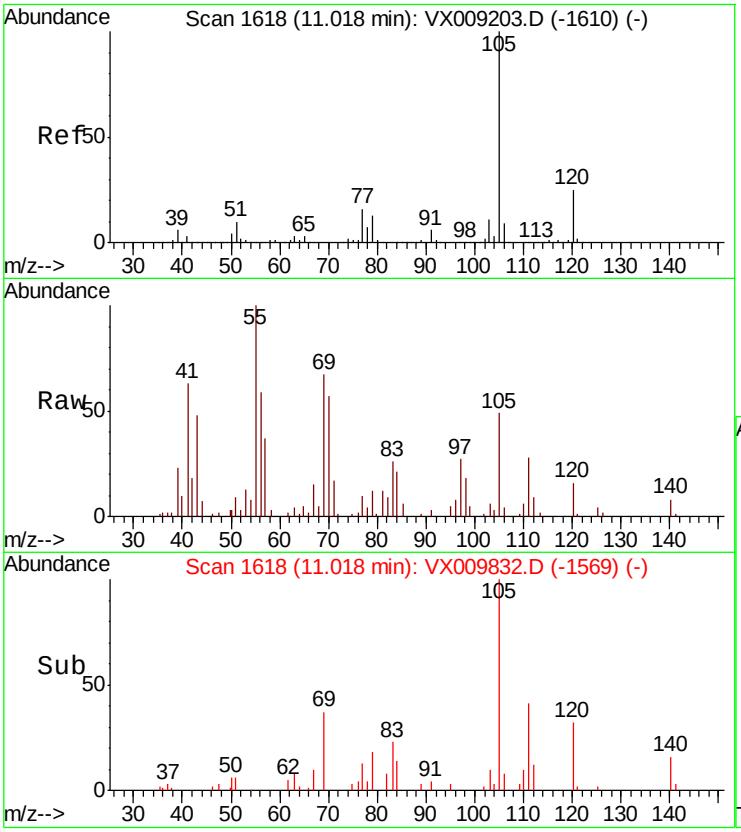


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion:152 Resp: 133336

Ion	Ratio	Lower	Upper
152	100		
115	61.1	41.2	123.6
150	157.4	0.0	346.4



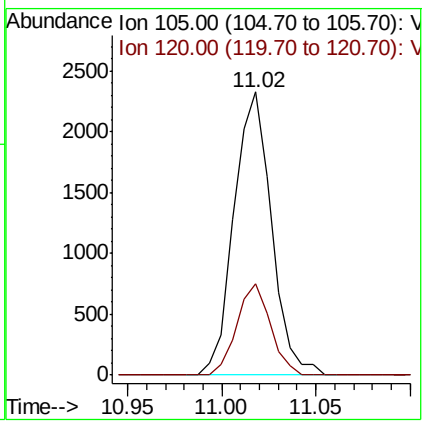


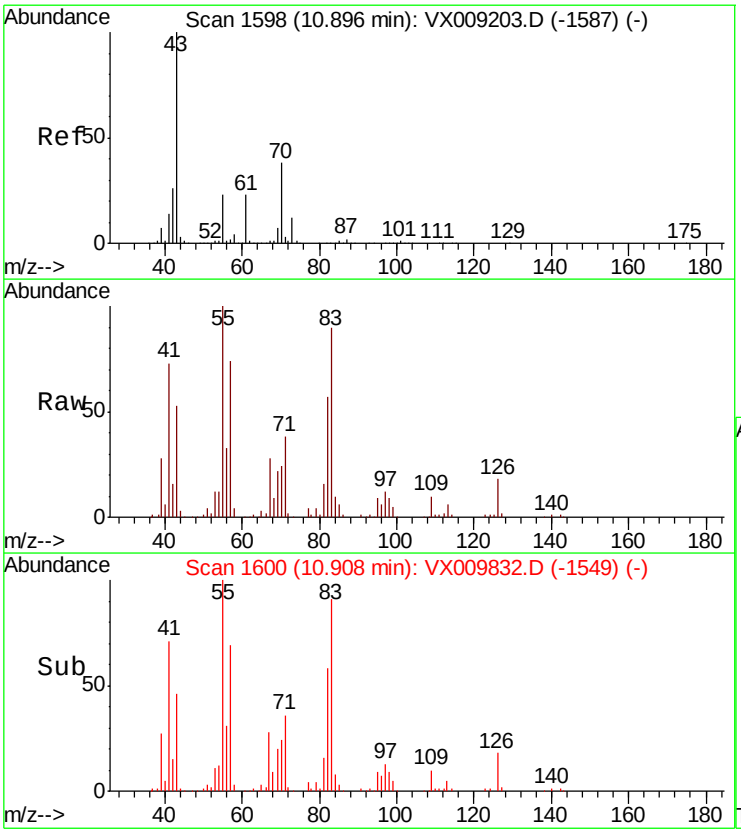
#73
Isopropylbenzene
Concen: 0.331 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 3209

Ion	Ratio	Lower	Upper
105	100		
120	28.9	12.8	38.3

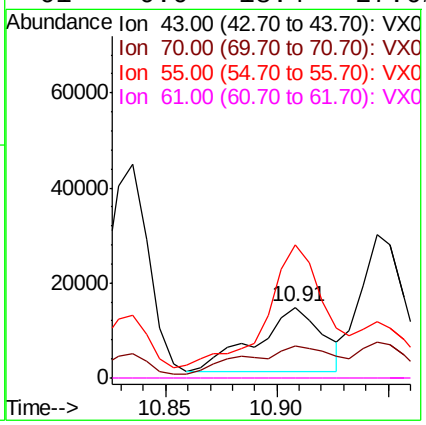


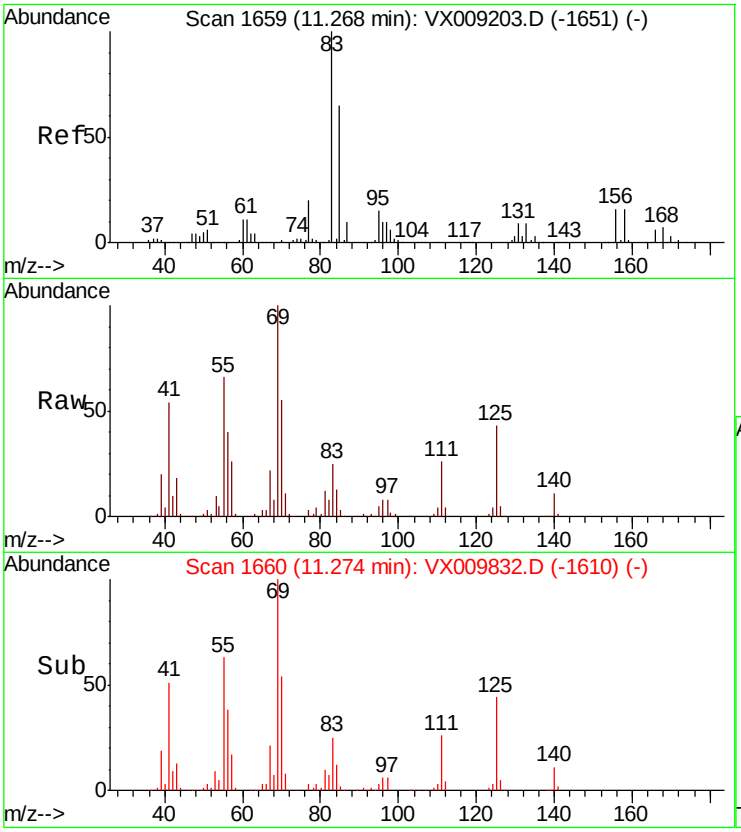


#74
N-amyl acetate
Concen: 5.005 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 43 Resp: 28290

Ion	Ratio	Lower	Upper
43	100		
70	62.1	30.0	45.0#
55	162.4	17.9	26.9#
61	0.0	18.4	27.6#



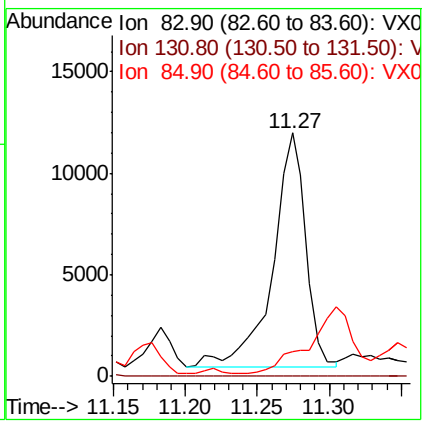


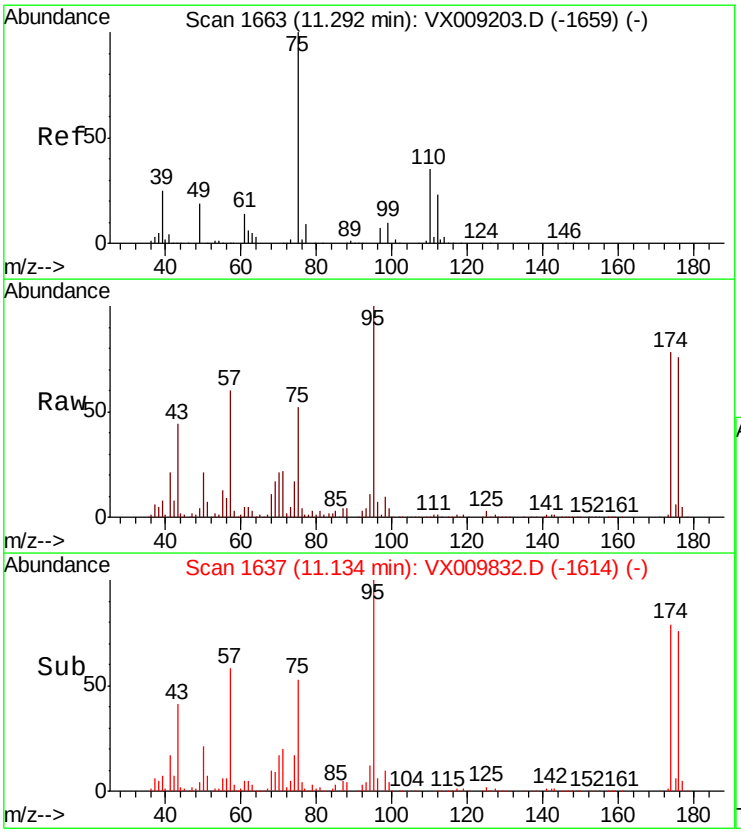
#75
1,1,2,2-Tetrachloroethane
Concen: 5.112 ug/l
RT: 11.27 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 18478

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.6	13.8#
85	0.0	32.0	96.2#

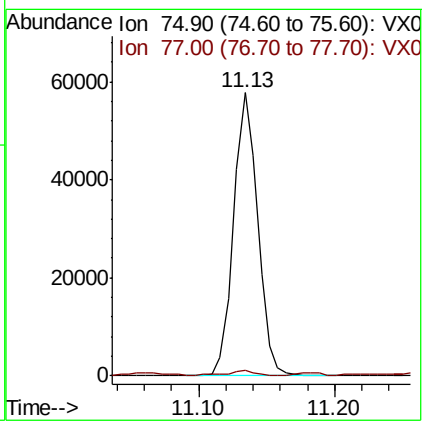


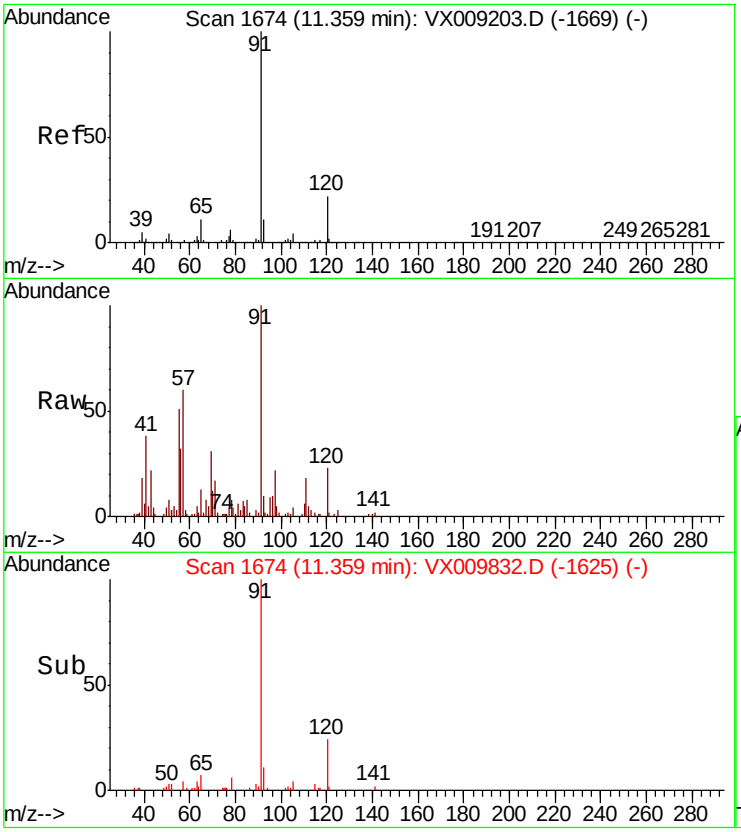


#76
1,2,3-Trichloropropane
Concen: 23.043 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 75 Resp: 71269

Ion	Ratio	Lower	Upper
75	100		
77	1.8	22.1	66.1#



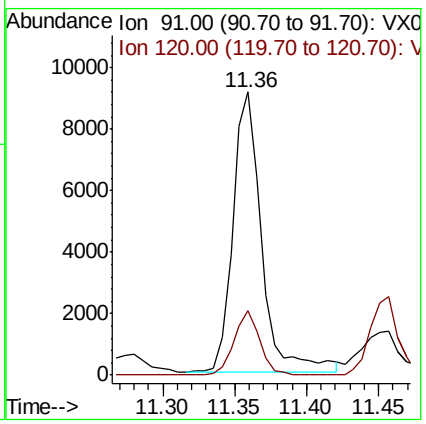


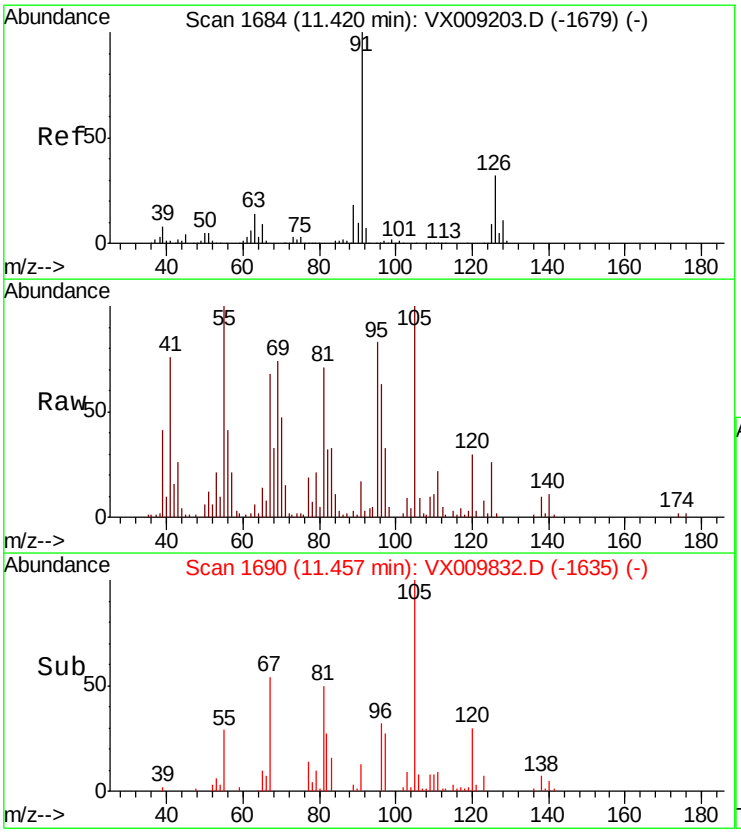
#78
n-propylbenzene
Concen: 1.138 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 12605

Ion	Ratio	Lower	Upper
91	100		
120	20.7	11.0	33.0

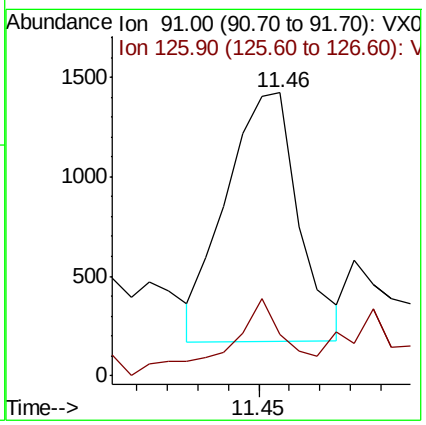


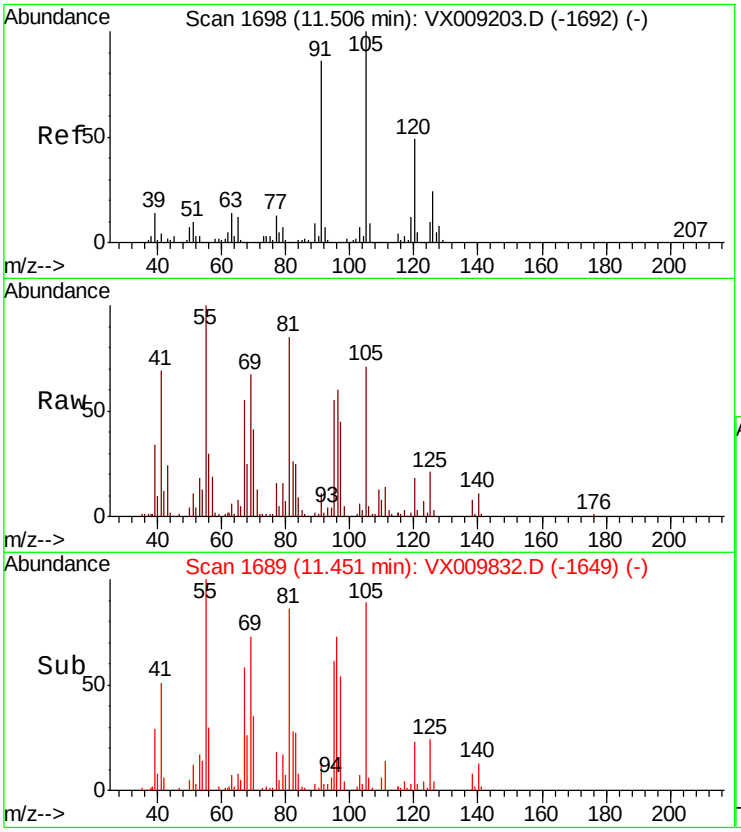


#79
2-Chlorotoluene
Concen: 0.302 ug/l
RT: 11.46 min Scan# 1690
Delta R.T. 0.04 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 91 Resp: 2064

Ion	Ratio	Lower	Upper
91	100		
126	25.4	16.3	48.9



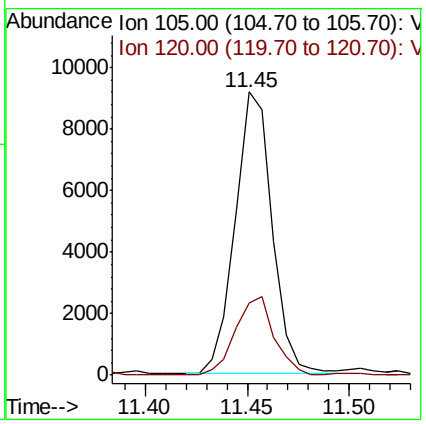


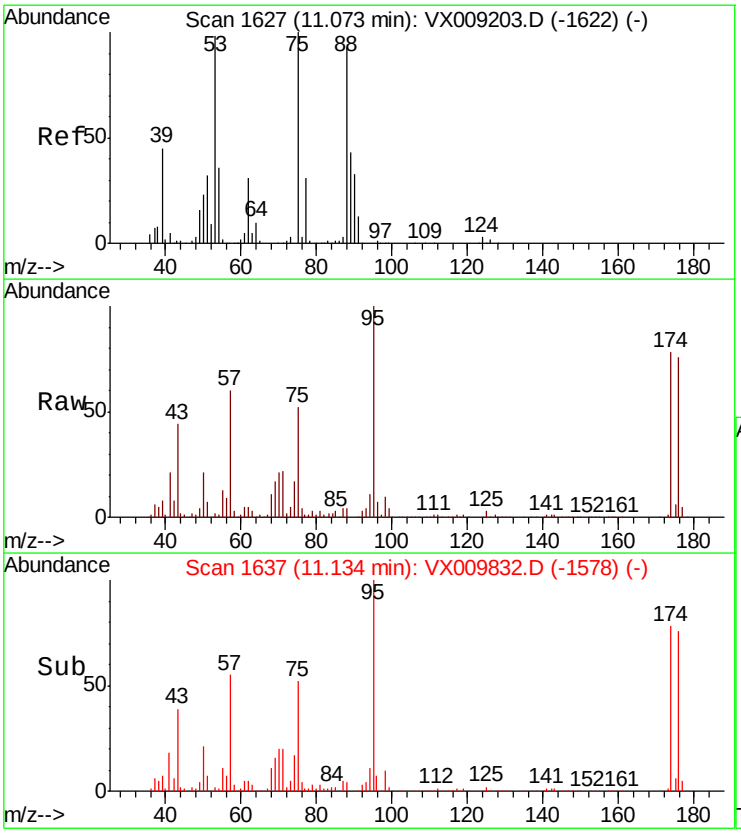
#80
1,3,5-Trimethylbenzene
Concen: 1.405 ug/l
RT: 11.45 min Scan# 1689
Delta R.T. -0.05 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 11467

Ion	Ratio	Lower	Upper
105	100		
120	29.3	24.3	72.9

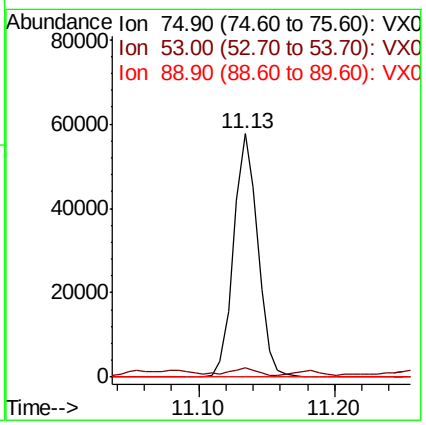


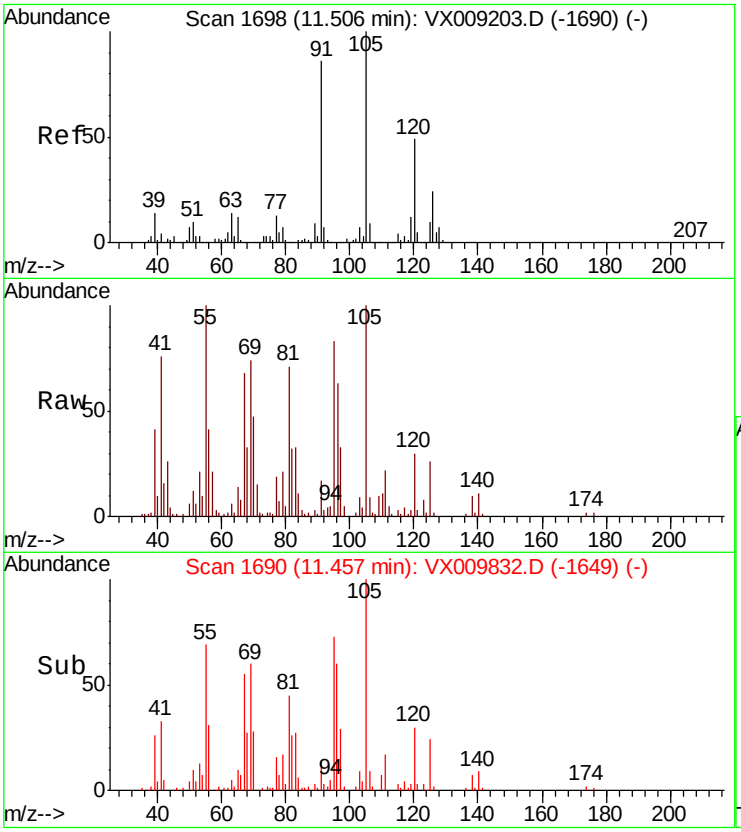


#81
trans-1,4-Dichloro-2-butene
Concen: 58.958 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 75 Resp: 71269

Ion	Ratio	Lower	Upper
75	100		
53	3.9	79.0	118.6#
89	0.0	34.7	52.1#



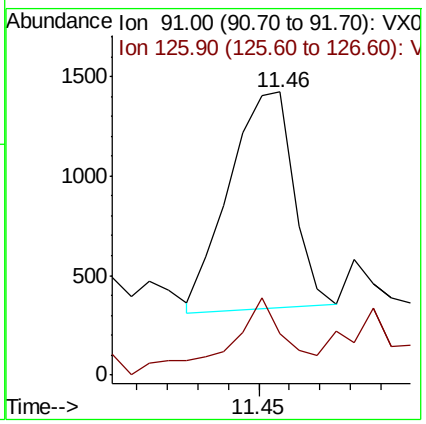


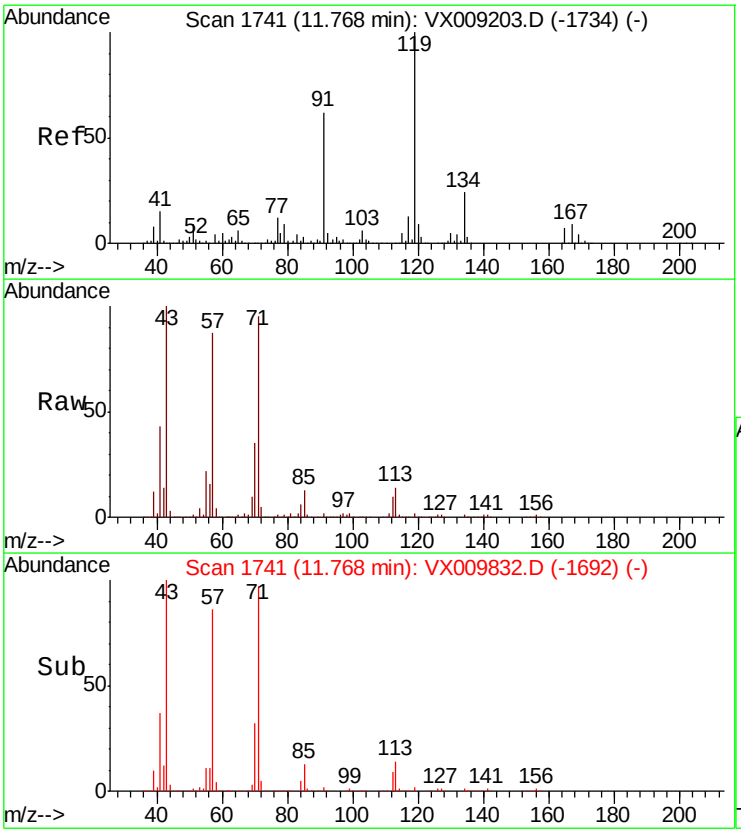
#82
4-Chlorotoluene
Concen: 0.207 ug/l
RT: 11.46 min Scan# 1690
Delta R.T. -0.05 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 1594

Ion	Ratio	Lower	Upper
91	100		
126	32.9	14.5	43.6

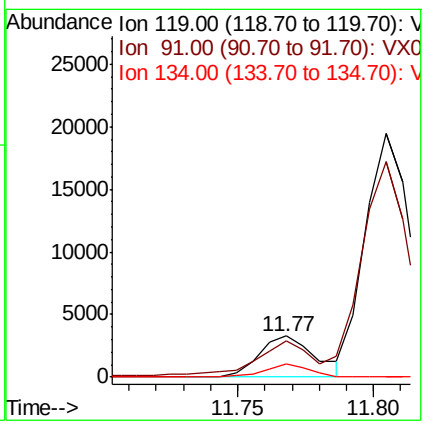


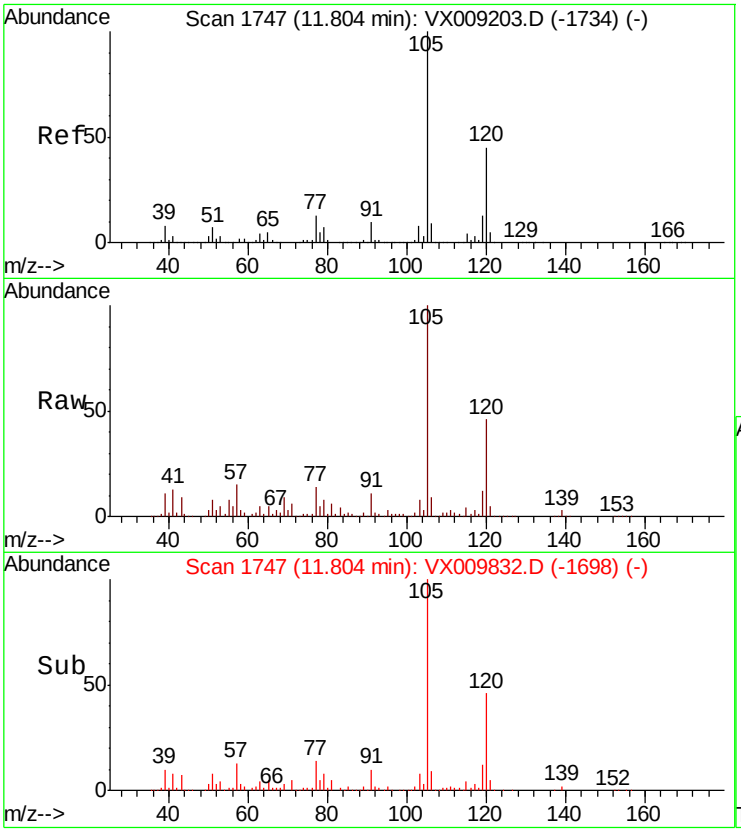


#83
tert-Butylbenzene
Concen: 0.589 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion:119 Resp: 4674

Ion	Ratio	Lower	Upper
119	100		
91	77.8	29.5	88.5
134	25.8	11.4	34.1



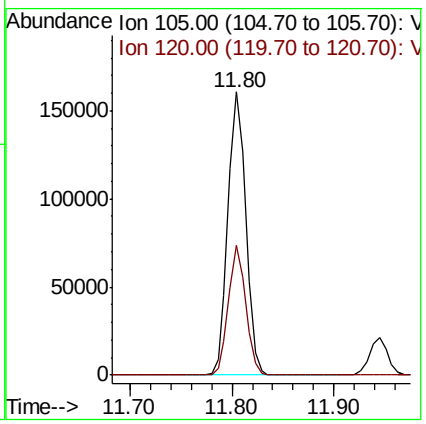


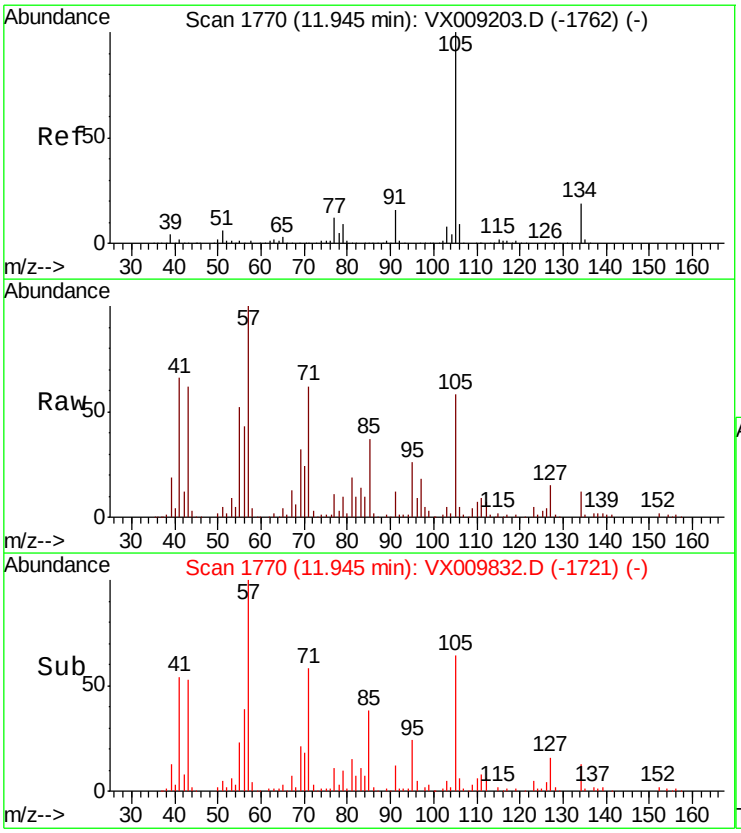
#84
1,2,4-Trimethylbenzene
Concen: 23.663 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 193912

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.0	66.0

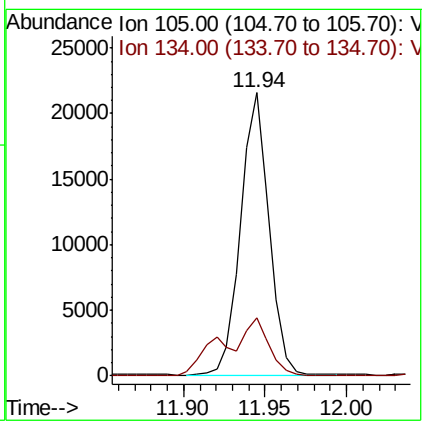


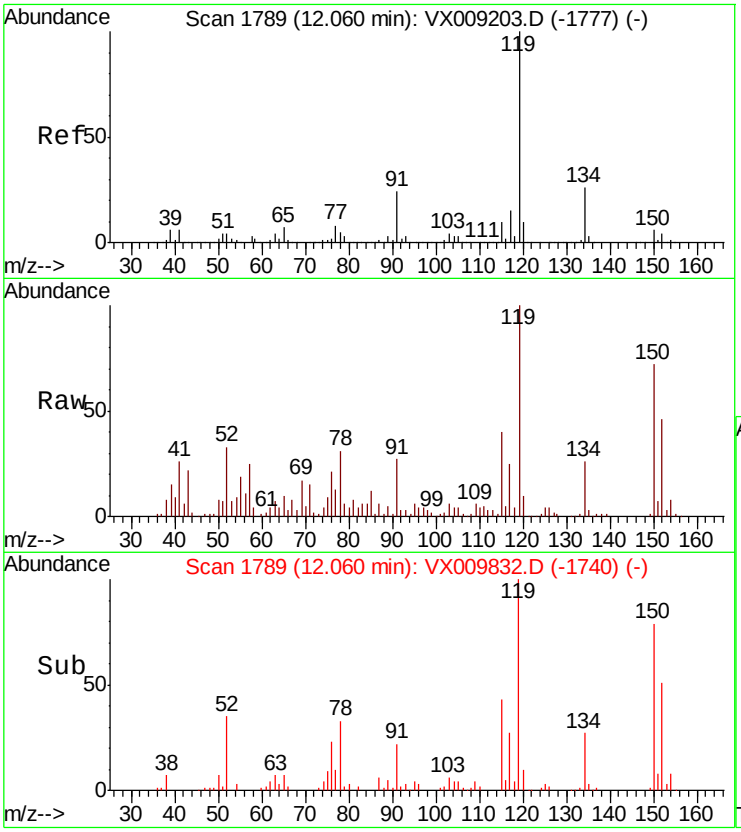


#85
sec-Butylbenzene
Concen: 2.777 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion:105 Resp: 26152

Ion	Ratio	Lower	Upper
105	100		
134	17.4	9.7	28.9



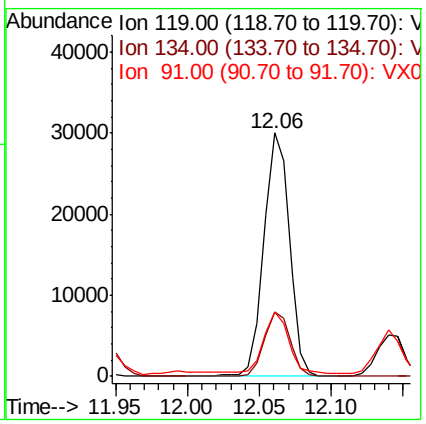


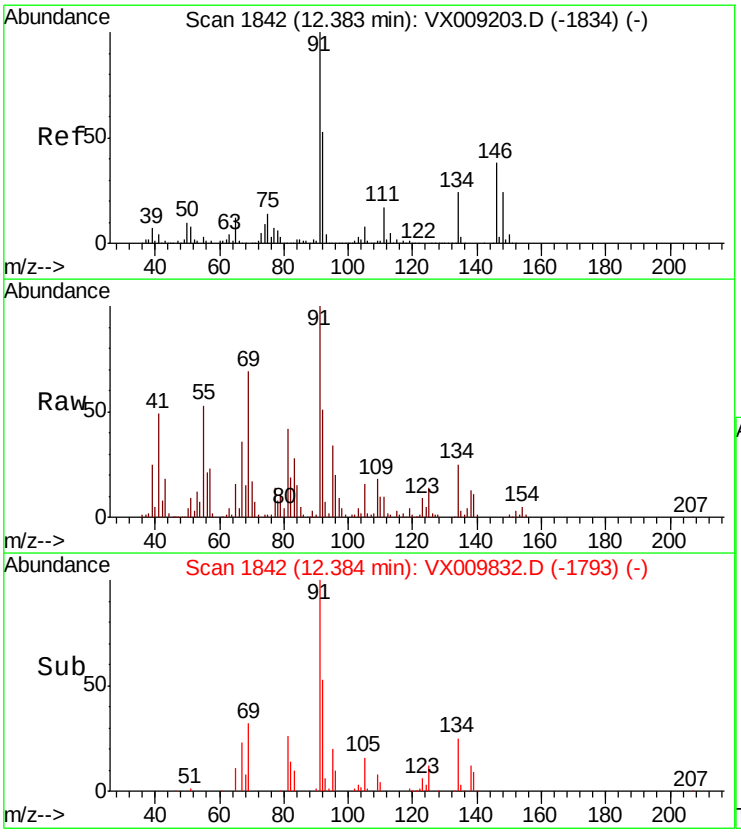
#86
p-Isopropyltoluene
Concen: 4.357 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 36884

Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.9	38.7
91	24.7	11.8	35.4

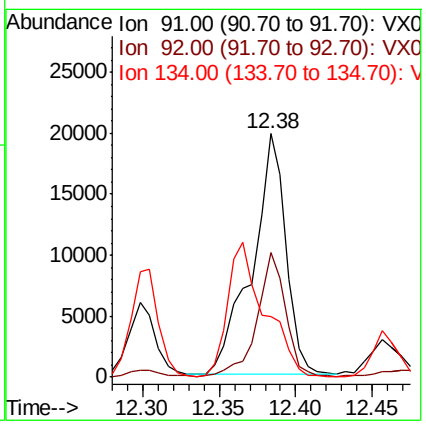


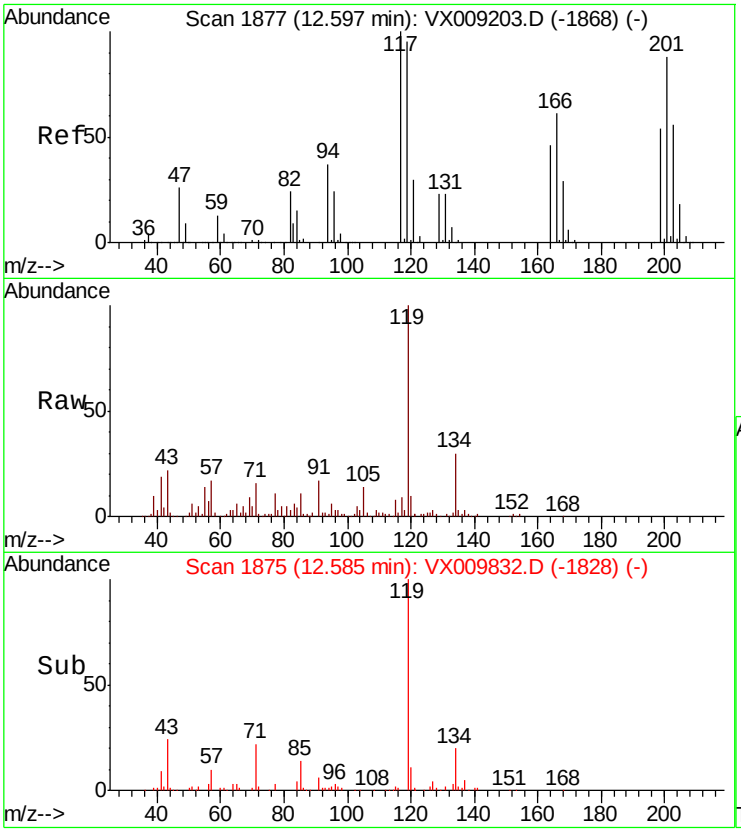


#89
n-Butylbenzene
Concen: 3.978 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 91 Resp: 30438

Ion	Ratio	Lower	Upper
91	100		
92	44.0	26.5	79.5
134	61.7	12.4	37.2#



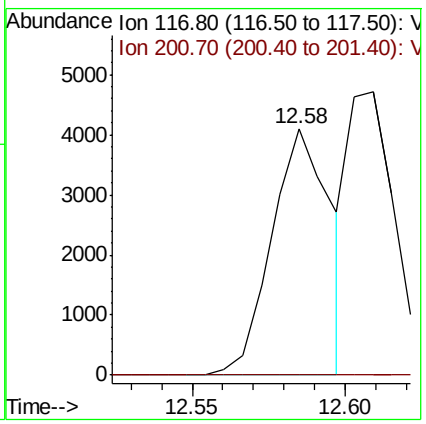


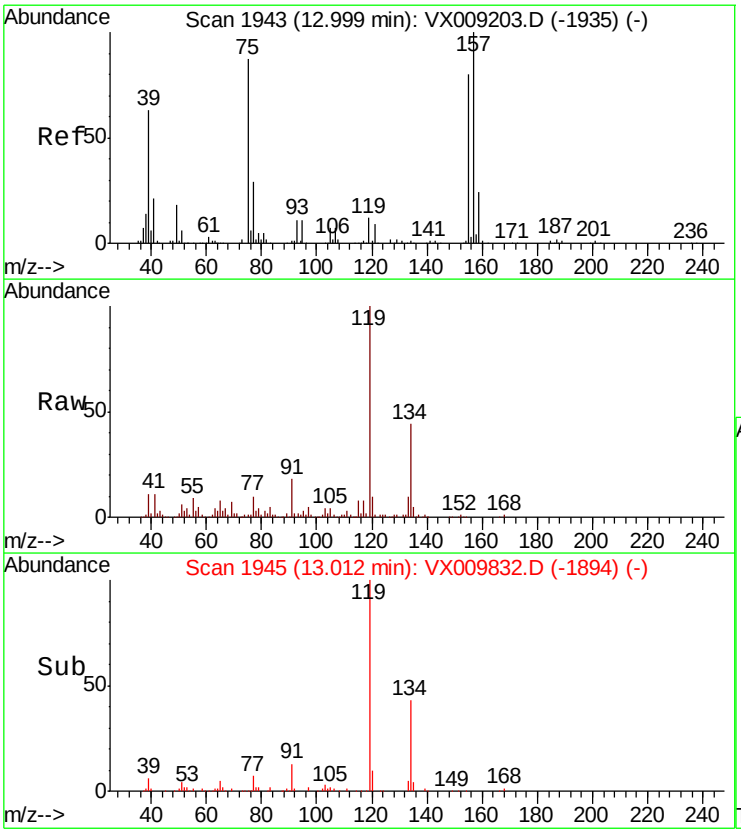
#90
Hexachloroethane
Concen: 3.828 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 5521

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.3	126.9#

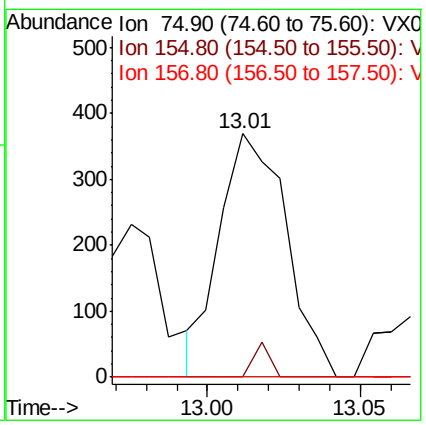


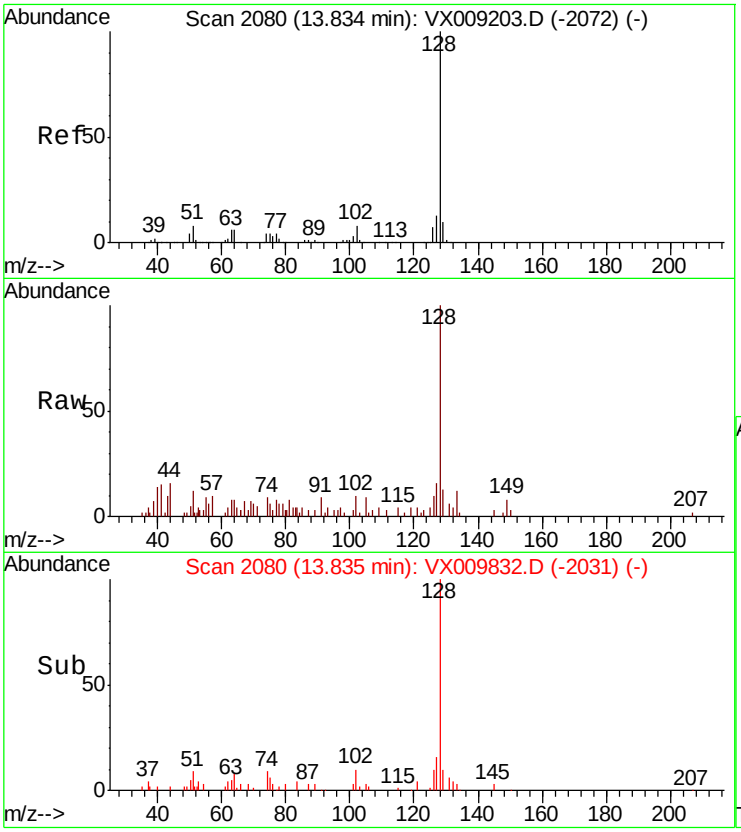


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.687 ug/l
RT: 13.01 min Scan# 1945
Delta R.T. 0.01 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Tgt Ion: 75 Resp: 557

Ion	Ratio	Lower	Upper
75	100		
155	3.6	42.0	126.0#
157	0.0	53.2	159.6#





#95
Naphthalene
Concen: 0.381 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009832.D
Acq: 23 May 2019 03:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 3703

Ion	Ratio	Lower	Upper
128	100		
127	20.5	10.4	15.6#
129	21.0	8.6	13.0#