Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
Data File : VX011759.D
Acq On : 22 Aug 2019 14:10
Operator : JC/SP
Sample : K4388-25
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T4-B3-(2)

Quant Time: Aug 23 02:01:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	455215	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	628605	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	575486	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	281331	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	217634	47.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.18%				
35) Dibromofluoromethane	5.49	113	191134	47.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.04%				
50) Toluene-d8	8.71	98	717445	50.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.20%				
62) 4-Bromofluorobenzene	11.13	95	253590	45.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.50%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	852	0.229	ug/l	#	56
8) Diethyl Ether	2.28	74	627	0.311	ug/l		58
10) Methyl Iodide	2.51	142	1131	0.252	ug/l	#	41
11) Tert butyl alcohol	3.01	59	8389	9.284	ug/l	#	85
13) Acrolein	2.30	56	70	0.200	ug/l	#	16
15) Acrylonitrile	3.14	53	799	0.387	ug/l		92
16) Acetone	2.43	43	10594	5.326	ug/l		98
17) Carbon Disulfide	2.57	76	2818	0.312	ug/l	#	92
18) Methyl Acetate	2.77	43	4446	0.824	ug/l	#	90
20) Methylene Chloride	2.85	84	5647	1.389	ug/l		96
25) 2-Butanone	4.68	43	3582	1.255	ug/l	#	84
28) Bromochloromethane	4.99	49	752	0.259	ug/l	#	3
36) 1,1-Dichloropropene	5.65	75	26453	5.366	ug/l	#	53
38) Carbon Tetrachloride	5.65	117	40214	7.198	ug/l	#	16
43) Isopropyl Acetate	6.44	43	75394	8.930	ug/l		98
48) Methyl methacrylate	7.68	41	3926	0.934	ug/l	#	17
49) 1,4-Dioxane	7.73	88	236	2.027	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	71022	12.766	ug/l	#	48
54) cis-1,3-Dichloropropene	8.61	75	34622	5.943	ug/l	#	63
59) 2-Hexanone	9.54	43	79824	18.694	ug/l	#	51
74) N-amyl acetate	10.82	43	4993	0.761	ug/l	#	50
76) 1,2,3-Trichloropropane	11.13	75	115351	23.367	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	115351	70.470	ug/l	#	11
93) 1,2,4-Trichlorobenzene	13.65	180	1649	0.258	ug/l		88
95) Naphthalene	13.83	128	3831	0.218	ug/l	#	88

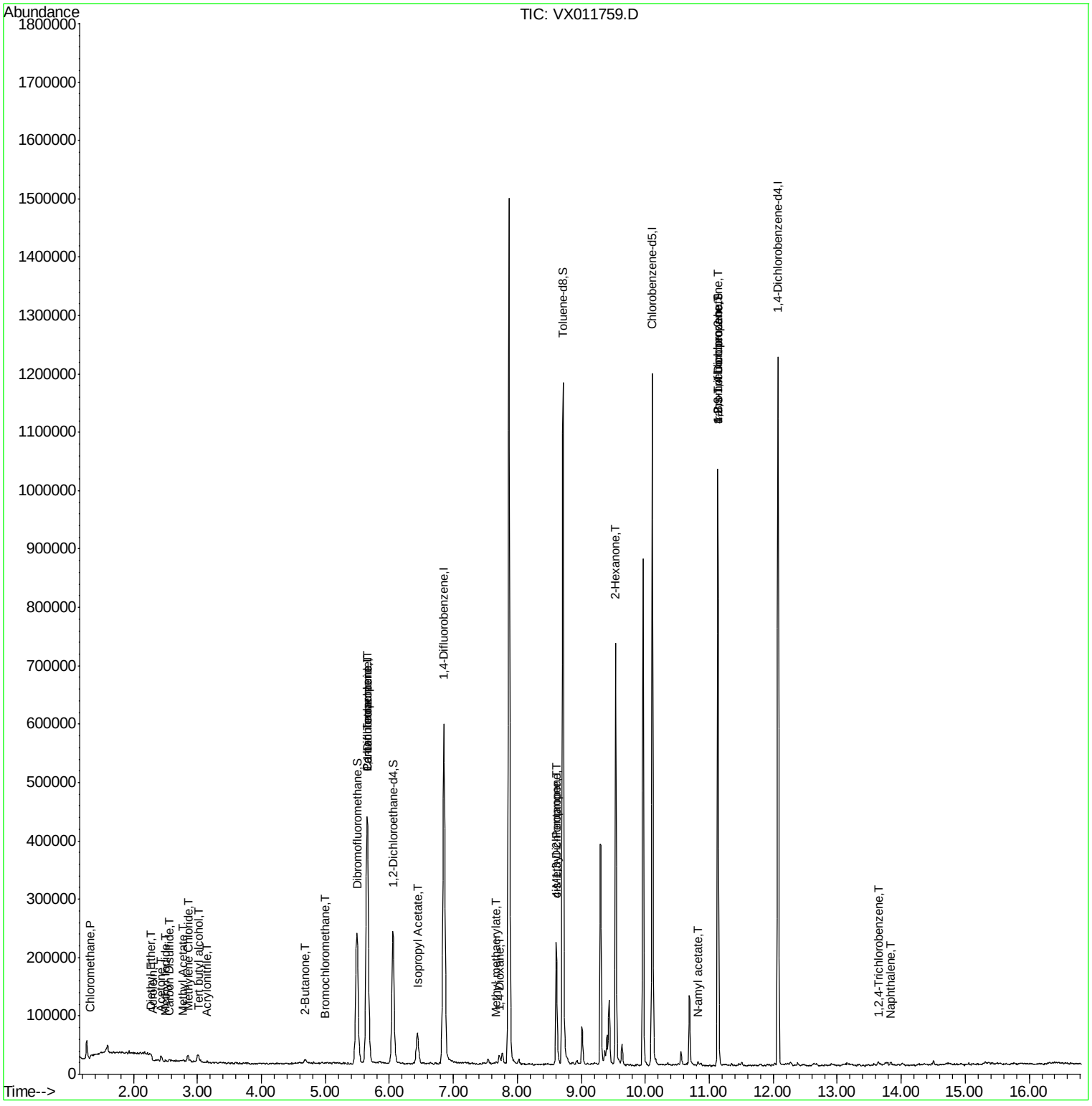
(#) = qualifier out of range (m) = manual integration (+) = signals summed

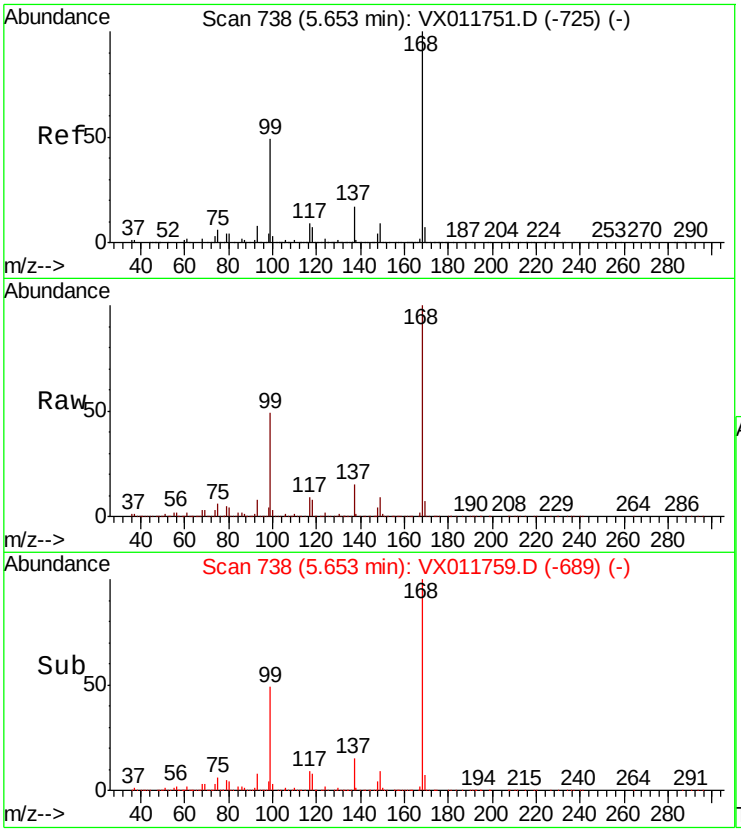
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
Data File : VX011759.D
Acq On : 22 Aug 2019 14:10
Operator : JC/SP
Sample : K4388-25
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Quant Time: Aug 23 02:01:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration



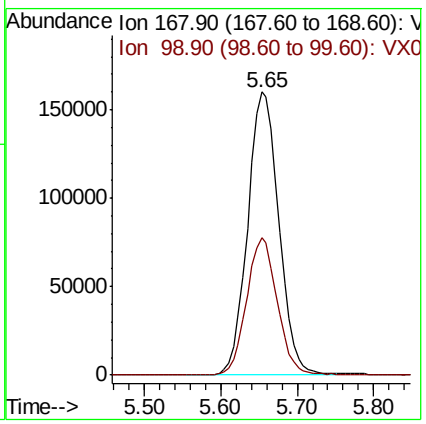


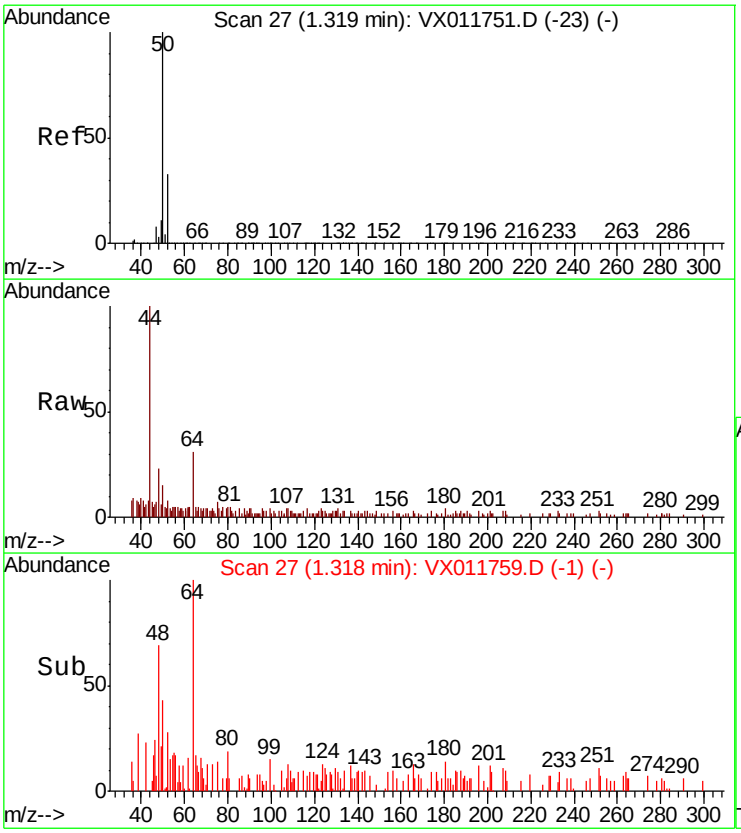
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.00 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion:168 Resp: 455215

Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.4	59.2

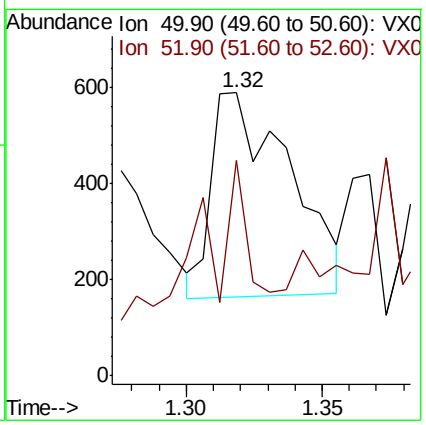


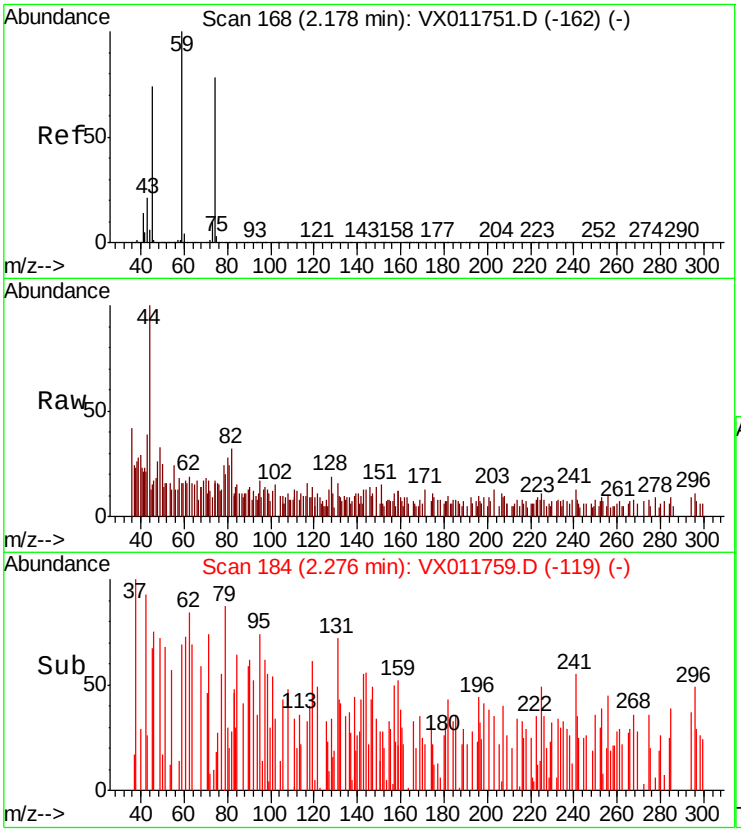


#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.32 min Scan# 27
Delta R.T. -0.00 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion: 50 Resp: 852

Ion	Ratio	Lower	Upper
50	100		
52	58.2	26.6	39.8#



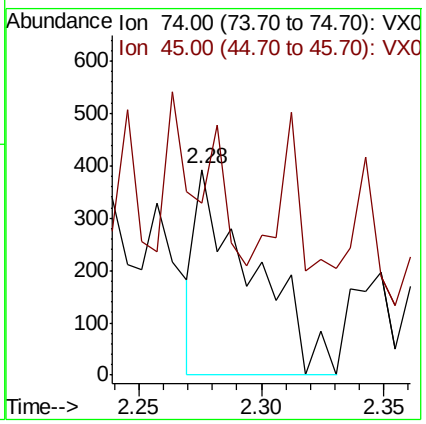


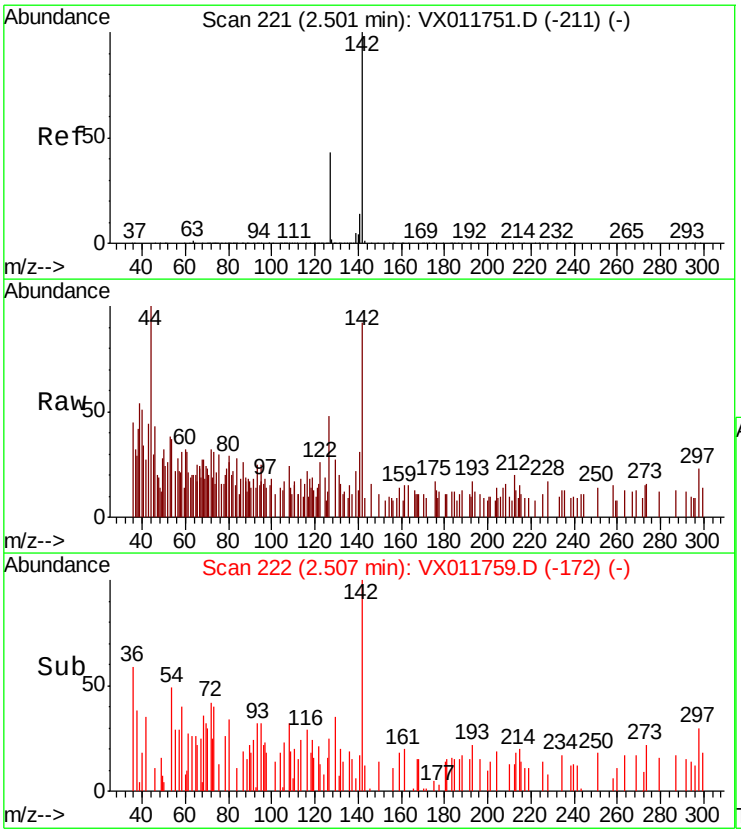
#8
Diethyl Ether
Concen: 0.311 ug/l
RT: 2.28 min Scan# 184
Delta R.T. 0.10 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion: 74 Resp: 627

Ion	Ratio	Lower	Upper
74	100		
45	52.6	46.7	140.0

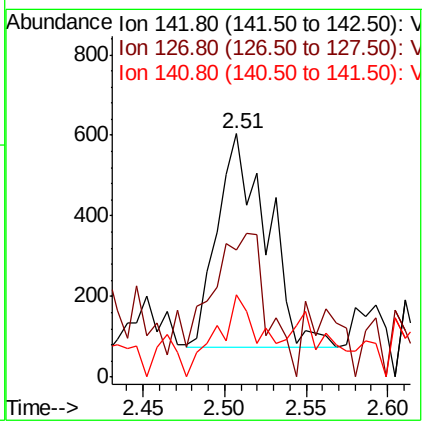


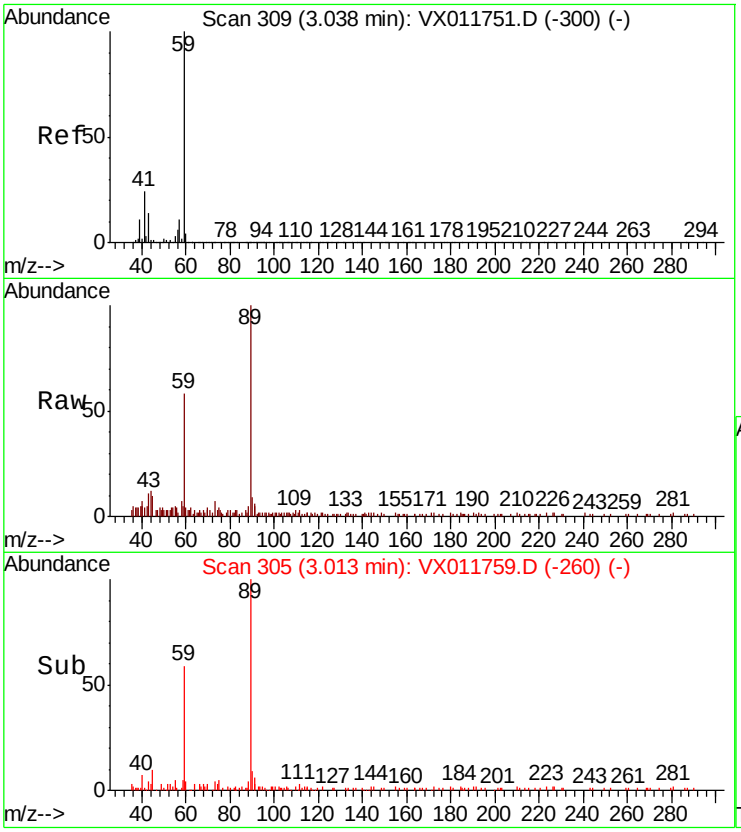


#10
Methyl Iodide
Concen: 0.252 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion:142 Resp: 1131

Ion	Ratio	Lower	Upper
142	100		
127	82.0	33.5	50.3#
141	32.9	11.4	17.2#



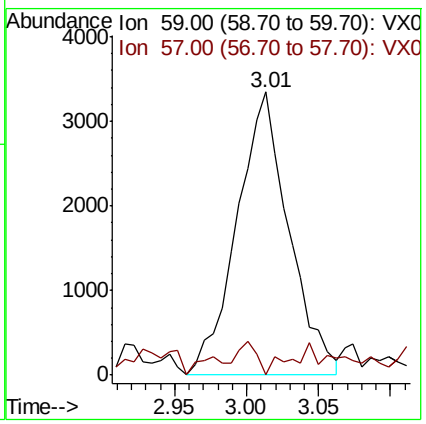


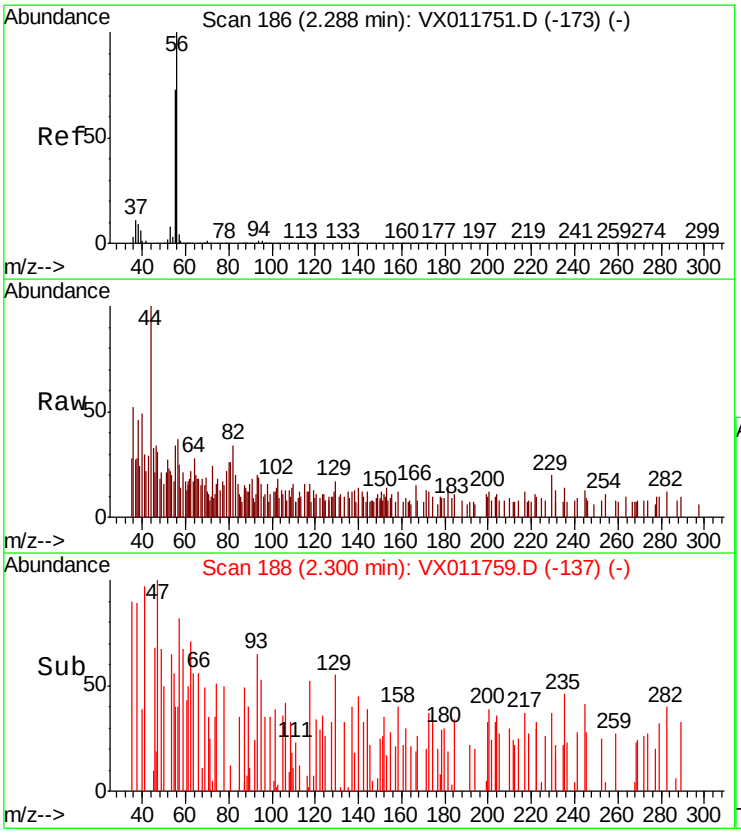
#11
Tert butyl alcohol
Concen: 9.284 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion: 59 Resp: 8389

Ion	Ratio	Lower	Upper
59	100		
57	4.8	8.4	12.6#

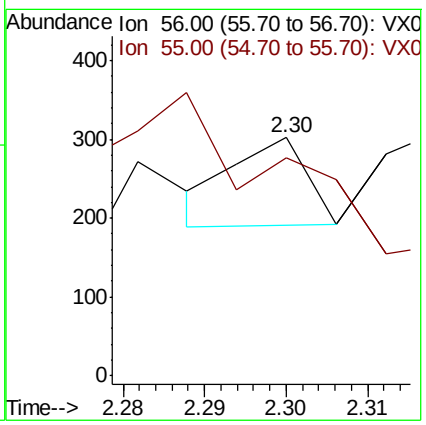


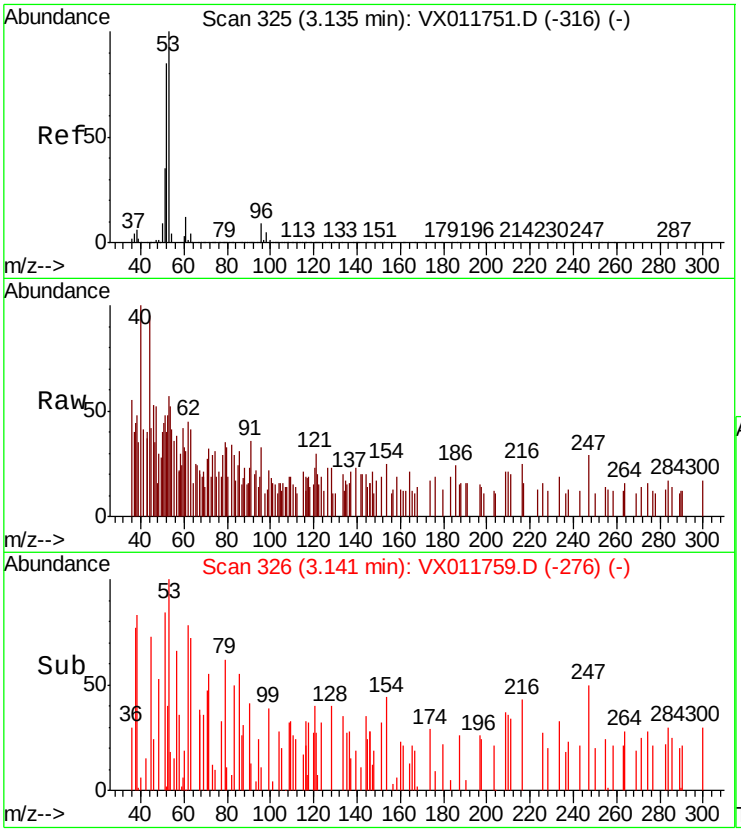


#13
Acrolein
Concen: 0.200 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion: 56 Resp: 70

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.8	82.2#



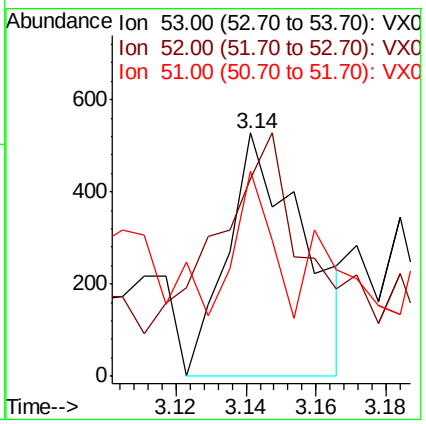


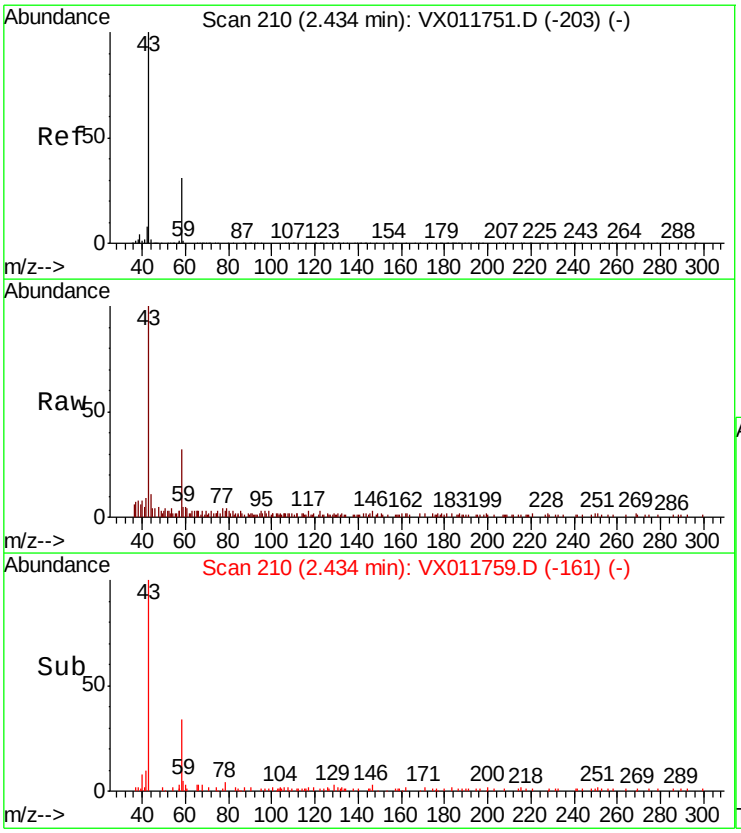
#15
Acrylonitrile
Concen: 0.387 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion: 53 Resp: 799

Ion	Ratio	Lower	Upper
53	100		
52	90.6	65.7	98.5
51	33.8	28.6	43.0

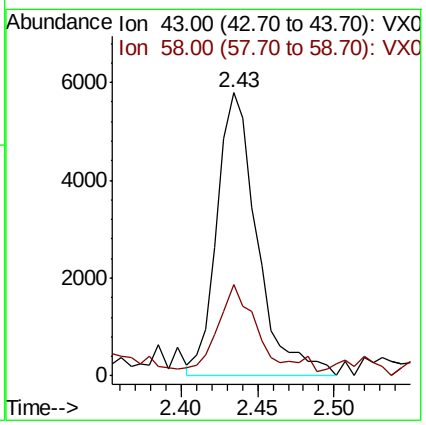


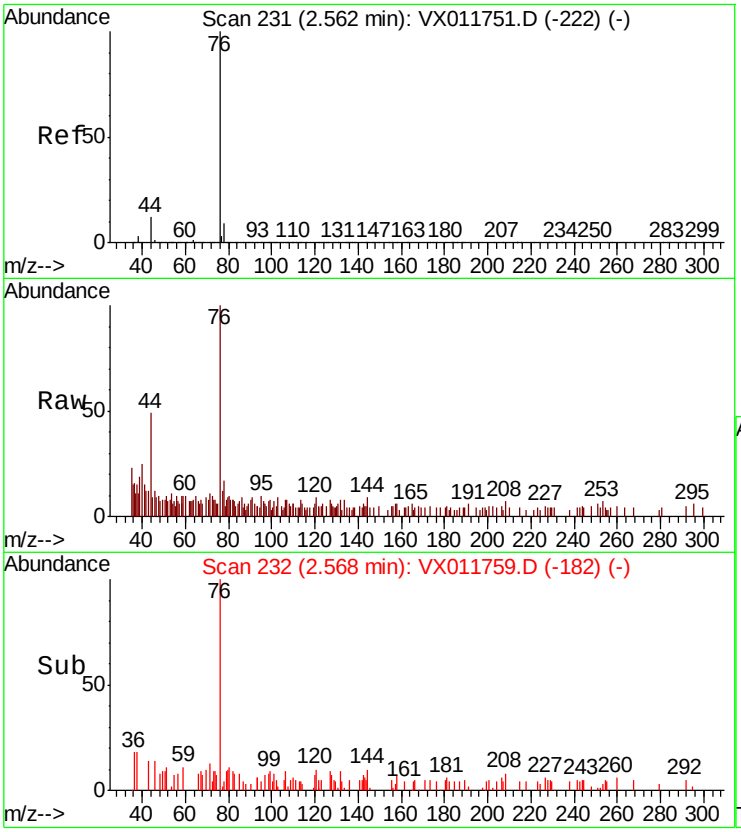


#16
Acetone
Concen: 5.326 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion: 43 Resp: 10594

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.4	36.6



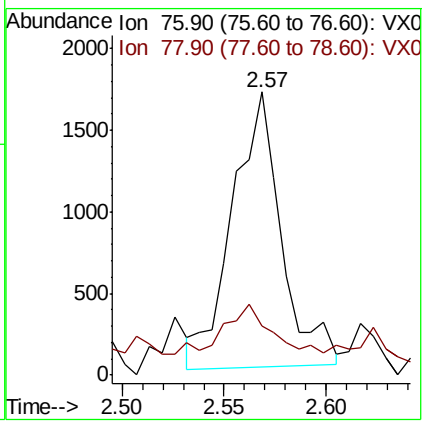


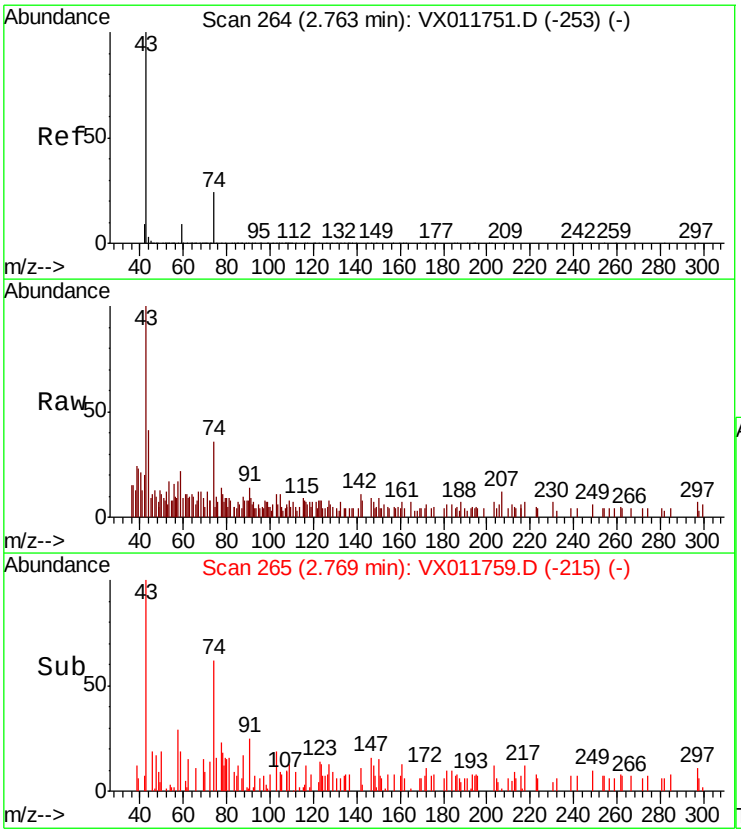
#17
Carbon Disulfide
Concen: 0.312 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion: 76 Resp: 2818

Ion	Ratio	Lower	Upper
76	100		
78	6.5	7.4	11.0#

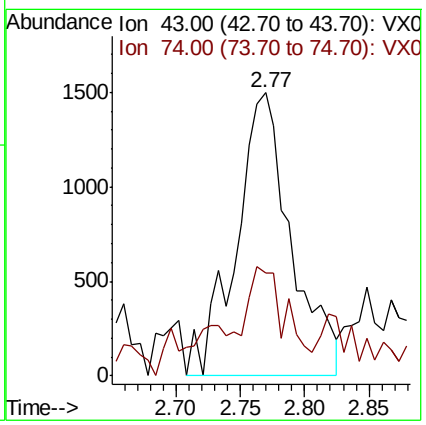


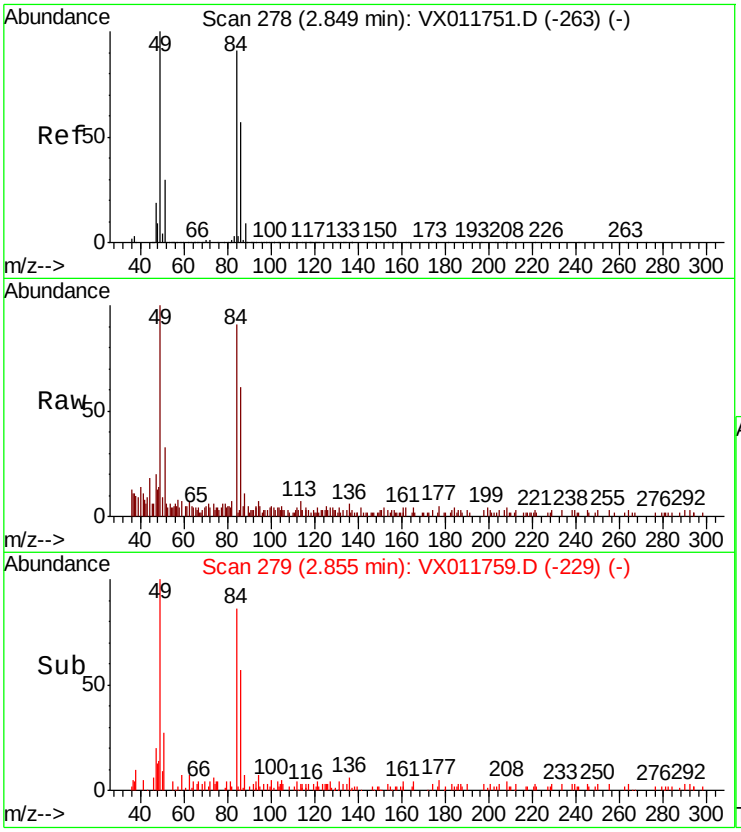


#18
Methyl Acetate
Concen: 0.824 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion: 43 Resp: 4446

Ion	Ratio	Lower	Upper
43	100		
74	19.2	19.5	29.3#



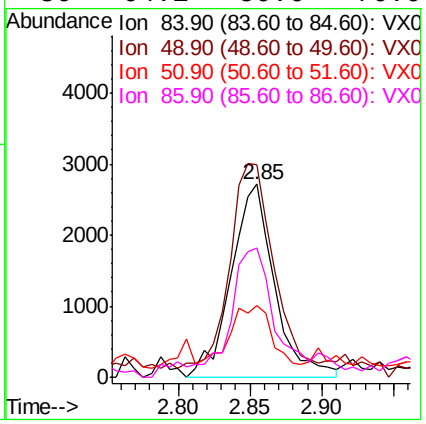


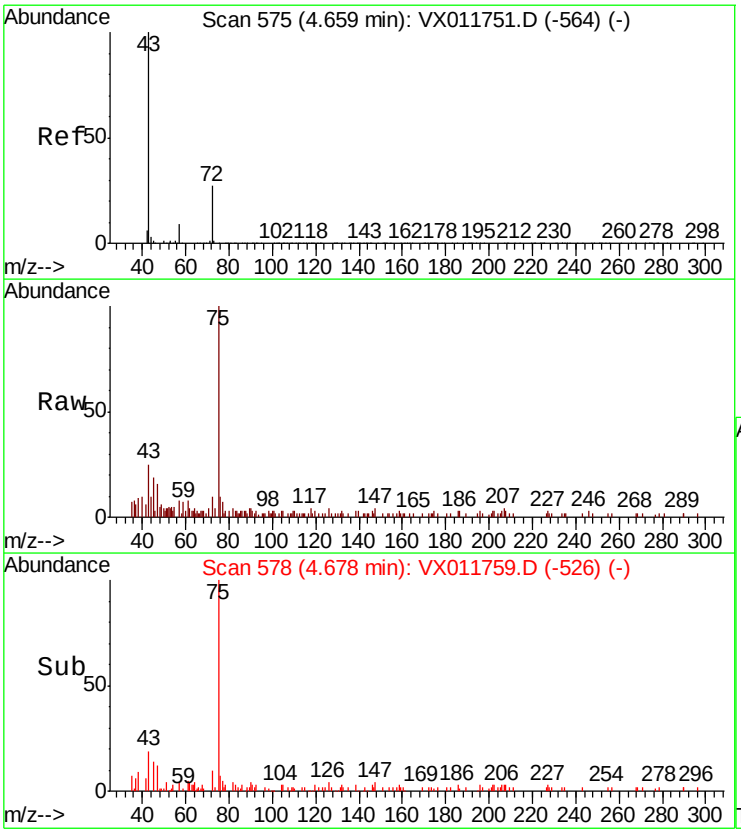
#20
Methylene Chloride
Concen: 1.389 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion: 84 Resp: 5647

Ion	Ratio	Lower	Upper
84	100		
49	106.9	88.3	132.5
51	26.7	26.2	39.2
86	64.1	50.6	76.0

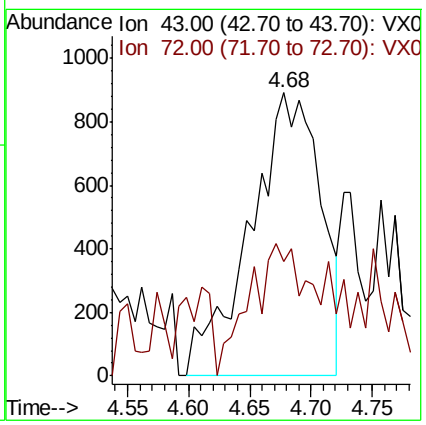


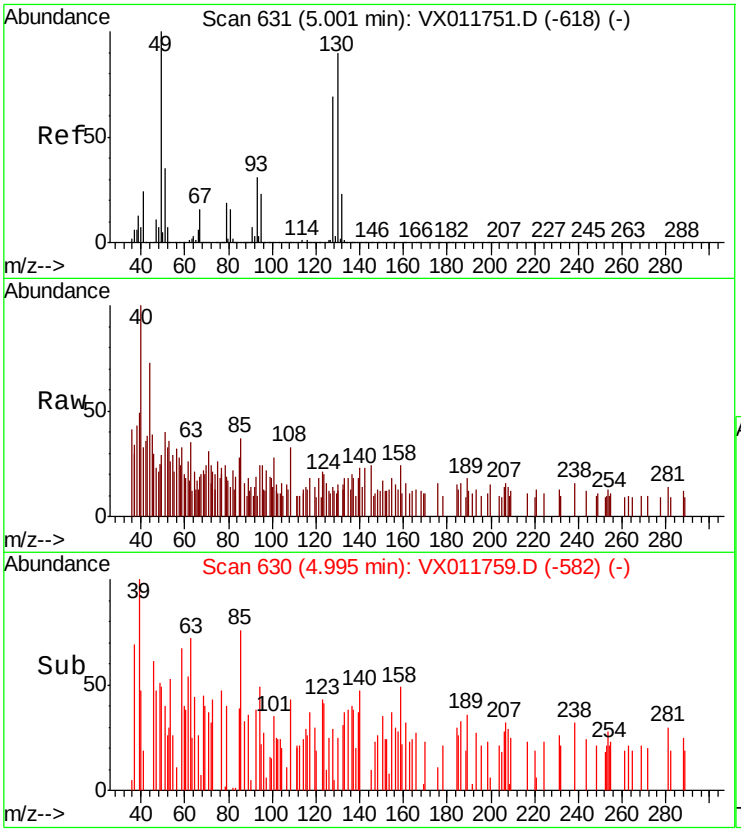


#25
2-Butanone
Concen: 1.255 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.02 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion: 43 Resp: 3582

Ion	Ratio	Lower	Upper
43	100		
72	18.7	21.8	32.6#



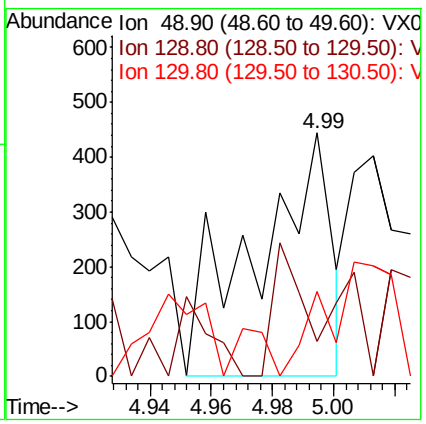


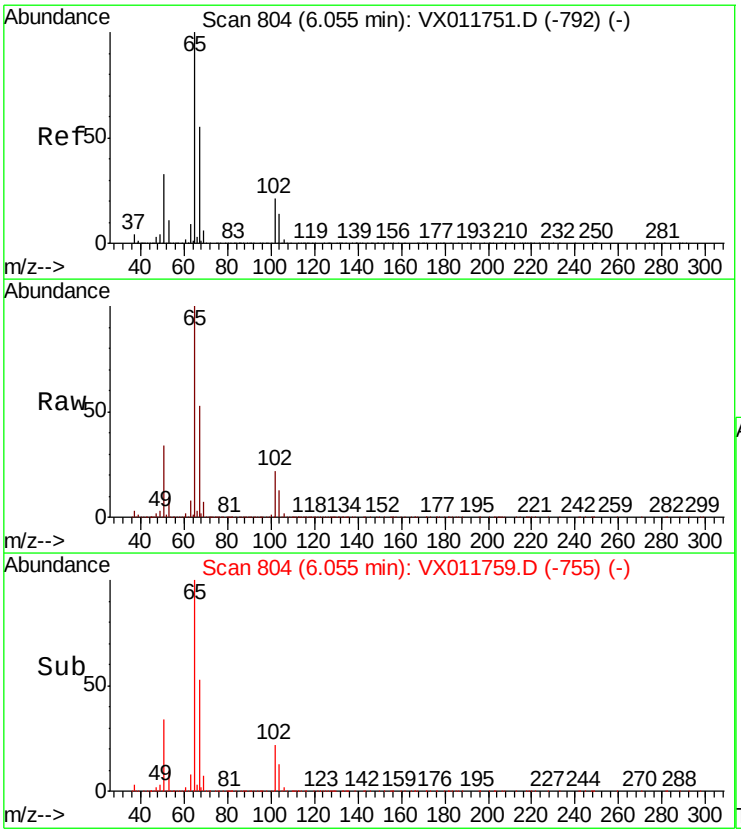
#28
Bromochloromethane
Concen: 0.259 ug/l
RT: 4.99 min Scan# 630
Delta R.T. -0.01 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion: 49 Resp: 752

Ion	Ratio	Lower	Upper
49	100		
129	22.3	0.0	5.8#
130	0.0	76.8	115.2#

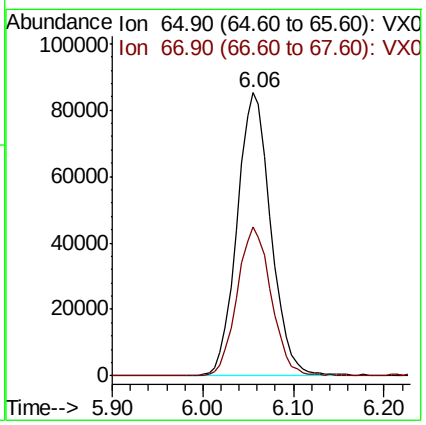


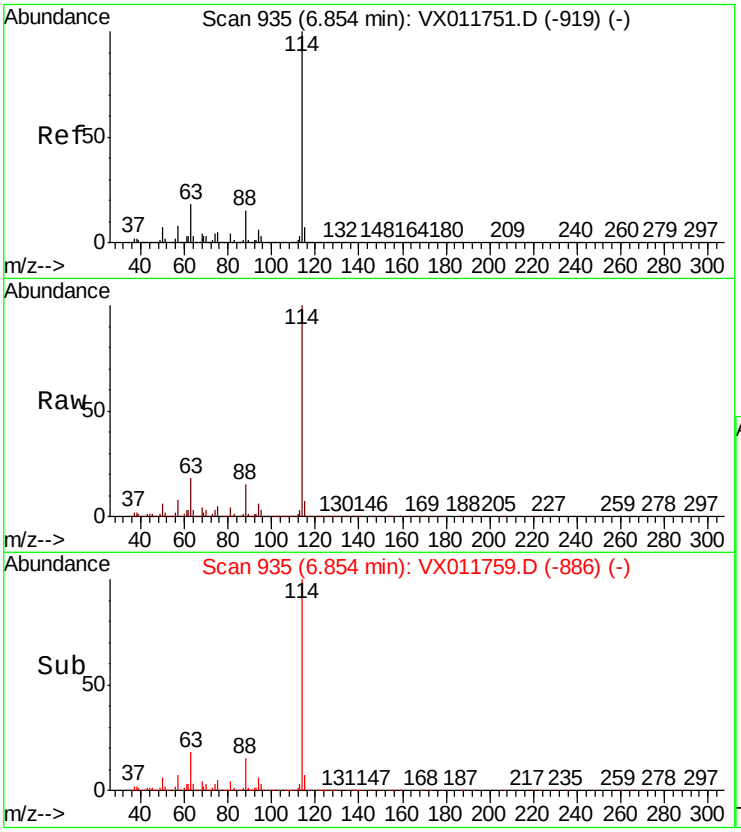


#33
1,2-Dichloroethane-d4
Concen: 47.592 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion: 65 Resp: 217634

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.8



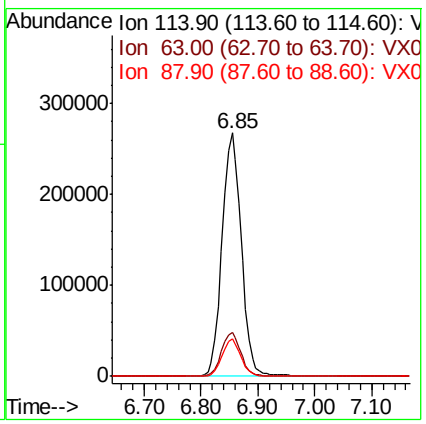


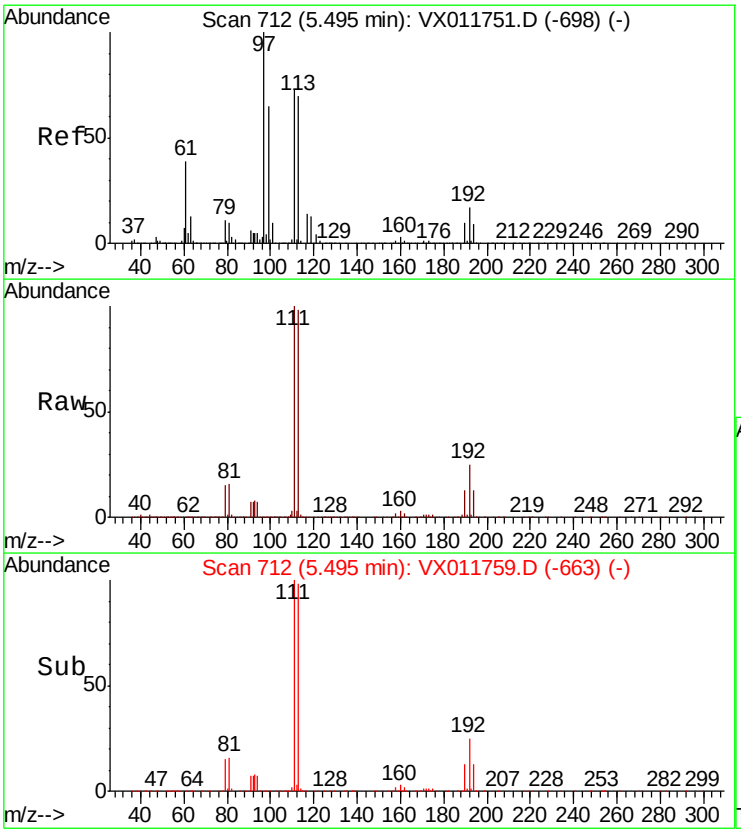
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion:114 Resp: 628605

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.8
88	15.2	0.0	30.2

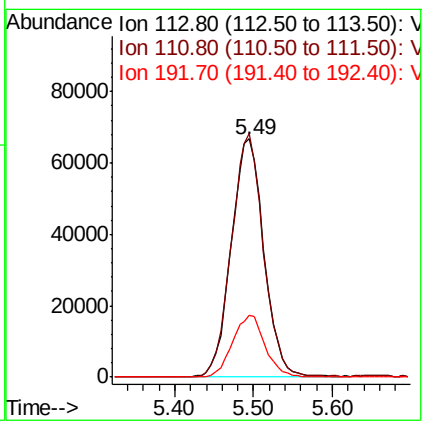


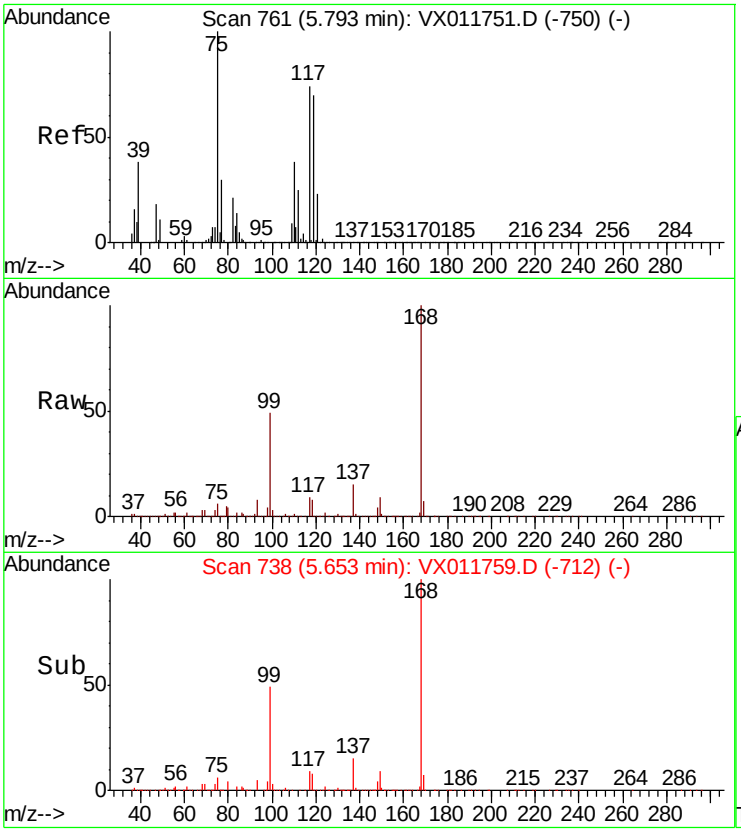


#35
Dibromofluoromethane
Concen: 47.022 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion:113 Resp: 191134

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.4
192	26.0	19.9	29.9



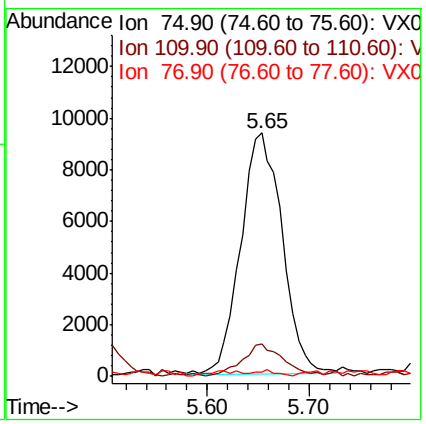


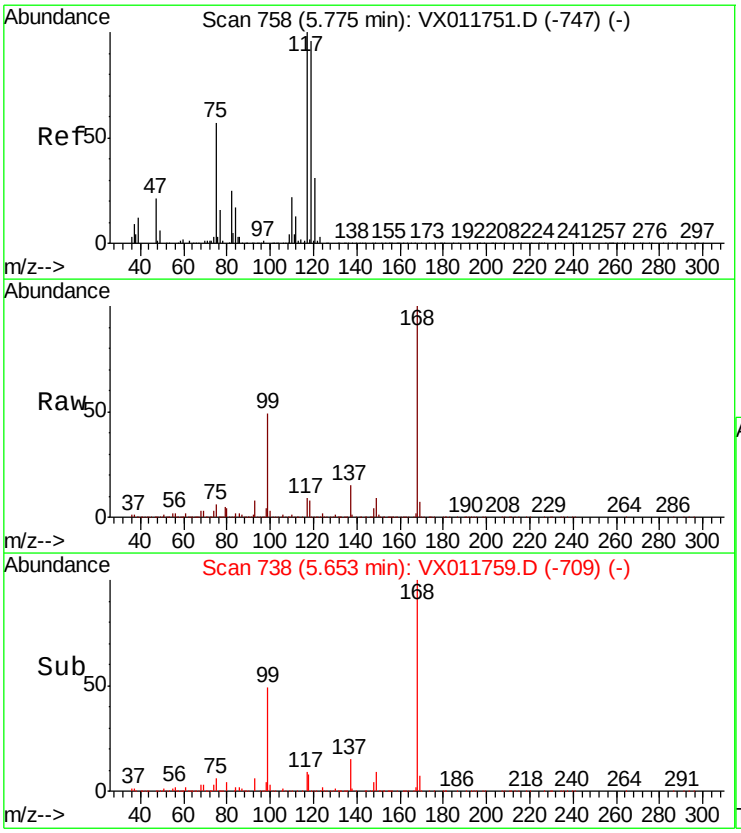
#36
1,1-Dichloropropene
Concen: 5.366 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument : MSVOA_X
ClientSampleId : T4-B3-(2)

Tgt Ion: 75 Resp: 26453

Ion	Ratio	Lower	Upper
75	100		
110	13.4	19.0	57.0#
77	1.2	24.6	36.8#

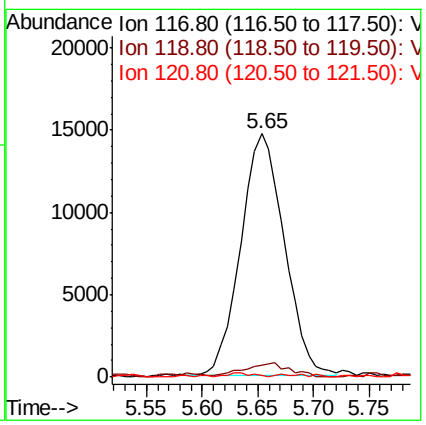


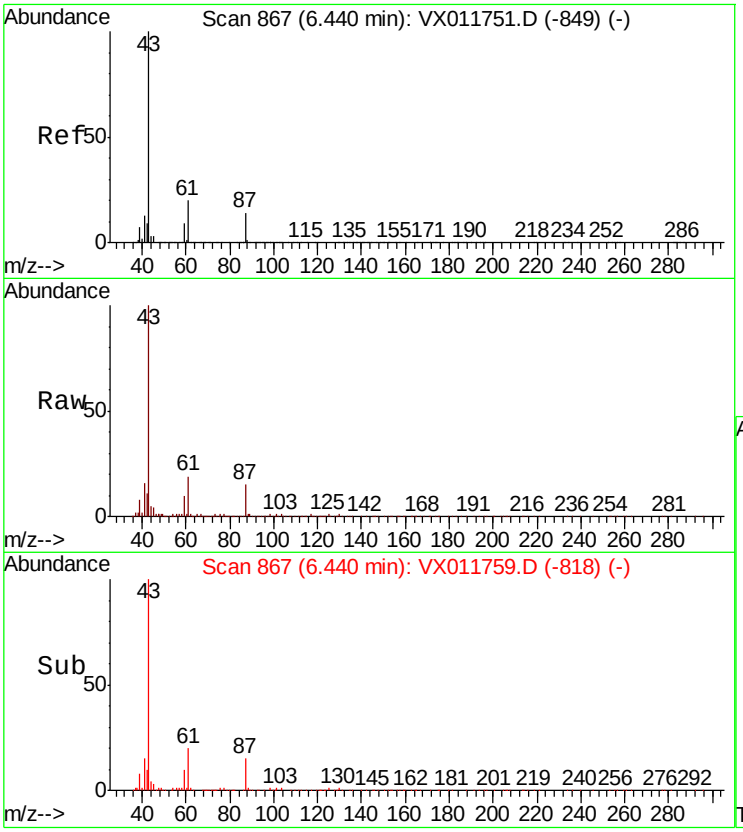


#38
Carbon Tetrachloride
Concen: 7.198 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.12 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion:117 Resp: 40214

Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.6	114.8#
121	0.1	25.2	37.8#



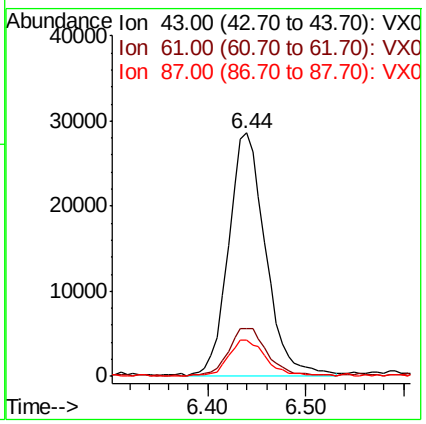


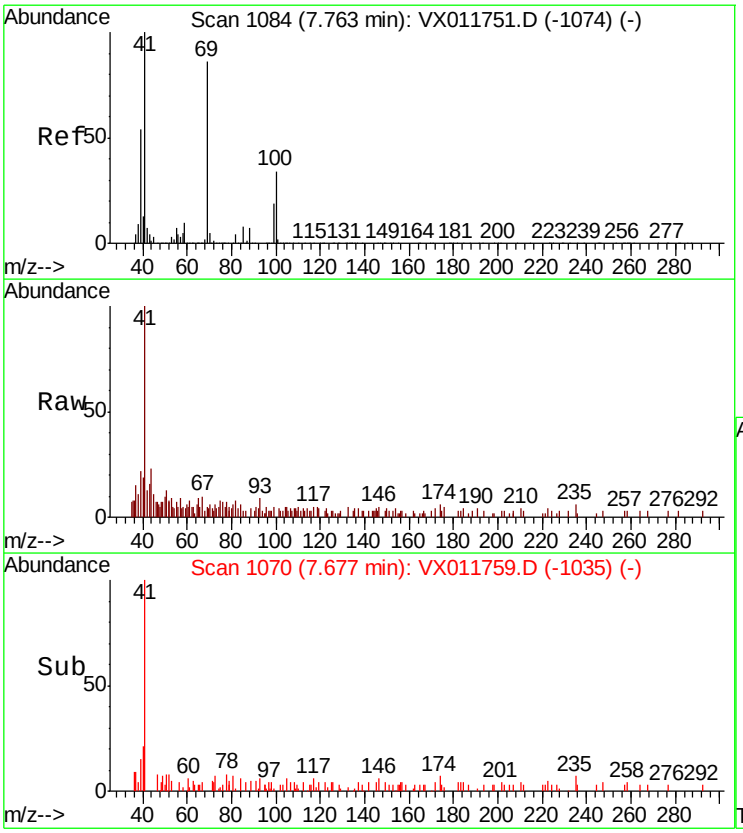
#43
Isopropyl Acetate
Concen: 8.930 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.00 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion: 43 Resp: 75394

Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.2	24.2
87	15.6	11.6	17.4

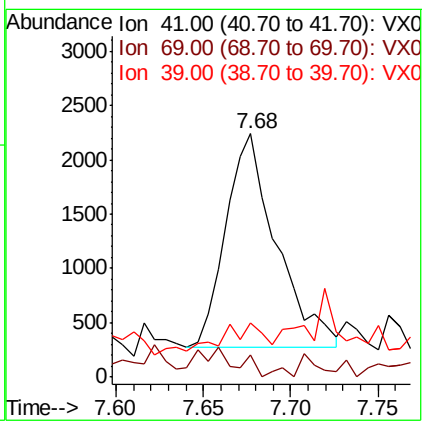


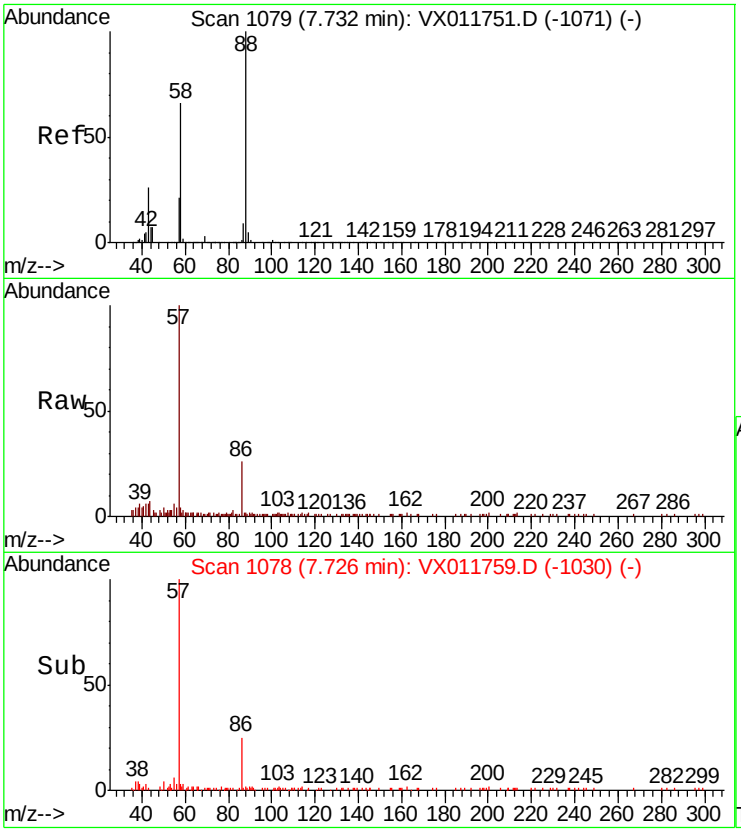


#48
Methyl methacrylate
Concen: 0.934 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion: 41 Resp: 3926

Ion	Ratio	Lower	Upper
41	100		
69	6.5	69.4	104.2#
39	0.0	43.6	65.4#



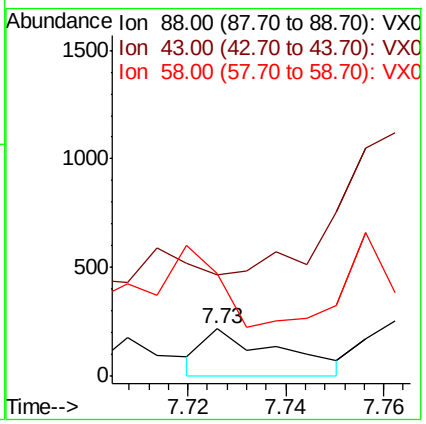


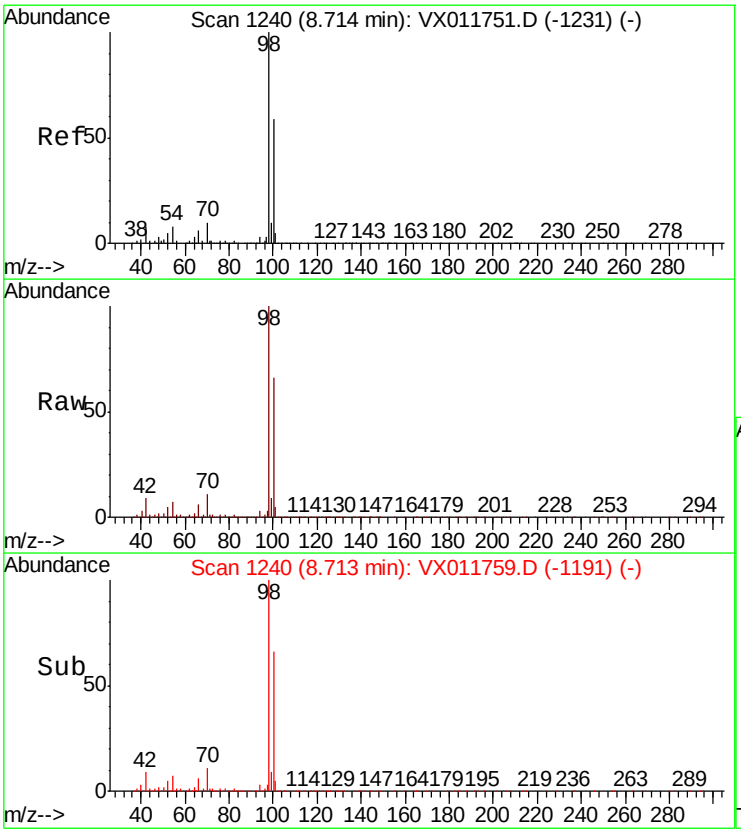
#49
1,4-Dioxane
Concen: 2.027 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion: 88 Resp: 236

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.6	37.0#
58	360.6	51.4	77.2#

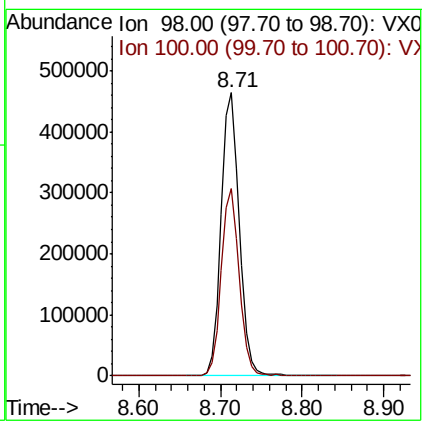


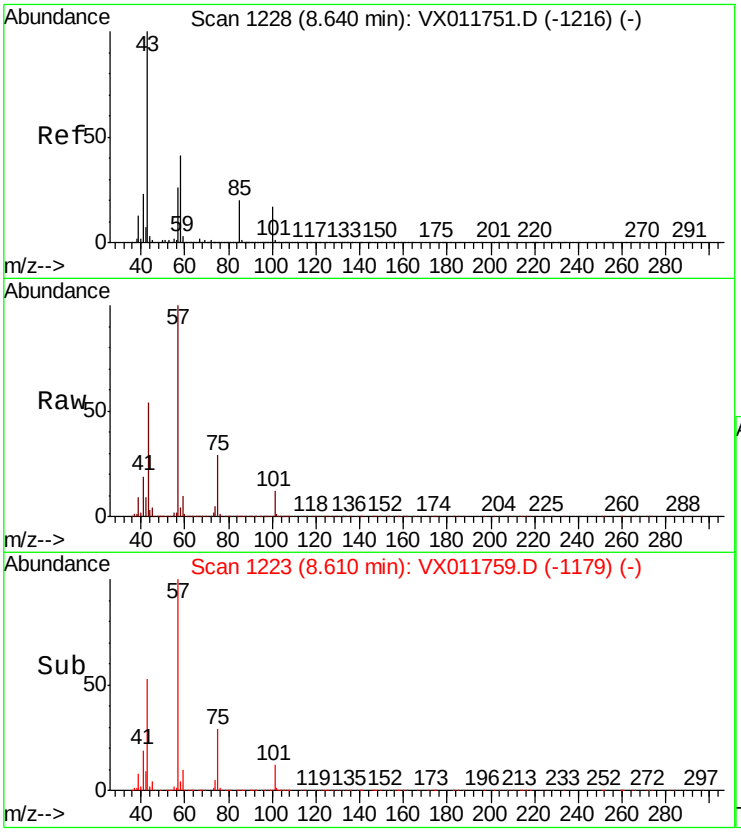


#50
Toluene-d8
Concen: 50.602 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion: 98 Resp: 717445

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1



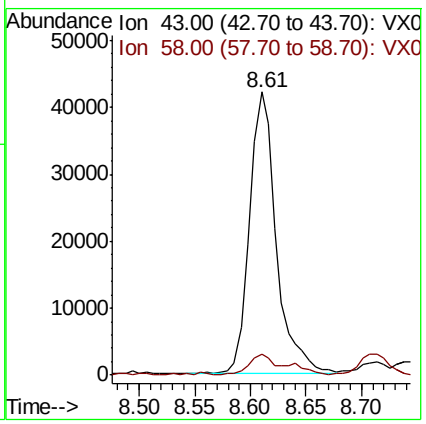


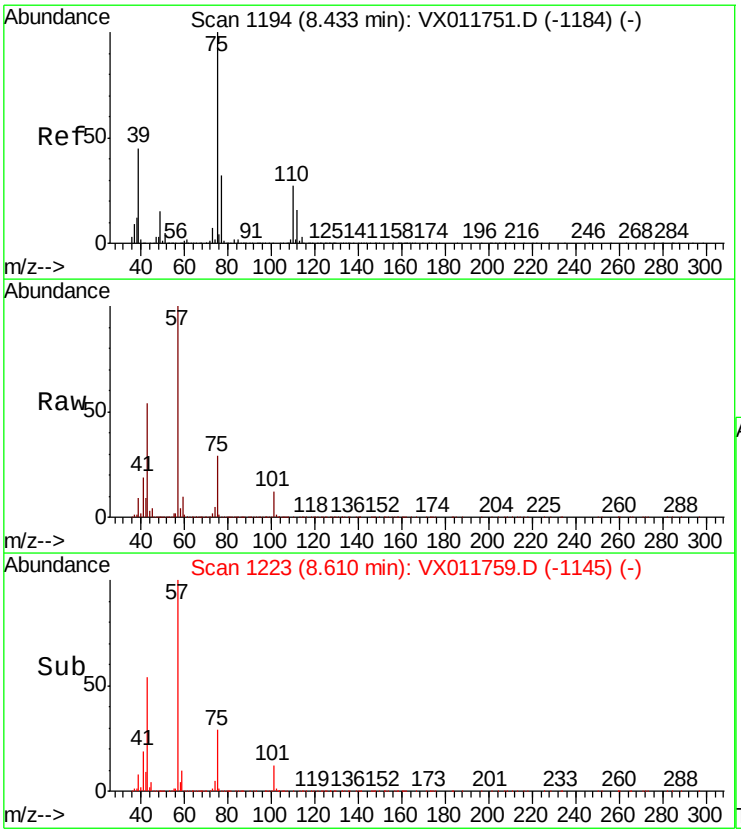
#51
4-Methyl-2-Pentanone
Concen: 12.766 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion: 43 Resp: 71022

Ion	Ratio	Lower	Upper
43	100		
58	7.7	31.8	47.6#

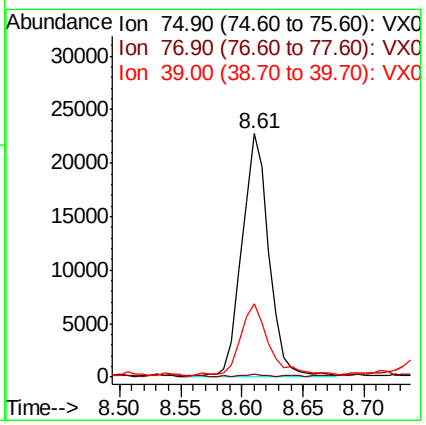


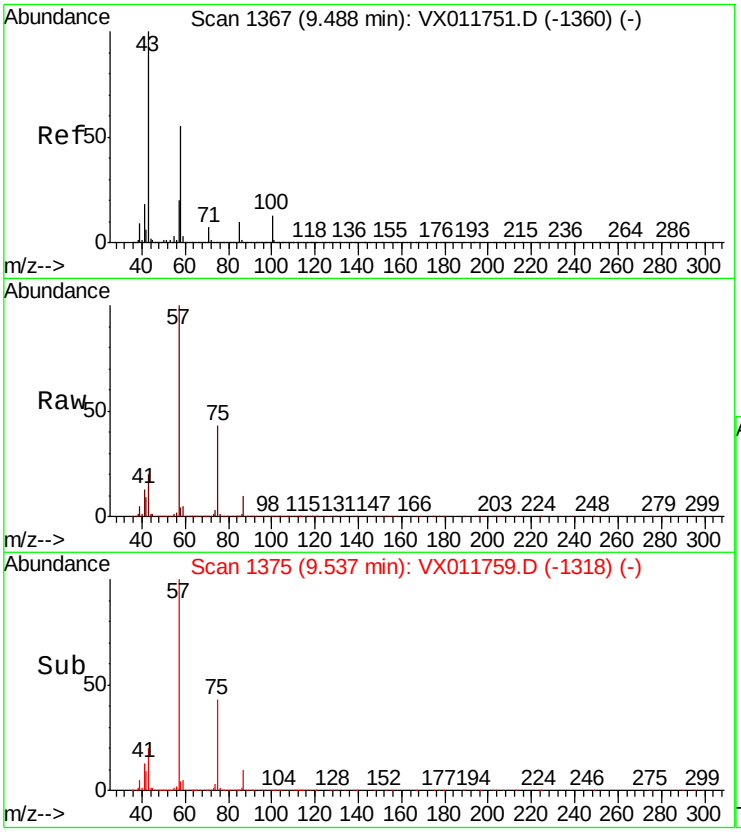


#54
cis-1,3-Dichloropropene
Concen: 5.943 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion: 75 Resp: 34622

Ion	Ratio	Lower	Upper
75	100		
77	0.3	25.4	38.2#
39	30.2	36.2	54.4#



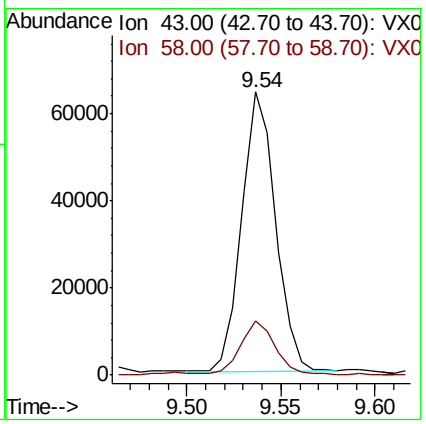


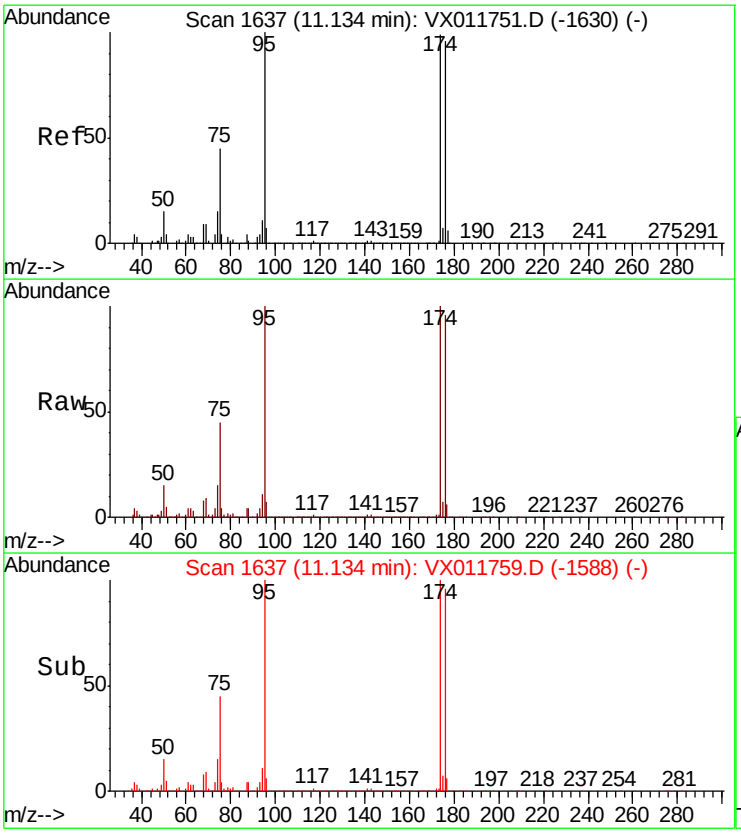
#59
2-Hexanone
Concen: 18.694 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion: 43 Resp: 79824

Ion	Ratio	Lower	Upper
43	100		
58	19.7	27.7	83.1#

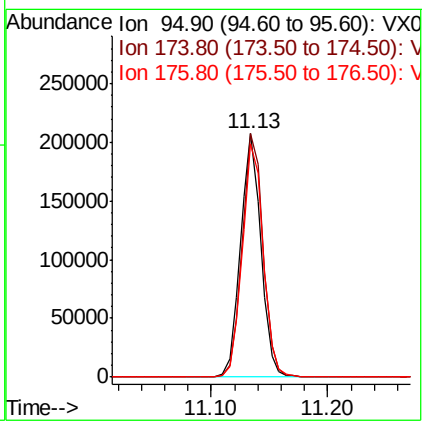


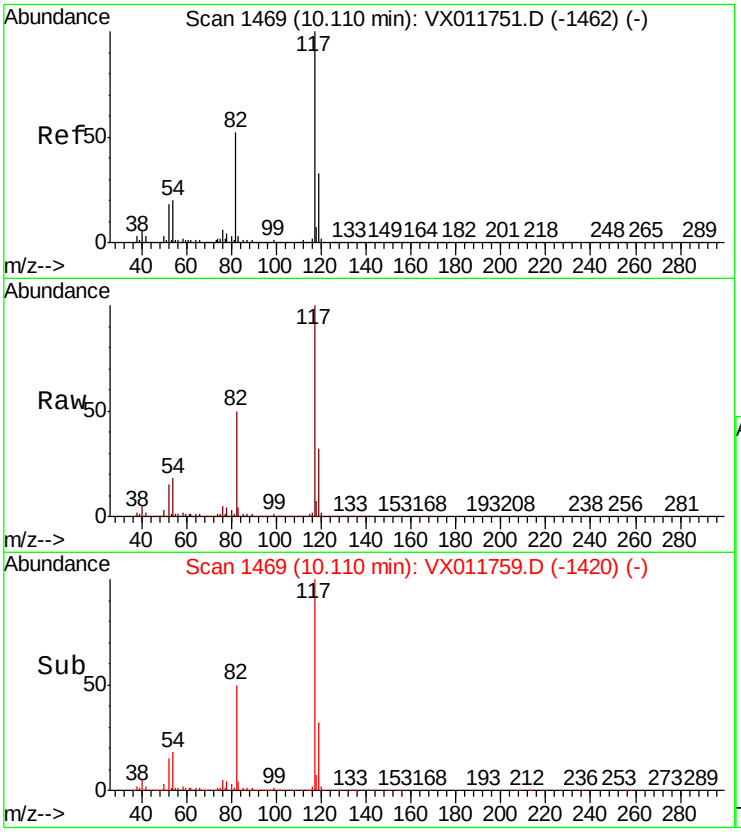


#62
4-Bromofluorobenzene
Concen: 45.251 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion: 95 Resp: 253590

Ion	Ratio	Lower	Upper
95	100		
174	103.1	0.0	197.4
176	98.9	0.0	194.4



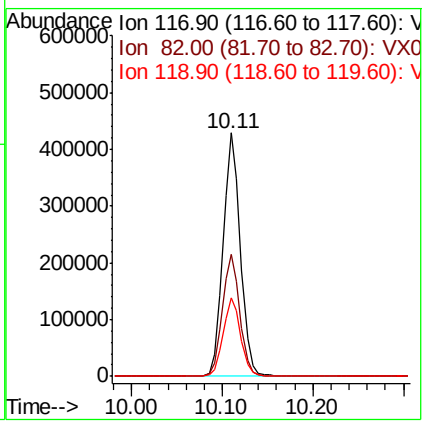


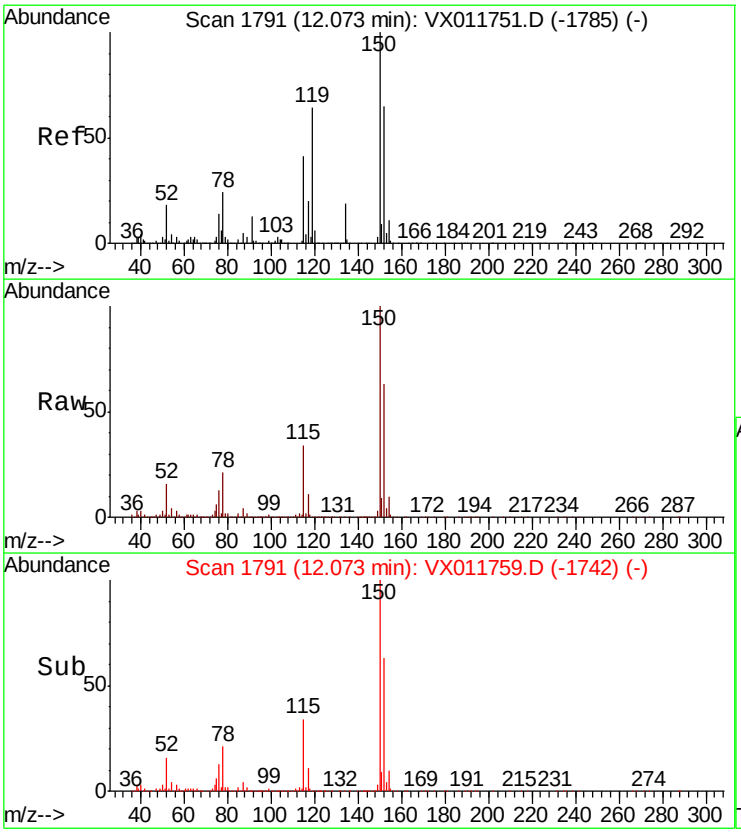
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument : MSVOA_X
ClientSampleId : T4-B3-(2)

Tgt Ion:117 Resp: 575486

Ion	Ratio	Lower	Upper
117	100		
82	50.0	41.7	62.5
119	32.3	26.2	39.2

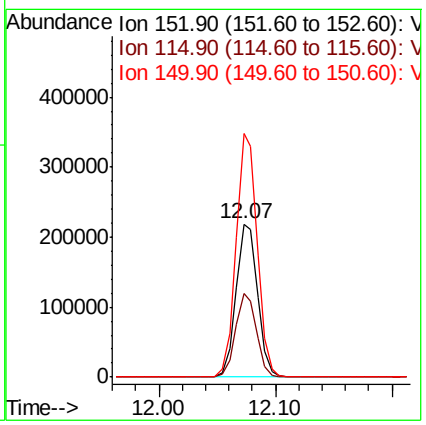


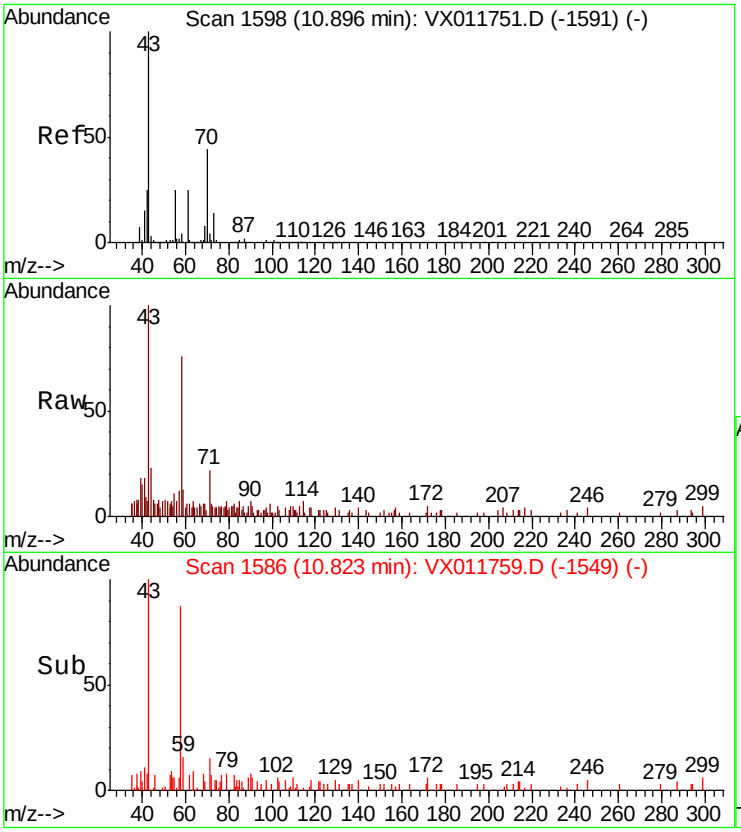


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion:152 Resp: 281331

Ion	Ratio	Lower	Upper
152	100		
115	53.2	37.3	111.8
150	156.0	0.0	343.0



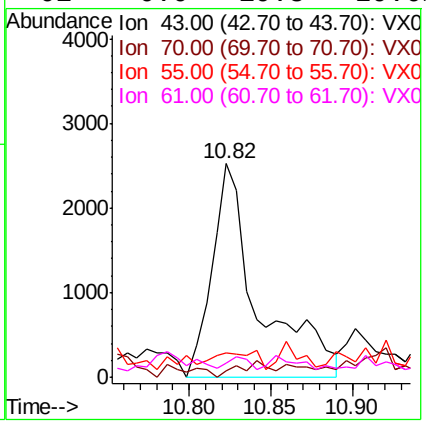


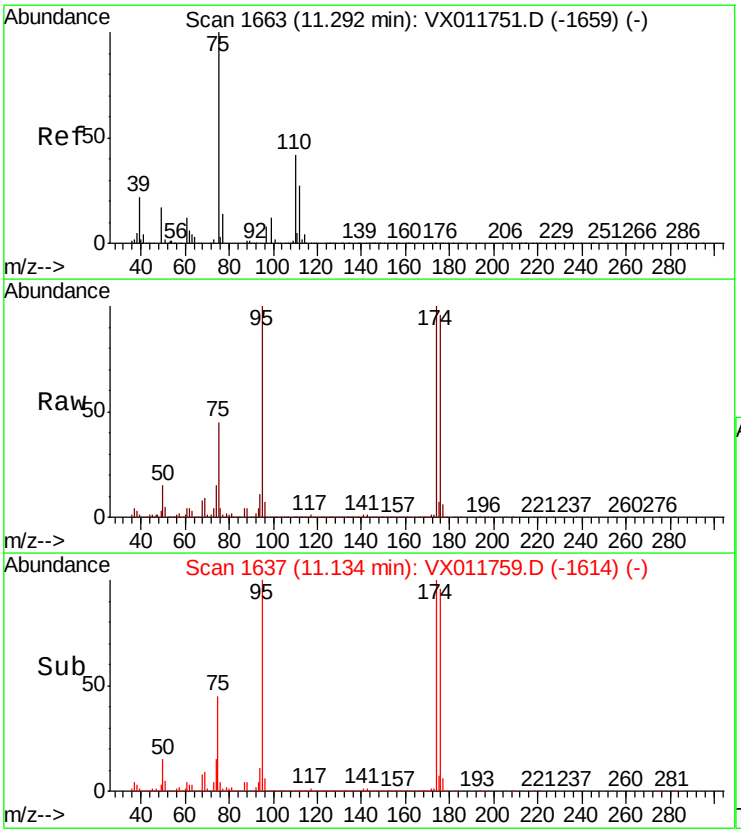
#74
N-amyl acetate
Concen: 0.761 ug/l
RT: 10.82 min Scan# 1586
Delta R.T. -0.07 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion: 43 Resp: 4993

Ion	Ratio	Lower	Upper
43	100		
70	5.1	34.8	52.2#
55	7.3	19.5	29.3#
61	0.0	19.8	29.6#

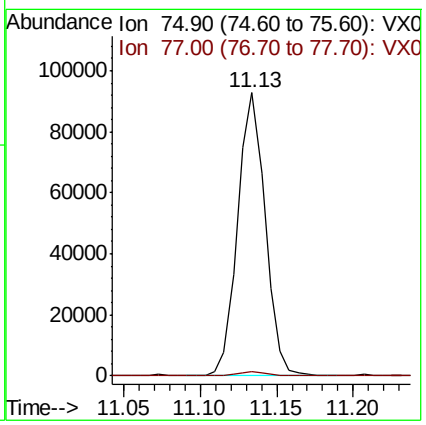


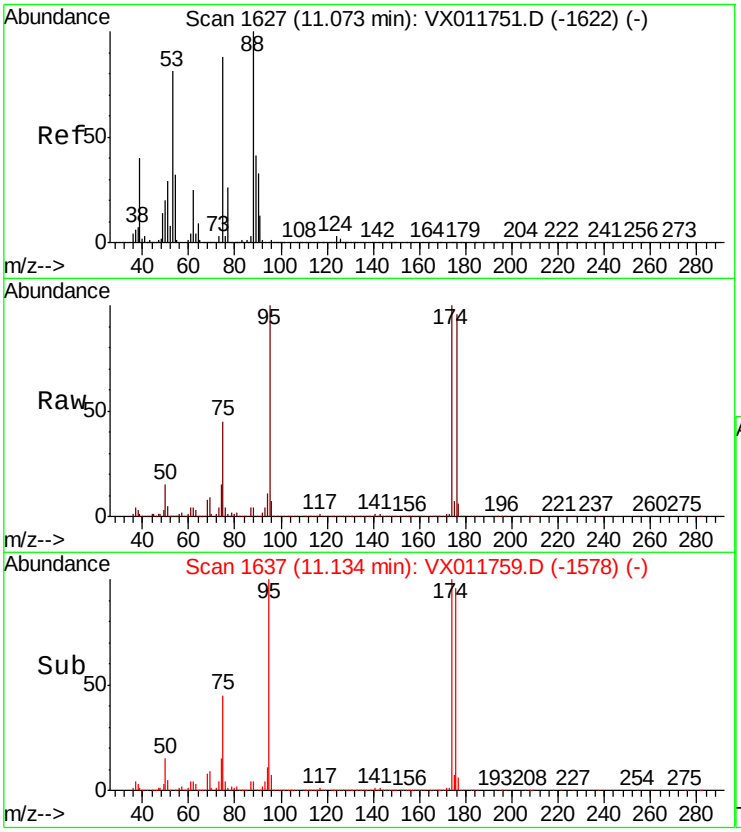


#76
1,2,3-Trichloropropane
Concen: 23.367 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion: 75 Resp: 115351

Ion	Ratio	Lower	Upper
75	100		
77	1.6	21.1	63.3#



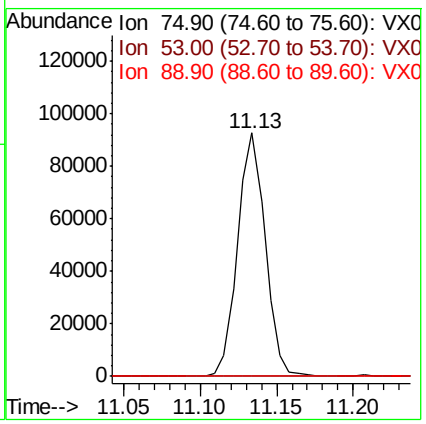


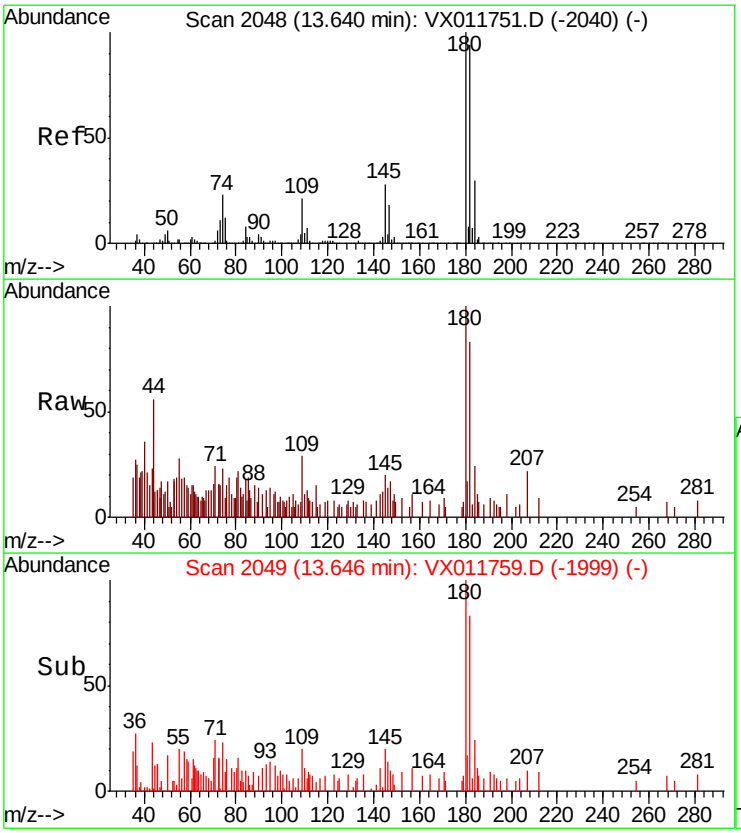
#81
trans-1,4-Dichloro-2-butene
Concen: 70.470 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion: 75 Resp: 115351

Ion	Ratio	Lower	Upper
75	100		
53	0.3	77.1	115.7#
89	0.2	38.5	57.7#

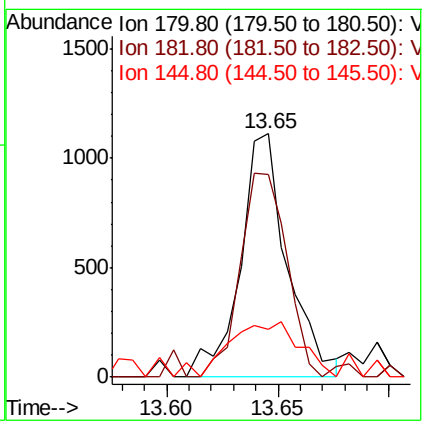


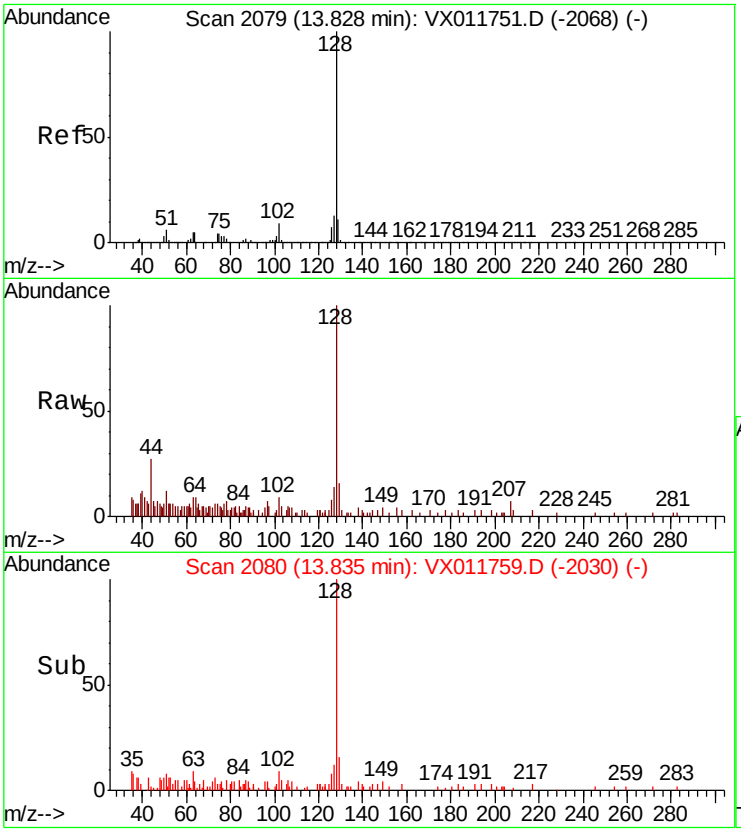


#93
1,2,4-Trichlorobenzene
Concen: 0.258 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.01 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion:180 Resp: 1649

Ion	Ratio	Lower	Upper
180	100		
182	82.7	47.8	143.4
145	32.9	14.1	42.3





#95
Naphthalene
Concen: 0.218 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Tgt Ion:128 Resp: 3831

Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.4	15.6
129	18.3	8.7	13.1#