Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005190.D
Acq On : 10 Oct 2018 06:05
Operator : JC/MD
Sample : J5303-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-TW513-4044

Quant Time: Oct 10 08:33:45 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	194227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	145350	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.78%			
35) Dibromofluoromethane	5.49	113	125038	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.84%			
50) Toluene-d8	8.72	98	420158	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.92%			
62) 4-Bromofluorobenzene	11.14	95	152255	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.52%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	729	0.227	ug/l	92
5) Bromomethane	1.64	94	1032	0.578	ug/l #	67
6) Chloroethane	1.68	64	101	Below Cal	#	45
9) 1,1,2-Trichlorotrifluoroet	2.39	101	713	0.336	ug/l #	92
11) Tert butyl alcohol	3.01	59	3538	4.561	ug/l #	79
13) Acrolein	2.29	56	135	0.245	ug/l #	34
14) Allyl chloride	2.62	41	5633	1.227	ug/l #	60
16) Acetone	2.45	43	3282	2.026	ug/l #	80
20) Methylene Chloride	2.85	84	756	Below Cal	#	78
24) 1,1-Dichloroethane	3.70	63	4872	1.056	ug/l #	96
25) 2-Butanone	4.72	43	509	0.213	ug/l #	49
31) Cyclohexane	5.66	56	3567	1.010	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13293	3.928	ug/l #	46
38) Carbon Tetrachloride	5.66	117	16330	4.591	ug/l #	17
44) Trichloroethene	7.21	130	728	0.280	ug/l	87
51) 4-Methyl-2-Pentanone	8.72	43	1985	0.486	ug/l #	1
70) Styrene	10.71	104	60	2.148	ug/l #	47
74) N-amyl acetate	10.91	43	192	1.781	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	75869	20.828	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	214	Below Cal		95
81) trans-1,4-Dichloro-2-buten	11.14	75	75869	56.536	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	360	Below Cal		82
95) Naphthalene	13.83	128	483	0.755	ug/l #	69

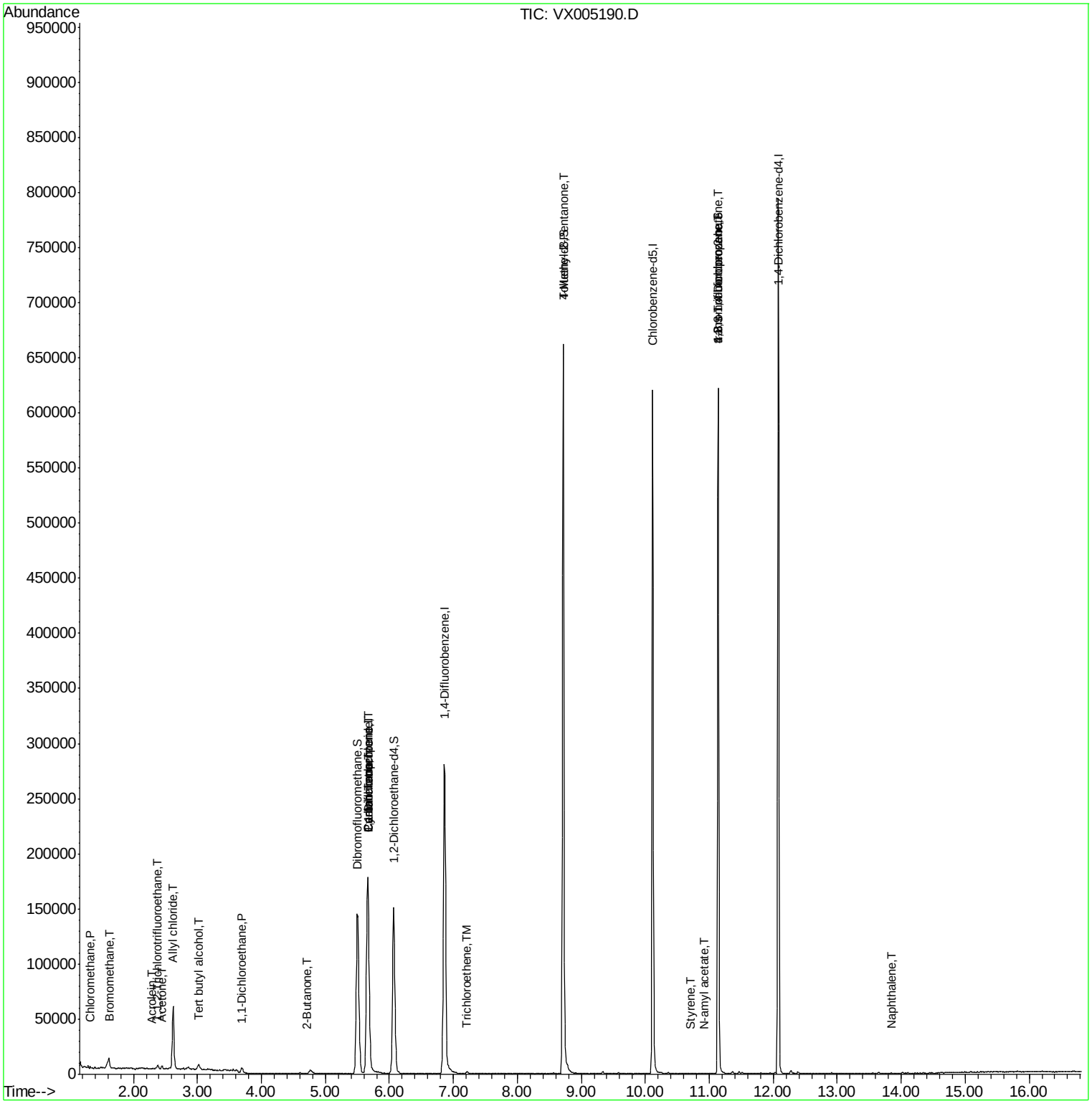
(#) = qualifier out of range (m) = manual integration (+) = signals summed

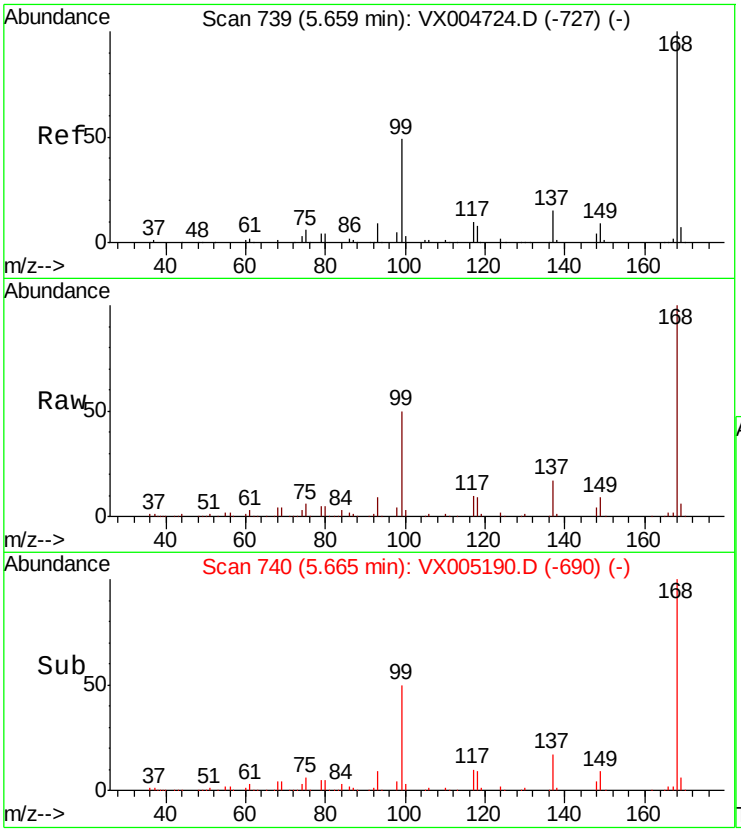
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005190.D
Acq On : 10 Oct 2018 06:05
Operator : JC/MD
Sample : J5303-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-TW513-4044

Quant Time: Oct 10 08:33:45 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



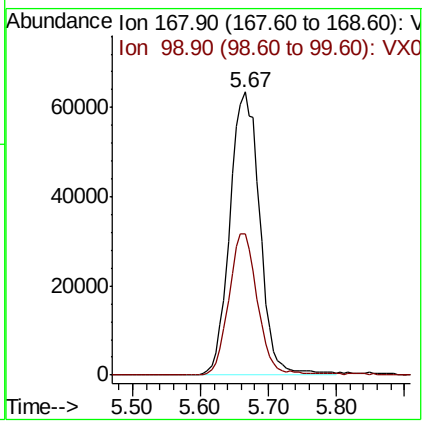


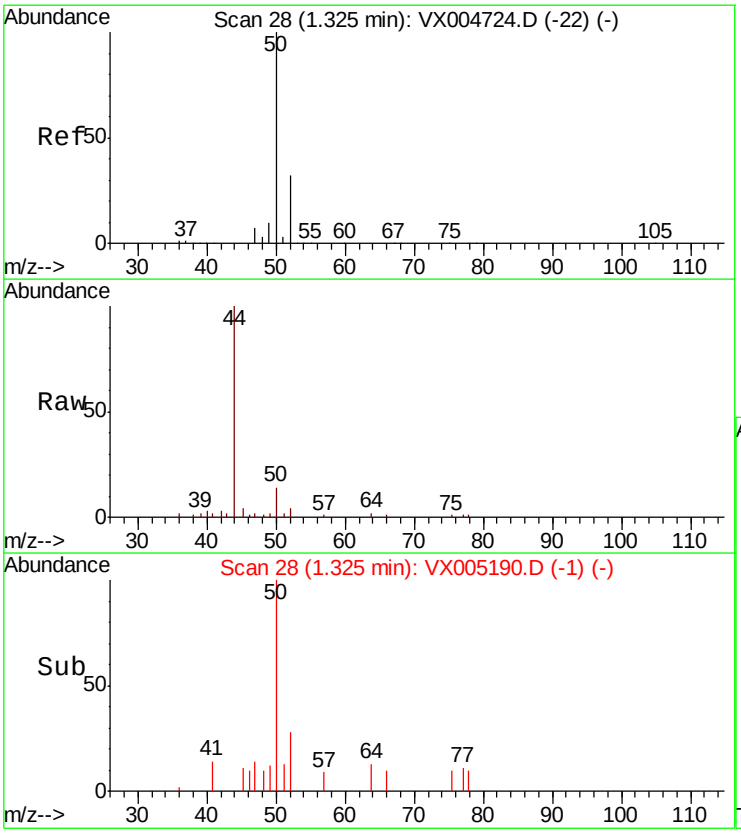
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-4044

Tgt Ion:168 Resp: 194227

Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.3	58.9

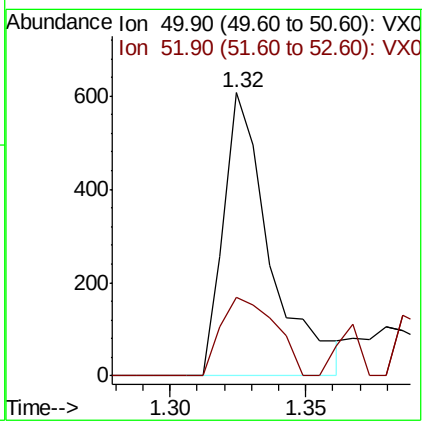


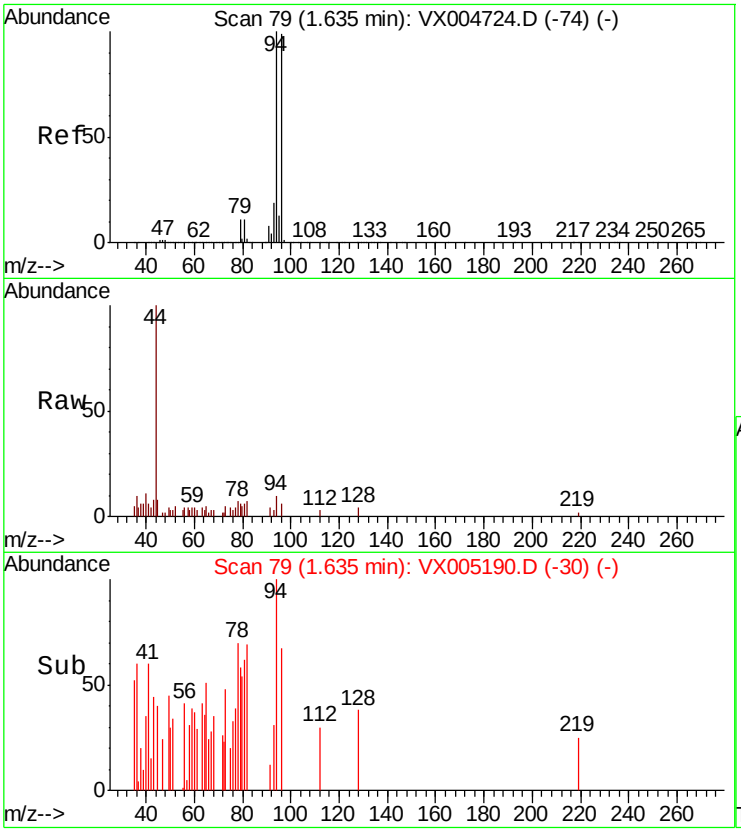


#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion: 50 Resp: 729

Ion	Ratio	Lower	Upper
50	100		
52	27.8	25.8	38.6



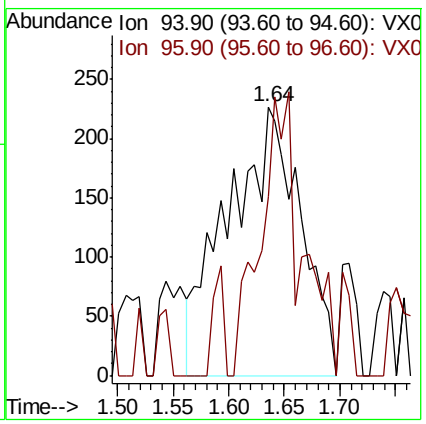


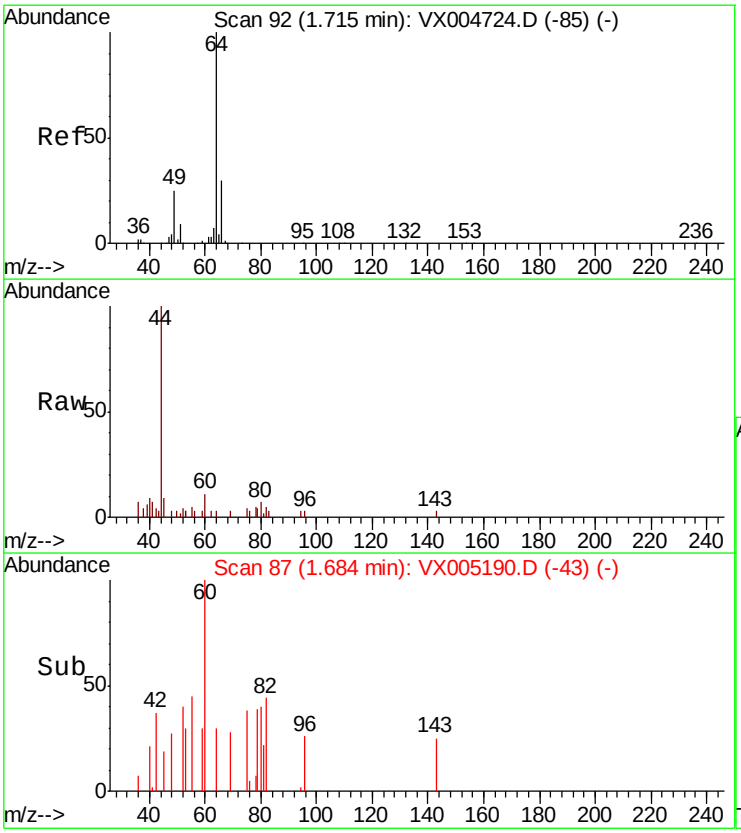
#5
Bromomethane
Concen: 0.578 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-4044

Tgt Ion: 94 Resp: 1032

Ion	Ratio	Lower	Upper
94	100		
96	66.5	79.5	119.3#

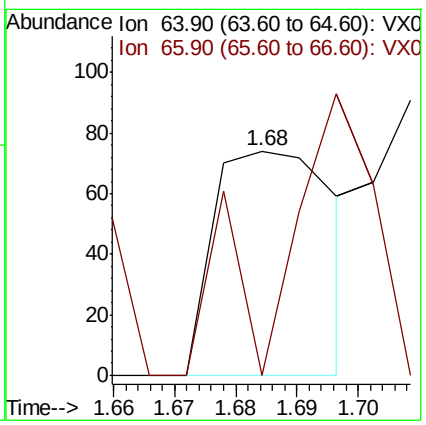


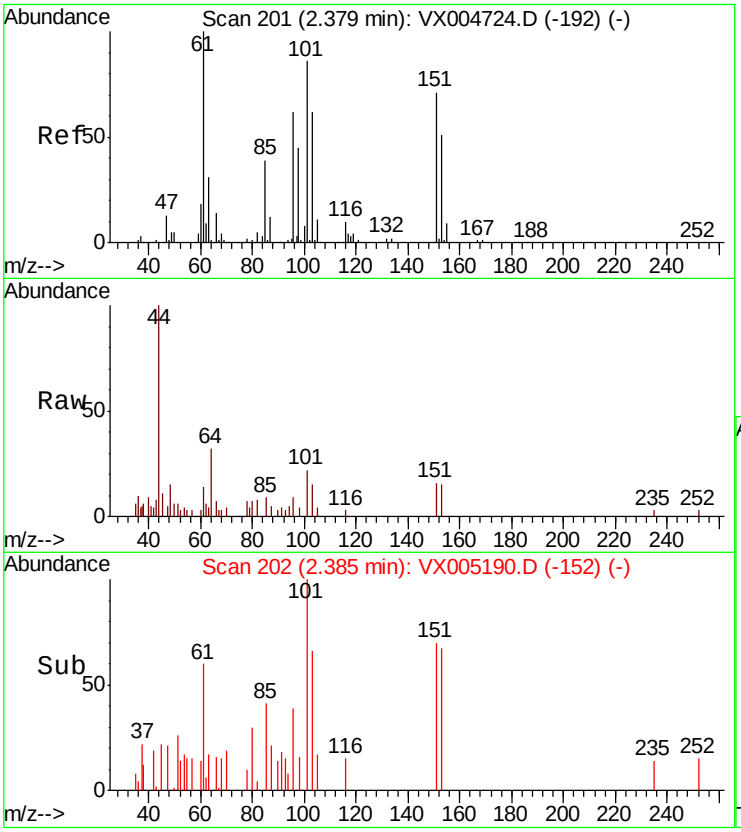


#6
Chloroethane
Concen: Below Cal
RT: 1.68 min Scan# 87
Delta R.T. -0.03 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion: 64 Resp: 101

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#



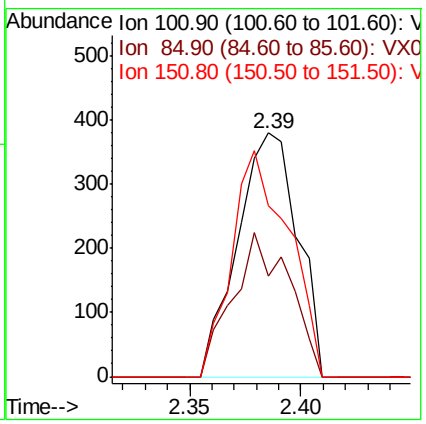


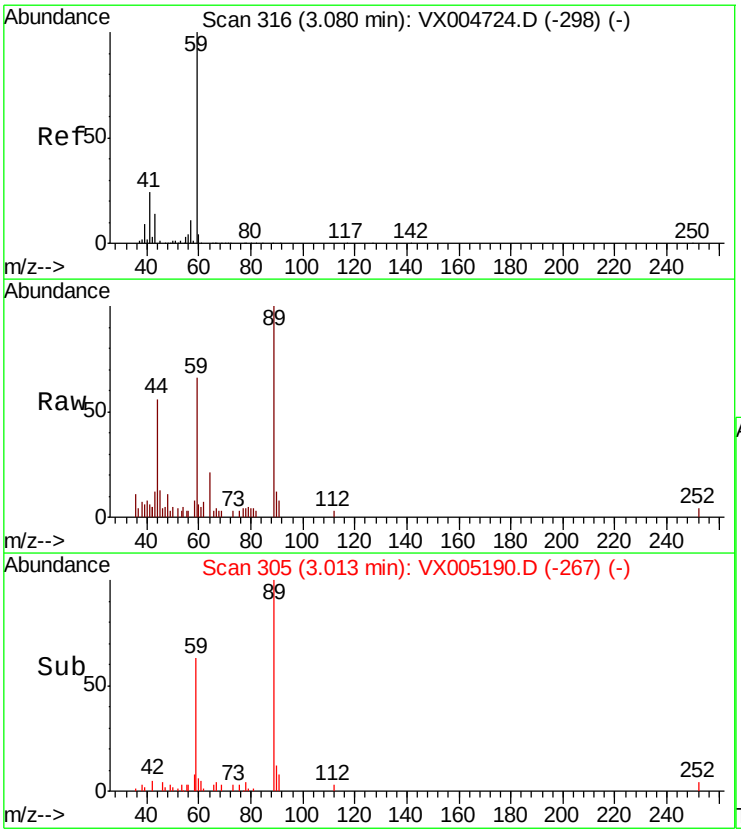
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.336 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-4044

Tgt Ion:101 Resp: 713

Ion	Ratio	Lower	Upper
101	100		
85	55.3	35.9	53.9#
151	87.4	66.6	100.0

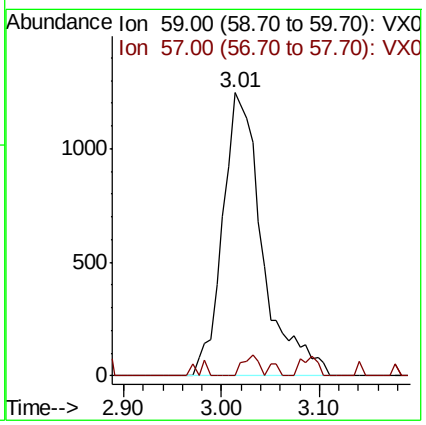


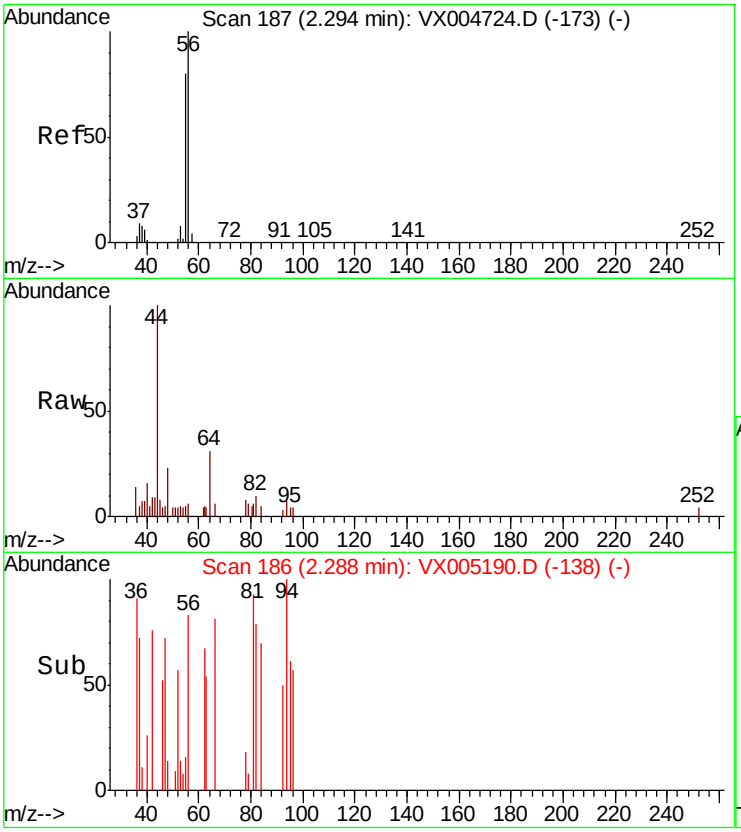


#11
Tert butyl alcohol
Concen: 4.561 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.07 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion: 59 Resp: 3538

Ion	Ratio	Lower	Upper
59	100		
57	2.9	8.6	12.8#



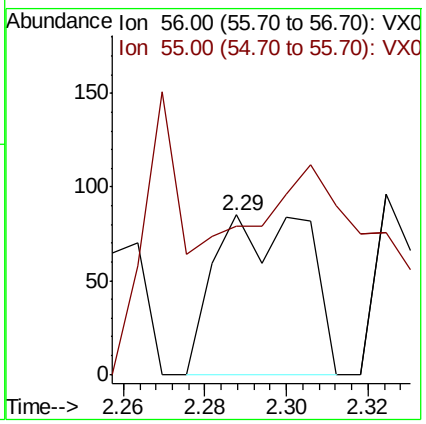


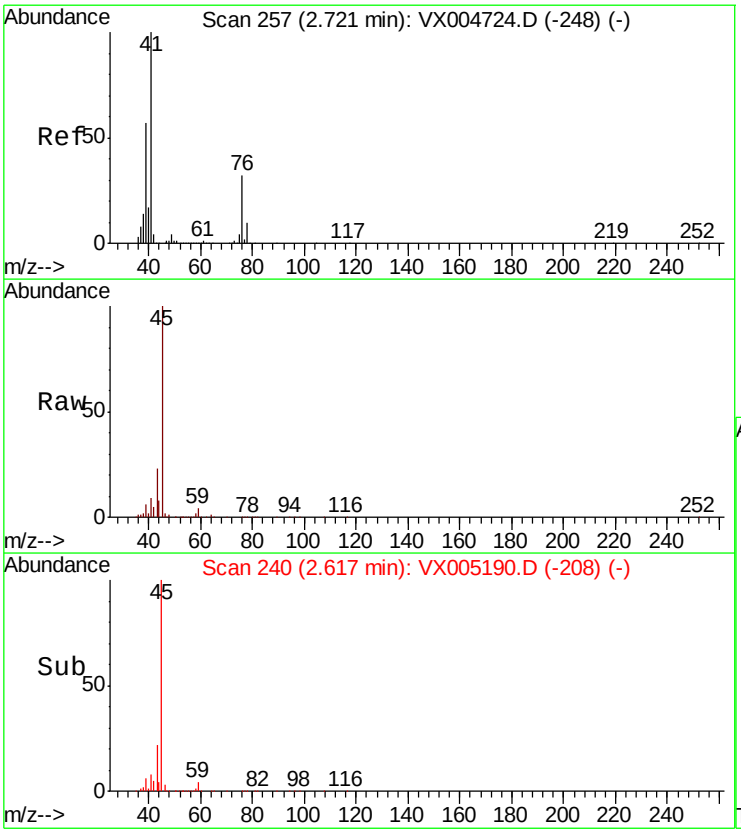
#13
Acrolein
Concen: 0.245 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-4044

Tgt Ion: 56 Resp: 135

Ion	Ratio	Lower	Upper
56	100		
55	137.0	63.4	95.2#

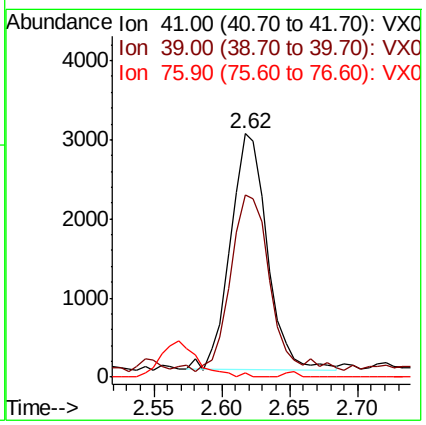


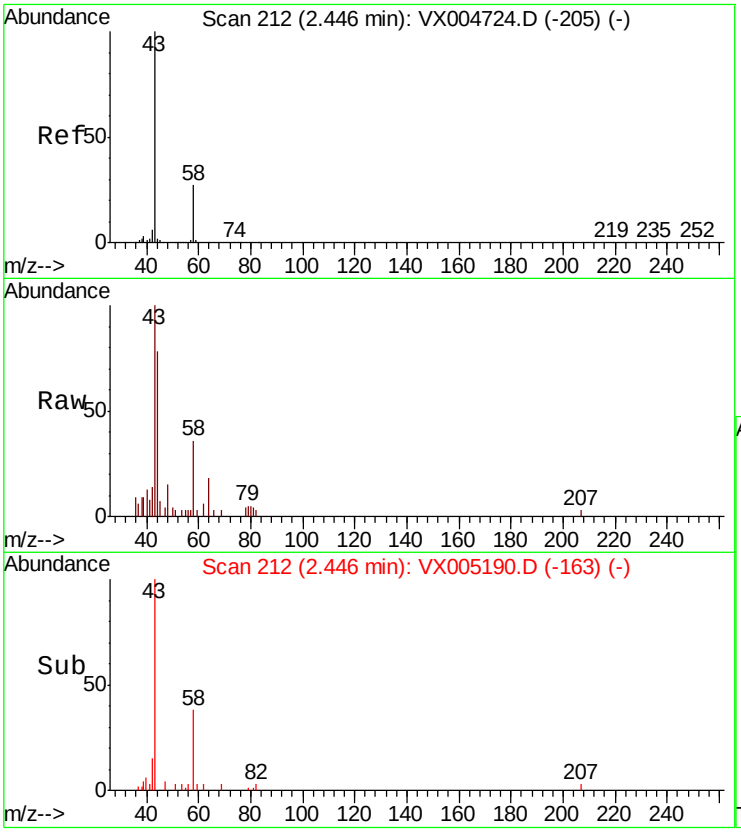


#14
Allyl chloride
Concen: 1.227 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.10 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion: 41 Resp: 5633

Ion	Ratio	Lower	Upper
41	100		
39	77.4	44.1	66.1#
76	0.0	25.0	37.4#



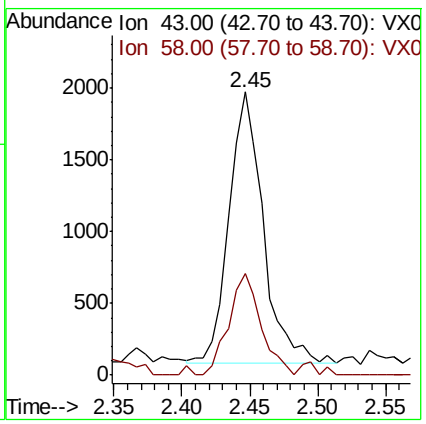


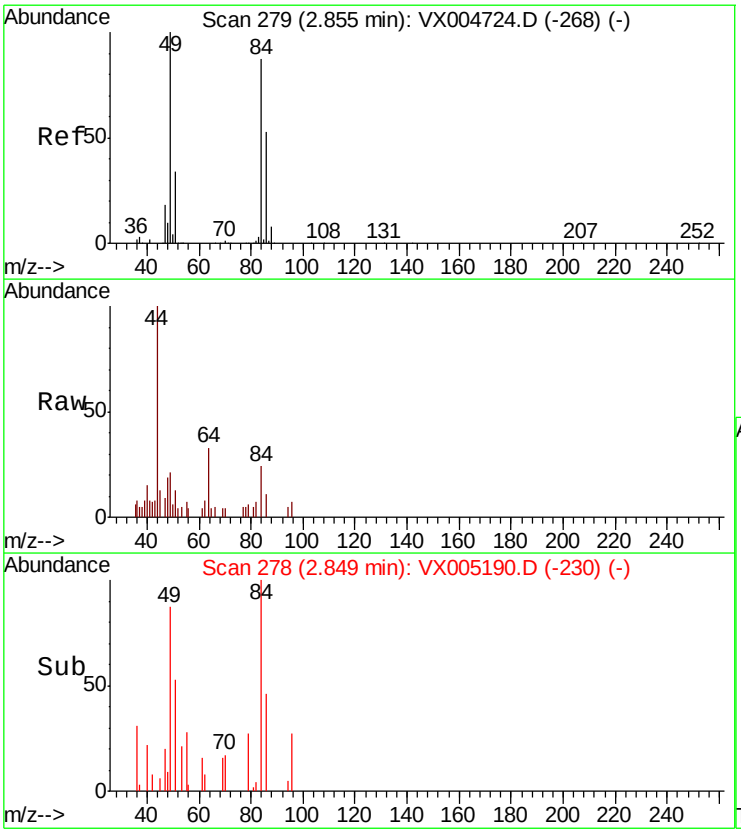
#16
Acetone
Concen: 2.026 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument : MSVOA_X
ClientSampleId : SA-TW513-4044

Tgt Ion: 43 Resp: 3282

Ion	Ratio	Lower	Upper
43	100		
58	37.5	21.8	32.6#

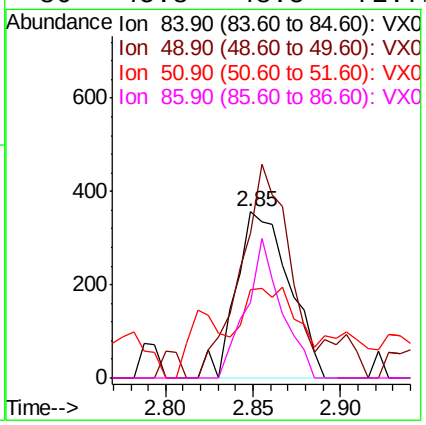


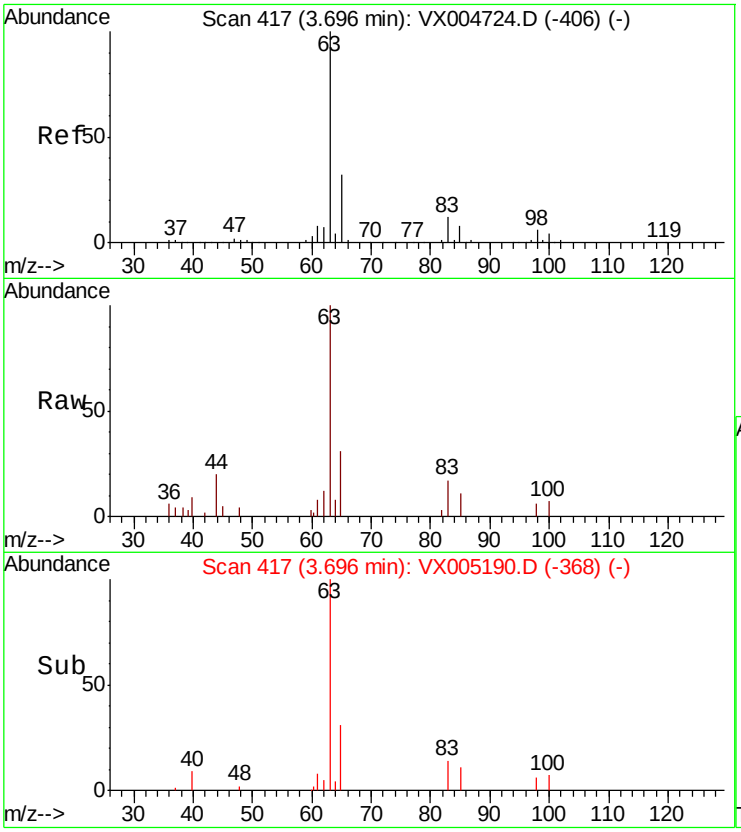


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion: 84 Resp: 756

Ion	Ratio	Lower	Upper
84	100		
49	87.1	92.3	138.5#
51	32.0	31.8	47.6
86	45.8	48.5	72.7#



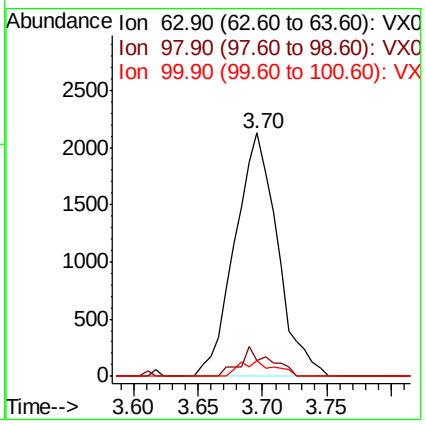


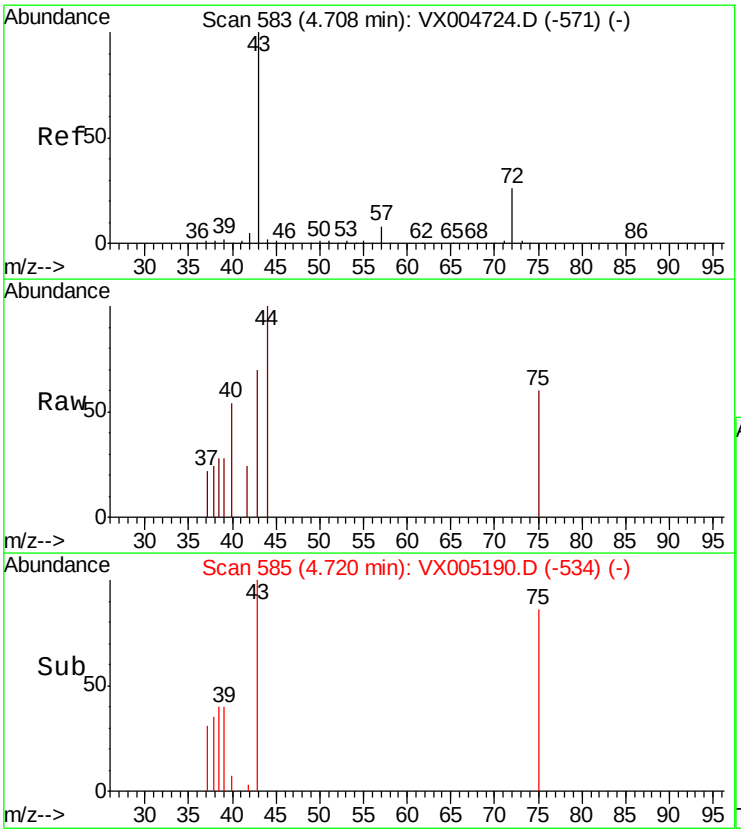
#24
1,1-Dichloroethane
Concen: 1.056 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-4044

Tgt Ion: 63 Resp: 4872

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.0	9.2
100	6.7	2.0	5.8#

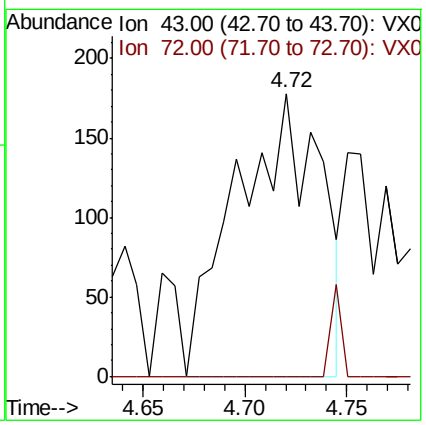


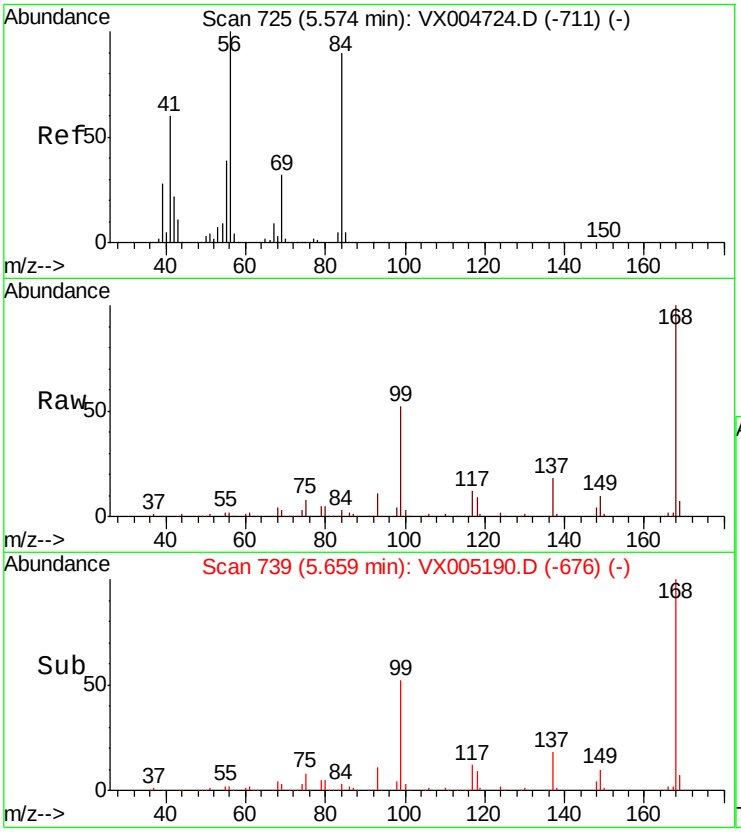


#25
2-Butanone
Concen: 0.213 ug/l
RT: 4.72 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion: 43 Resp: 509

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.8	31.2#



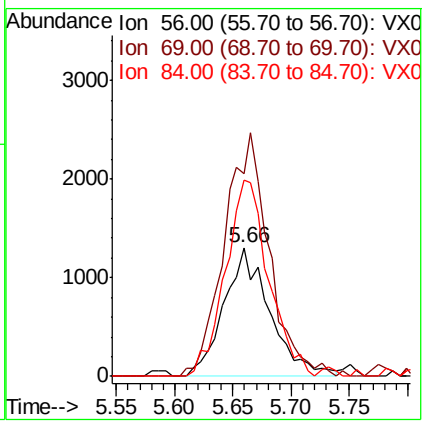


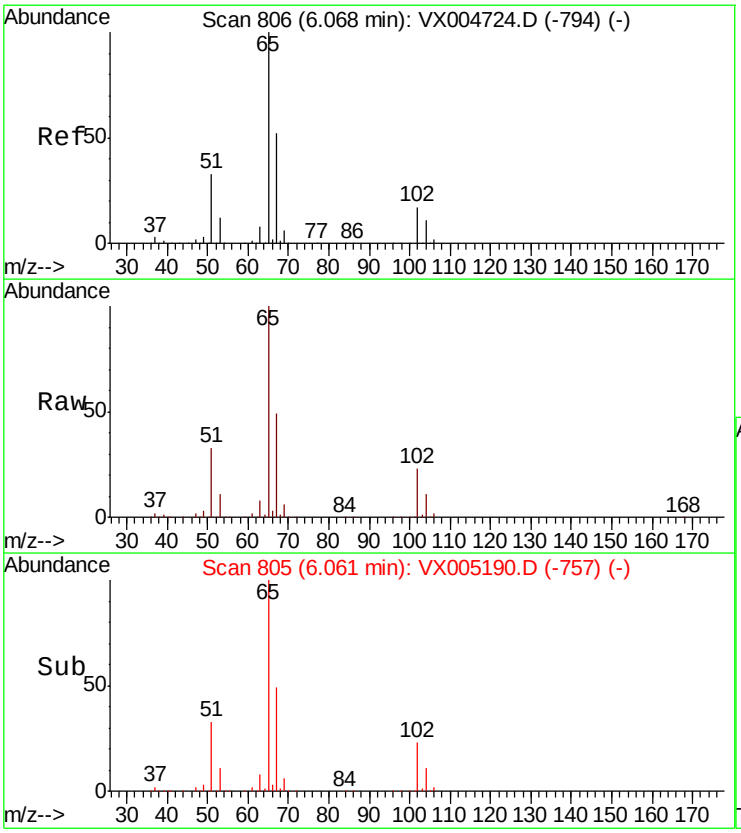
#31
Cyclohexane
Concen: 1.010 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument : MSVOA_X
ClientSampleId : SA-TW513-4044

Tgt Ion: 56 Resp: 3567

Ion	Ratio	Lower	Upper
56	100		
69	157.7	25.9	38.9#
84	152.3	71.9	107.9#

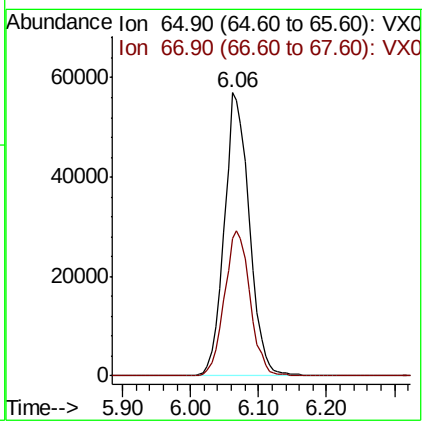


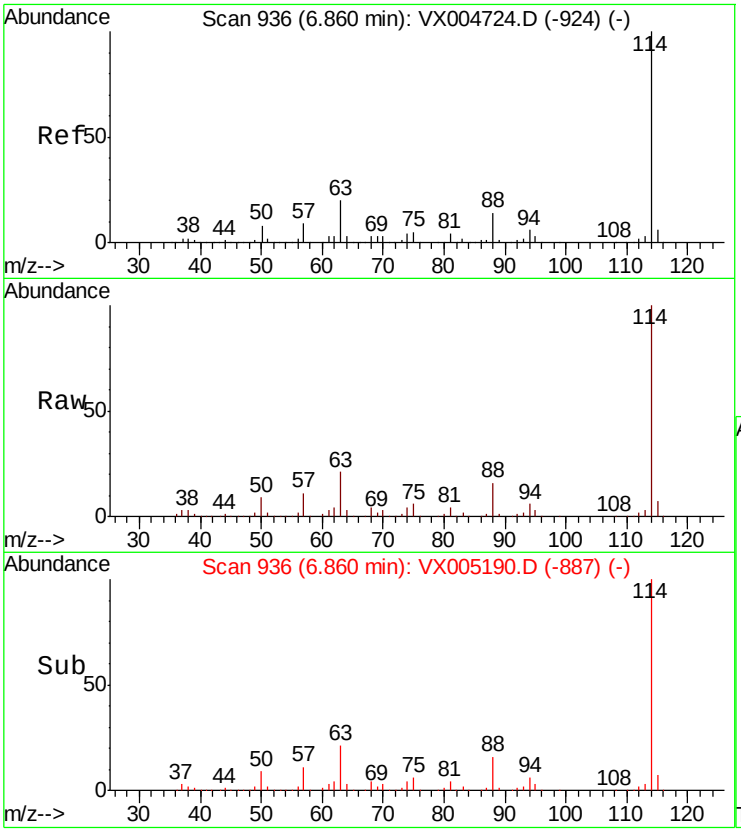


#33
1,2-Dichloroethane-d4
Concen: 52.387 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion: 65 Resp: 145350

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	107.4



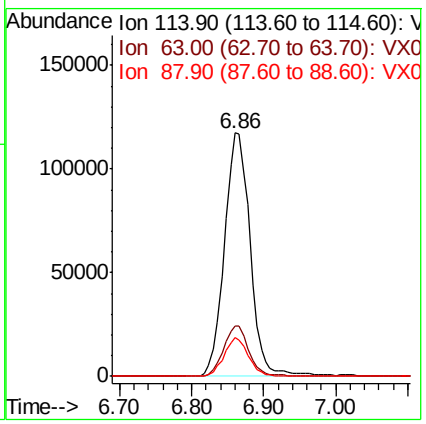


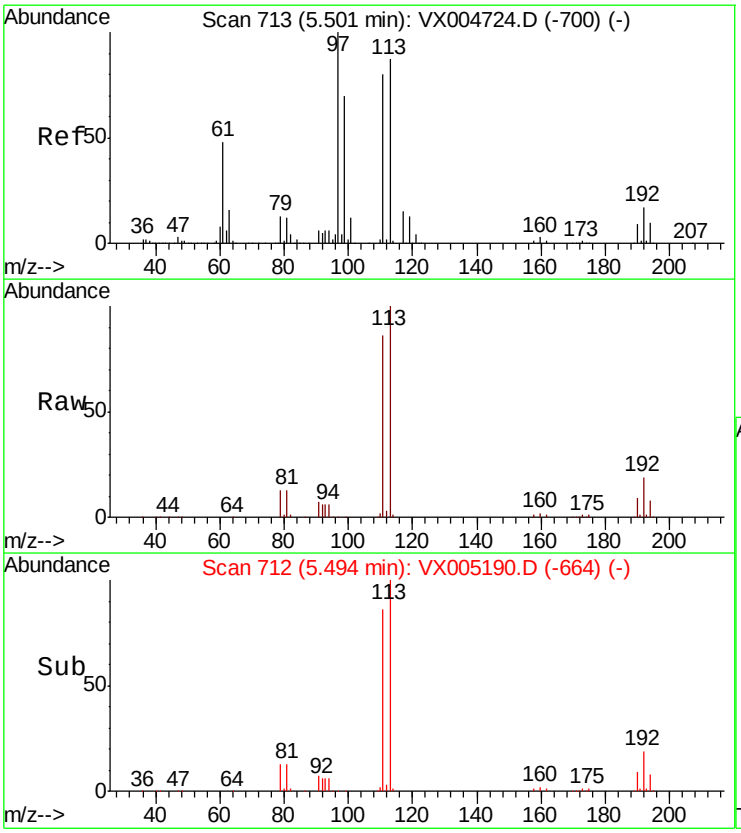
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-4044

Tgt Ion:114 Resp: 292638

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.8
88	15.9	0.0	27.0

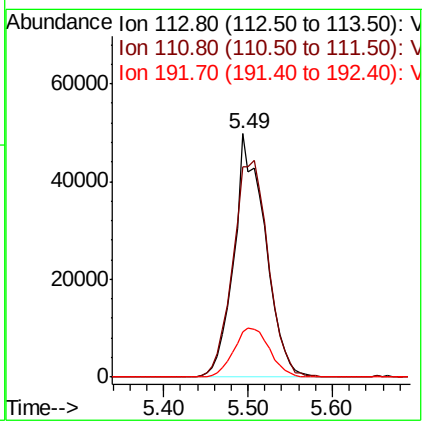


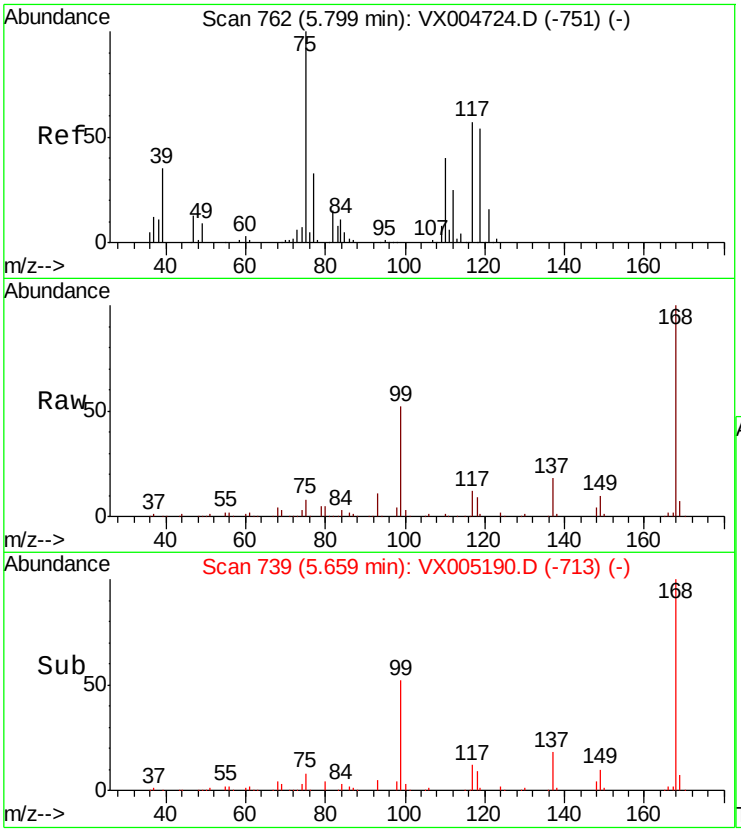


#35
Dibromofluoromethane
Concen: 50.416 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion:113 Resp: 125038

Ion	Ratio	Lower	Upper
113	100		
111	100.9	77.0	115.4
192	23.1	17.0	25.6



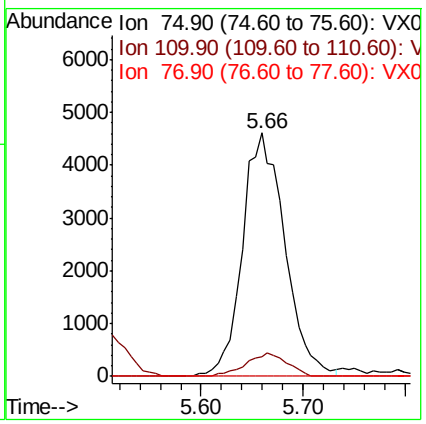


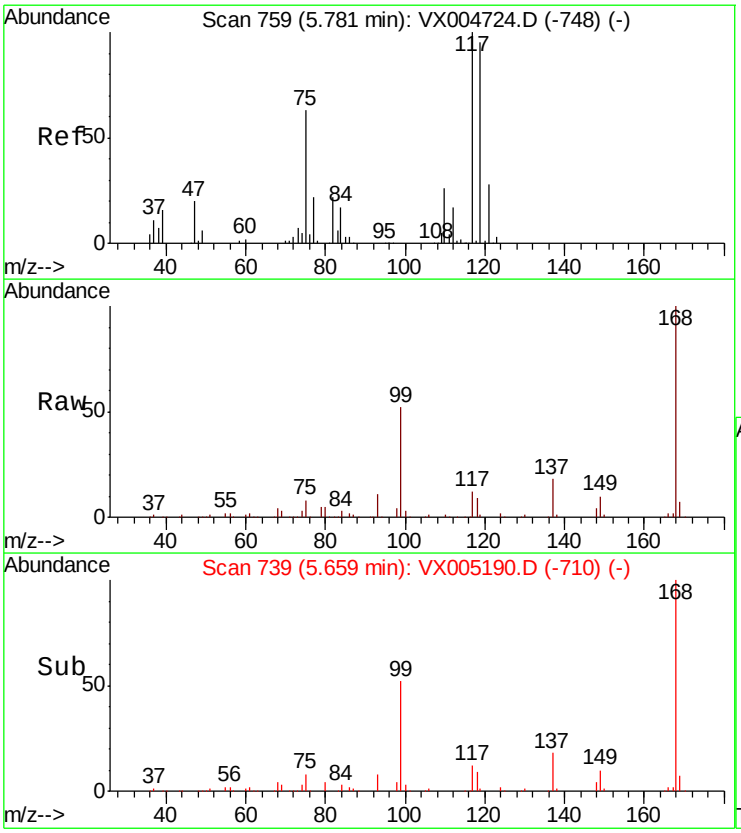
#36
1,1-Dichloropropene
Concen: 3.928 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-4044

Tgt Ion: 75 Resp: 13293

Ion	Ratio	Lower	Upper
75	100		
110	9.2	20.0	59.9#
77	0.0	27.1	40.7#

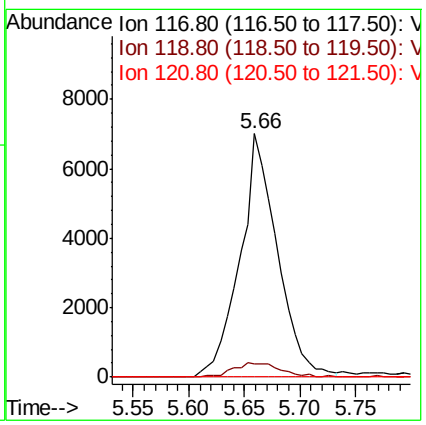


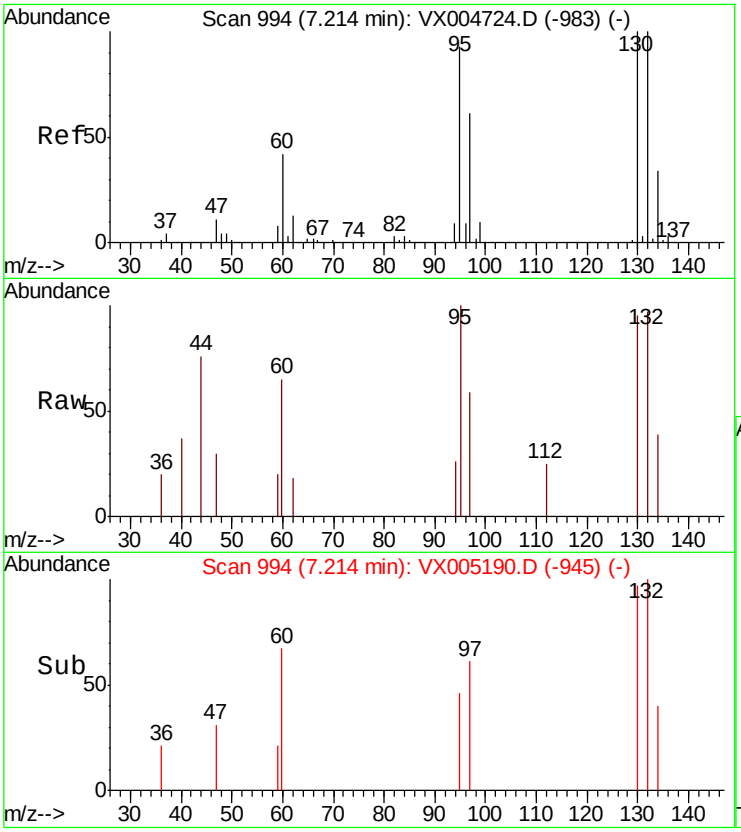


#38
Carbon Tetrachloride
Concen: 4.591 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion:117 Resp: 16330

Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.2	112.8#
121	0.0	22.5	33.7#



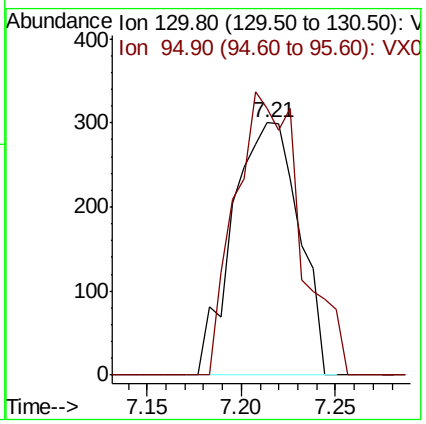


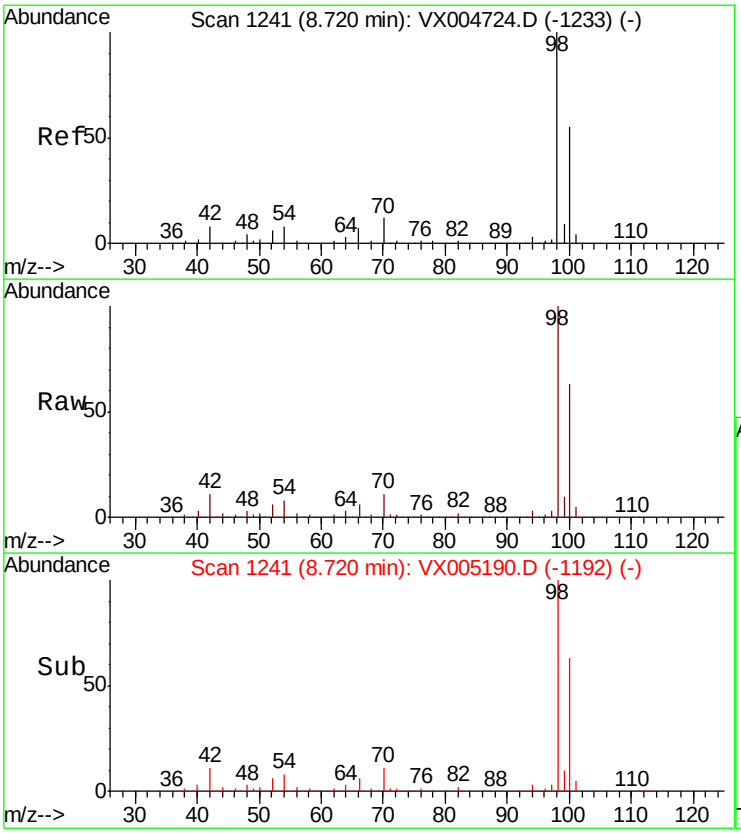
#44
Trichloroethene
Concen: 0.280 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-4044

Tgt Ion:130 Resp: 728

Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	186.8

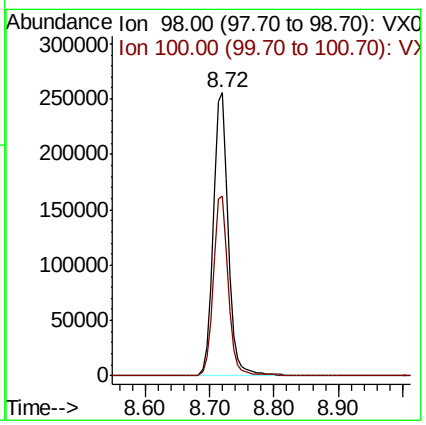


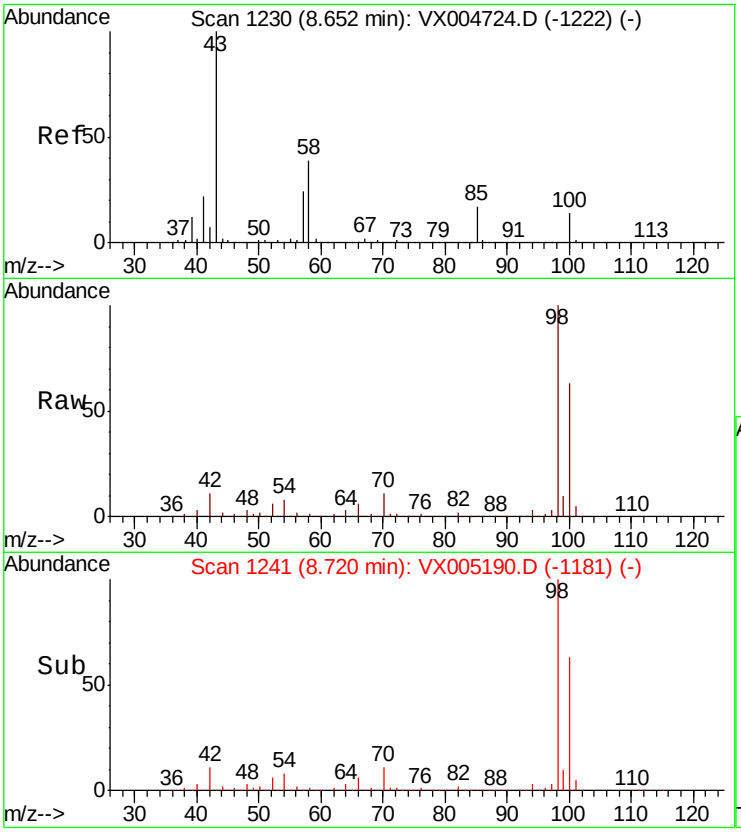


#50
Toluene-d8
Concen: 50.958 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion: 98 Resp: 420158

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.9	77.9



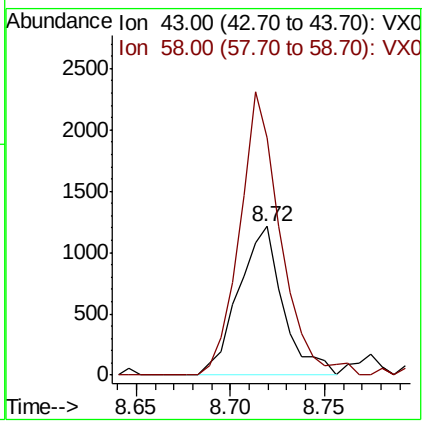


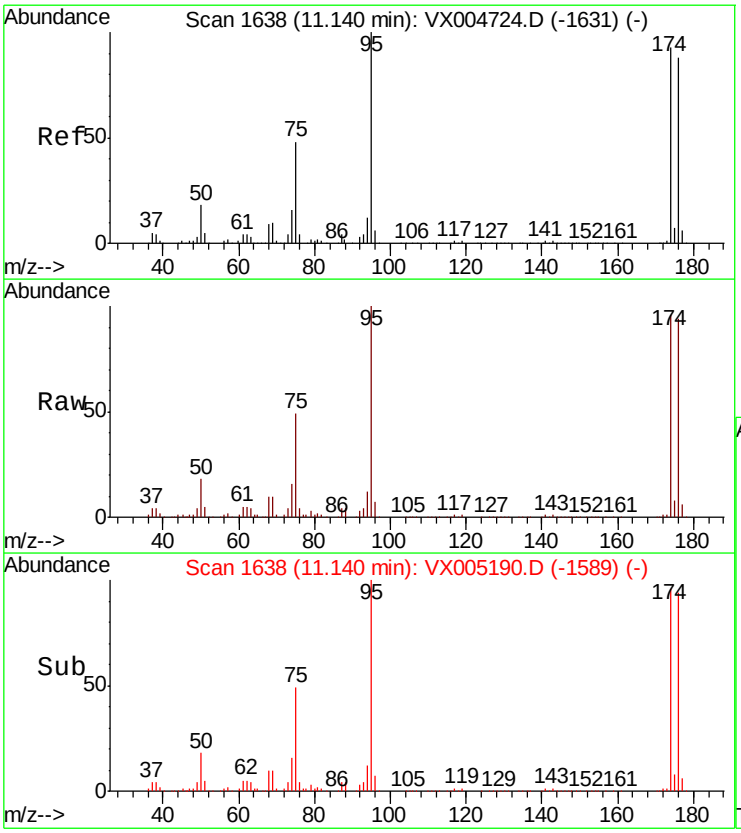
#51
4-Methyl-2-Pentanone
Concen: 0.486 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.07 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-4044

Tgt Ion: 43 Resp: 1985

Ion	Ratio	Lower	Upper
43	100		
58	175.1	30.5	45.7#

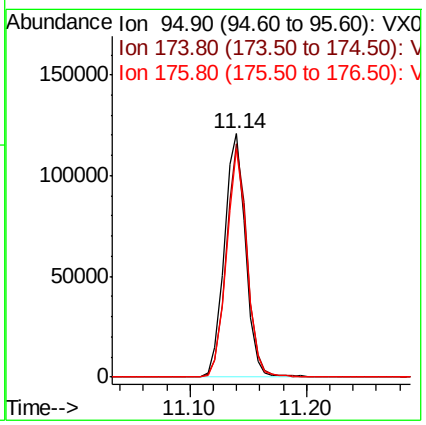


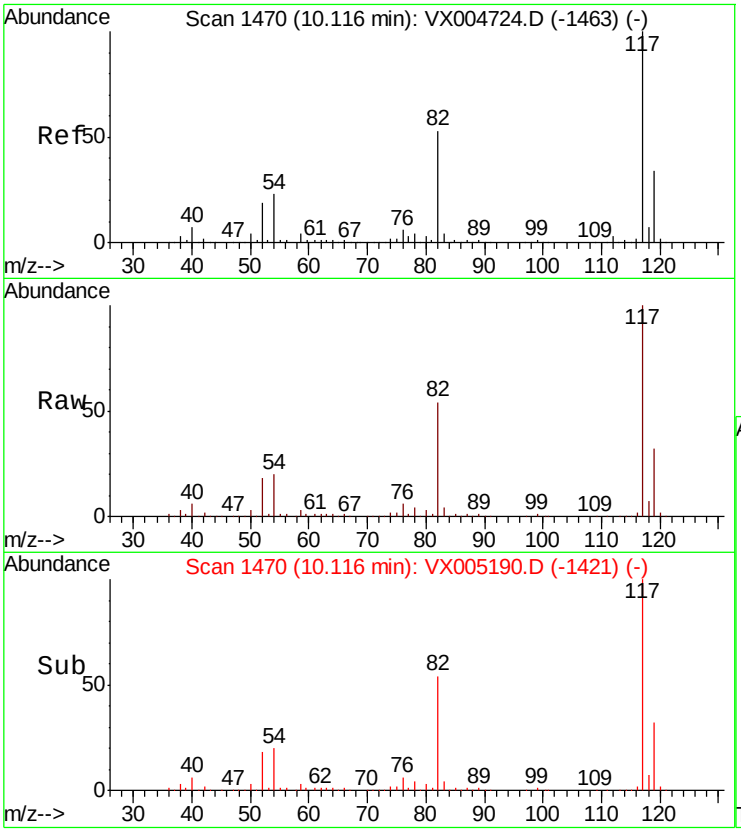


#62
4-Bromofluorobenzene
Concen: 51.258 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion: 95 Resp: 152255

Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	185.0
176	90.6	0.0	180.2



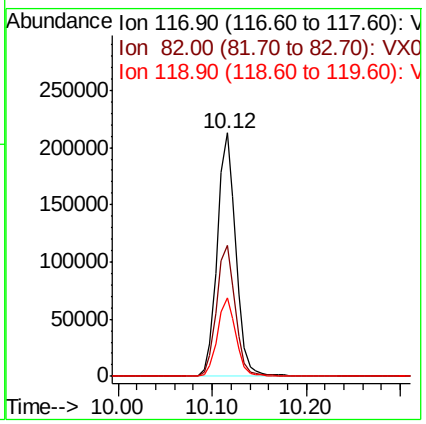


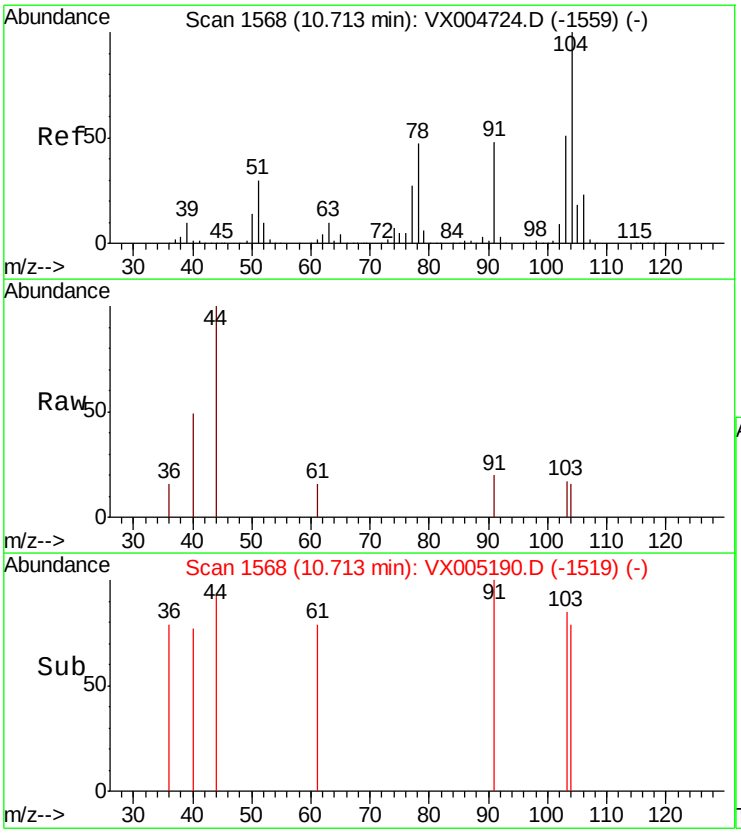
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument : MSVOA_X
ClientSampleId : SA-TW513-4044

Tgt Ion:117 Resp: 290578

Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.4
119	32.0	27.4	41.0

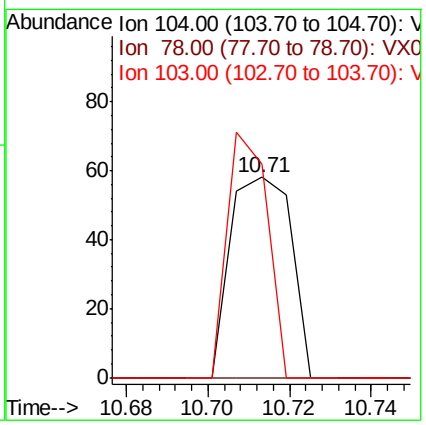


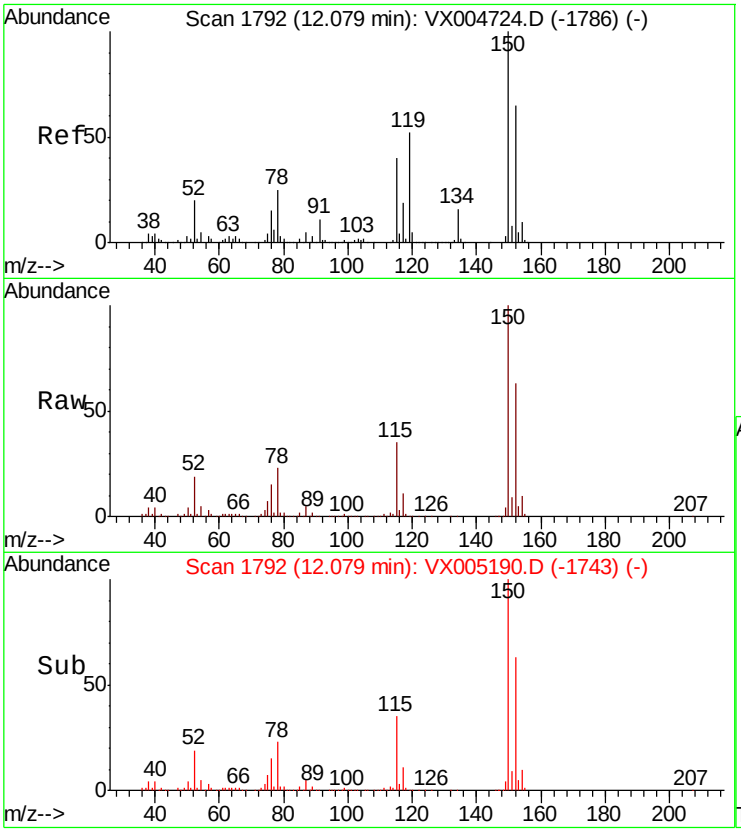


#70
Styrene
Concen: 2.148 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion:104 Resp: 60

Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.0	60.0#
103	81.7	44.3	66.5#



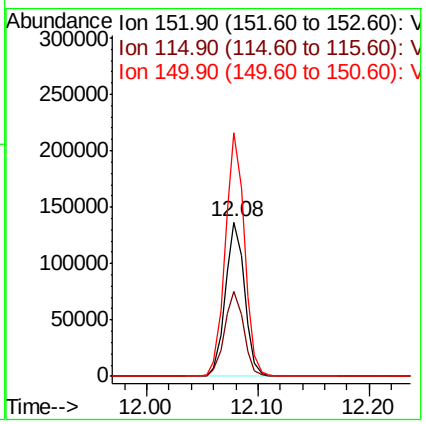


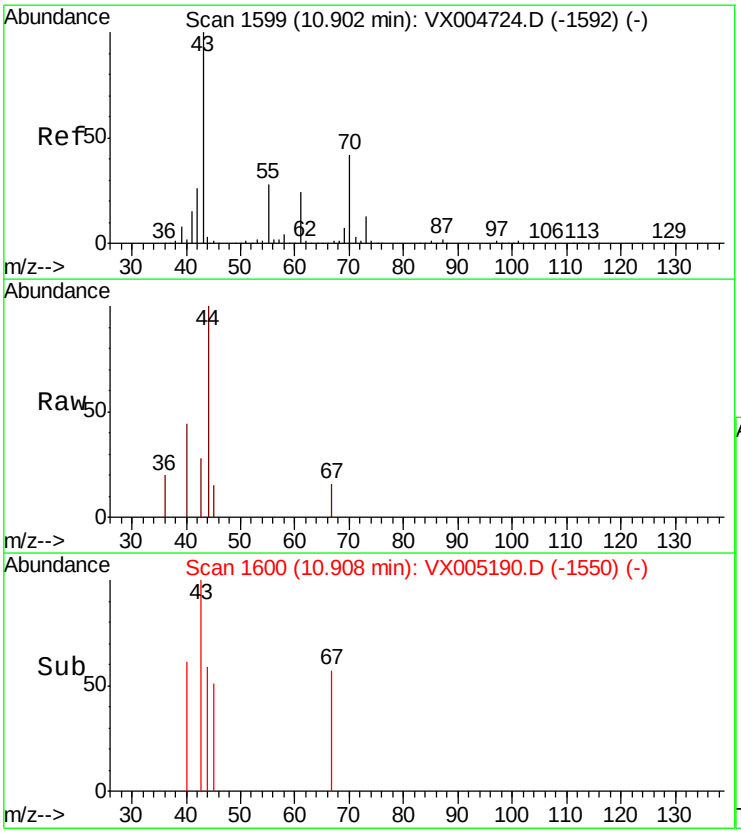
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-4044

Tgt Ion:152 Resp: 162518

Ion	Ratio	Lower	Upper
152	100		
115	55.2	40.2	120.6
150	157.6	0.0	351.0

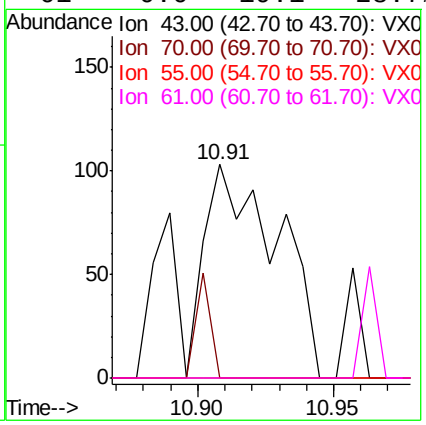


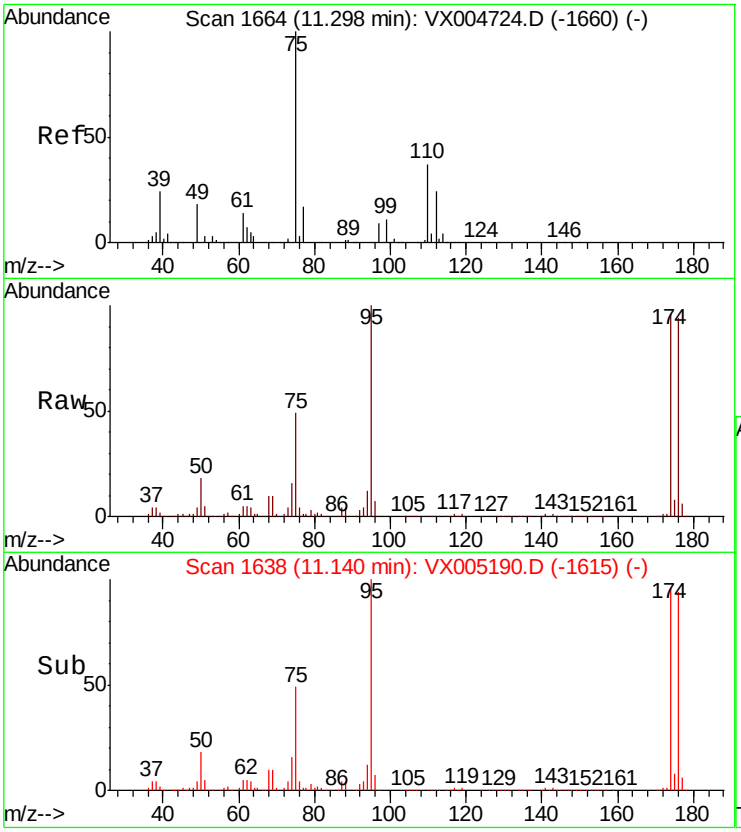


#74
N-amyl acetate
Concen: 1.781 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion: 43 Resp: 192

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



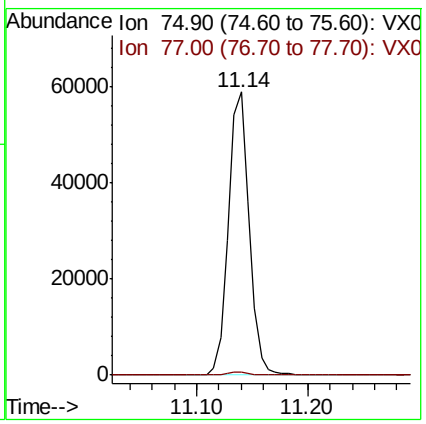


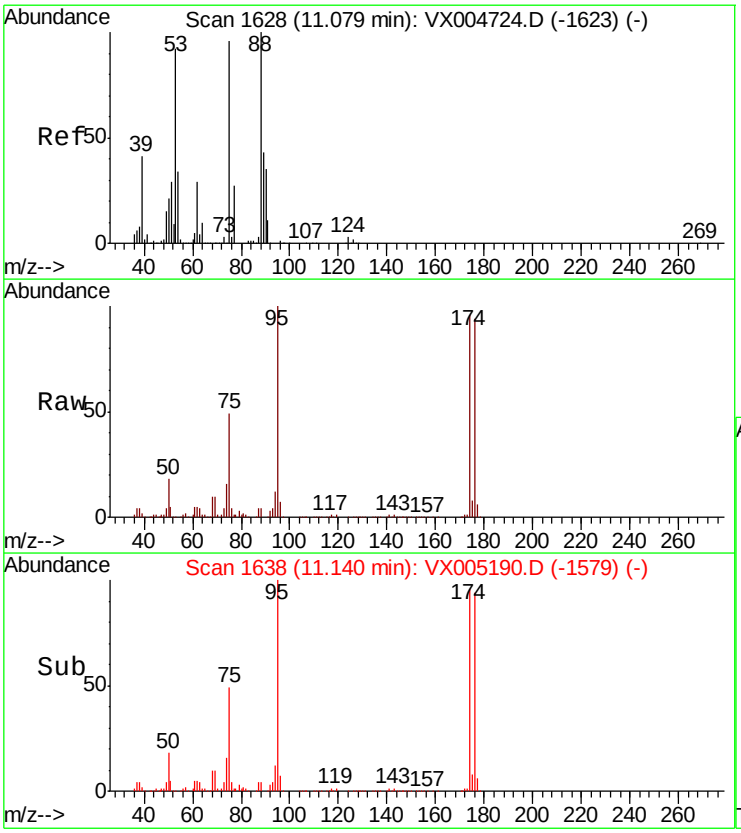
#76
1,2,3-Trichloropropane
Concen: 20.828 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-4044

Tgt Ion: 75 Resp: 75869

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#

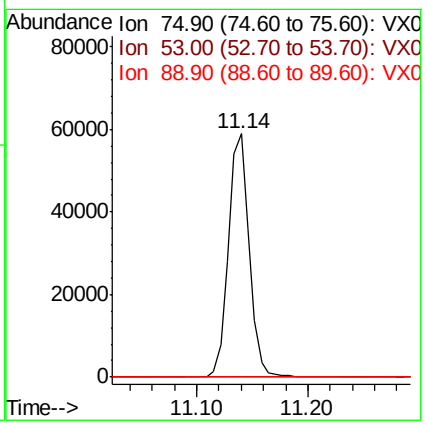


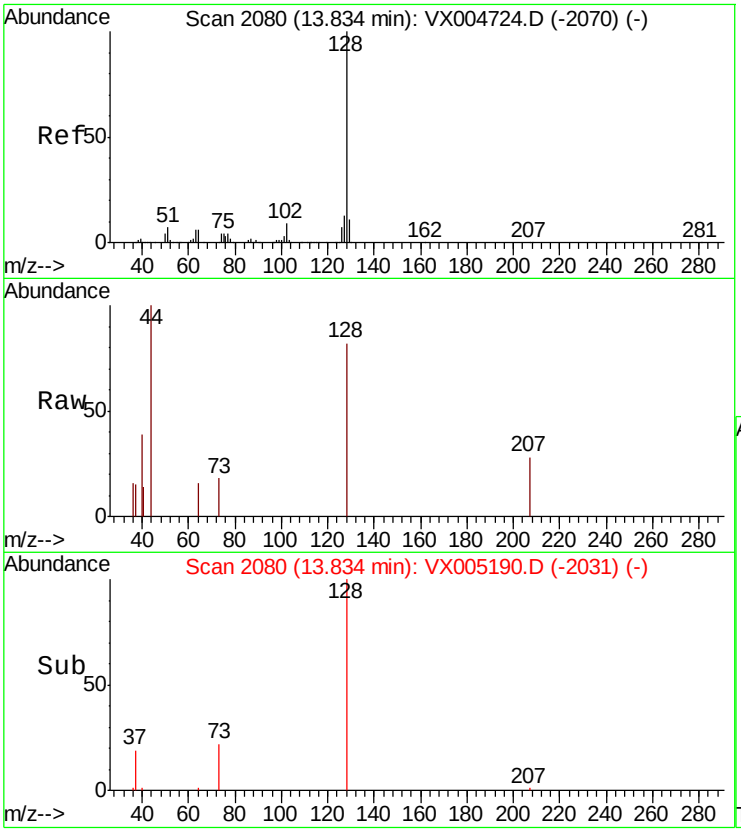


#81
trans-1,4-Dichloro-2-butene
Concen: 56.536 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Tgt Ion: 75 Resp: 75869

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 0.755 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005190.D
Acq: 10 Oct 2018 06:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-4044

Tgt Ion:128 Resp: 483

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#