Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062118\
Data File : VX002790.D
Acq On : 21 Jun 2018 16:03
Operator : JC/MD
Sample : J3570-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 20180373-AMENDED-COMPOSITE-

Quant Time: Jun 22 01:10:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	236925	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	333489	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	313201	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175992	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	161212	44.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.56%				
35) Dibromofluoromethane	5.51	113	70668	26.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 53.10%				
50) Toluene-d8	8.72	98	481364	47.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.26%				
62) 4-Bromofluorobenzene	11.14	95	165406	43.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.38%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	376	0.20	ug/l		85
10) Methyl Iodide	2.52	142	932	5.40	ug/l	#	83
13) Acrolein	2.31	56	860	9.26	ug/l	#	67
16) Acetone	2.45	43	50253	31.64	ug/l		99
17) Carbon Disulfide	2.57	76	2090	0.33	ug/l	#	90
18) Methyl Acetate	2.78	43	3092	0.73	ug/l		93
20) Methylene Chloride	2.86	84	4886	1.50	ug/l		98
25) 2-Butanone	4.71	43	10694	5.13	ug/l		94
29) Tetrahydrofuran	5.18	42	684	0.50	ug/l	#	90
31) Cyclohexane	5.66	56	4850	1.14	ug/l	#	35
36) 1,1-Dichloropropene	5.67	75	16538	4.67	ug/l	#	50
37) Ethyl Acetate	4.71	43	10694	2.67	ug/l	#	70
38) Carbon Tetrachloride	5.67	117	21397	6.07	ug/l	#	16
51) 4-Methyl-2-Pentanone	8.66	43	2484	0.58	ug/l		91
53) t-1,3-Dichloropropene	8.45	75	26	2.40	ug/l	#	43
54) cis-1,3-Dichloropropene	9.06	75	26	3.22	ug/l	#	32
59) 2-Hexanone	9.50	43	1262	0.39	ug/l		86
60) Dibromochloromethane	9.68	129	19	3.77	ug/l	#	11
76) 1,2,3-Trichloropropane	11.14	75	89404	26.92	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	89404	83.12	ug/l	#	7
90) Hexachloroethane	12.58	117	22	2.64	ug/l	#	1

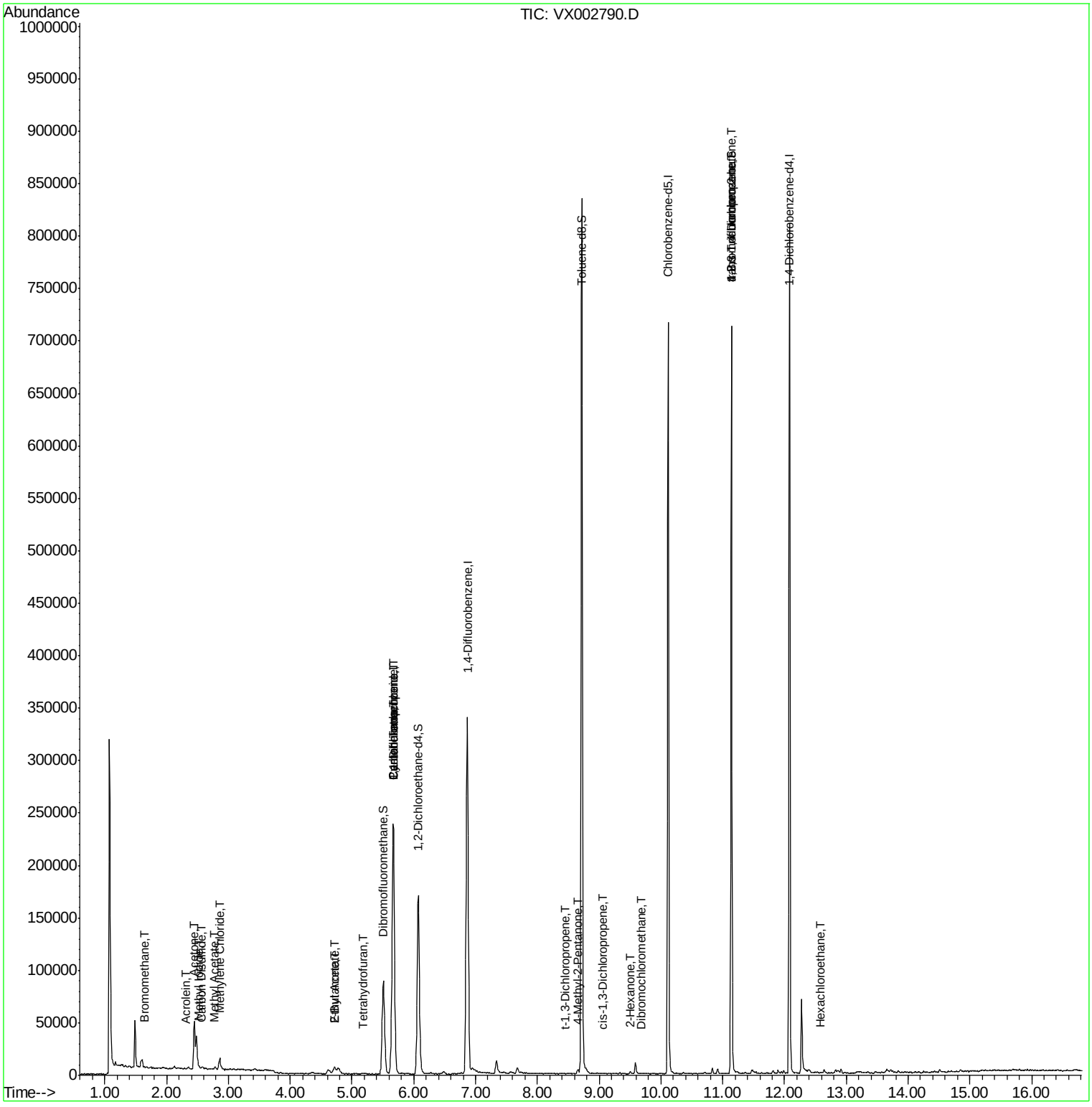
(#) = qualifier out of range (m) = manual integration (+) = signals summed

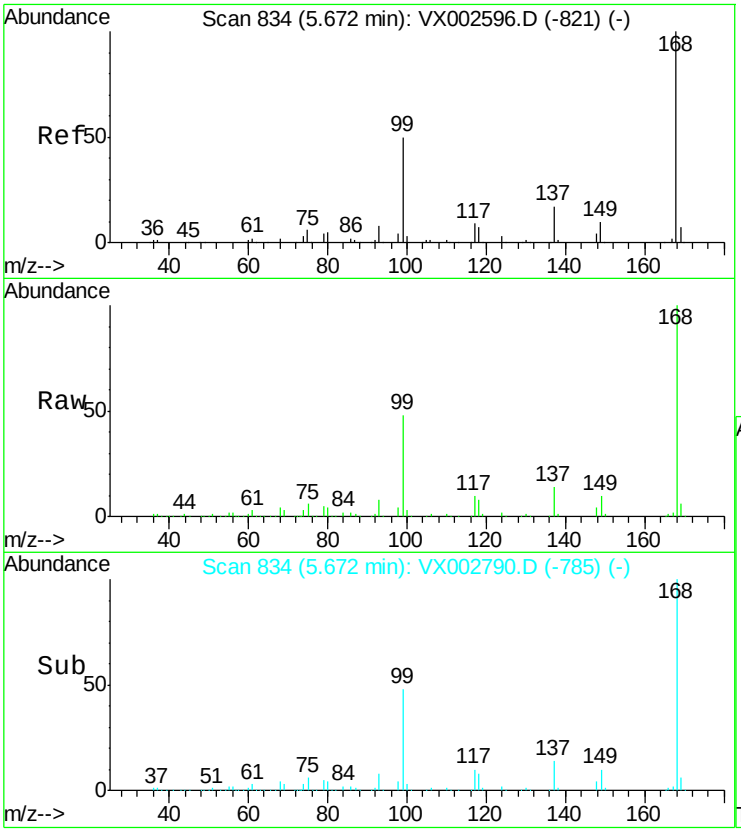
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
Data File : VX002790.D
Acq On : 21 Jun 2018 16:03
Operator : JC/MD
Sample : J3570-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Quant Time: Jun 22 01:10:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration



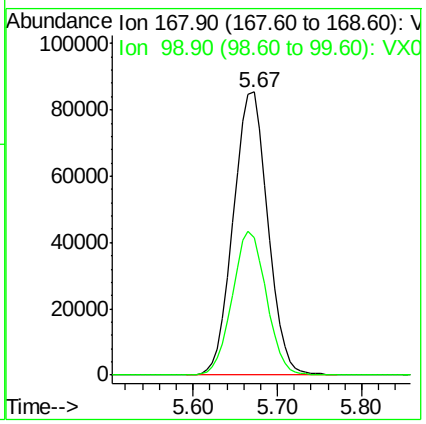


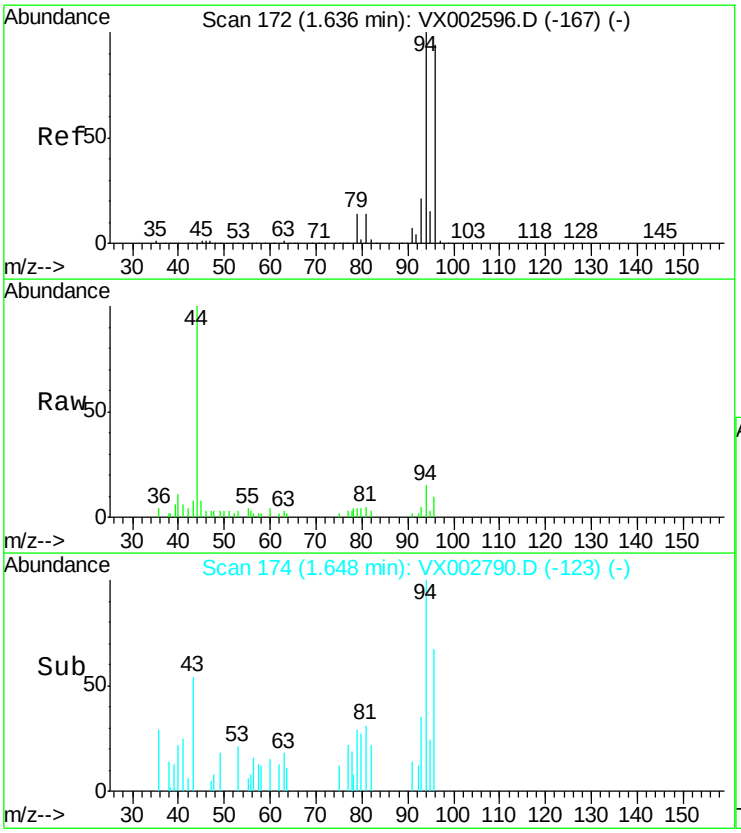
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:168 Resp: 236925

Ion	Ratio	Lower	Upper
168	100		
99	48.4	39.3	58.9

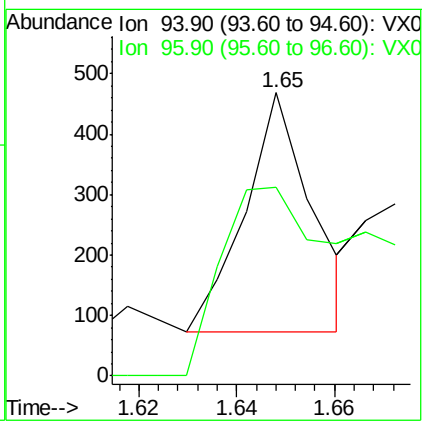


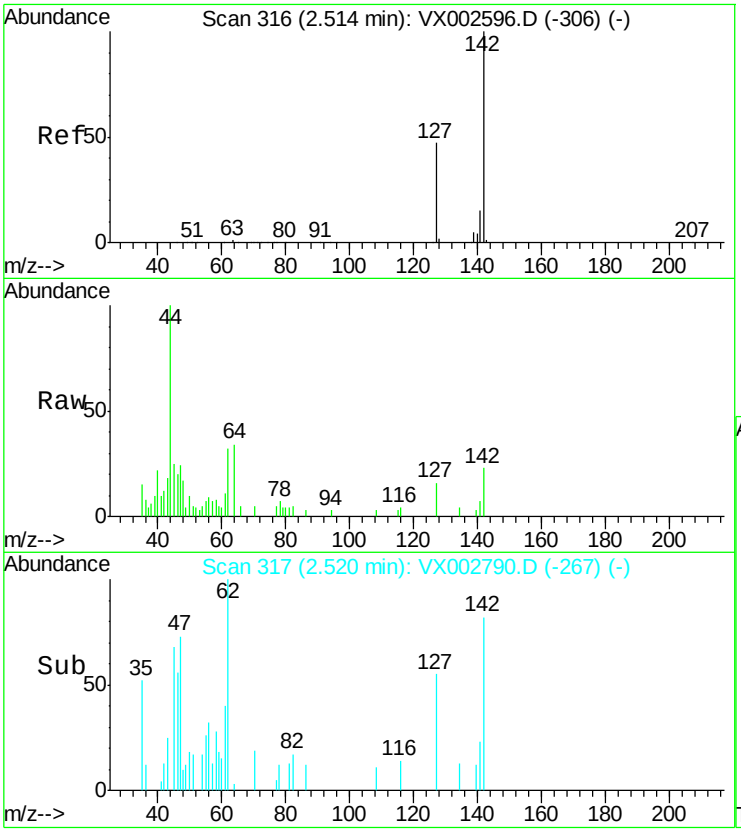


#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 94 Resp: 376

Ion	Ratio	Lower	Upper
94	100		
96	79.2	74.9	112.3



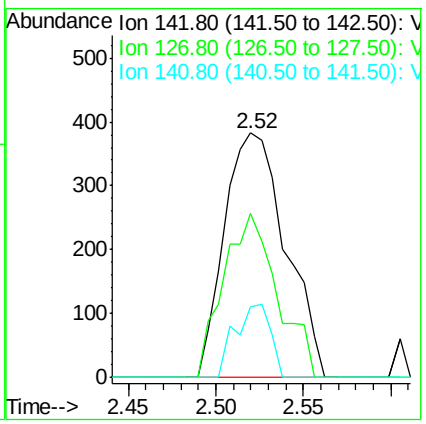


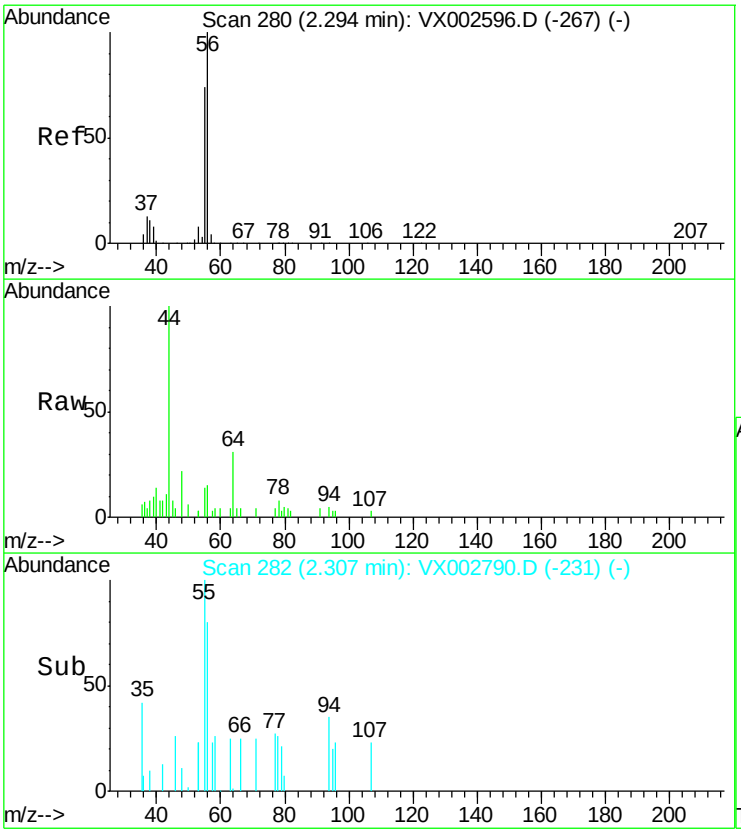
#10
Methyl Iodide
Concen: 5.40 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:142 Resp: 932

Ion	Ratio	Lower	Upper
142	100		
127	58.8	36.6	55.0#
141	17.0	11.3	16.9#

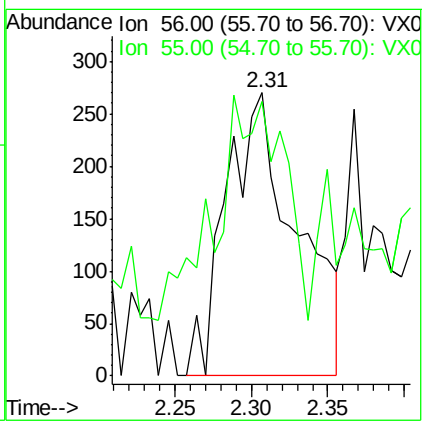


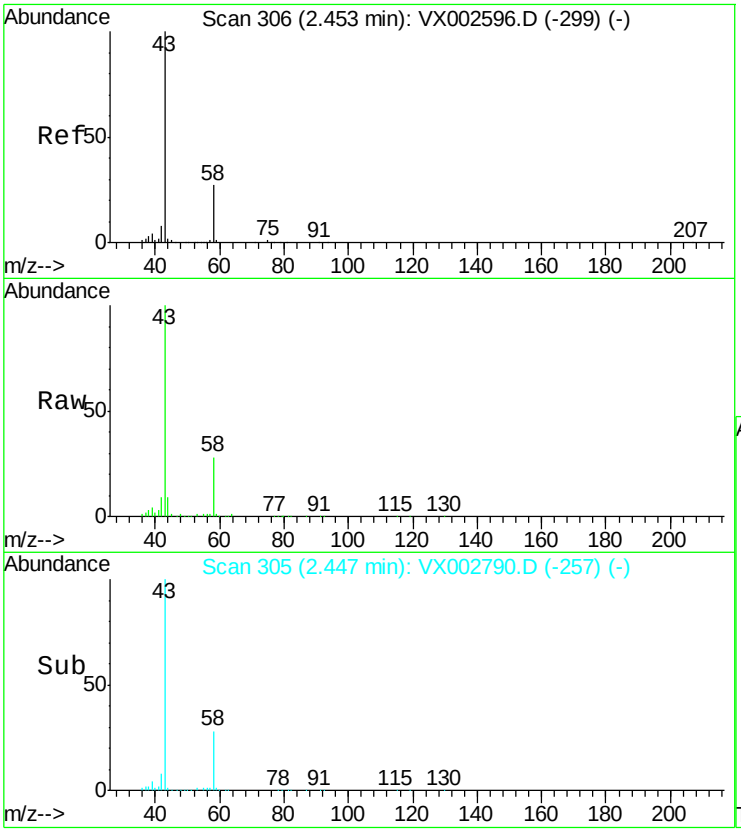


#13
Acrolein
Concen: 9.26 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 56 Resp: 860

Ion	Ratio	Lower	Upper
56	100		
55	43.7	57.0	85.4#



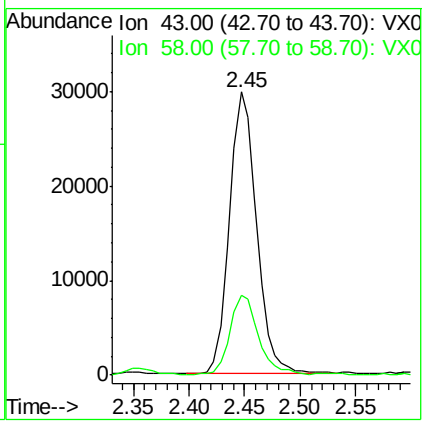


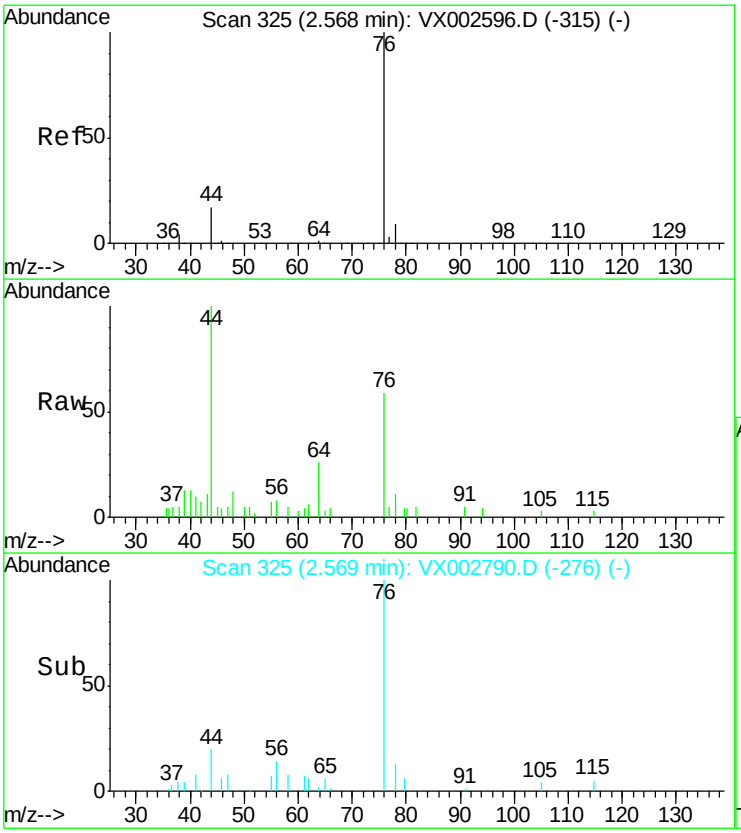
#16
Acetone
Concen: 31.64 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion: 43 Resp: 50253

Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.1	33.1

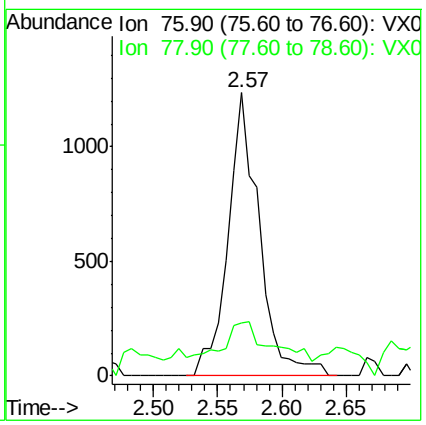


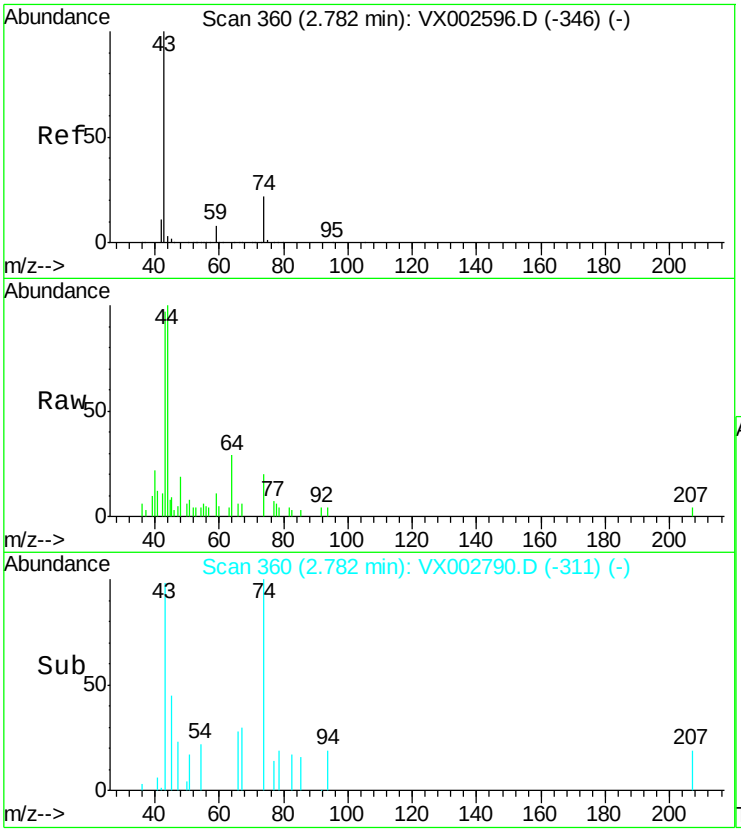


#17
Carbon Disulfide
Concen: 0.33 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 76 Resp: 2090

Ion	Ratio	Lower	Upper
76	100		
78	12.3	6.9	10.3#



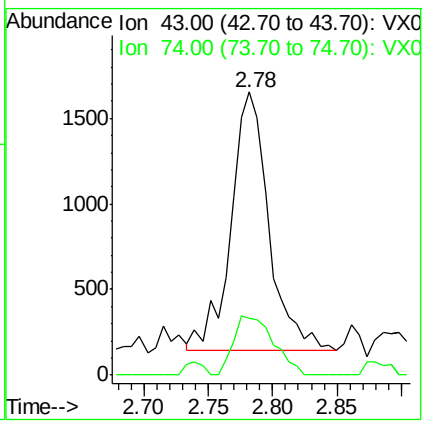


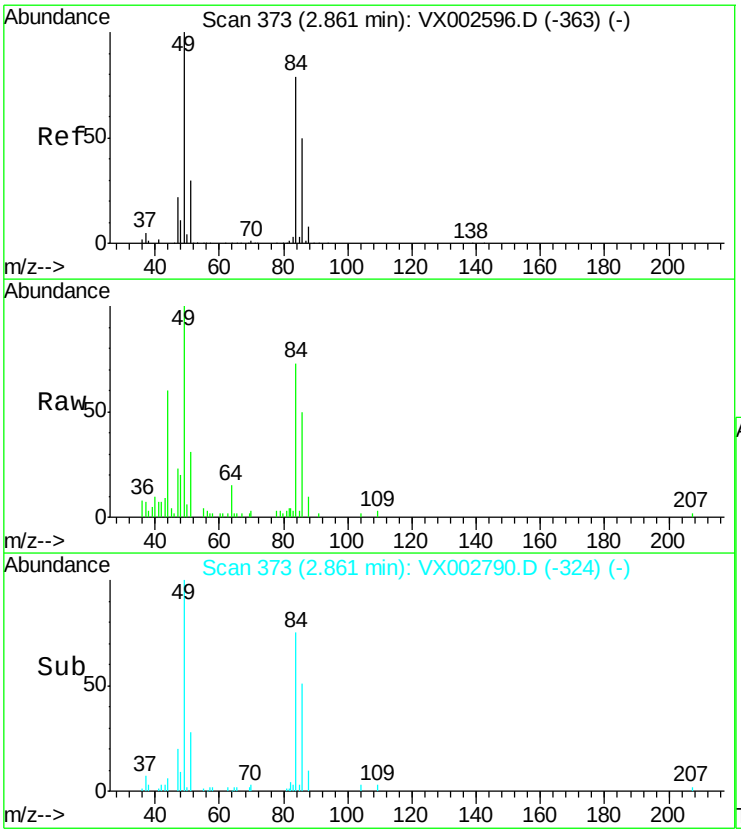
#18
Methyl Acetate
Concen: 0.73 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion: 43 Resp: 3092

Ion	Ratio	Lower	Upper
43	100		
74	24.0	16.7	25.1

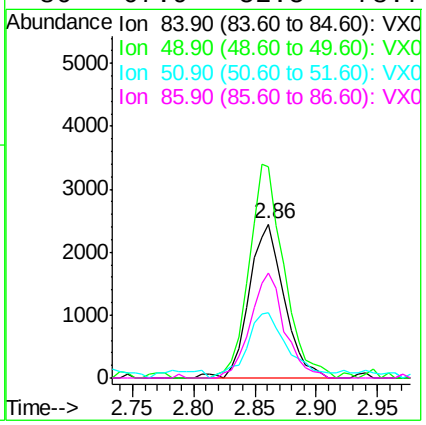


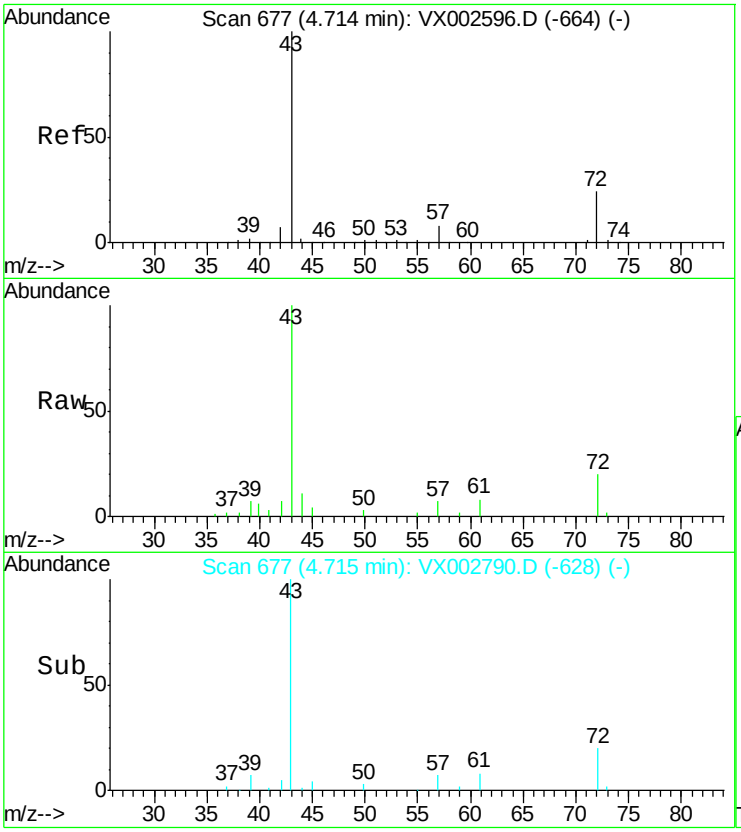


#20
Methylene Chloride
Concen: 1.50 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 84 Resp: 4886

Ion	Ratio	Lower	Upper
84	100		
49	136.8	107.8	161.6
51	39.2	32.8	49.2
86	67.9	52.5	78.7



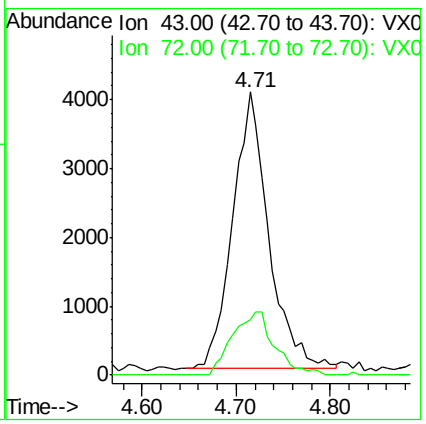


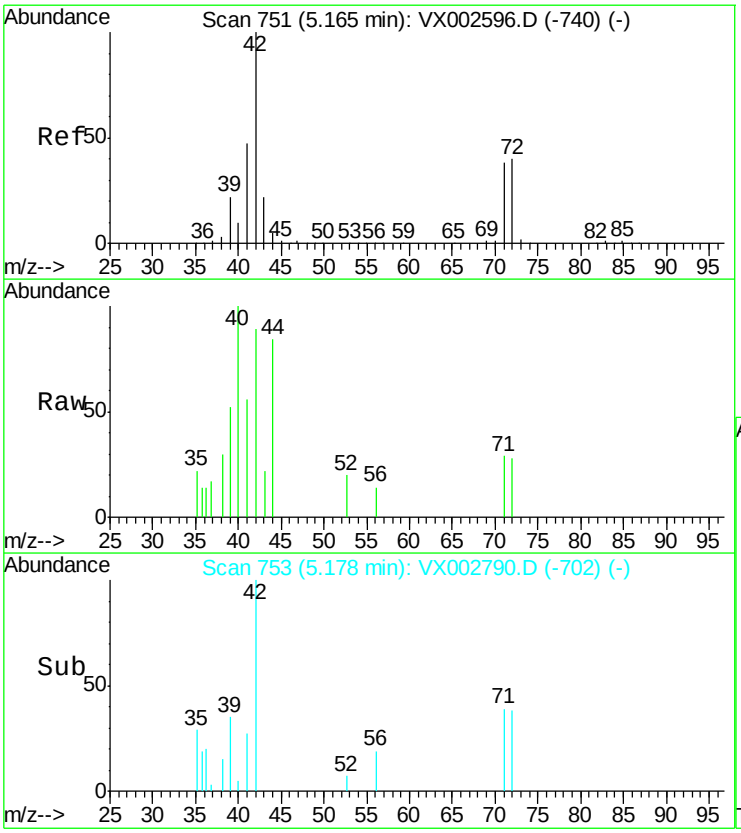
#25
2-Butanone
Concen: 5.13 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion: 43 Resp: 10694

Ion	Ratio	Lower	Upper
43	100		
72	20.1	18.5	27.7

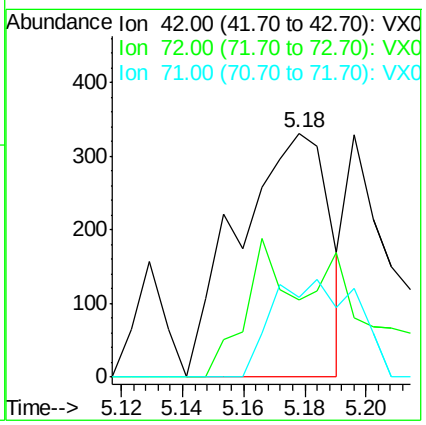


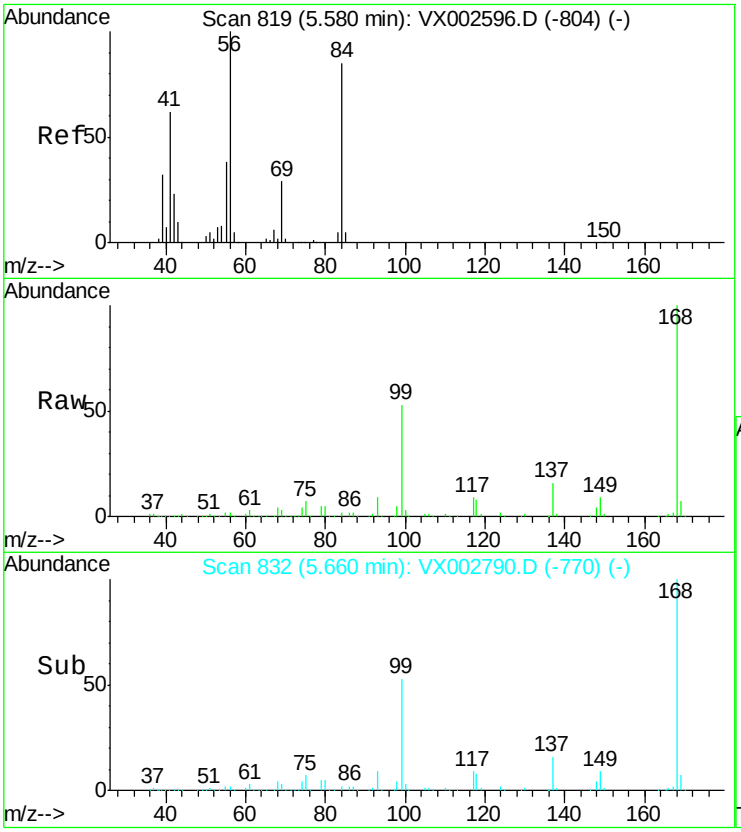


#29
Tetrahydrofuran
Concen: 0.50 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 42 Resp: 684

Ion	Ratio	Lower	Upper
42	100		
72	27.9	32.0	48.0#
71	37.6	30.1	45.1



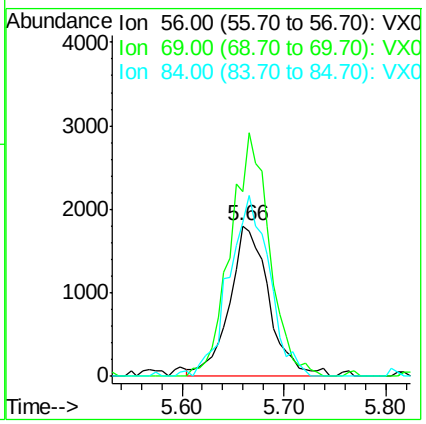


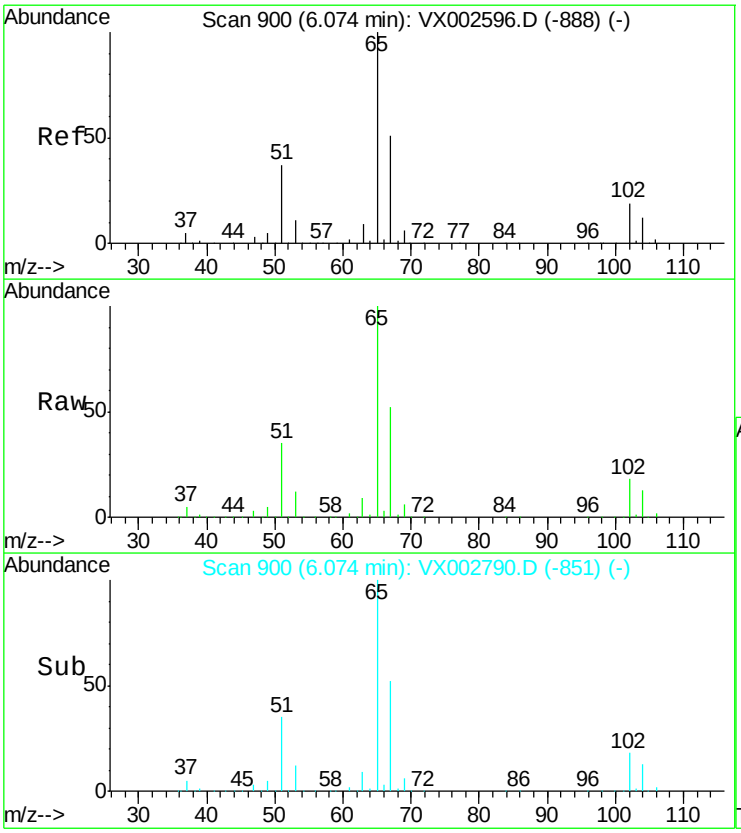
#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion: 56 Resp: 4850

Ion	Ratio	Lower	Upper
56	100		
69	122.1	23.7	35.5#
84	102.1	64.1	96.1#

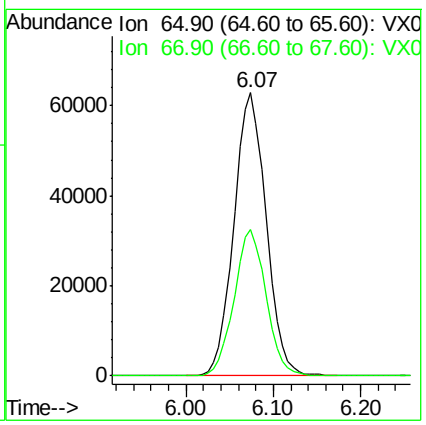


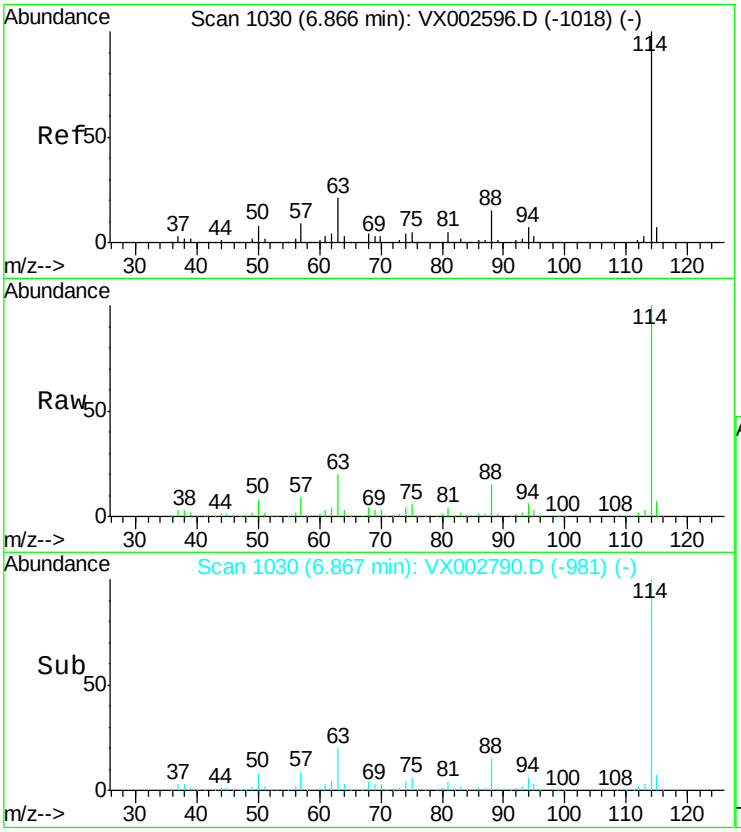


#33
1,2-Dichloroethane-d4
Concen: 44.78 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 65 Resp: 161212

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6



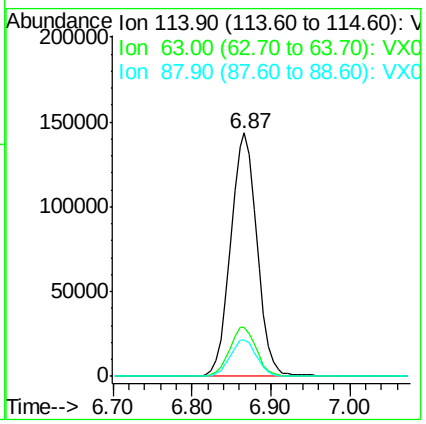


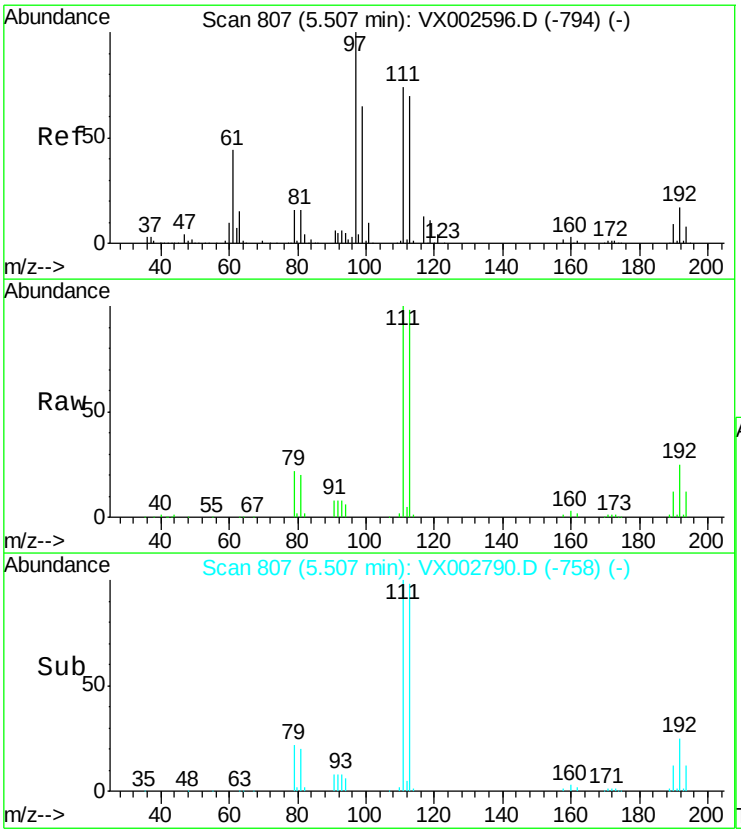
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:114 Resp: 333489

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	14.9	0.0	30.0

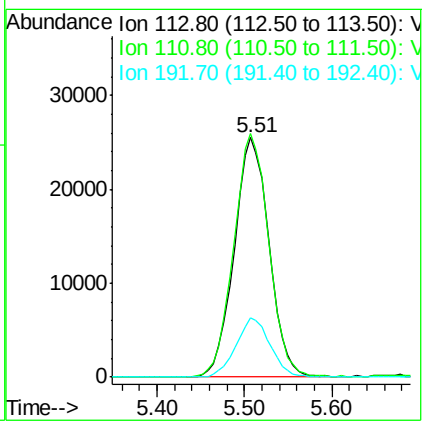


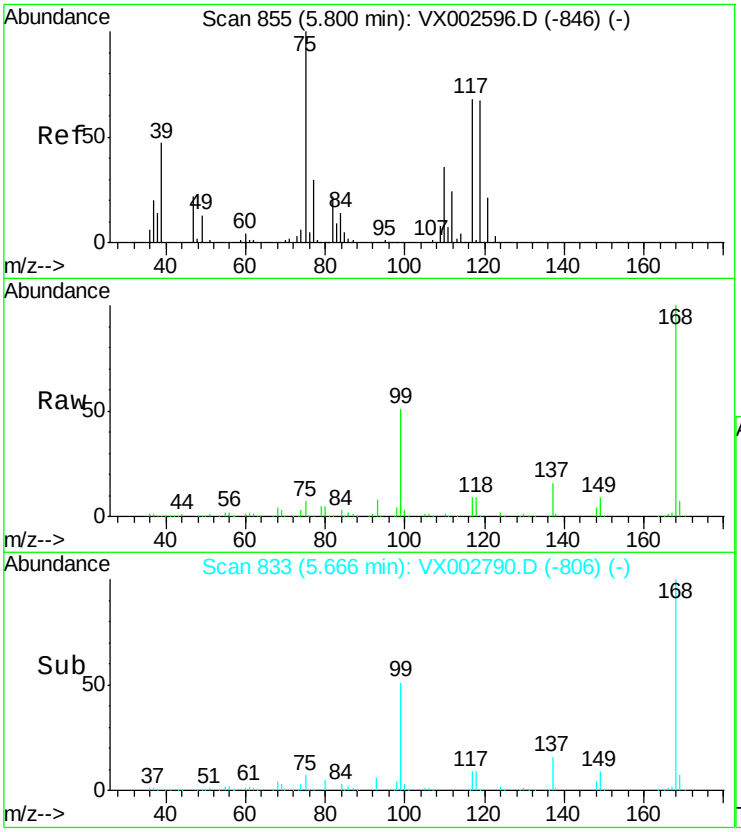


#35
Dibromofluoromethane
Concen: 26.55 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion:113 Resp: 70668

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	24.2	19.1	28.7



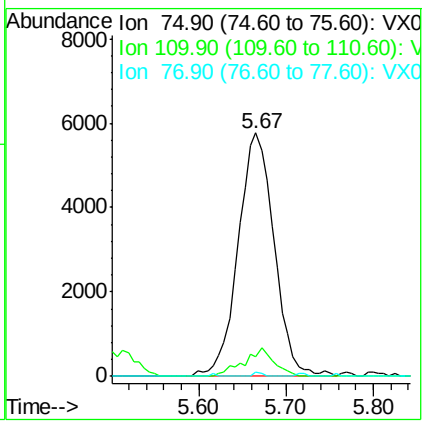


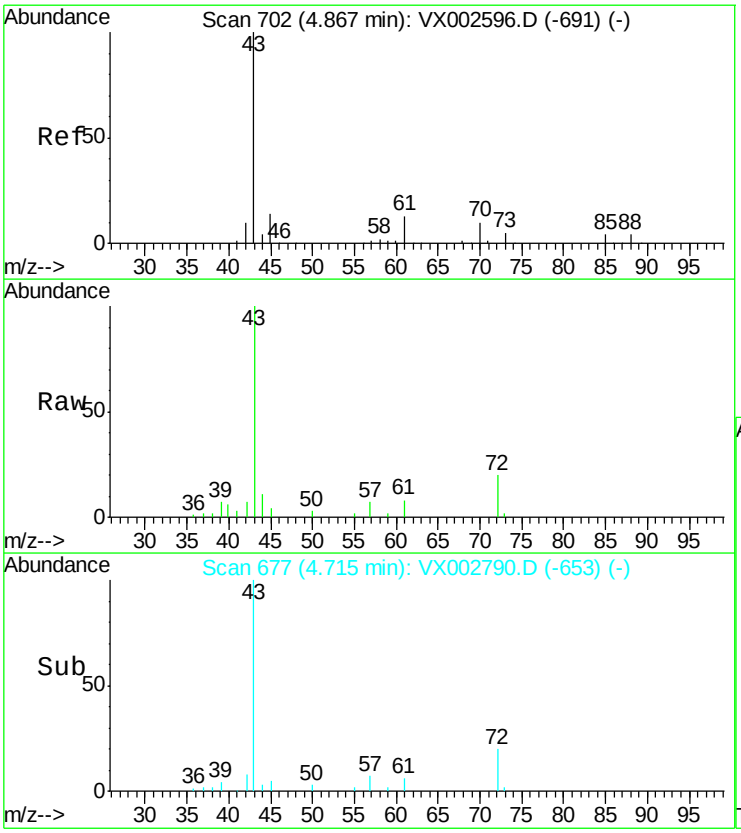
#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion: 75 Resp: 16538

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.4	24.3	36.5#

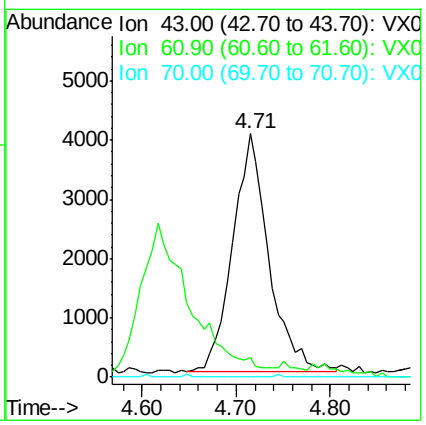


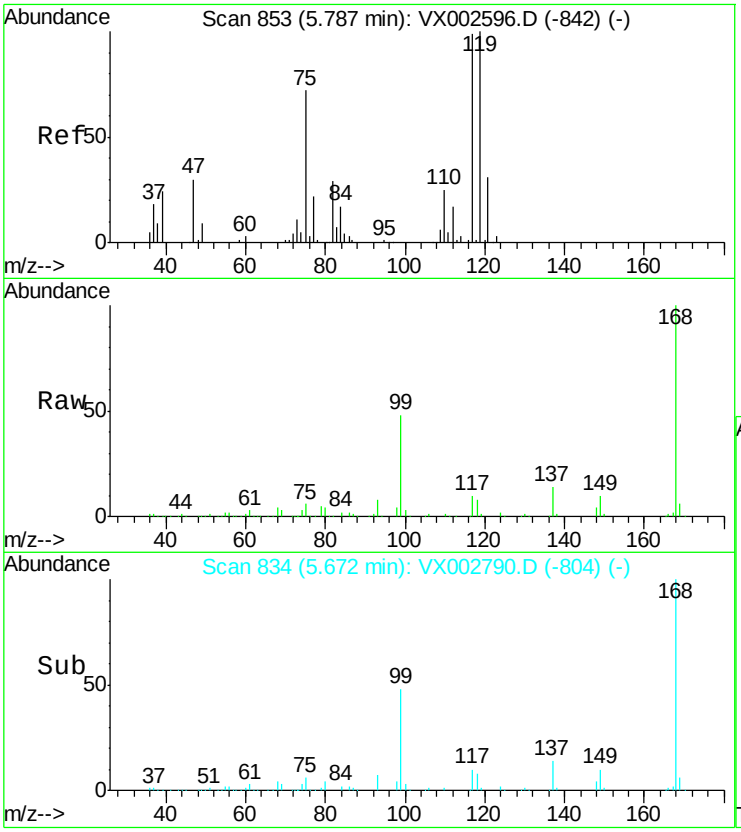


#37
Ethyl Acetate
Concen: 2.67 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 43 Resp: 10694

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	7.6	11.4#



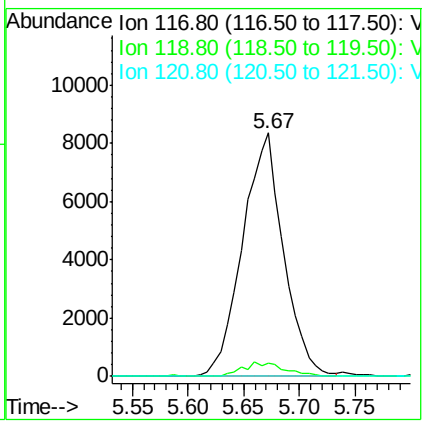


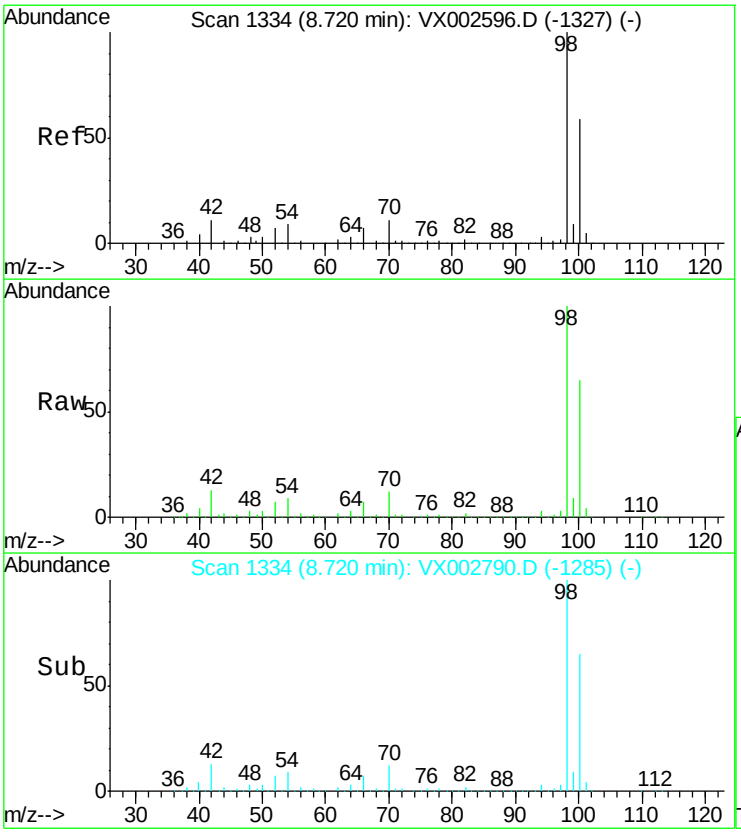
#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:117 Resp: 21397

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.4	116.0#
121	0.0	24.4	36.6#

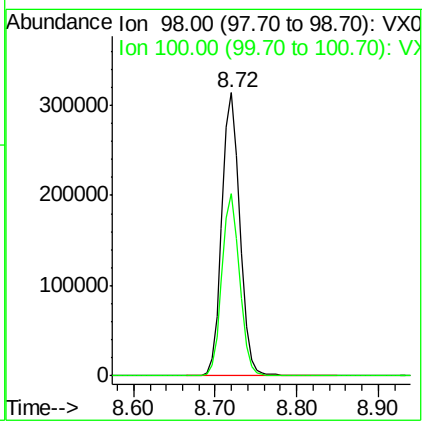


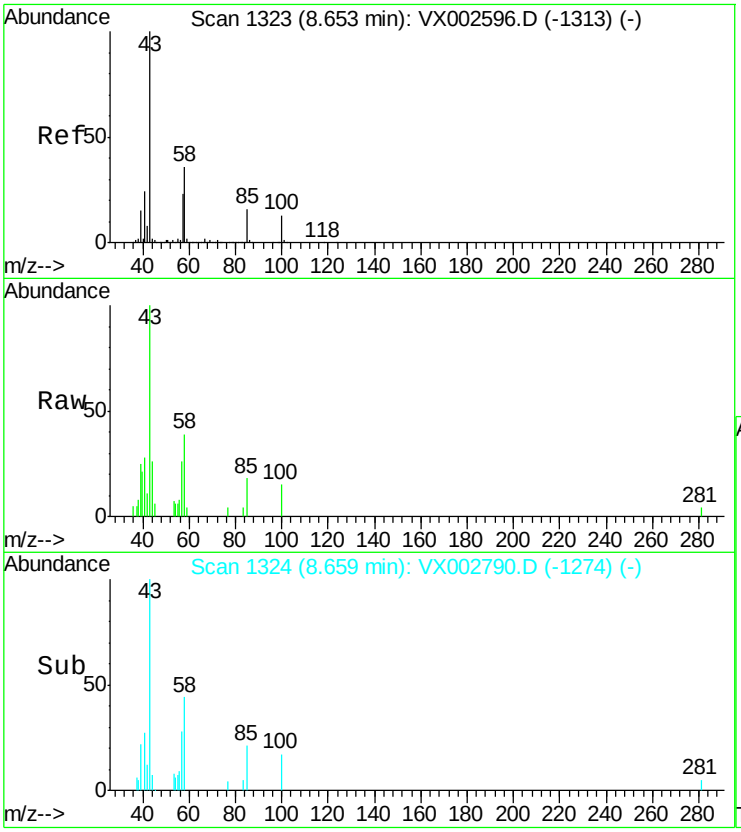


#50
Toluene-d8
Concen: 47.63 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 98 Resp: 481364

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3



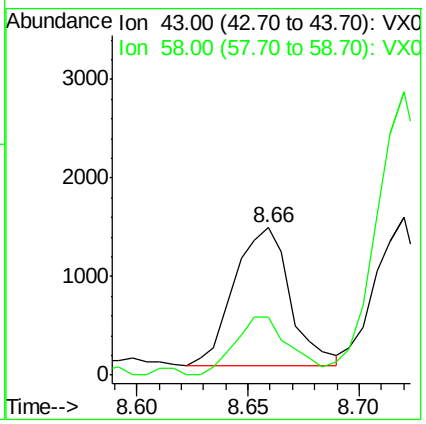


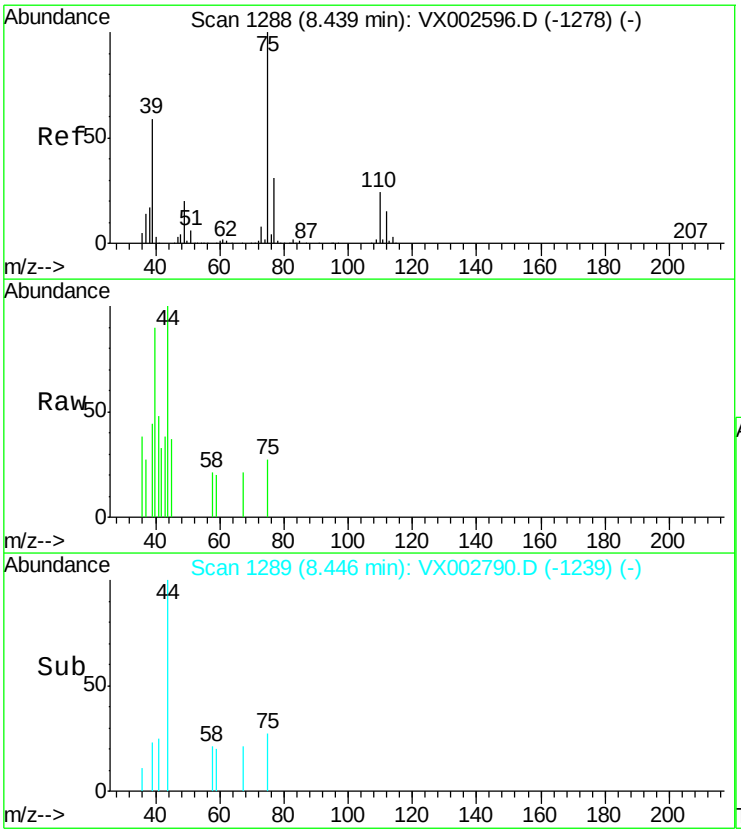
#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion: 43 Resp: 2484

Ion	Ratio	Lower	Upper
43	100		
58	40.9	28.6	42.8

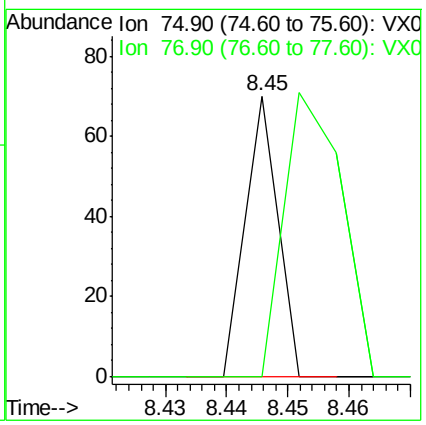


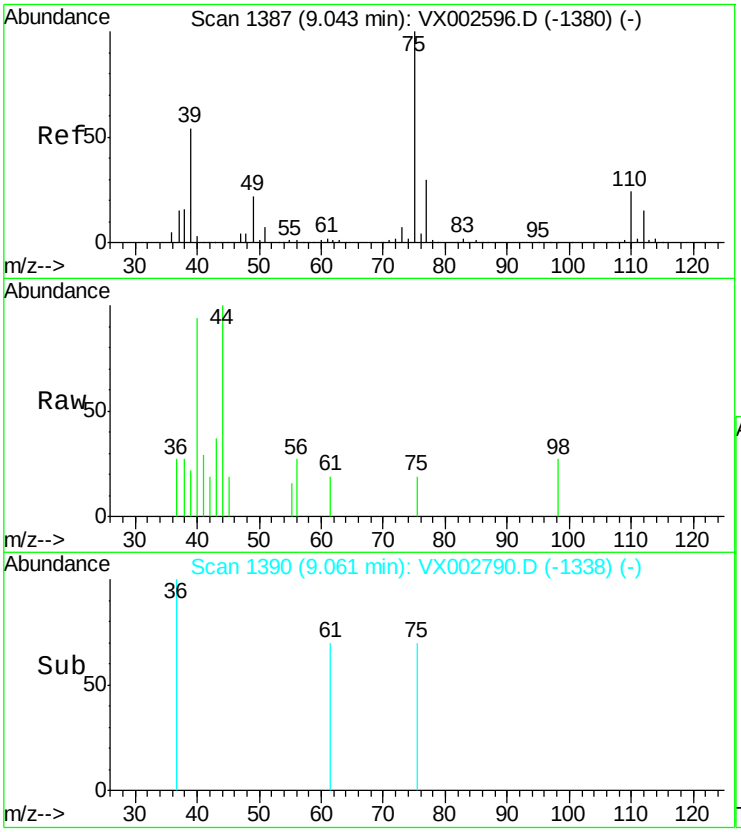


#53
t-1,3-Dichloropropene
Concen: 2.40 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 75 Resp: 26

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#



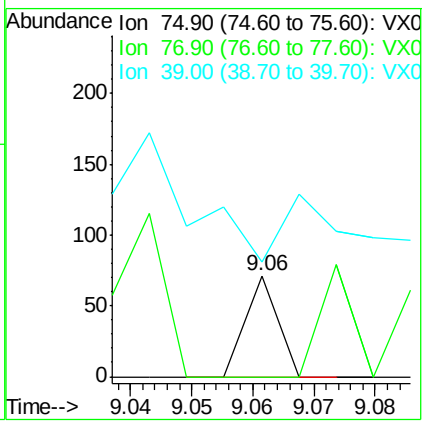


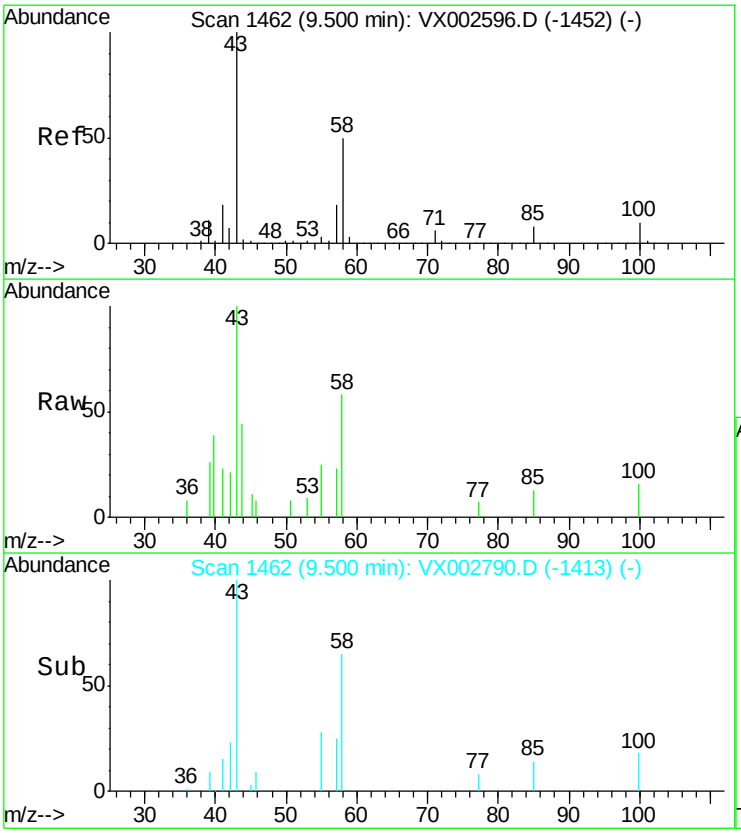
#54
cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 9.06 min Scan# 1390
Delta R.T. 0.02 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion: 75 Resp: 26

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	0.0	42.4	63.6#

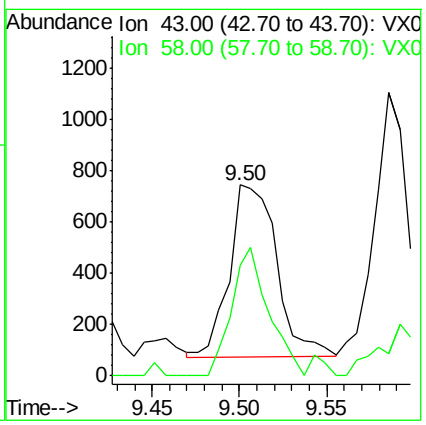


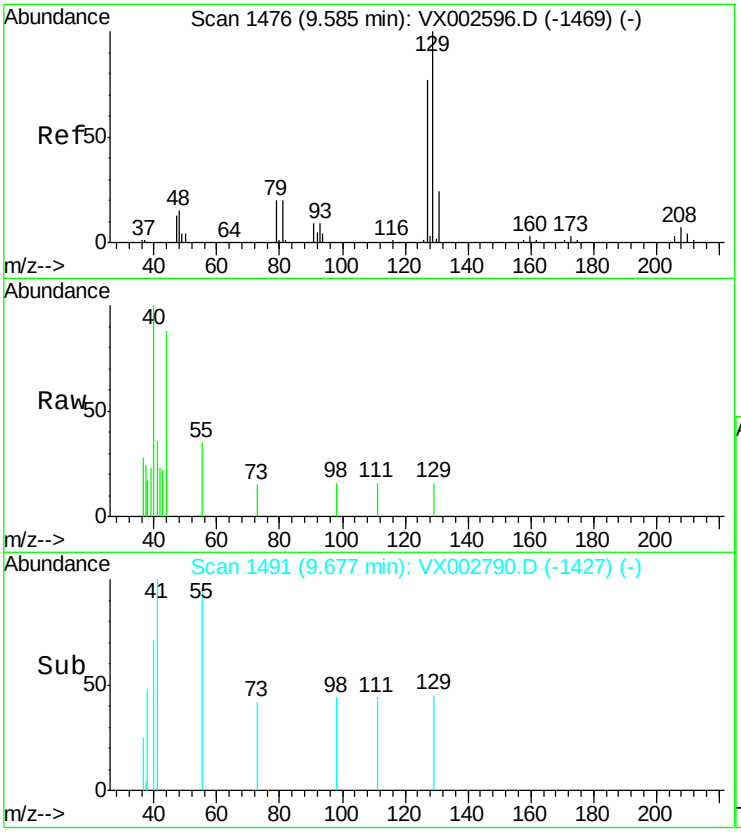


#59
2-Hexanone
Concen: 0.39 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 43 Resp: 1262

Ion	Ratio	Lower	Upper
43	100		
58	58.7	24.6	73.6



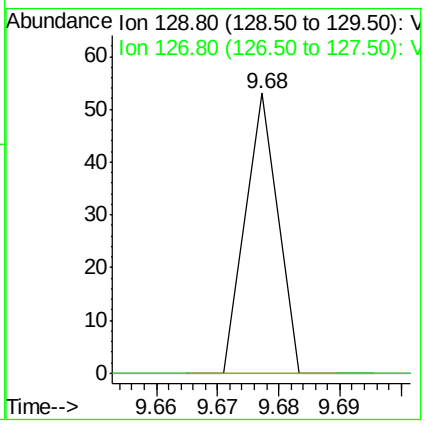


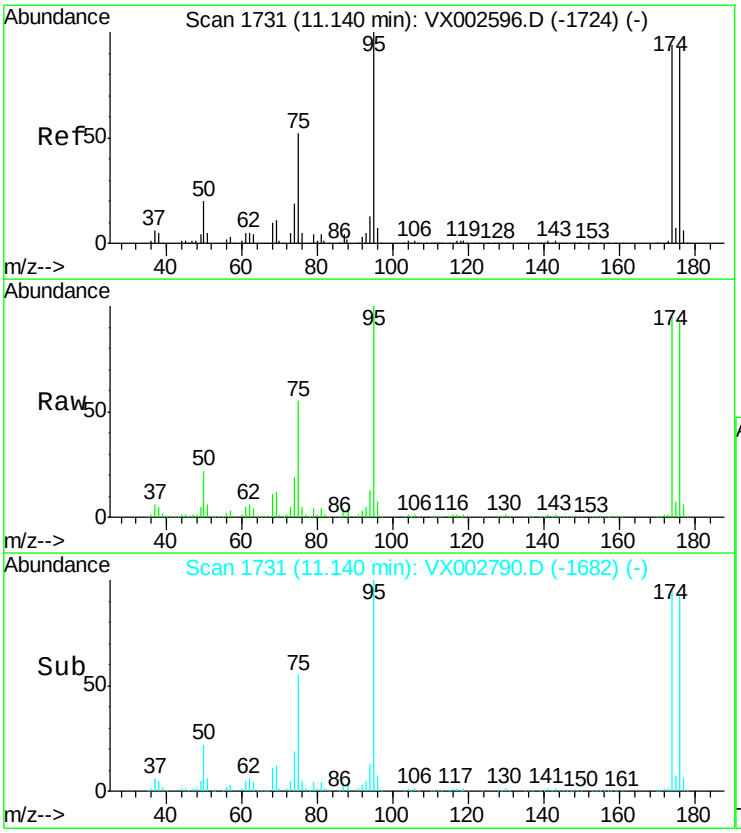
#60
Dibromochloromethane
Concen: 3.77 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. 0.09 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:129 Resp: 19

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#

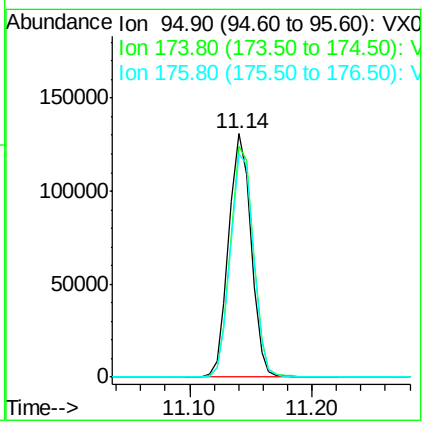


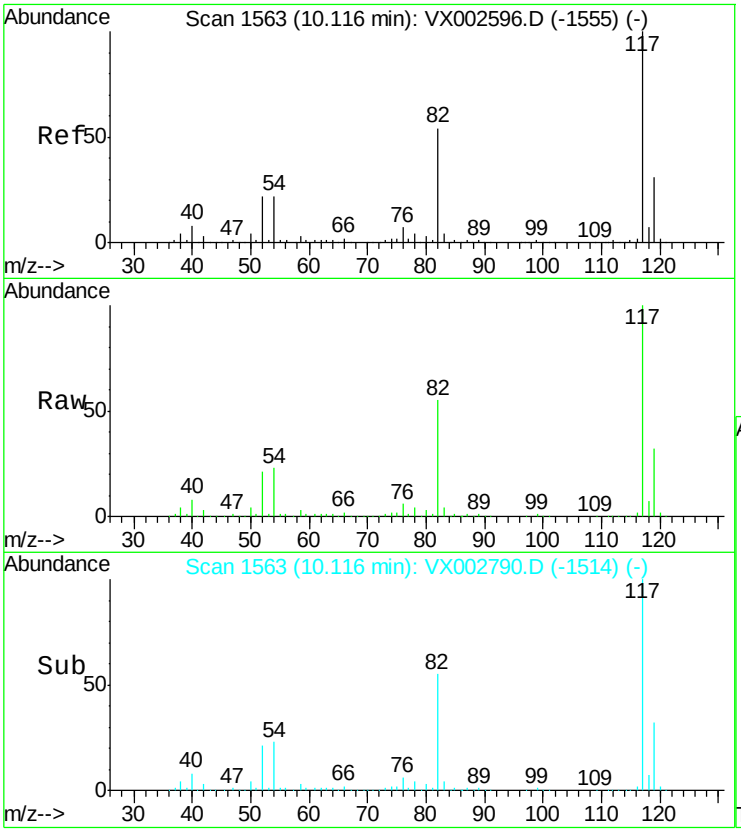


#62
4-Bromofluorobenzene
Concen: 43.19 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 95 Resp: 165406

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	187.4
176	94.6	0.0	181.0



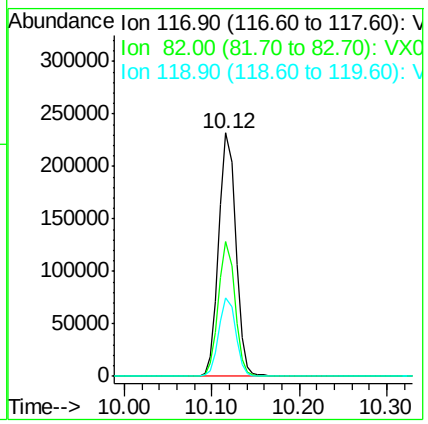


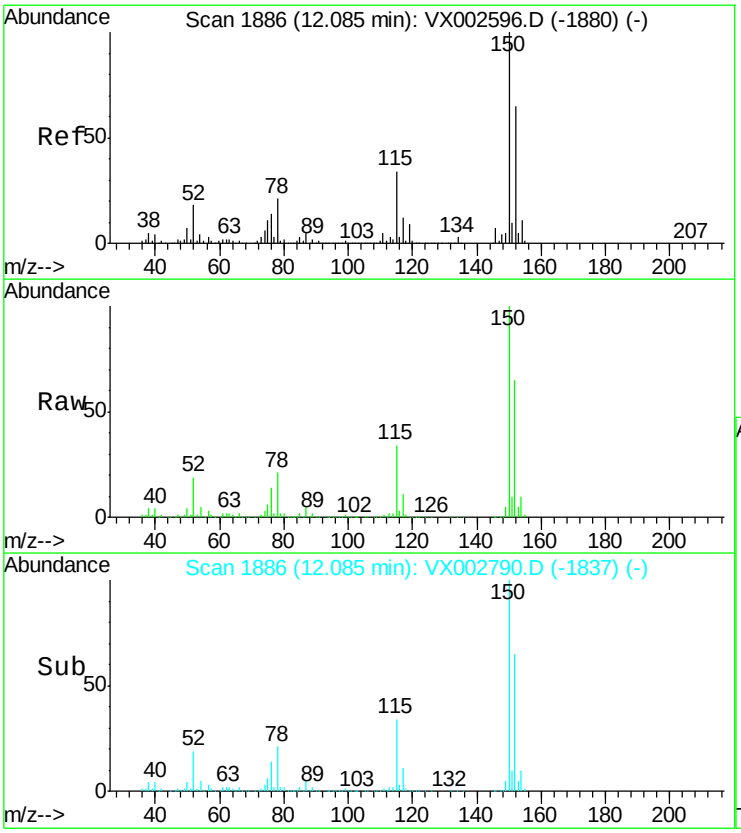
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:117 Resp: 313201

Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.4
119	32.3	25.8	38.6

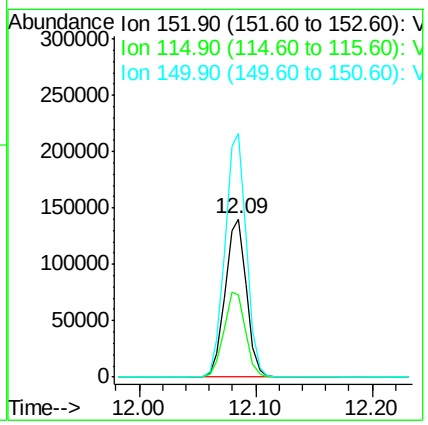


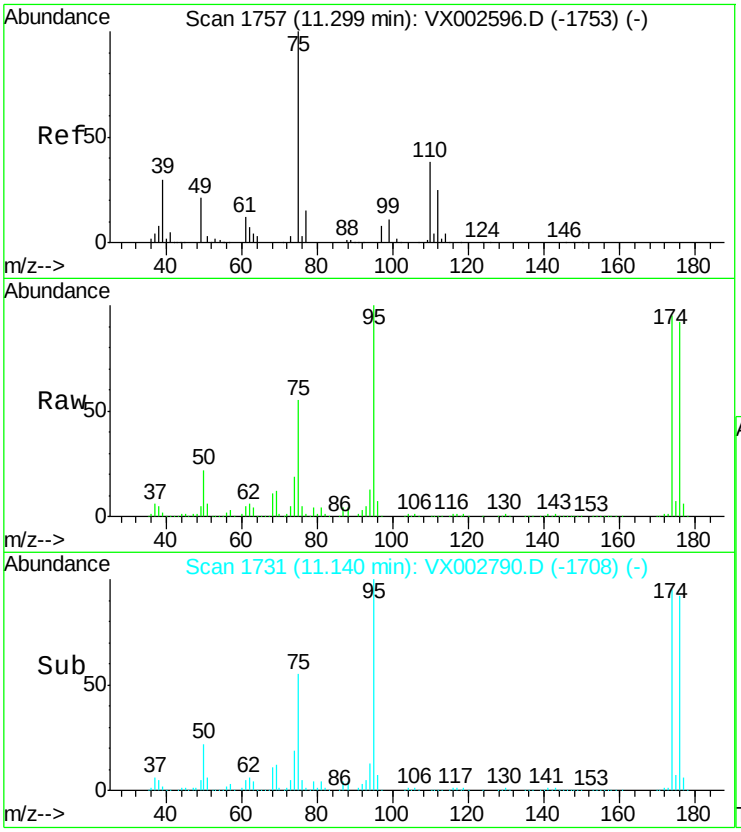


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion:152 Resp: 175992

Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.1	120.2
150	155.2	0.0	347.2



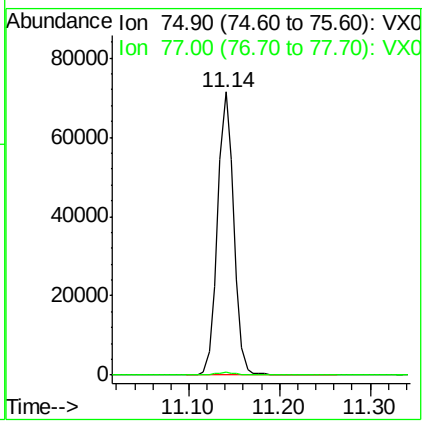


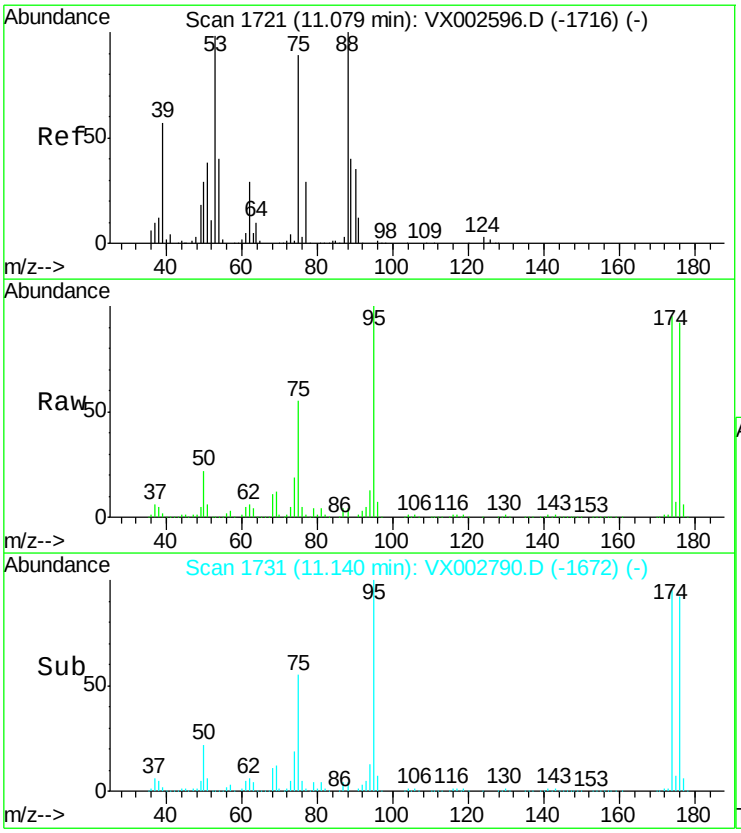
#76
1,2,3-Trichloropropane
Concen: 26.92 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion: 75 Resp: 89404

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

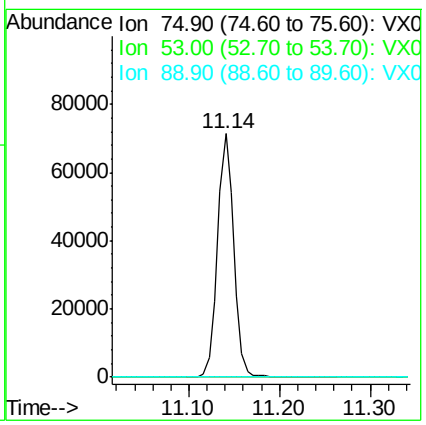


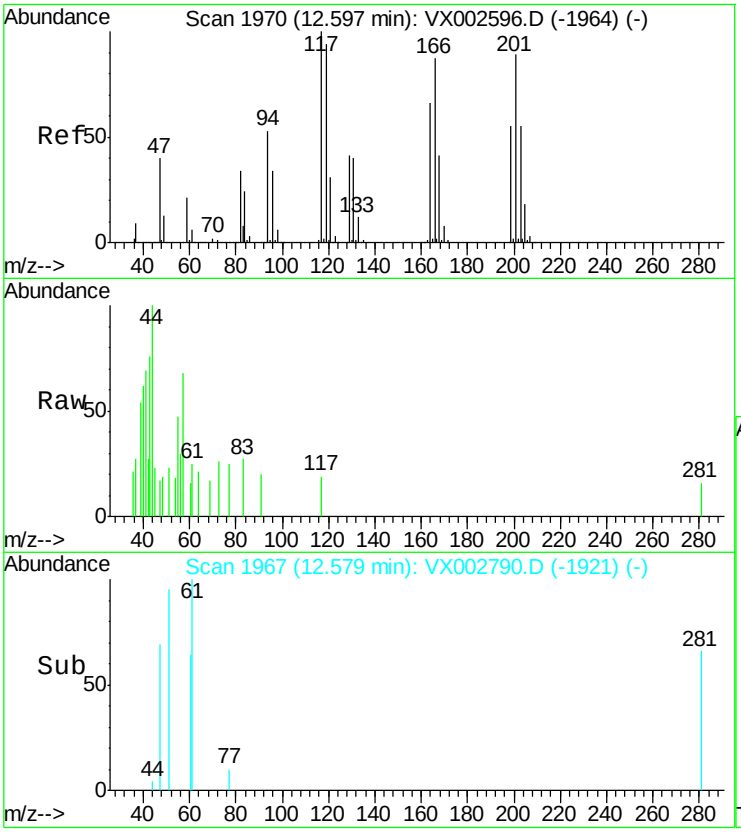


#81
trans-1,4-Dichloro-2-butene
Concen: 83.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 75 Resp: 89404

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#





#90
Hexachloroethane
Concen: 2.64 ug/l
RT: 12.58 min Scan# 1967
Delta R.T. -0.02 min
Lab File: VX002790.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:117 Resp: 22

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#