Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
Data File : VX002794.D
Acq On : 21 Jun 2018 17:49
Operator : JC/MD
Sample : J3603-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 26KV-TP-2

Quant Time: Jun 22 01:11:55 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	215788	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	302922	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	281932	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	158742	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	146713	44.74	ug/l		0.00
Spiked Amount 50.000			Recovery =	89.48%			
35) Dibromofluoromethane	5.51	113	116069	48.01	ug/l		0.00
Spiked Amount 50.000			Recovery =	96.02%			
50) Toluene-d8	8.72	98	428042	46.63	ug/l		0.00
Spiked Amount 50.000			Recovery =	93.26%			
62) 4-Bromofluorobenzene	11.14	95	148354	42.65	ug/l		0.00
Spiked Amount 50.000			Recovery =	85.30%			
Target Compounds							Qvalue
5) Bromomethane	1.65	94	894	0.52	ug/l	#	73
6) Chloroethane	1.71	64	979	0.53	ug/l		97
10) Methyl Iodide	2.52	142	1176	5.49	ug/l	#	98
11) Tert butyl alcohol	3.07	59	770	1.14	ug/l	#	93
13) Acrolein	2.29	56	519	8.45	ug/l	#	76
16) Acetone	2.45	43	20517	14.18	ug/l		95
17) Carbon Disulfide	2.57	76	1455	0.25	ug/l	#	74
18) Methyl Acetate	2.78	43	18482	4.80	ug/l		98
20) Methylene Chloride	2.86	84	8806	2.97	ug/l		96
25) 2-Butanone	4.72	43	5495	2.89	ug/l		98
29) Tetrahydrofuran	5.18	42	1069	0.86	ug/l	#	69
30) Chloroform	5.23	83	3550	0.78	ug/l		93
38) Carbon Tetrachloride	5.67	117	20091	6.27	ug/l	#	15
47) Bromodichloromethane	7.91	83	1290	0.43	ug/l	#	82
49) 1,4-Dioxane	7.75	88	22	0.38	ug/l	#	22
51) 4-Methyl-2-Pentanone	8.65	43	958	0.25	ug/l		94
53) t-1,3-Dichloropropene	8.40	75	22	2.40	ug/l	#	43
54) cis-1,3-Dichloropropene	9.04	75	22	3.22	ug/l	#	1
60) Dibromochloromethane	9.59	129	453	3.91	ug/l		84
76) 1,2,3-Trichloropropane	11.14	75	79760	26.63	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	79760	82.26	ug/l	#	7
90) Hexachloroethane	12.67	117	95	2.68	ug/l	#	1
95) Naphthalene	13.84	128	27993	2.63	ug/l		99

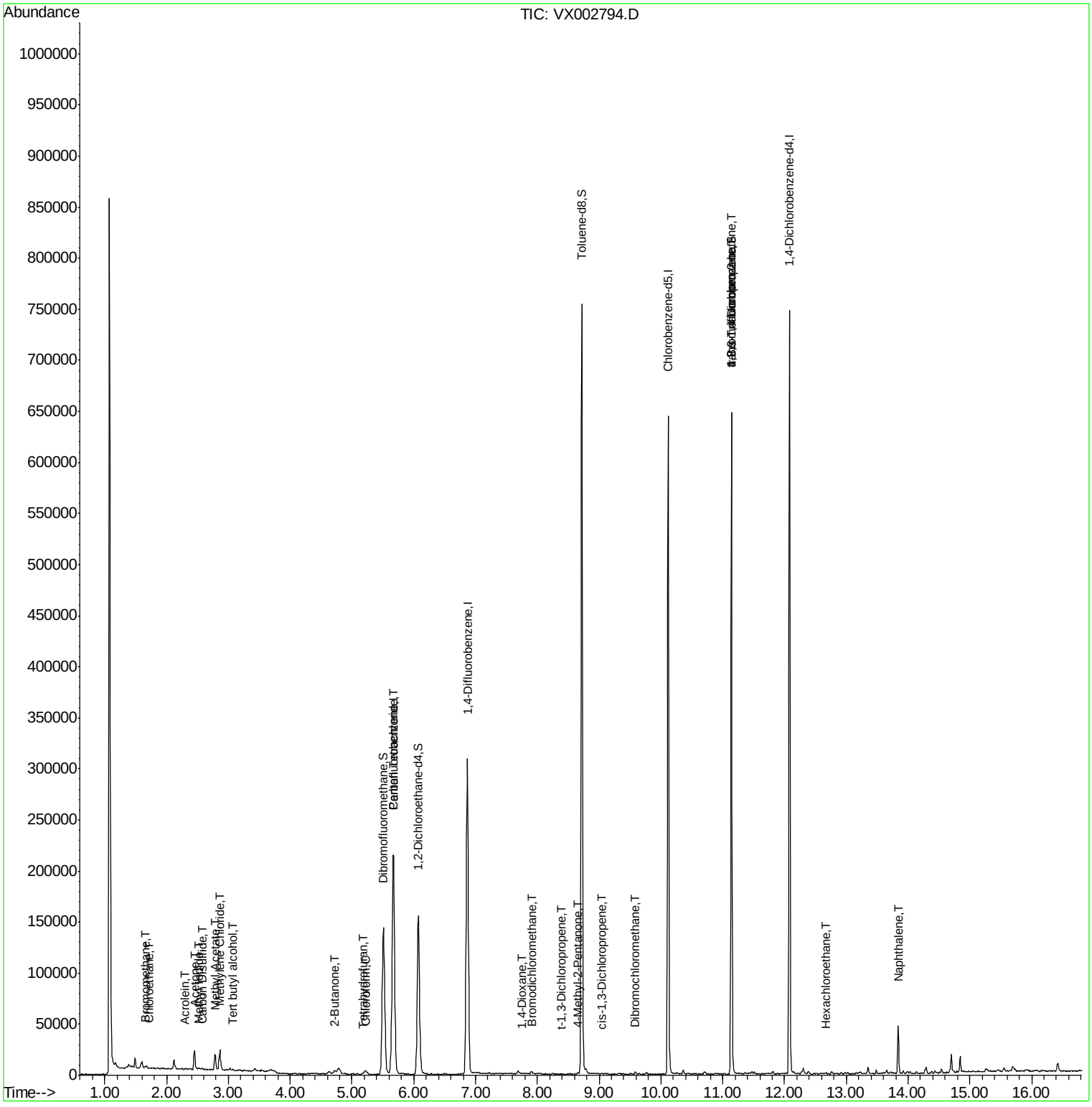
(#) = qualifier out of range (m) = manual integration (+) = signals summed

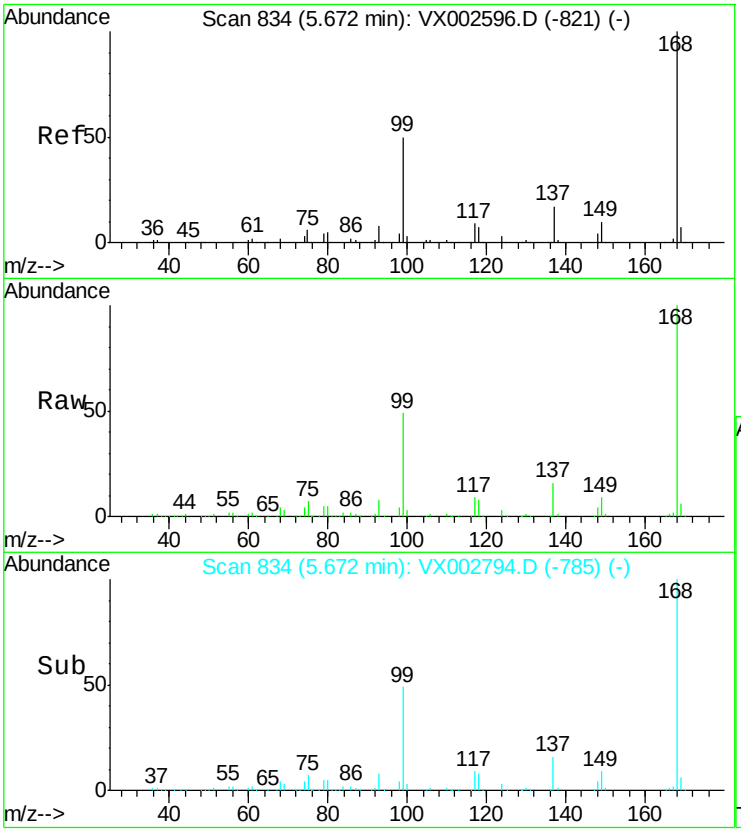
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
Data File : VX002794.D
Acq On : 21 Jun 2018 17:49
Operator : JC/MD
Sample : J3603-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-2

Quant Time: Jun 22 01:11:55 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



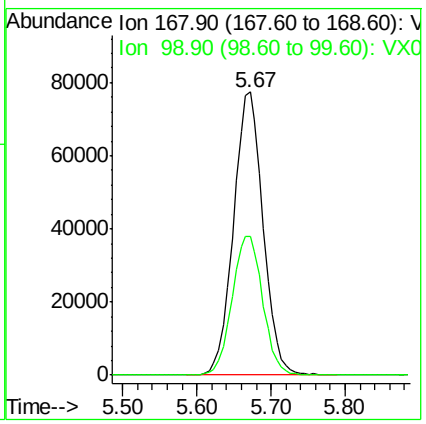


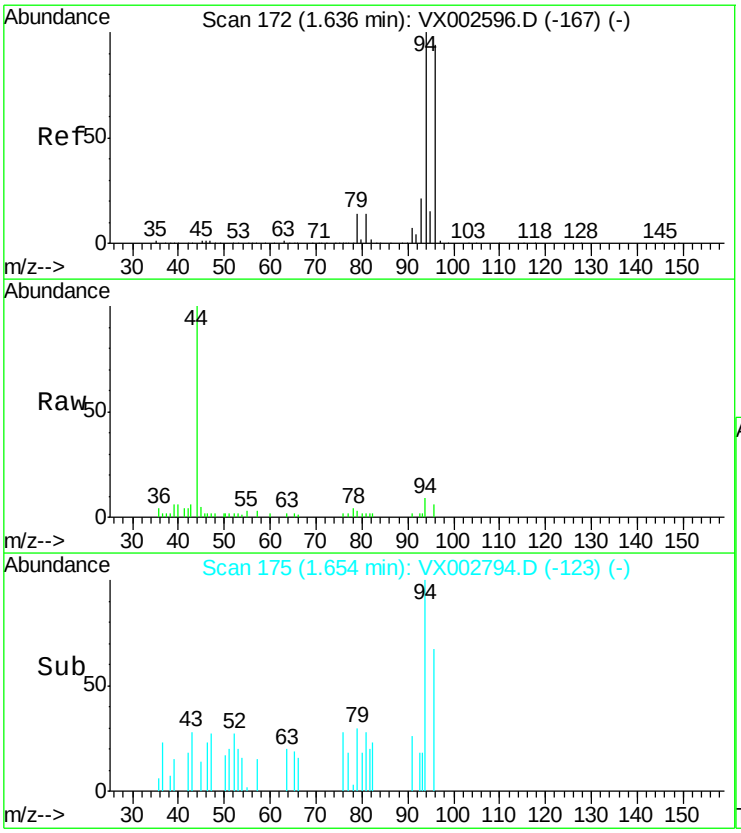
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-2

Tgt Ion:168 Resp: 215788

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.3	58.9

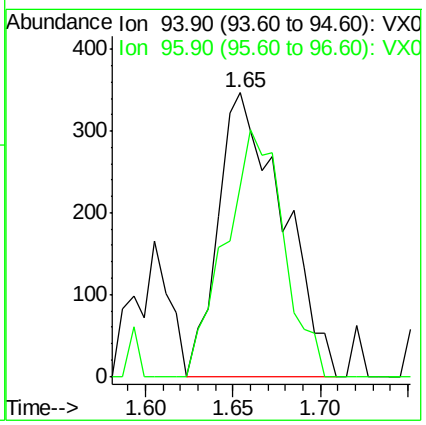


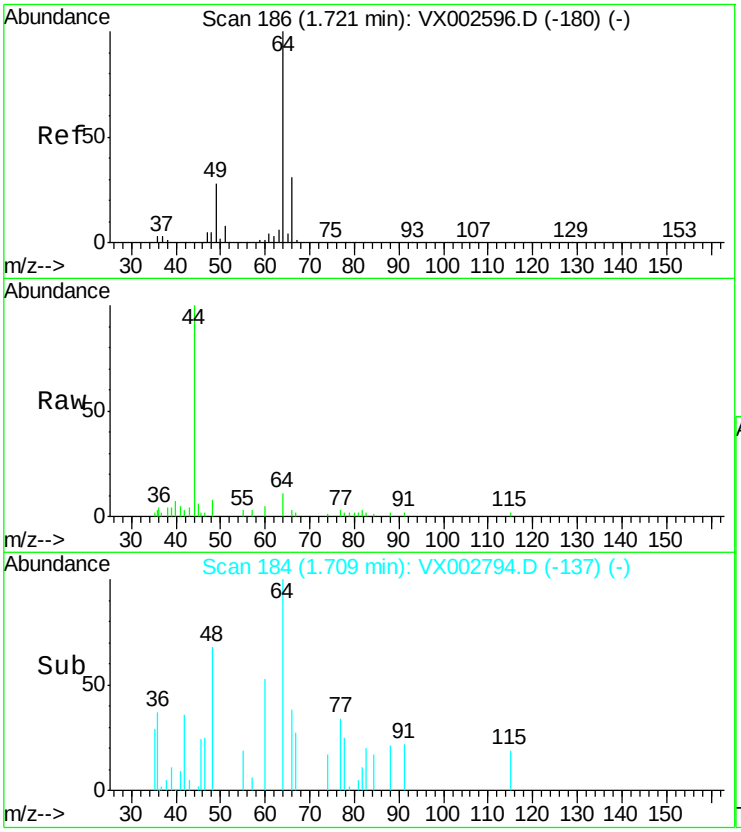


#5
Bromomethane
Concen: 0.52 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion: 94 Resp: 894

Ion	Ratio	Lower	Upper
94	100		
96	67.1	74.9	112.3#



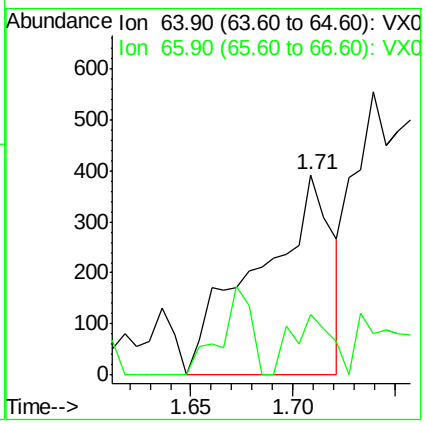


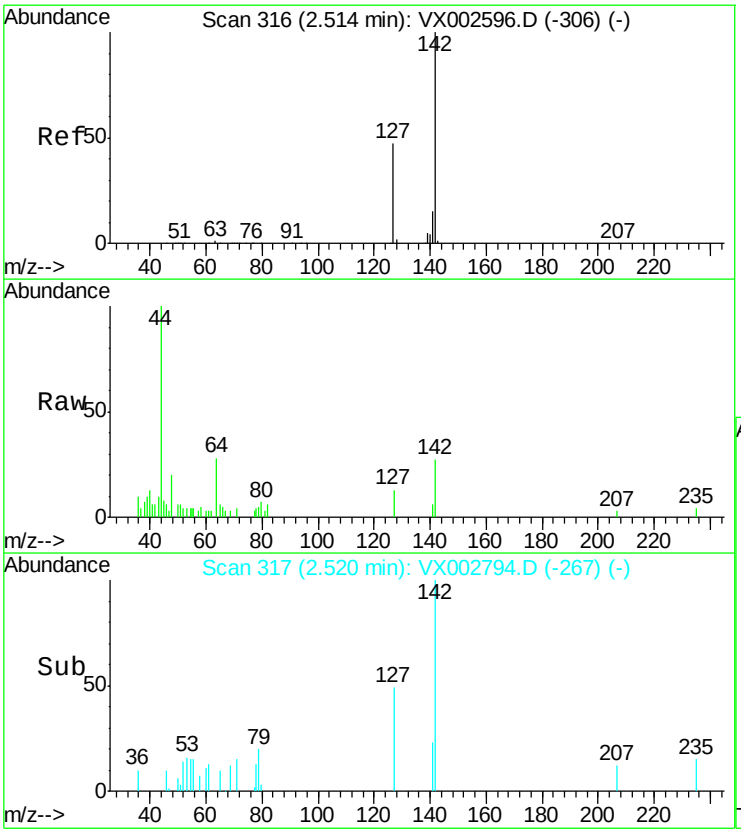
#6
Chloroethane
Concen: 0.53 ug/l
RT: 1.71 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-2

Tgt Ion: 64 Resp: 979

Ion	Ratio	Lower	Upper
64	100		
66	30.4	25.5	38.3

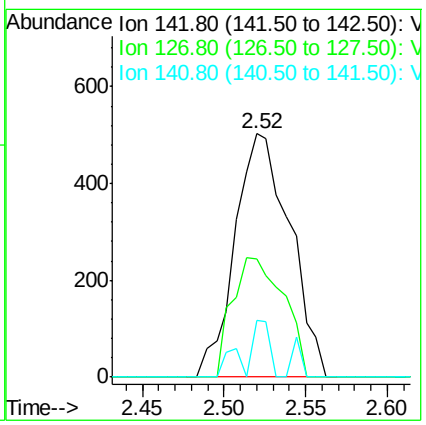


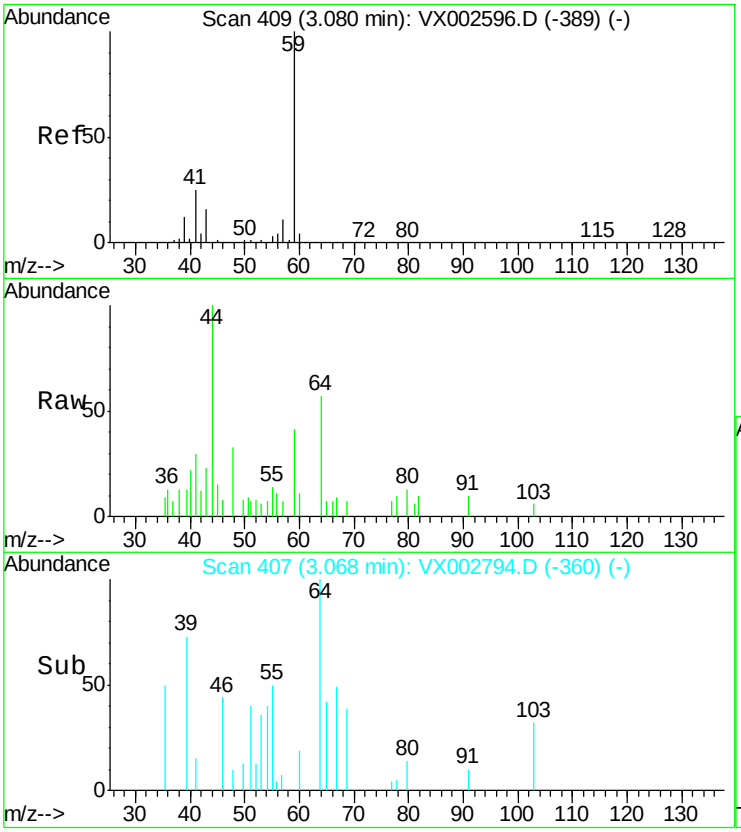


#10
Methyl Iodide
Concen: 5.49 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion:142 Resp: 1176

Ion	Ratio	Lower	Upper
142	100		
127	45.9	36.6	55.0
141	10.6	11.3	16.9#



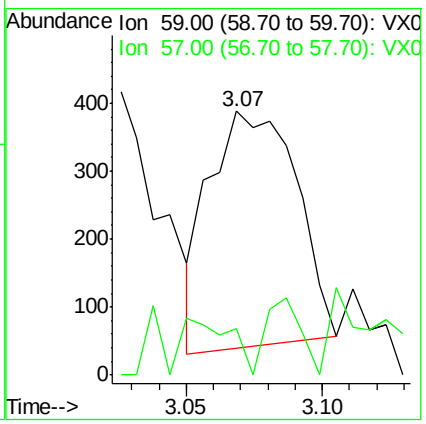


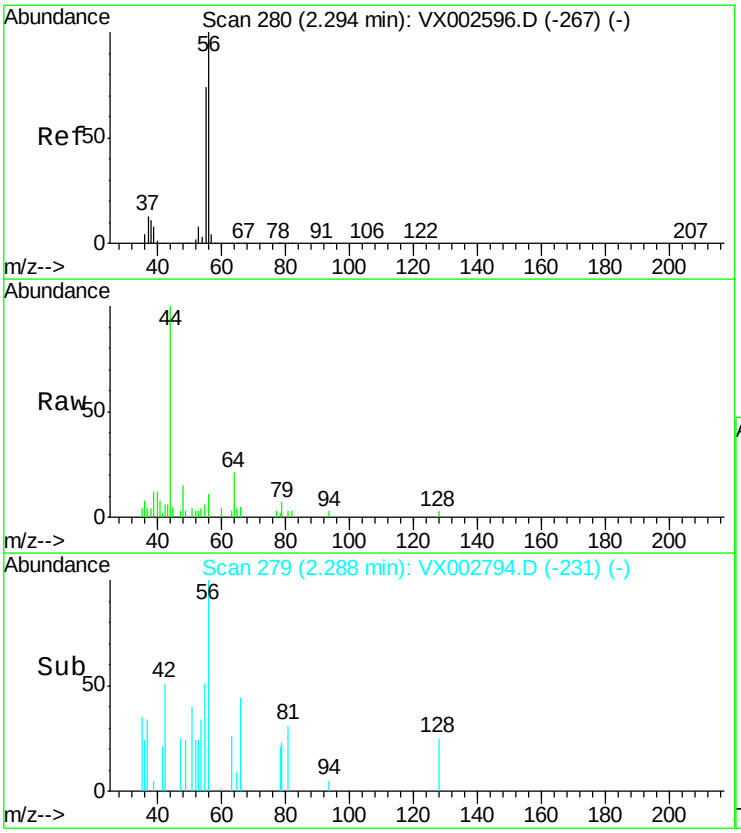
#11
Tert butyl alcohol
Concen: 1.14 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument : MSVOA_X
ClientSampleId : 26KV-TP-2

Tgt Ion: 59 Resp: 770

Ion	Ratio	Lower	Upper
59	100		
57	12.7	8.2	12.2#

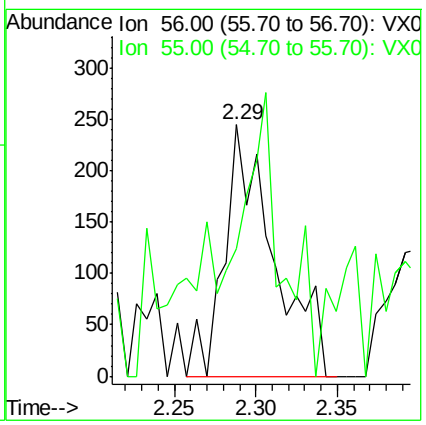


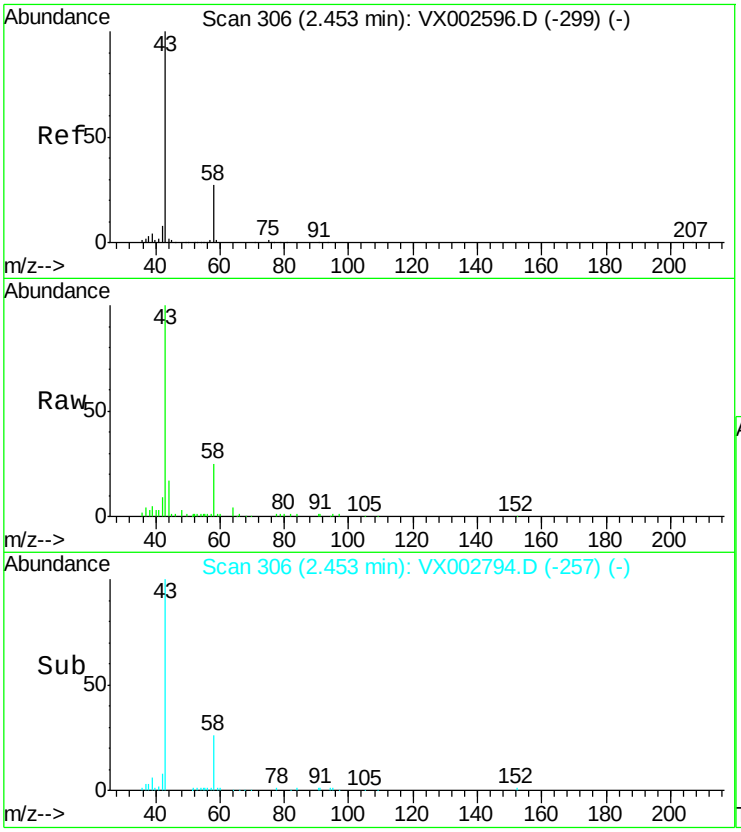


#13
Acrolein
Concen: 8.45 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion: 56 Resp: 519

Ion	Ratio	Lower	Upper
56	100		
55	91.1	57.0	85.4#



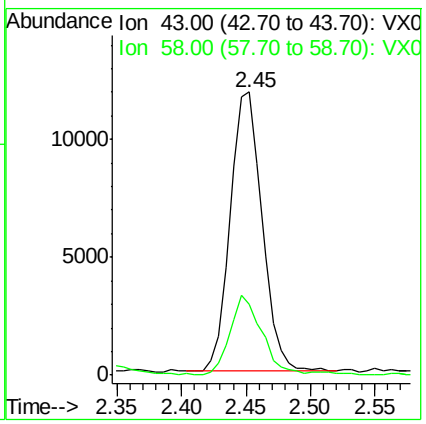


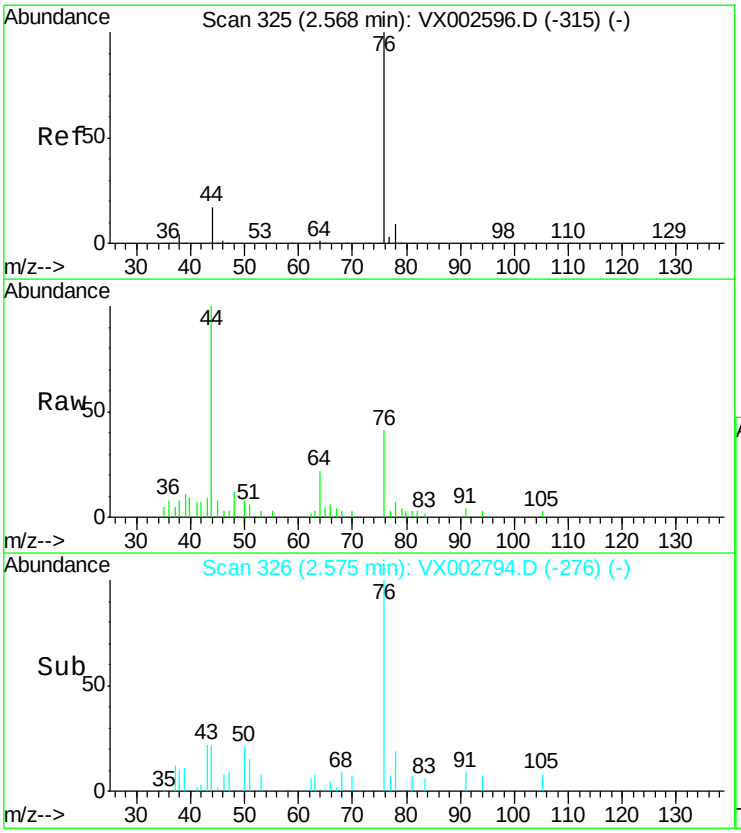
#16
Acetone
Concen: 14.18 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument : MSVOA_X
ClientSampleId : 26KV-TP-2

Tgt Ion: 43 Resp: 20517

Ion	Ratio	Lower	Upper
43	100		
58	25.0	22.1	33.1

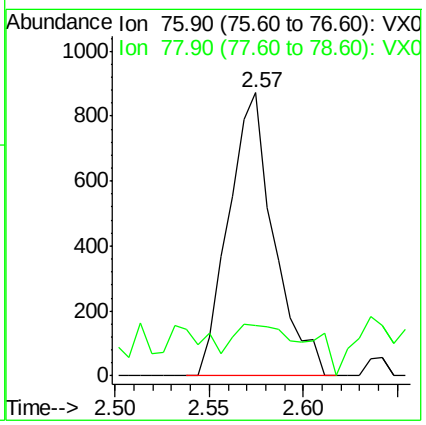


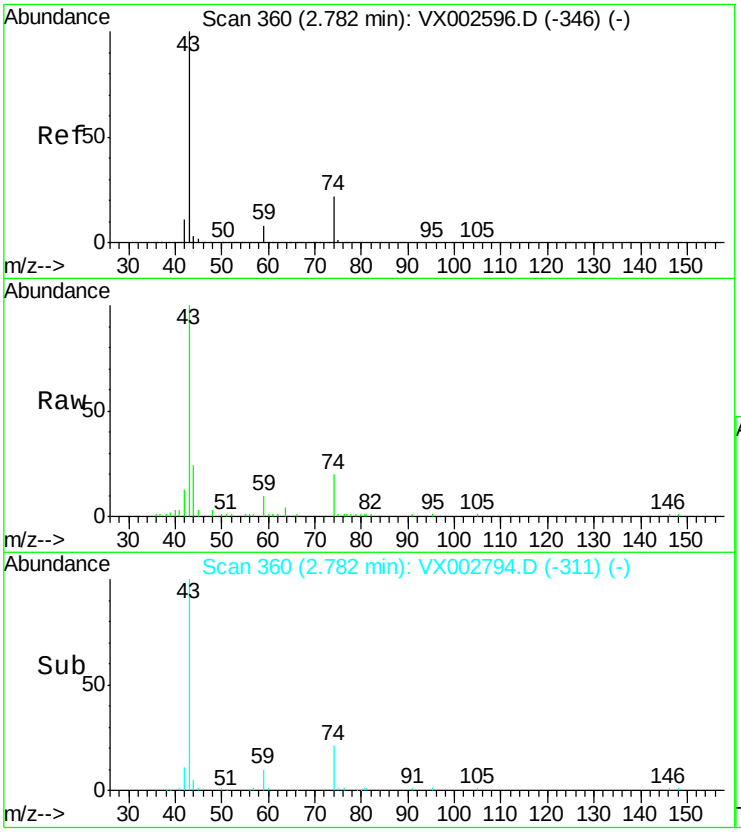


#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion: 76 Resp: 1455

Ion	Ratio	Lower	Upper
76	100		
78	17.8	6.9	10.3#



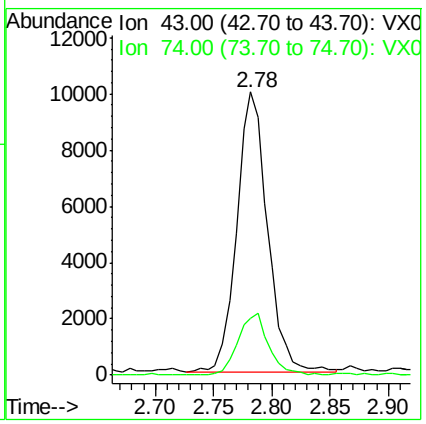


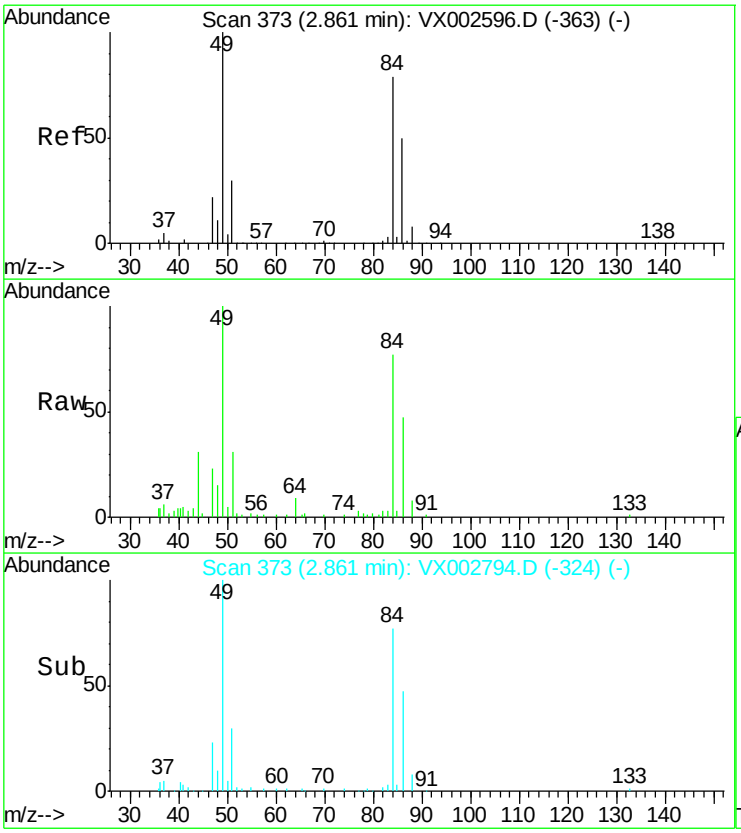
#18
Methyl Acetate
Concen: 4.80 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument : MSVOA_X
ClientSampleId : 26KV-TP-2

Tgt Ion: 43 Resp: 18482

Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.7	25.1

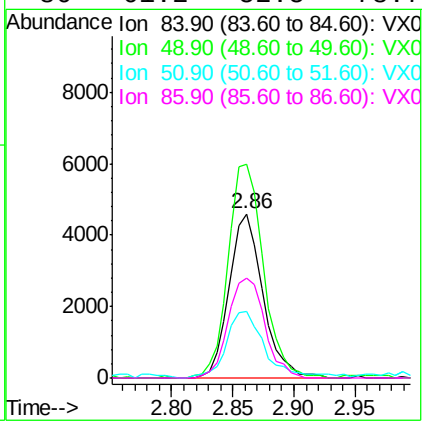


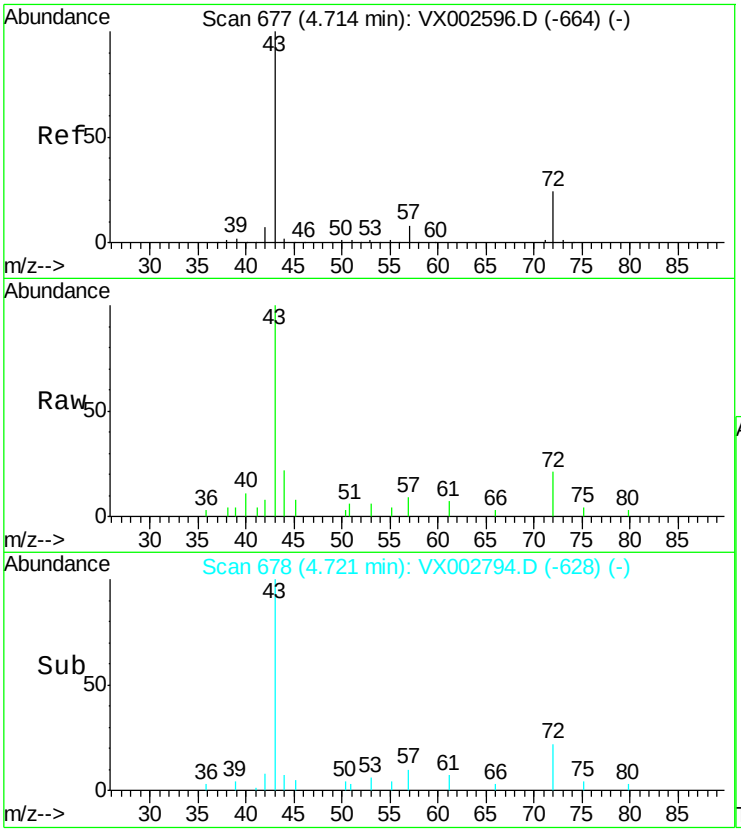


#20
Methylene Chloride
Concen: 2.97 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion: 84 Resp: 8806

Ion	Ratio	Lower	Upper
84	100		
49	130.3	107.8	161.6
51	40.6	32.8	49.2
86	61.2	52.5	78.7



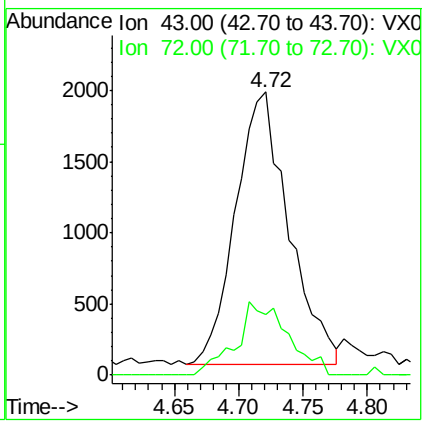


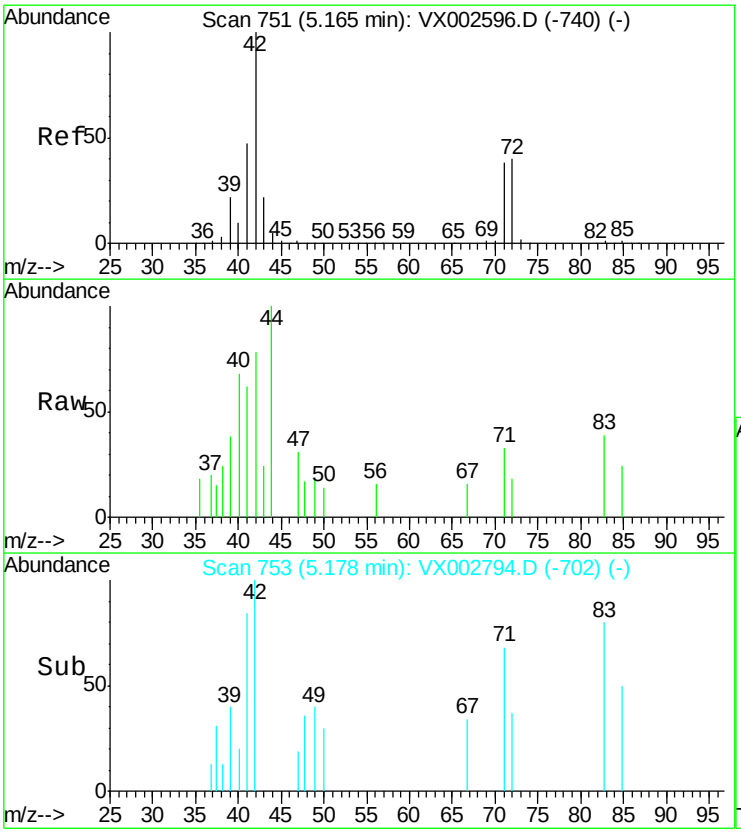
#25
2-Butanone
Concen: 2.89 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-2

Tgt Ion: 43 Resp: 5495

Ion	Ratio	Lower	Upper
43	100		
72	22.0	18.5	27.7

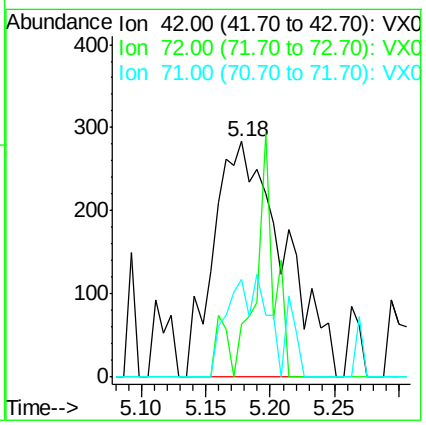


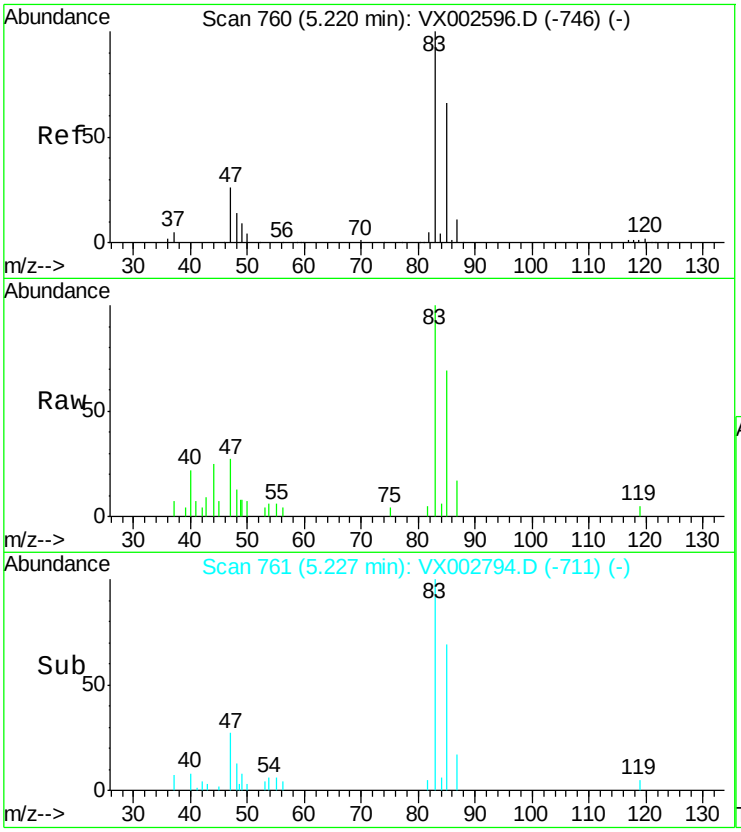


#29
Tetrahydrofuran
Concen: 0.86 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion: 42 Resp: 1069

Ion	Ratio	Lower	Upper
42	100		
72	25.0	32.0	48.0#
71	14.7	30.1	45.1#



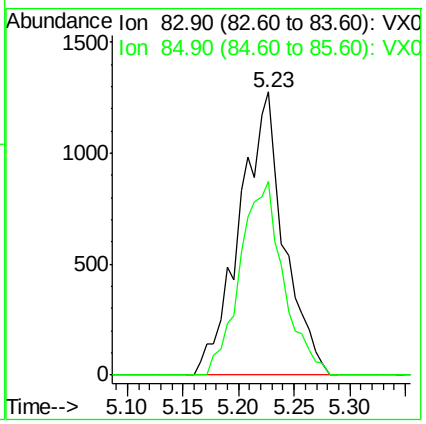


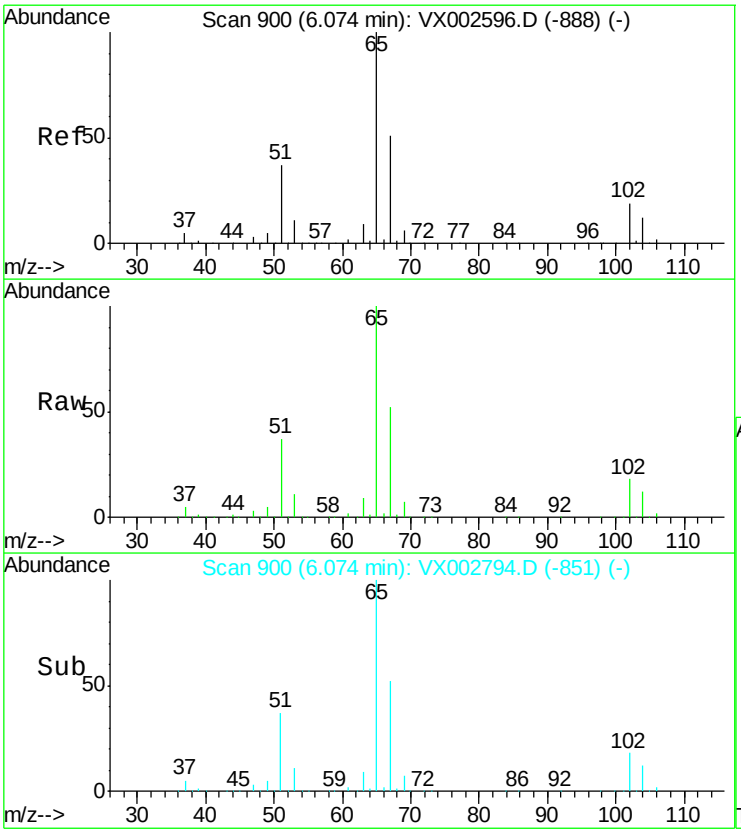
#30
Chloroform
Concen: 0.78 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-2

Tgt Ion: 83 Resp: 3550

Ion	Ratio	Lower	Upper
83	100		
85	68.7	50.4	75.6

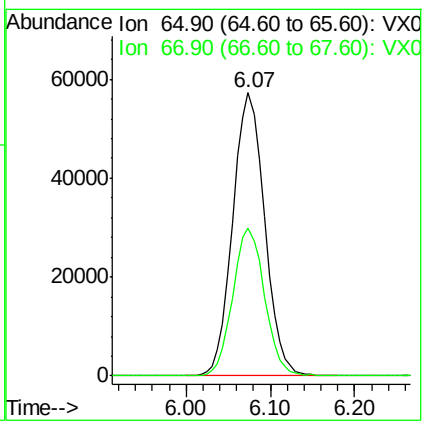


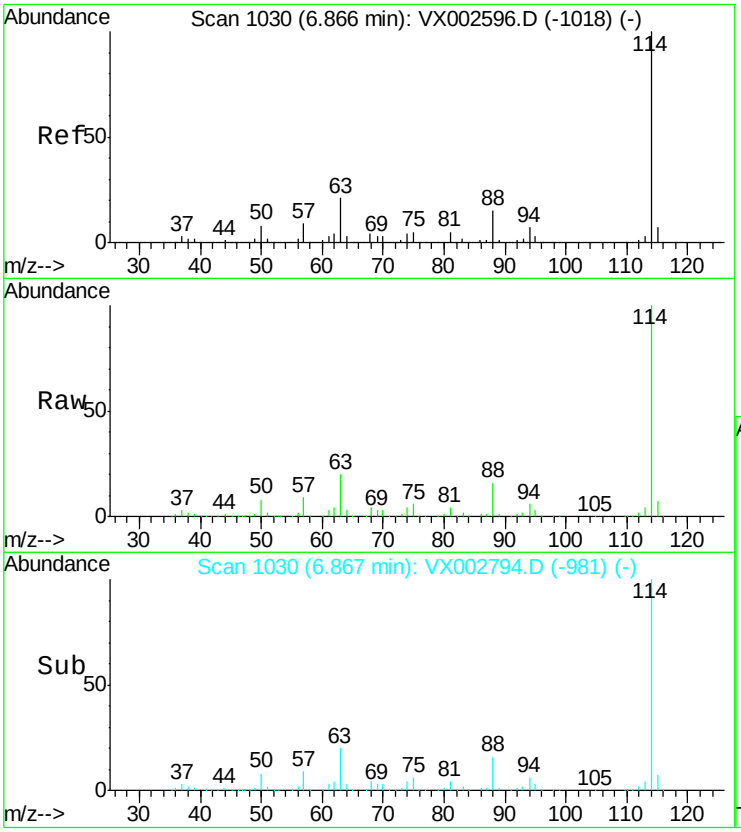


#33
1,2-Dichloroethane-d4
Concen: 44.74 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion: 65 Resp: 146713

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.6



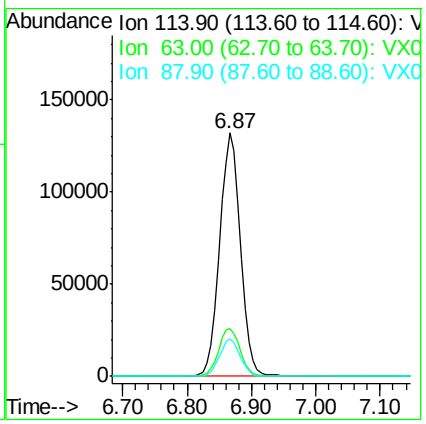


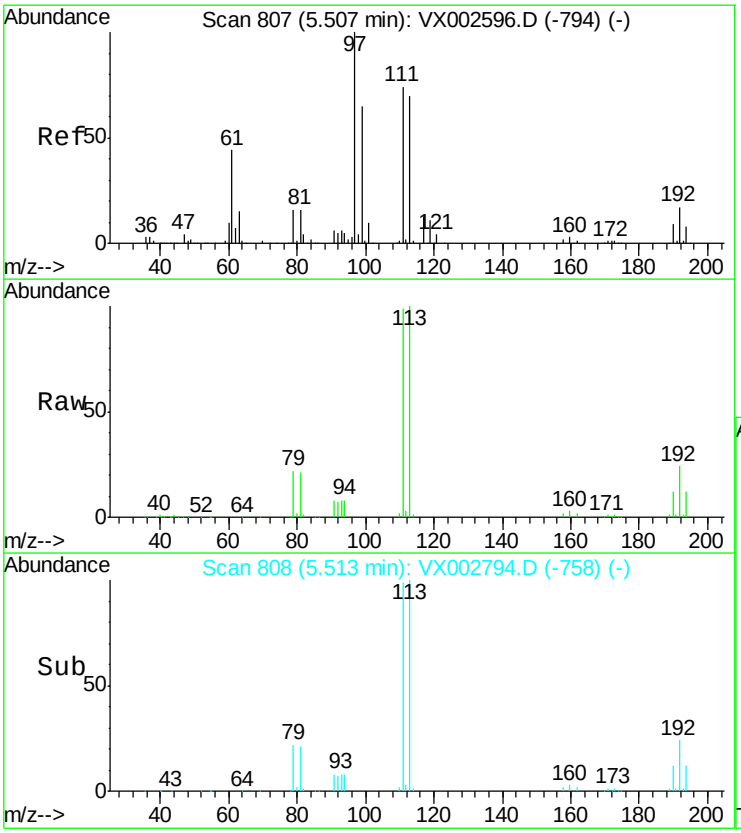
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-2

Tgt Ion:114 Resp: 302922

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.4
88	15.5	0.0	30.0

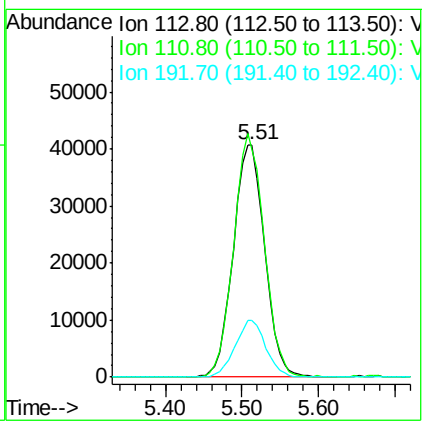


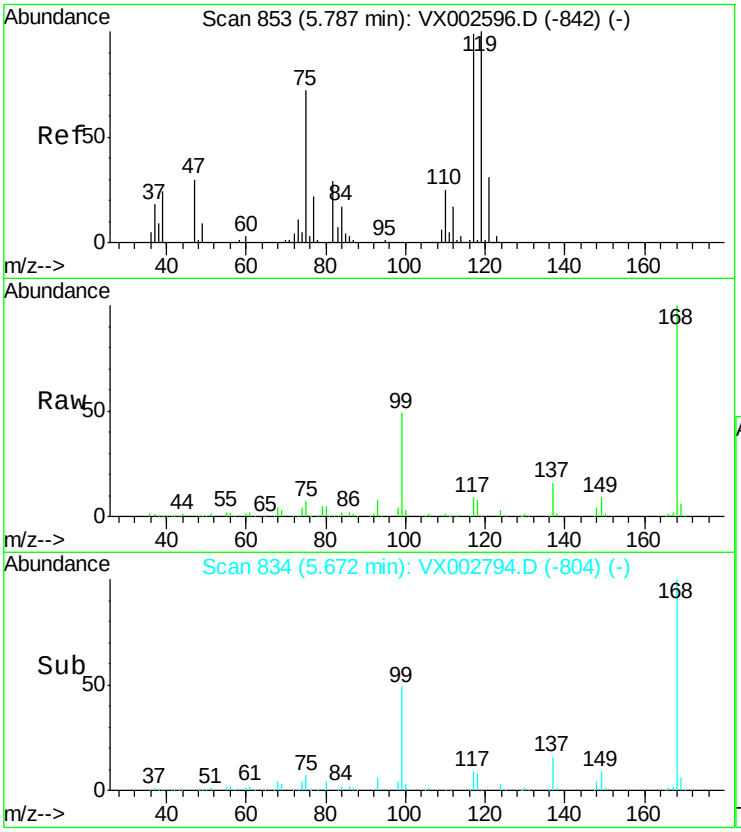


#35
Dibromofluoromethane
Concen: 48.01 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion:113 Resp: 116069

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	23.8	19.1	28.7



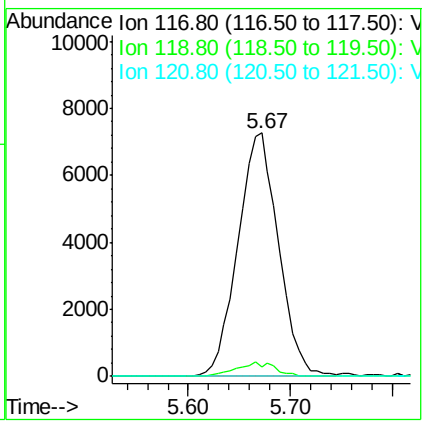


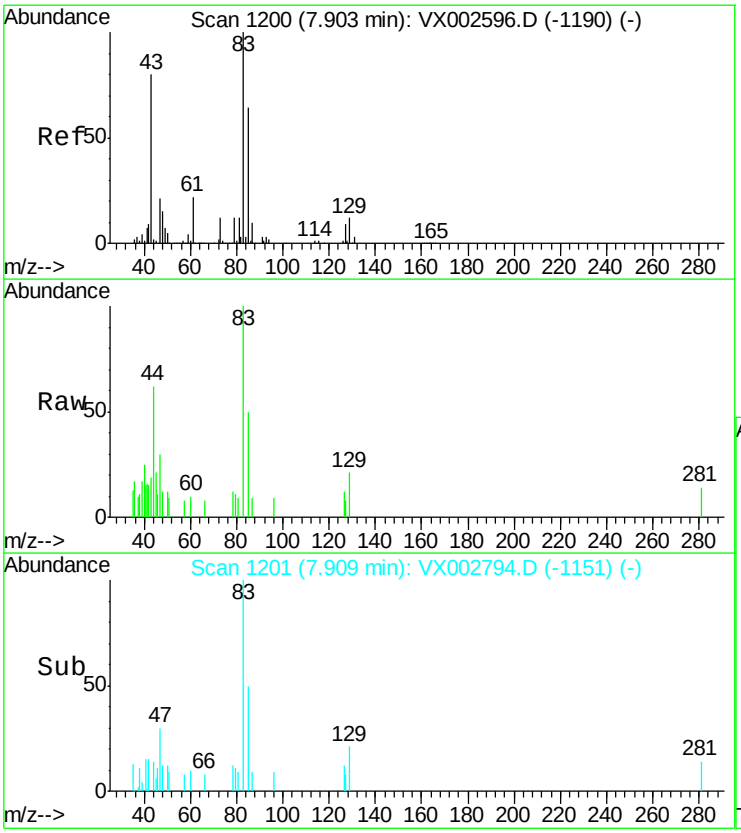
#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument : MSVOA_X
ClientSampleId : 26KV-TP-2

Tgt Ion:117 Resp: 20091

Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.4	116.0#
121	0.0	24.4	36.6#

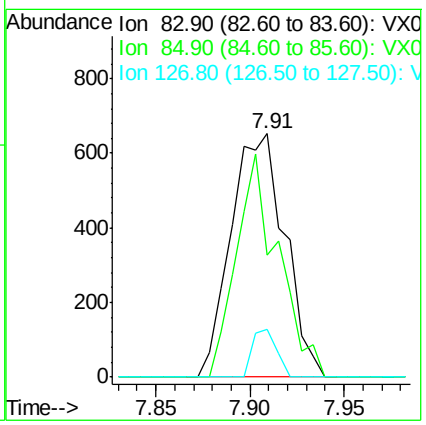


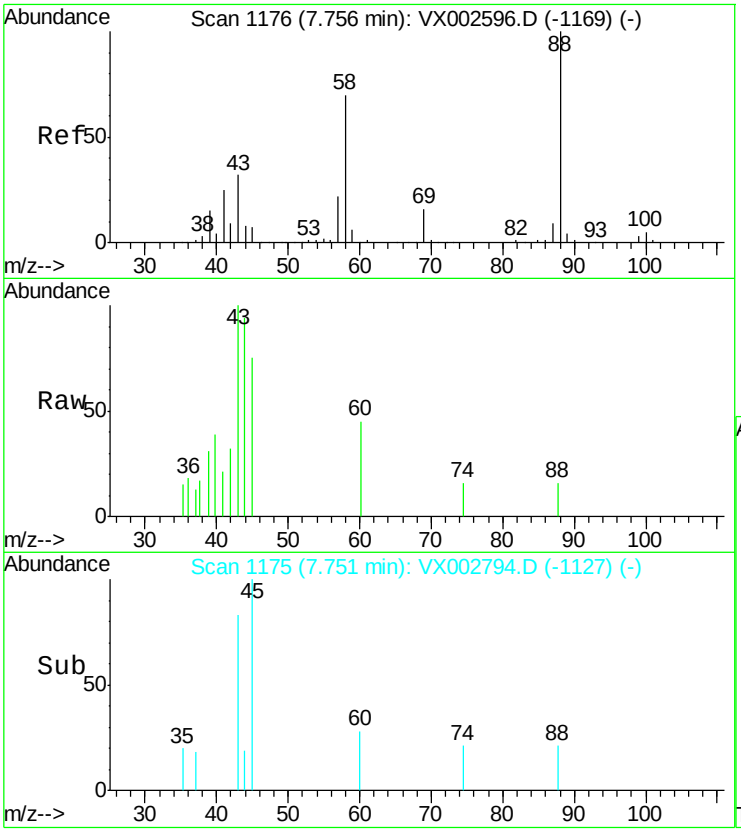


#47
Bromodichloromethane
Concen: 0.43 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.01 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion: 83 Resp: 1290

Ion	Ratio	Lower	Upper
83	100		
85	50.1	50.3	75.5#
127	19.8	7.0	10.4#



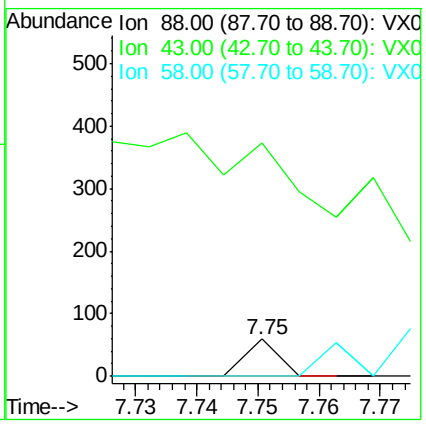


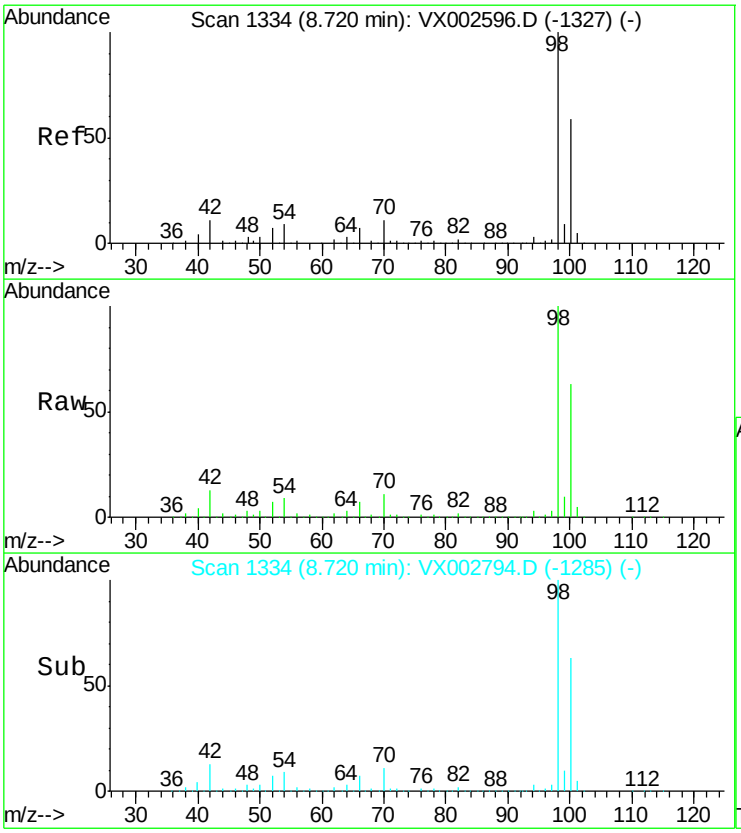
#49
1,4-Dioxane
Concen: 0.38 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. -0.01 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument : MSVOA_X
ClientSampleId : 26KV-TP-2

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	0.0	57.1	85.7#

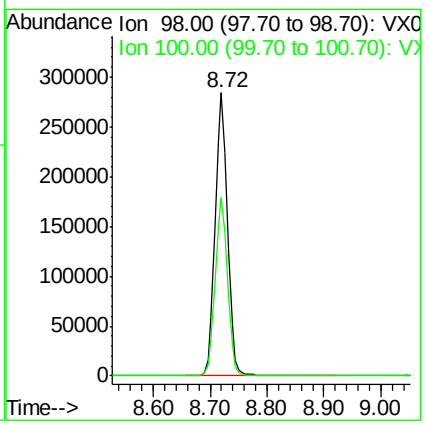


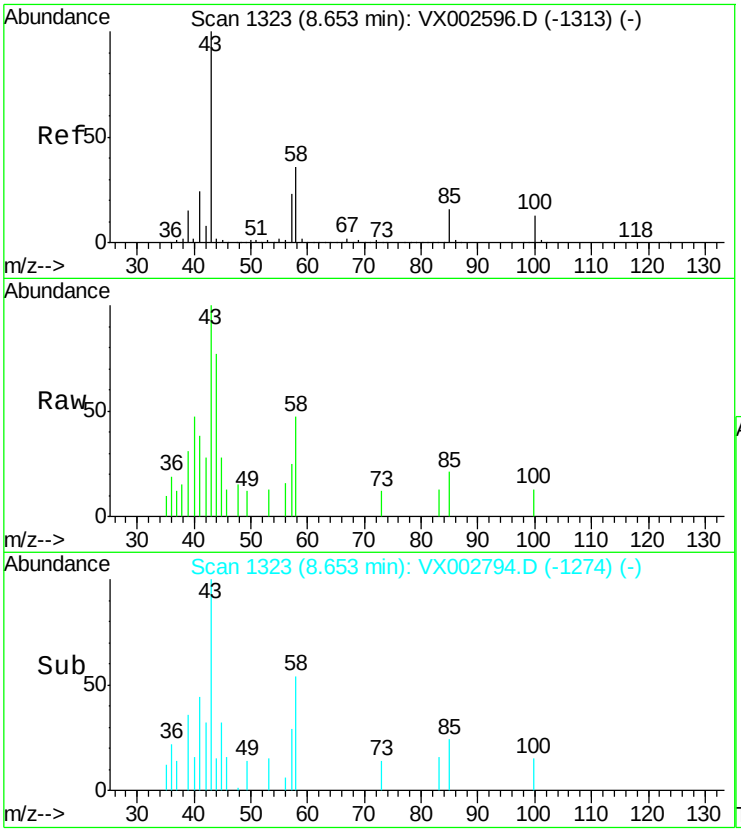


#50
Toluene-d8
Concen: 46.63 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion: 98 Resp: 428042

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3



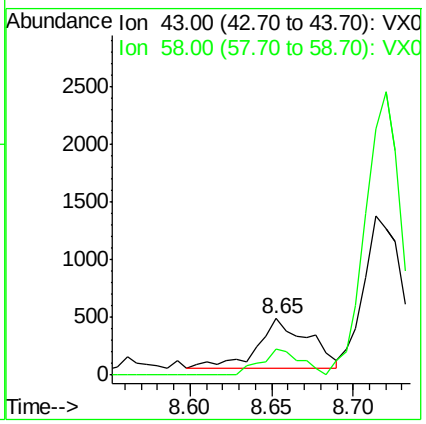


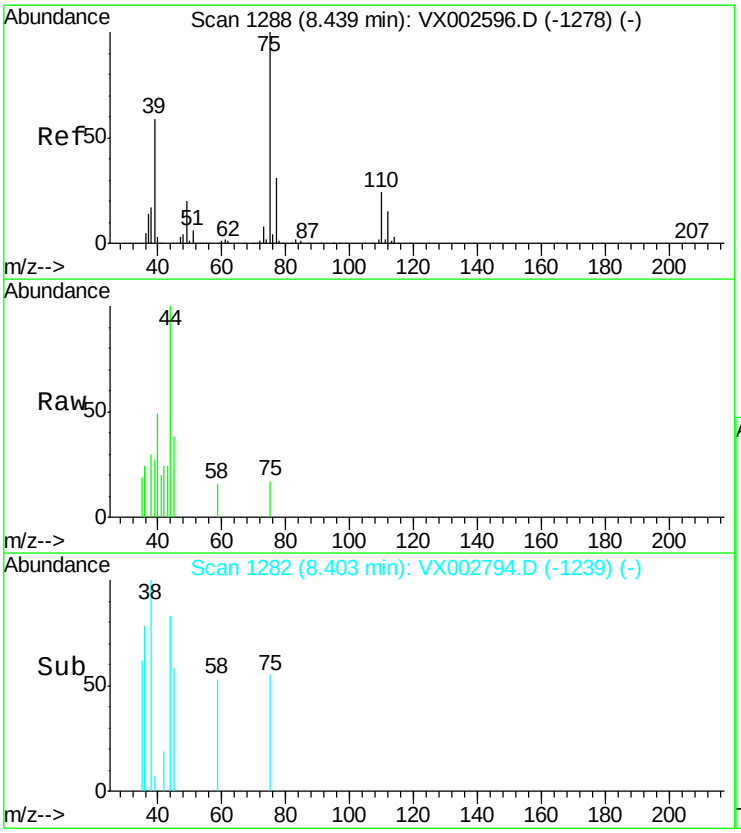
#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument : MSVOA_X
ClientSampleId : 26KV-TP-2

Tgt Ion: 43 Resp: 958

Ion	Ratio	Lower	Upper
43	100		
58	39.5	28.6	42.8

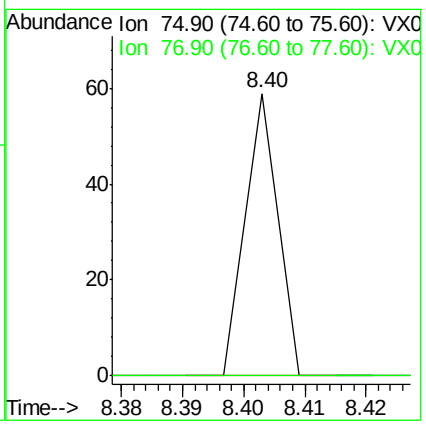


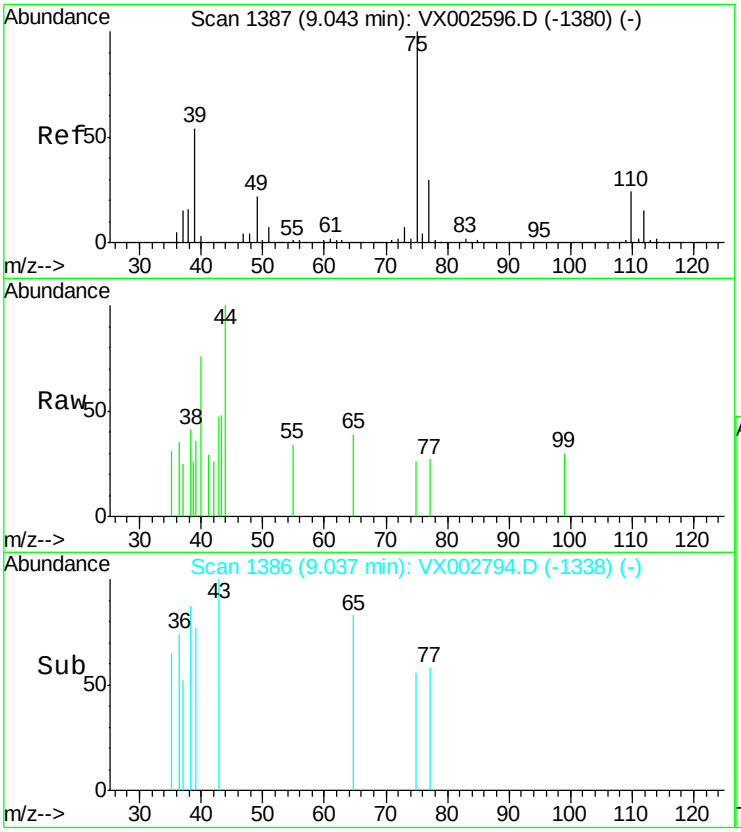


#53
t-1,3-Dichloropropene
Concen: 2.40 ug/l
RT: 8.40 min Scan# 1282
Delta R.T. -0.04 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion: 75 Resp: 22

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#



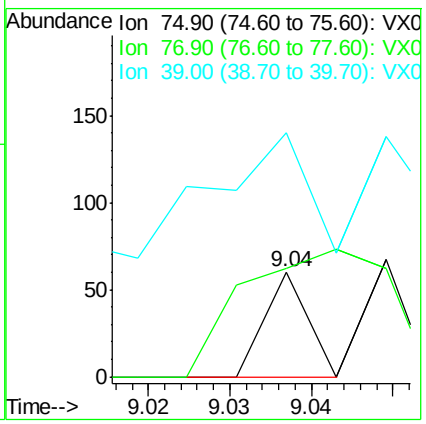


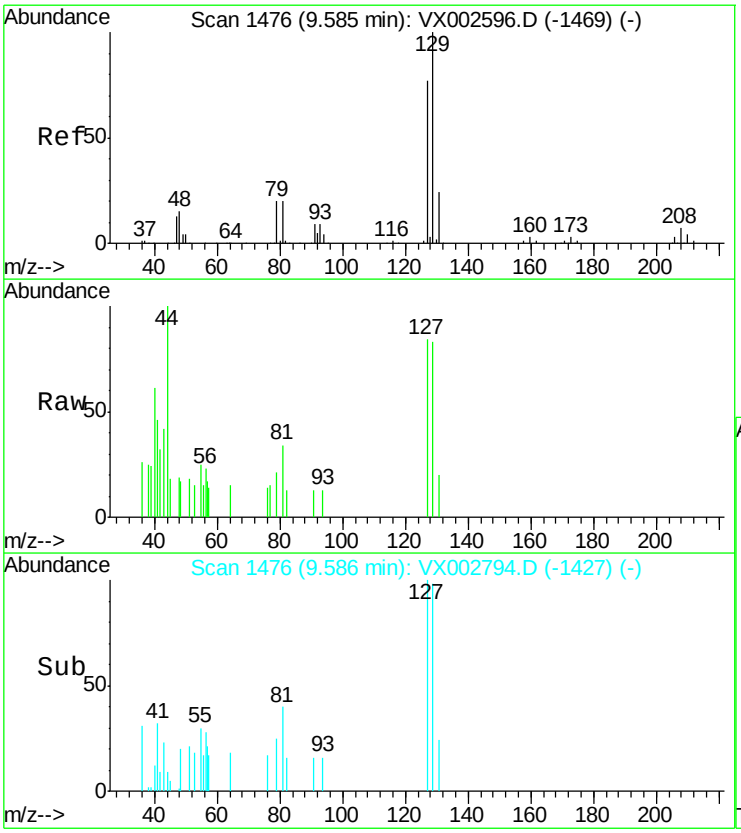
#54
cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 9.04 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-2

Tgt Ion: 75 Resp: 22

Ion	Ratio	Lower	Upper
75	100		
77	103.3	24.8	37.2#
39	115.0	42.4	63.6#

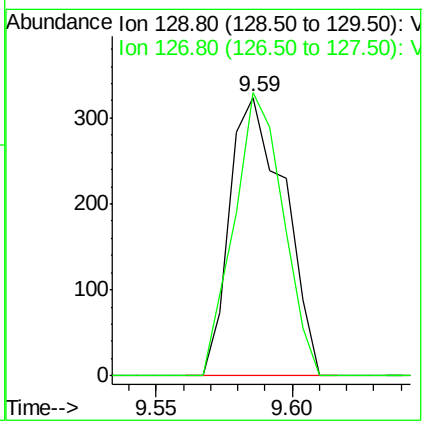


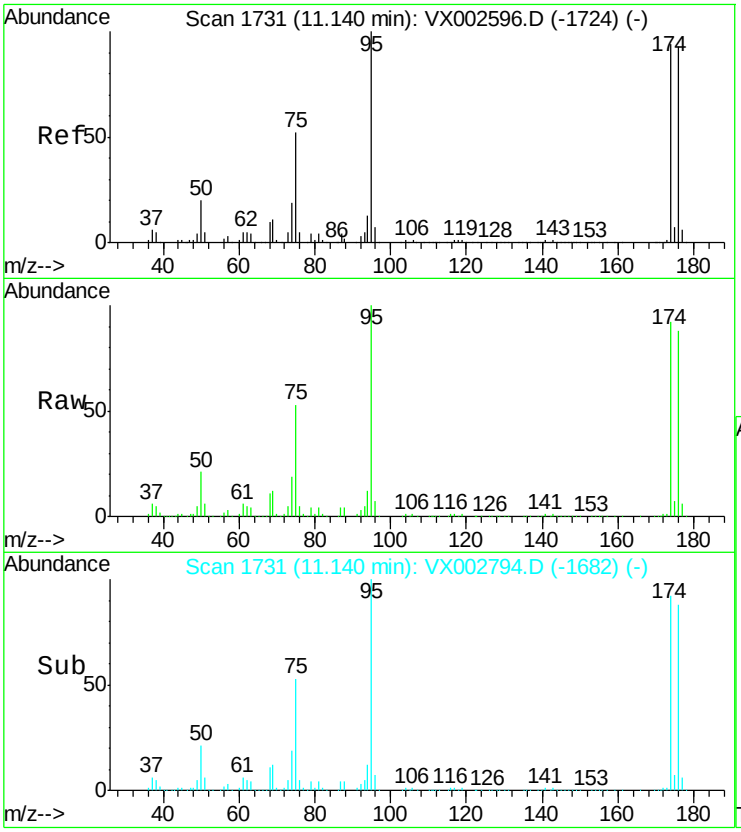


#60
Dibromochloromethane
Concen: 3.91 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion:129 Resp: 453

Ion	Ratio	Lower	Upper
129	100		
127	90.7	38.5	115.3



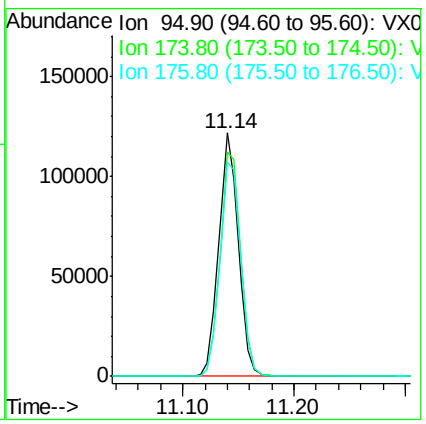


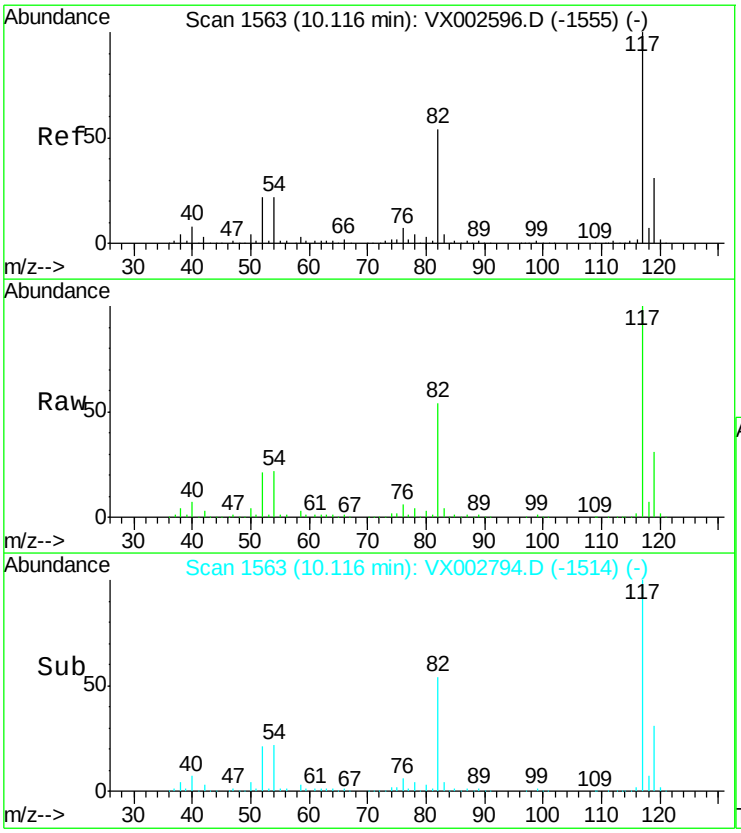
#62
4-Bromofluorobenzene
Concen: 42.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-2

Tgt Ion: 95 Resp: 148354

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	187.4
176	93.1	0.0	181.0

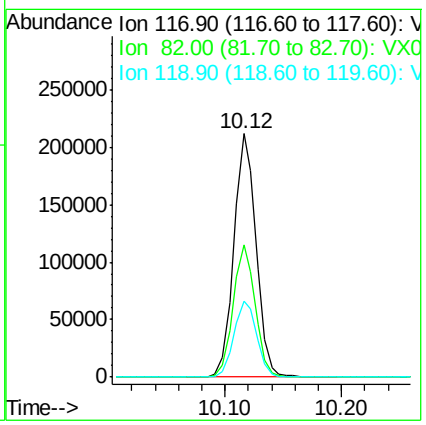


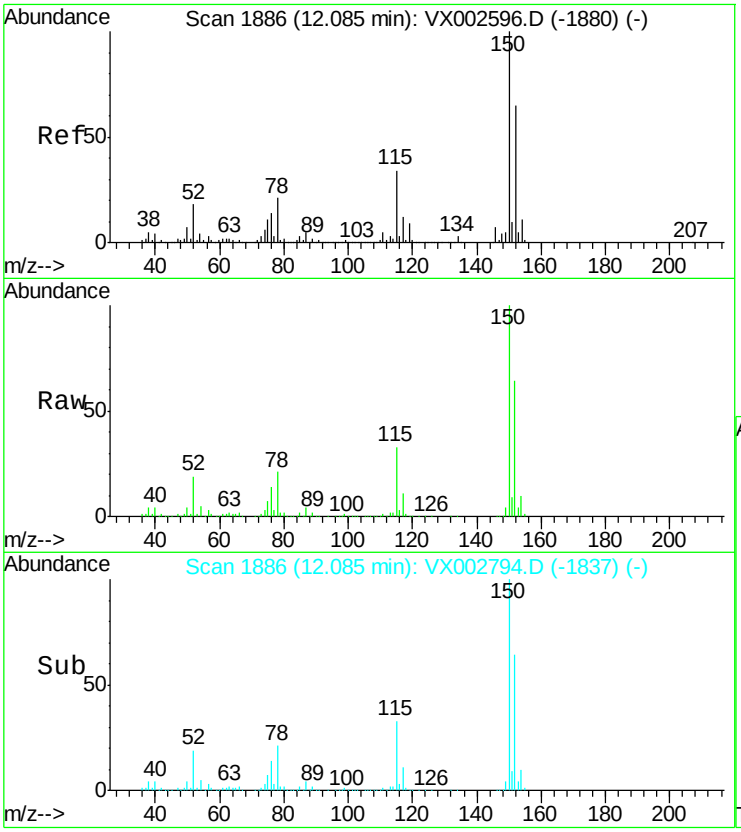


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion:117 Resp: 281932

Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.4
119	31.3	25.8	38.6



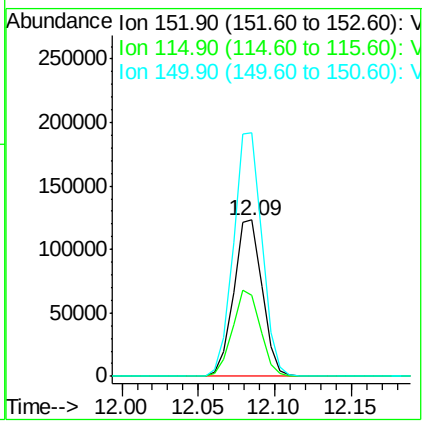


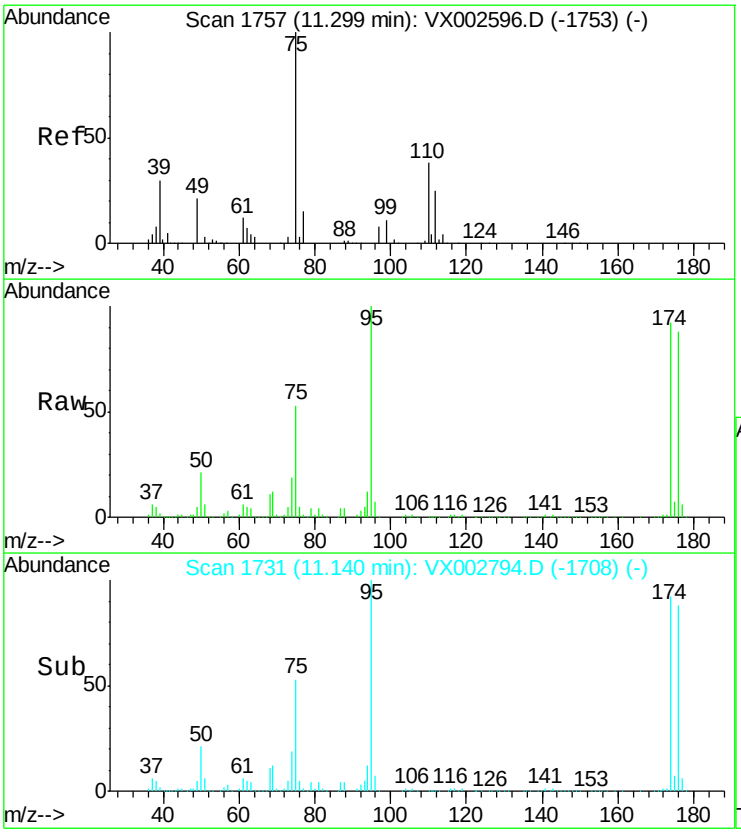
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument : MSVOA_X
ClientSampleId : 26KV-TP-2

Tgt Ion:152 Resp: 158742

Ion	Ratio	Lower	Upper
152	100		
115	53.9	40.1	120.2
150	156.4	0.0	347.2

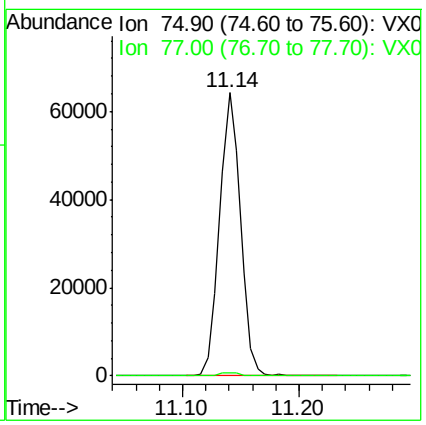


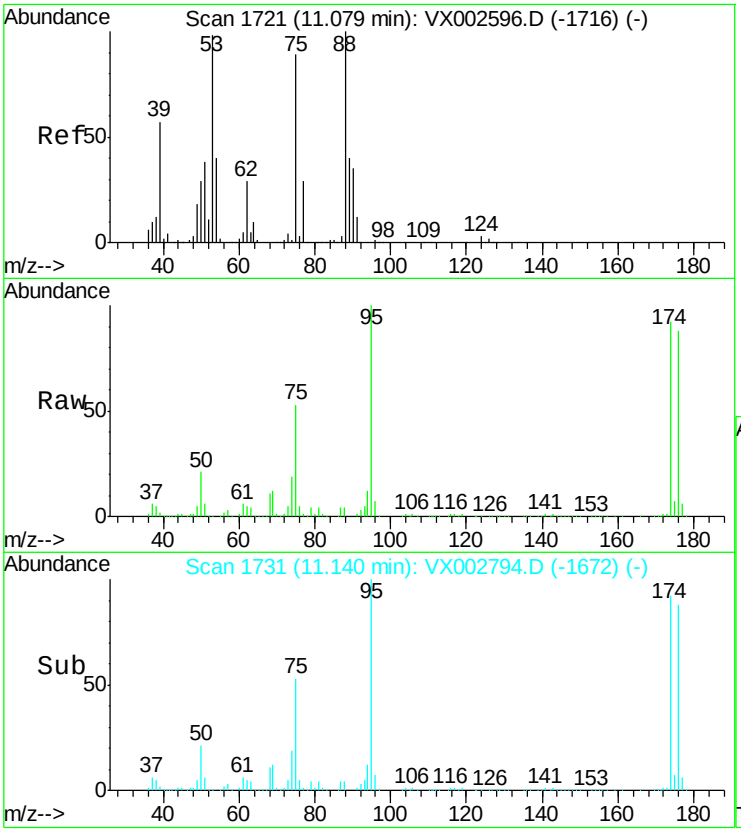


#76
1,2,3-Trichloropropane
Concen: 26.63 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion: 75 Resp: 79760

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#



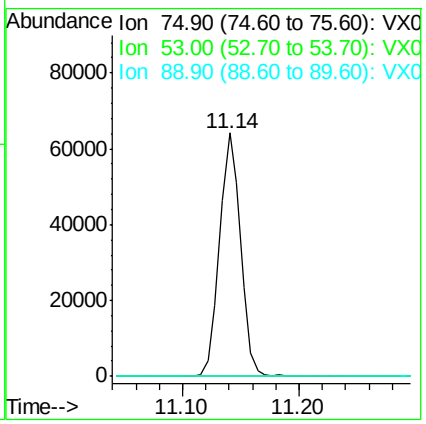


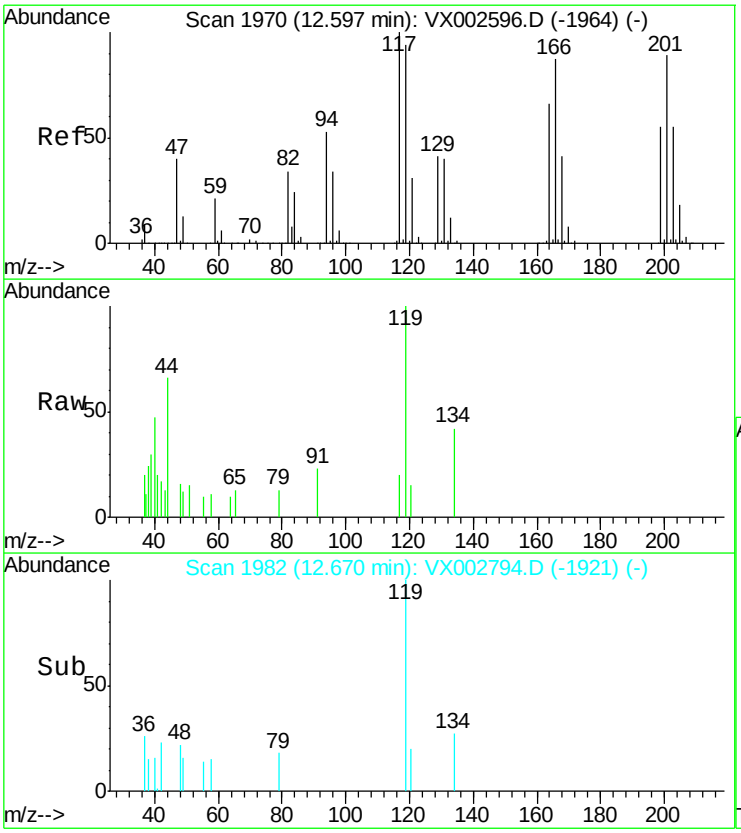
#81
trans-1,4-Dichloro-2-butene
Concen: 82.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-2

Tgt Ion: 75 Resp: 79760

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

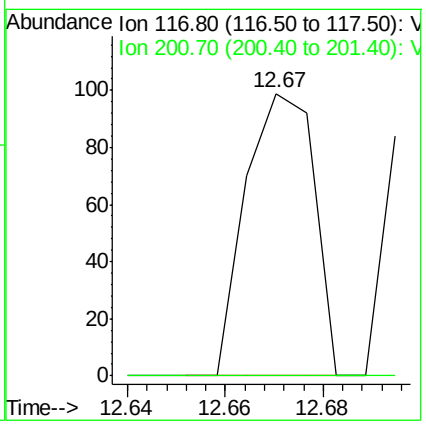


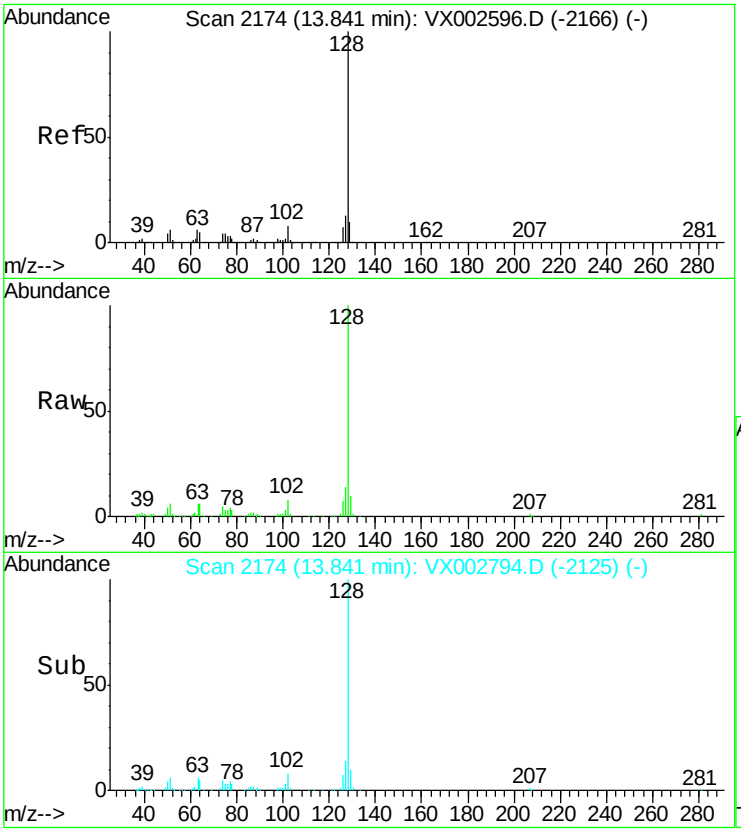


#90
Hexachloroethane
Concen: 2.68 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Tgt Ion:117 Resp: 95

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#95
Naphthalene
Concen: 2.63 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002794.D
Acq: 21 Jun 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-2

Tgt Ion:128 Resp: 27993

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.3	8.6	13.0