Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
Data File : VX003528.D
Acq On : 21 Jul 2018 00:30
Operator : JC/SP
Sample : J4014-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE103D1-071218

Quant Time: Jul 21 03:44:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	291991	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	422264	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	399484	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219428	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	182621	52.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.68%				
35) Dibromofluoromethane	5.50	113	169861	52.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.62%				
50) Toluene-d8	8.72	98	605071	50.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.10%				
62) 4-Bromofluorobenzene	11.14	95	206335	46.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.54%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	740	Below Cal			99
3) Chloromethane	1.32	50	672	Below Cal			99
5) Bromomethane	1.65	94	1195	Below Cal			91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	16416	5.07	ug/l		96
10) Methyl Iodide	2.52	142	1054	0.27	ug/l		94
12) 1,1-Dichloroethene	2.37	96	12017	4.03	ug/l		94
13) Acrolein	2.30	56	64	0.21	ug/l	#	67
16) Acetone	2.45	43	2514	1.93	ug/l	#	82
18) Methyl Acetate	2.78	43	879	0.21	ug/l	#	73
20) Methylene Chloride	2.85	84	897	Below Cal			85
24) 1,1-Dichloroethane	3.70	63	5380	0.92	ug/l		96
25) 2-Butanone	4.73	43	593	0.27	ug/l	#	52
27) cis-1,2-Dichloroethene	4.60	96	7841	2.12	ug/l	#	1
29) Tetrahydrofuran	5.17	42	1370	0.95	ug/l	#	89
30) Chloroform	5.22	83	4277	0.75	ug/l		87
31) Cyclohexane	5.67	56	4614	0.89	ug/l	#	1
32) 1,1,1-Trichloroethane	5.51	97	1439	0.30	ug/l	#	49
36) 1,1-Dichloropropene	5.67	75	18901	4.15	ug/l	#	50
38) Carbon Tetrachloride	5.78	117	1571	0.35	ug/l	#	77
39) Methylcyclohexane	7.21	83	21471	3.98	ug/l	#	1
44) Trichloroethene	7.22	130	2037169	496.26	ug/l		99
49) 1,4-Dioxane	7.76	88	2058	26.25	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.71	43	2491	0.57	ug/l	#	1
55) 1,1,2-Trichloroethane	9.22	97	2180	0.63	ug/l		95
60) Dibromochloromethane	9.34	129	2240	0.66	ug/l	#	11
64) Tetrachloroethene	9.34	164	2643	0.54	ug/l		95
76) 1,2,3-Trichloropropane	11.14	75	97532	24.74	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	97532	69.31	ug/l	#	7

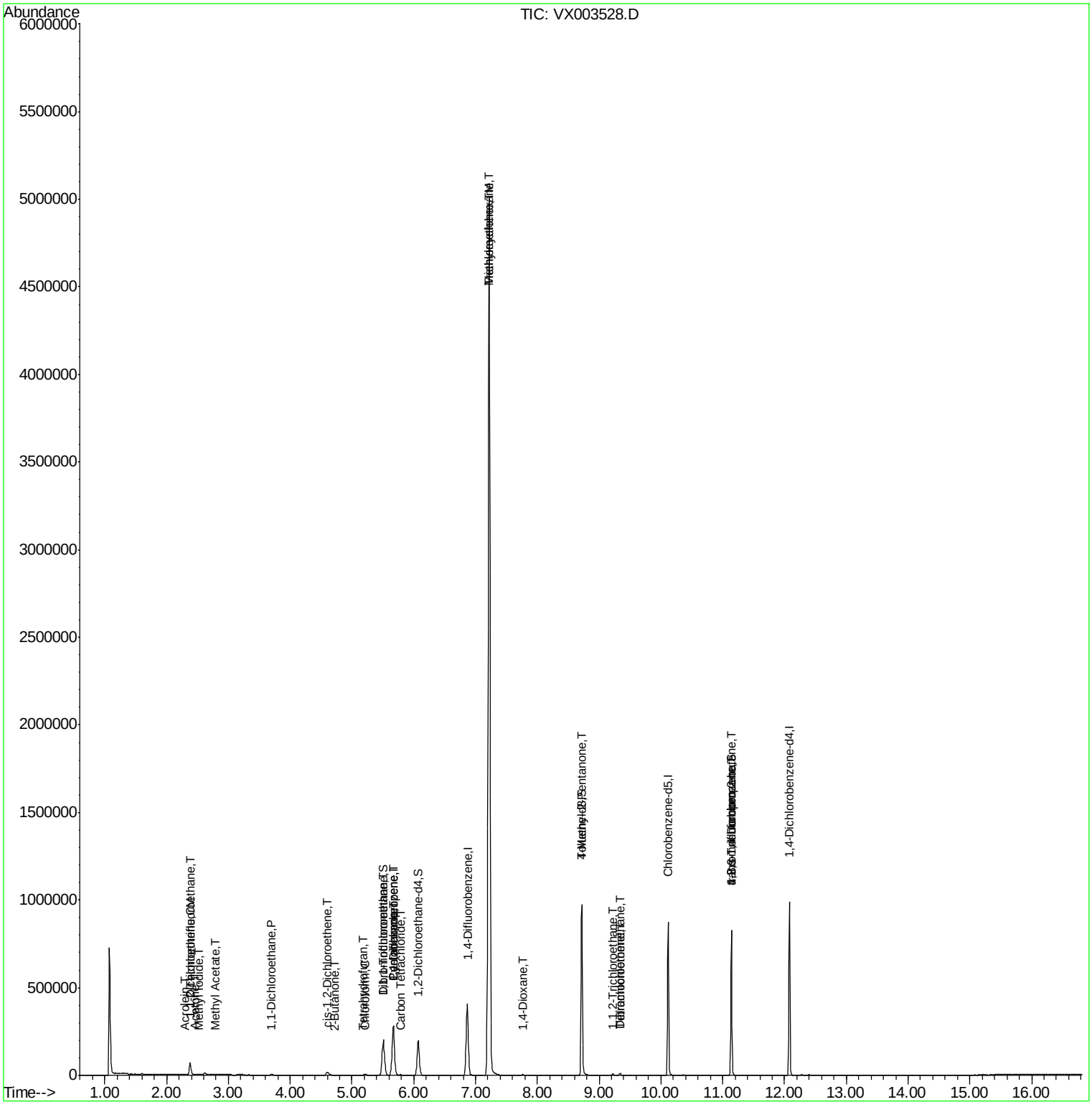
(#) = qualifier out of range (m) = manual integration (+) = signals summed

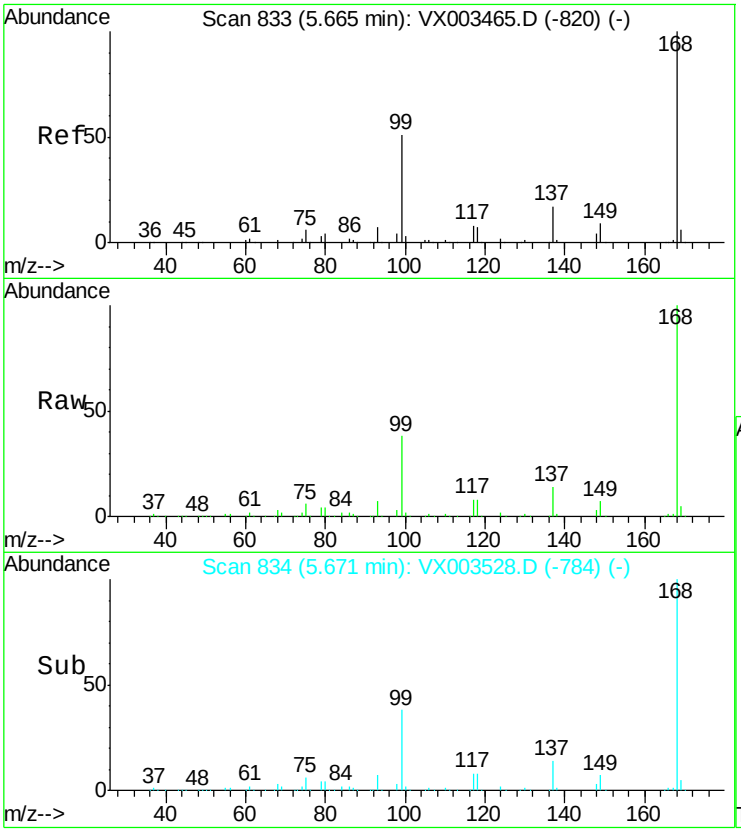
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072018\
Data File : VX003528.D
Acq On : 21 Jul 2018 00:30
Operator : JC/SP
Sample : J4014-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Quant Time: Jul 21 03:44:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration



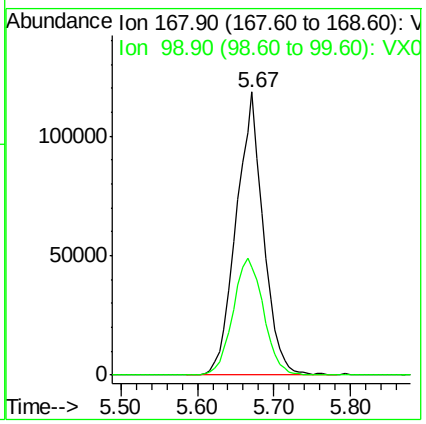


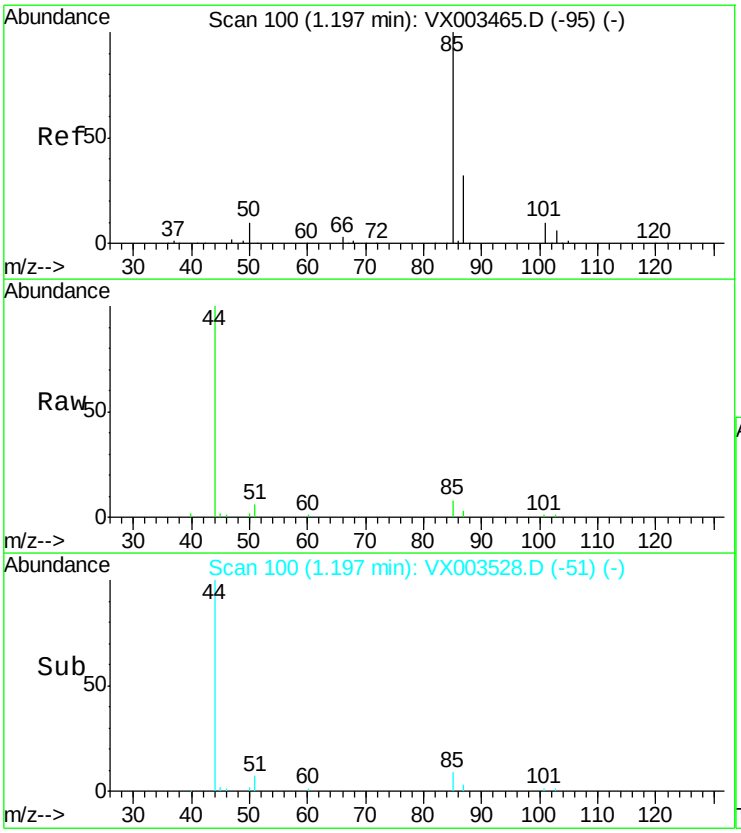
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion:168 Resp: 291991

Ion	Ratio	Lower	Upper
168	100		
99	38.2	39.3	58.9#

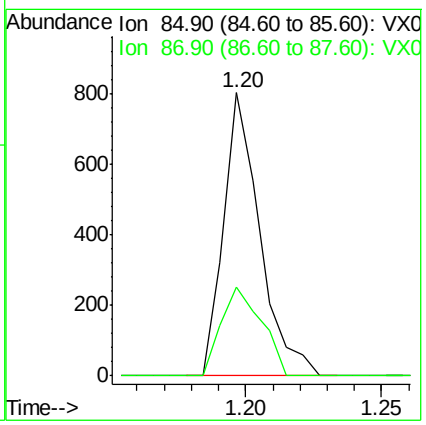


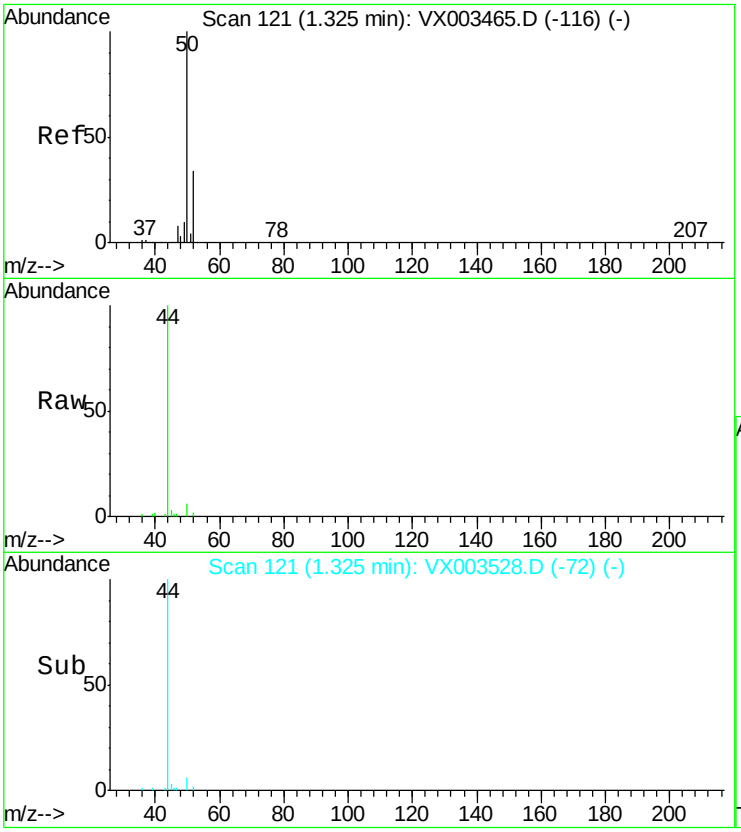


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 85 Resp: 740

Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.0	47.9



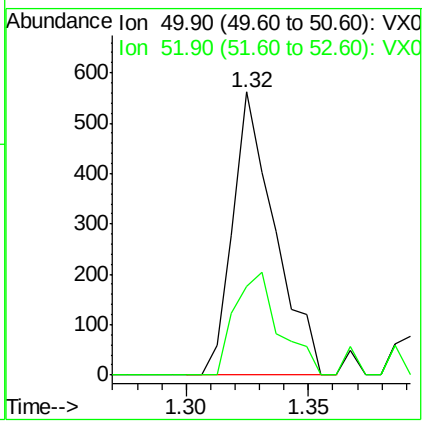


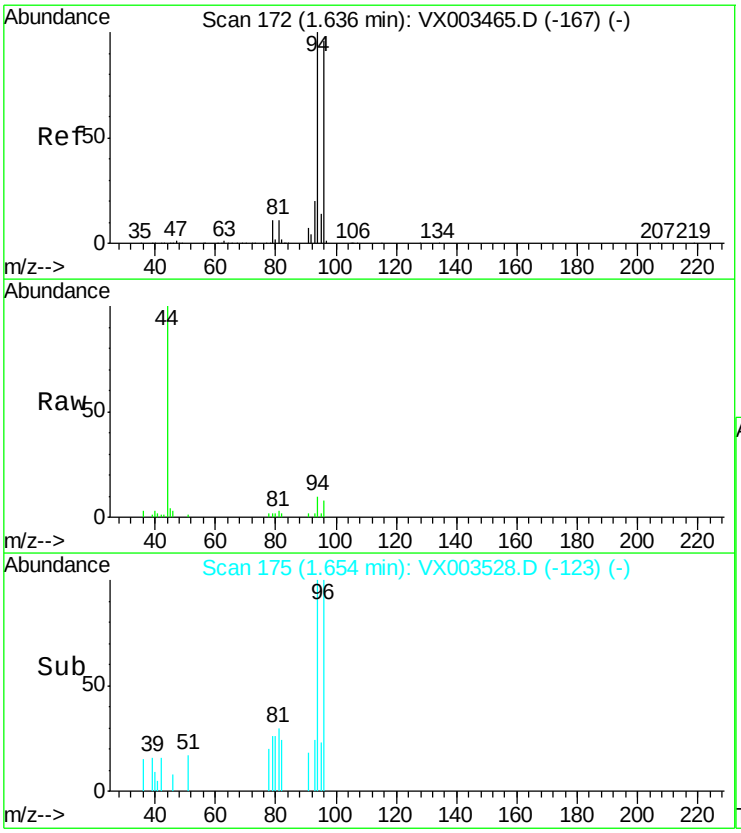
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion: 50 Resp: 672

Ion	Ratio	Lower	Upper
50	100		
52	31.3	25.7	38.5

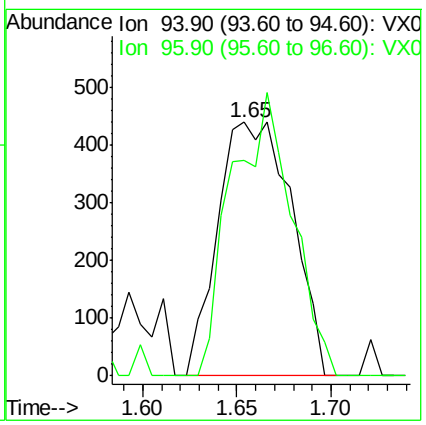


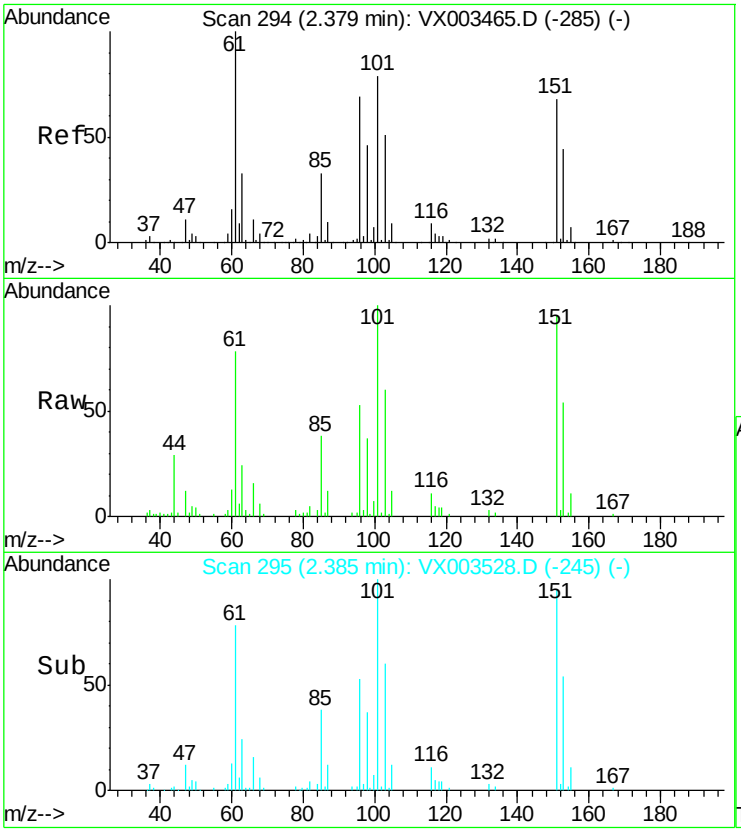


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 94 Resp: 1195

Ion	Ratio	Lower	Upper
94	100		
96	85.2	74.9	112.3



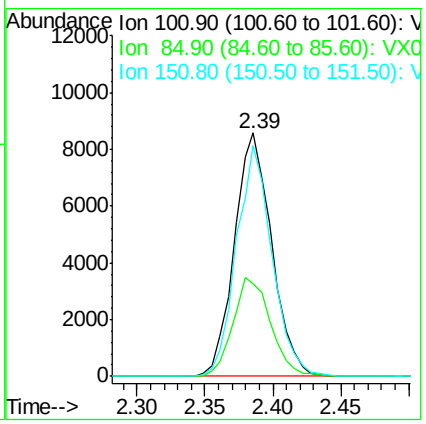


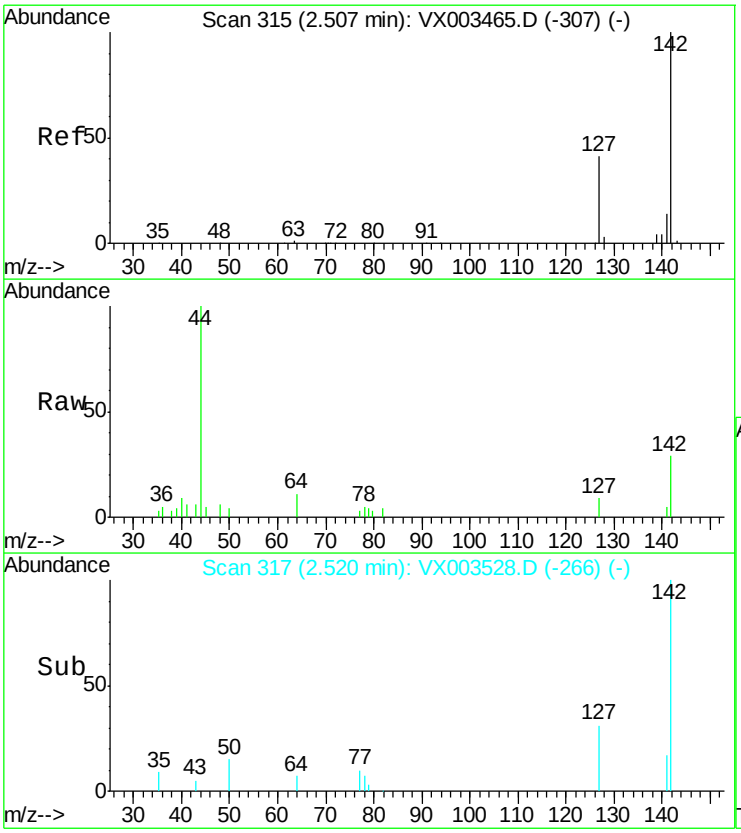
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.07 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion:101 Resp: 16416

Ion	Ratio	Lower	Upper
101	100		
85	40.9	36.0	54.0
151	90.7	70.9	106.3

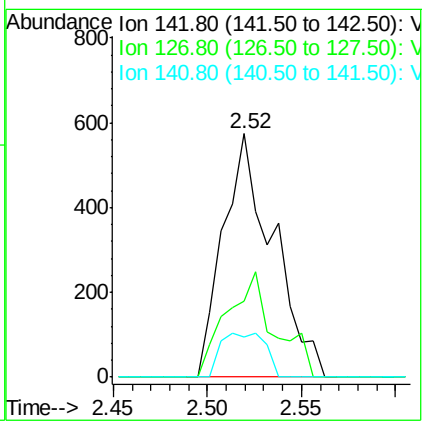


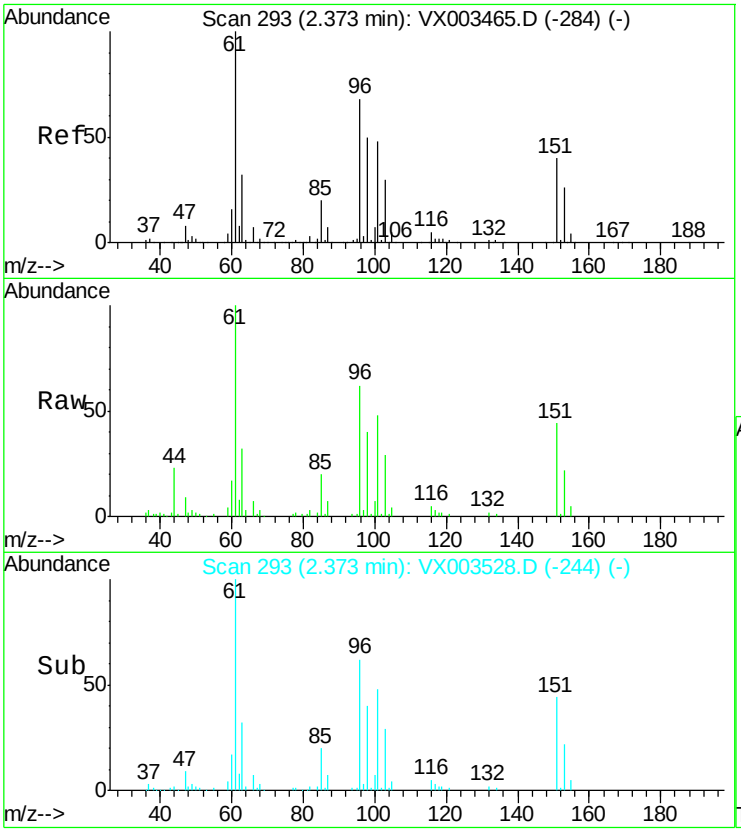


#10
Methyl Iodide
Concen: 0.27 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion:142 Resp: 1054

Ion	Ratio	Lower	Upper
142	100		
127	41.7	36.6	55.0
141	16.2	11.3	16.9



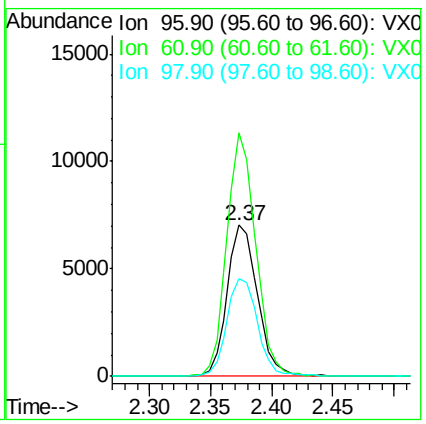


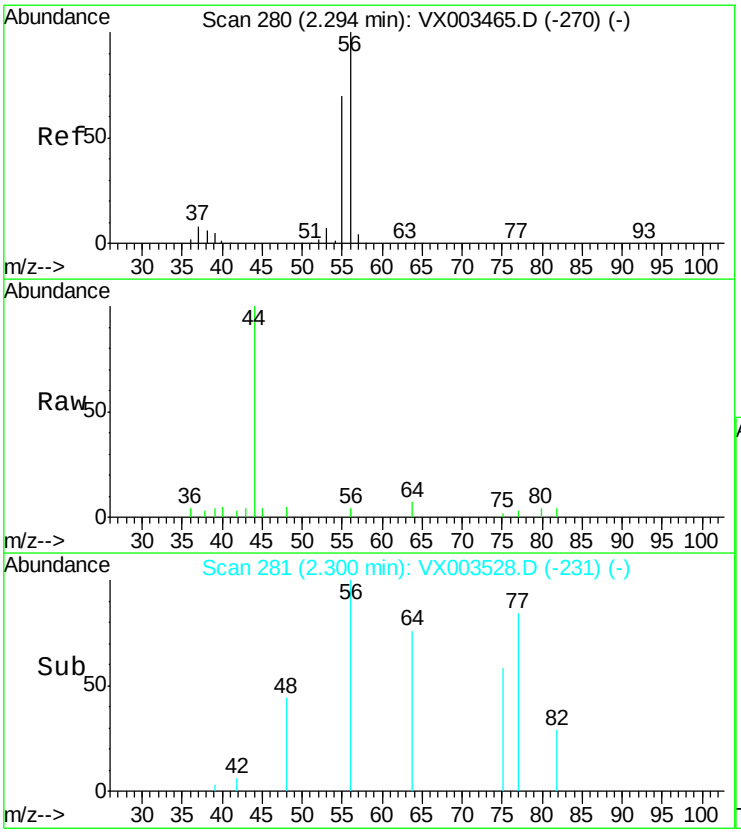
#12
1,1-Dichloroethene
Concen: 4.03 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion: 96 Resp: 12017

Ion	Ratio	Lower	Upper
96	100		
61	160.9	137.9	206.9
98	64.9	51.6	77.4

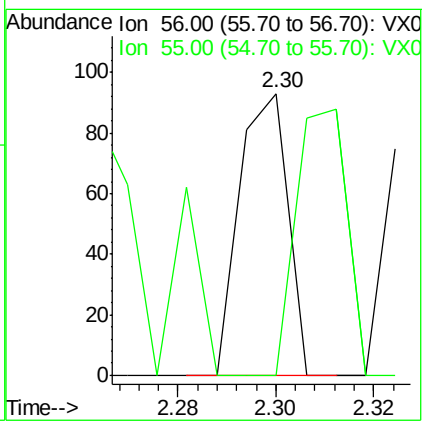


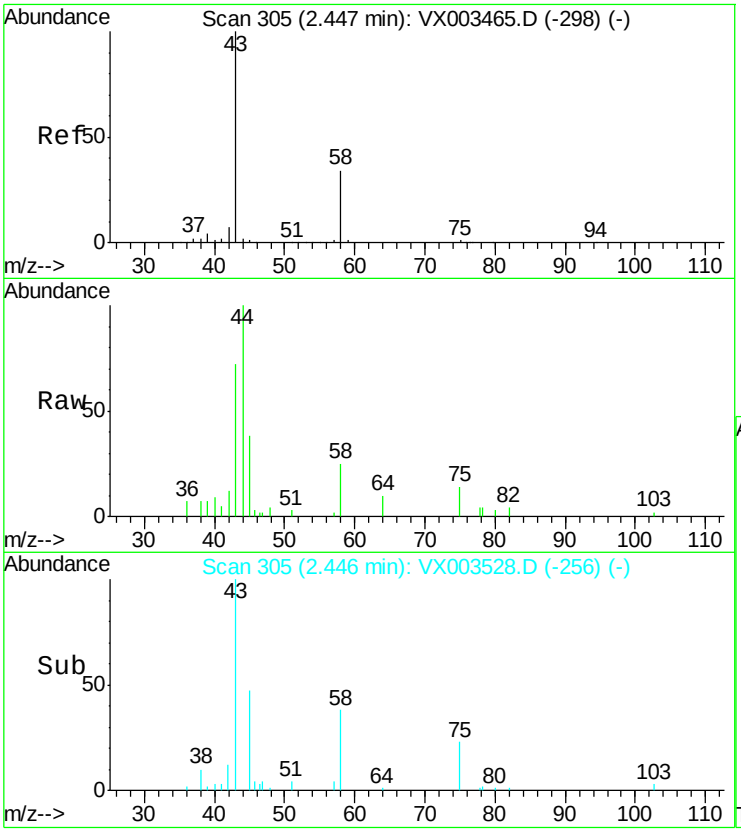


#13
Acrolein
Concen: 0.21 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 56 Resp: 64

Ion	Ratio	Lower	Upper
56	100		
55	98.4	57.0	85.4#



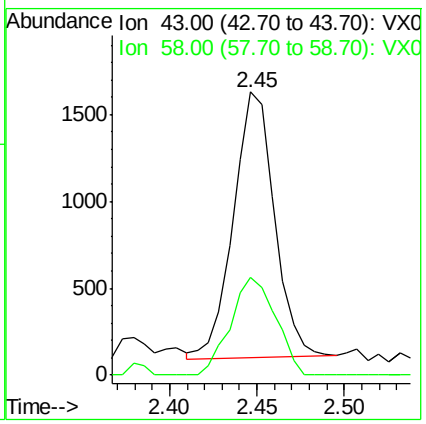


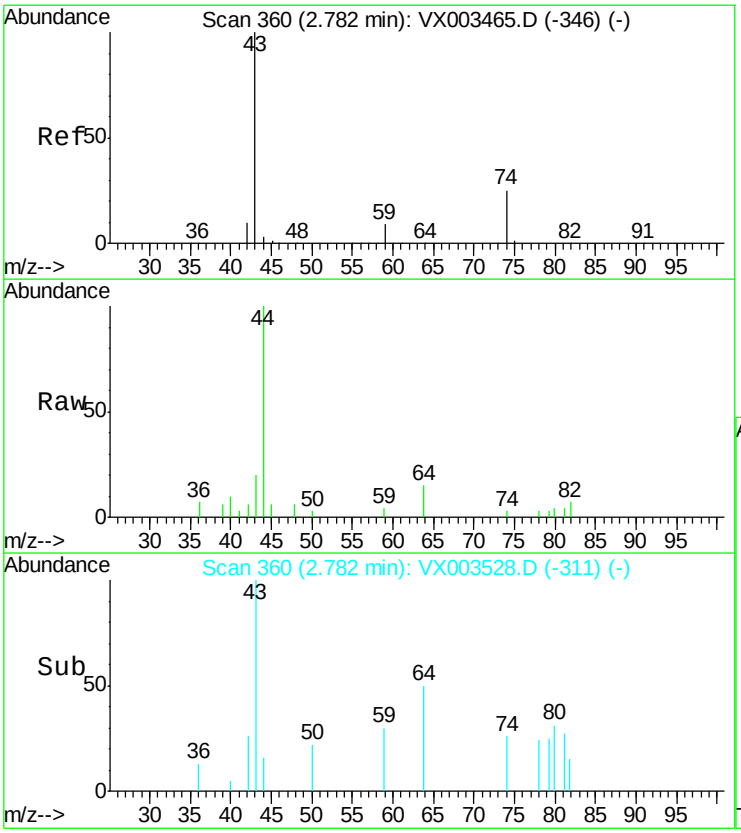
#16
Acetone
Concen: 1.93 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion: 43 Resp: 2514

Ion	Ratio	Lower	Upper
43	100		
58	36.9	22.1	33.1#

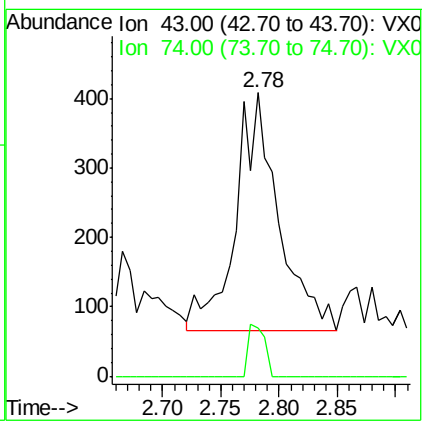


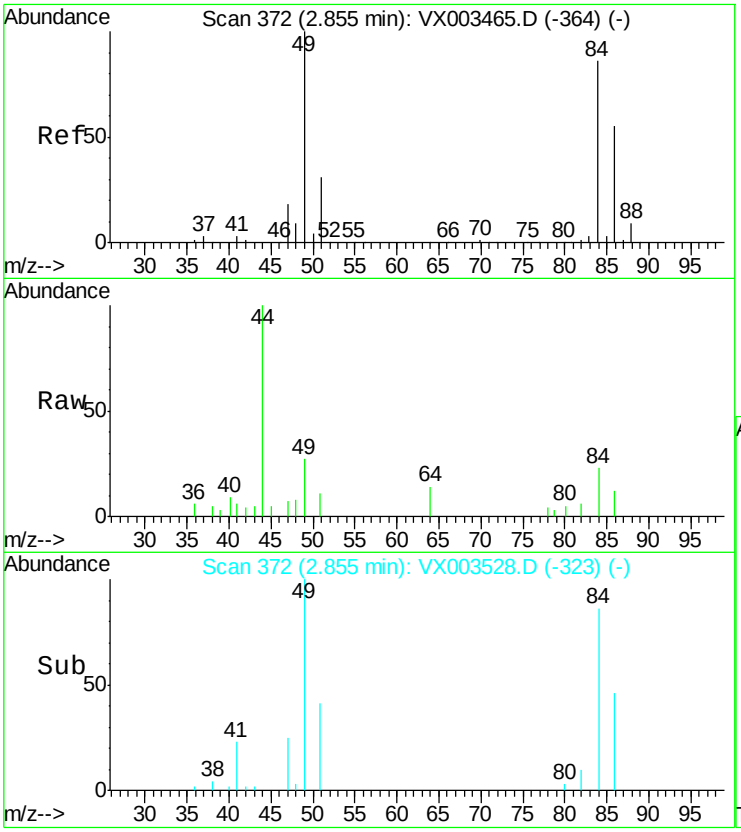


#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 43 Resp: 879

Ion	Ratio	Lower	Upper
43	100		
74	8.4	16.7	25.1#



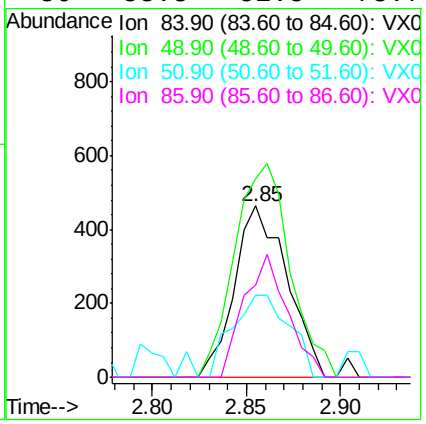


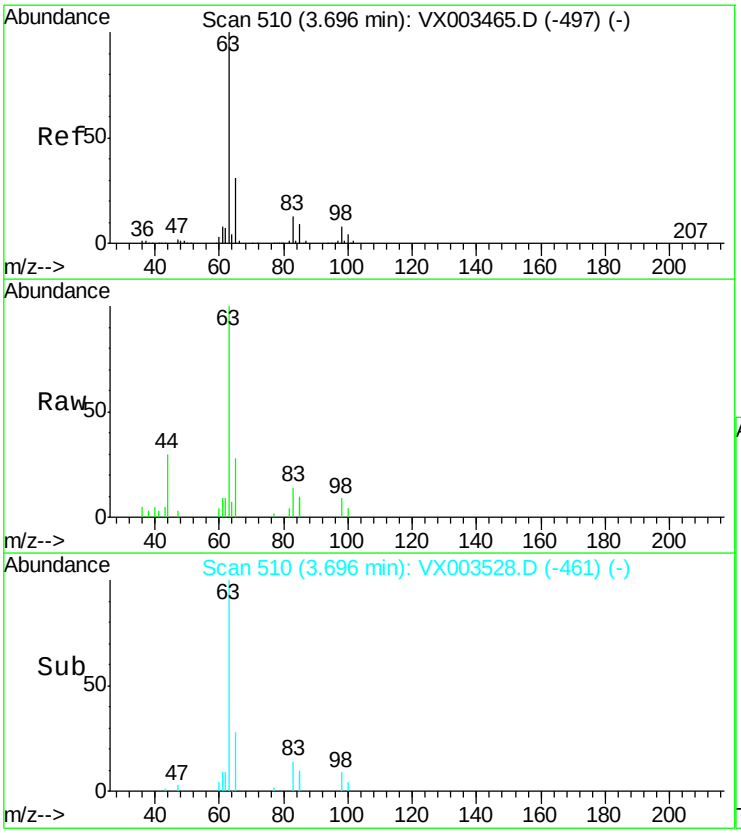
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument : MSVOA_X
ClientSampleId : RE103D1-071218

Tgt Ion: 84 Resp: 897

Ion	Ratio	Lower	Upper
84	100		
49	116.2	107.8	161.6
51	47.7	32.8	49.2
86	53.8	52.5	78.7

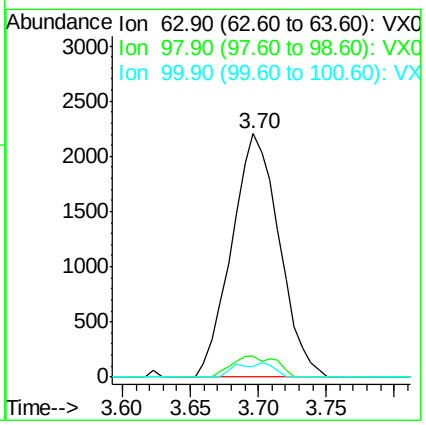


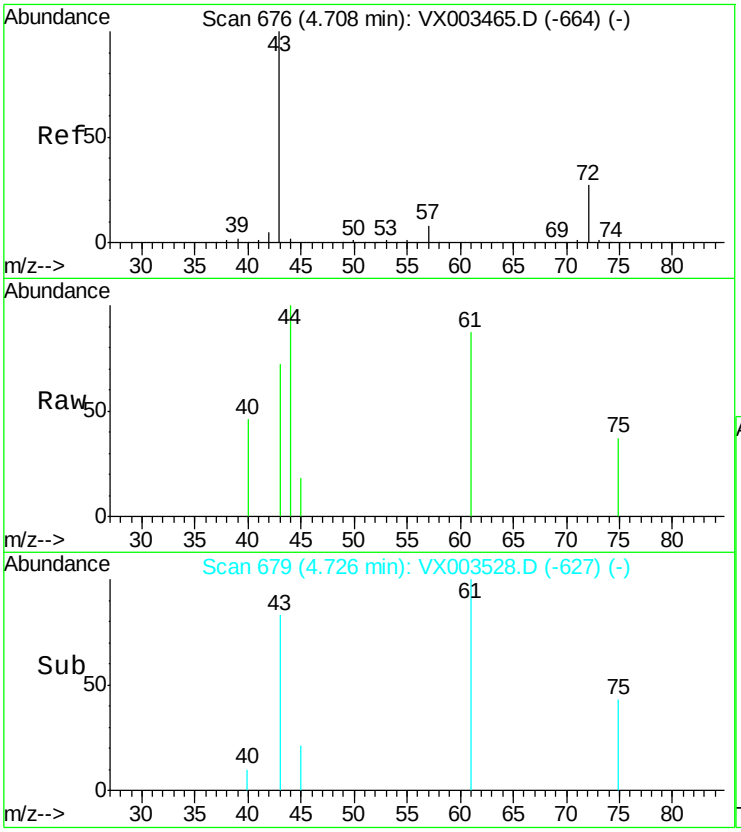


#24
1,1-Dichloroethane
Concen: 0.92 ug/l
RT: 3.70 min Scan# 510
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 63 Resp: 5380

Ion	Ratio	Lower	Upper
63	100		
98	8.6	3.4	10.2
100	4.3	2.0	6.0



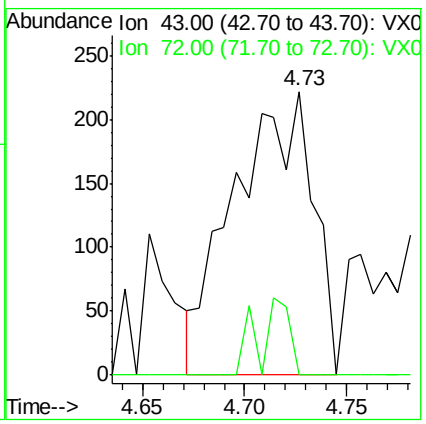


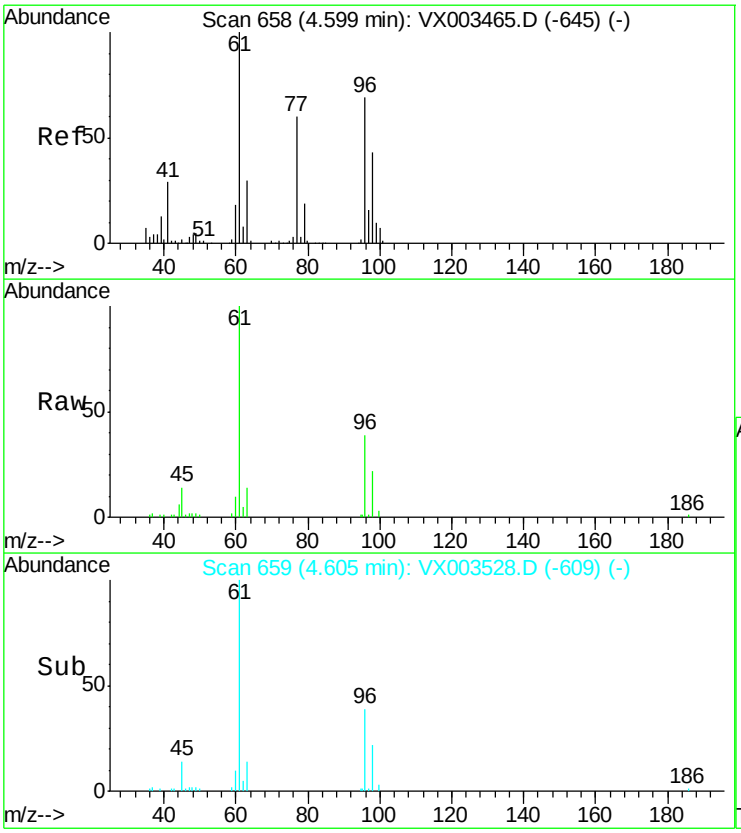
#25
2-Butanone
Concen: 0.27 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.02 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion: 43 Resp: 593

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.5	27.7#

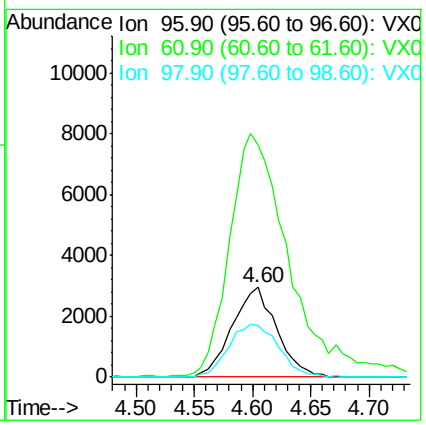


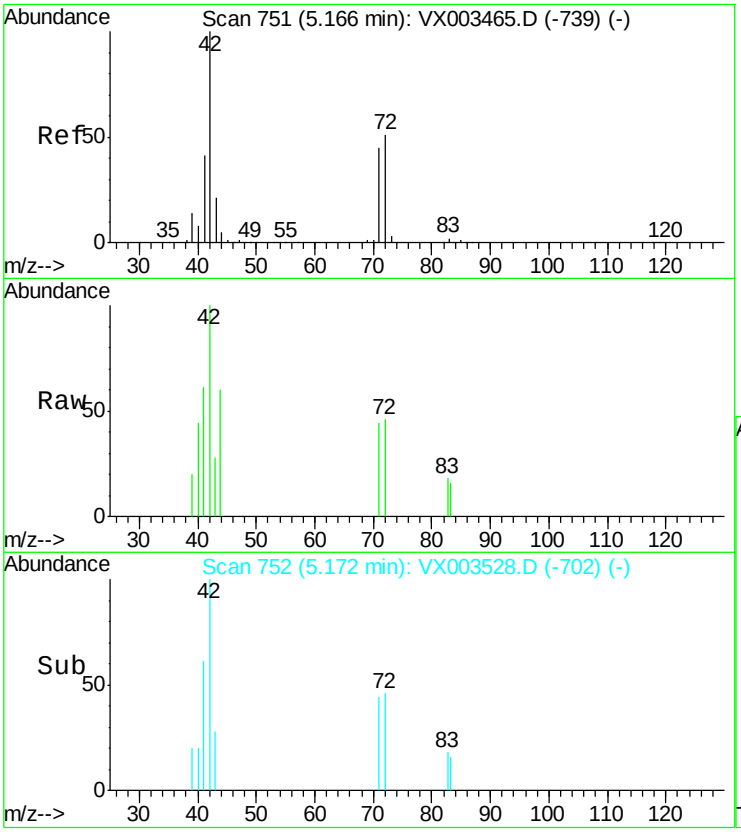


#27
cis-1,2-Dichloroethene
Concen: 2.12 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 96 Resp: 7841

Ion	Ratio	Lower	Upper
96	100		
61	376.3	0.0	330.2#
98	66.1	0.0	130.2



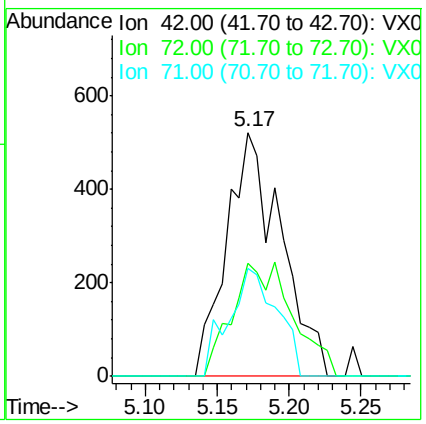


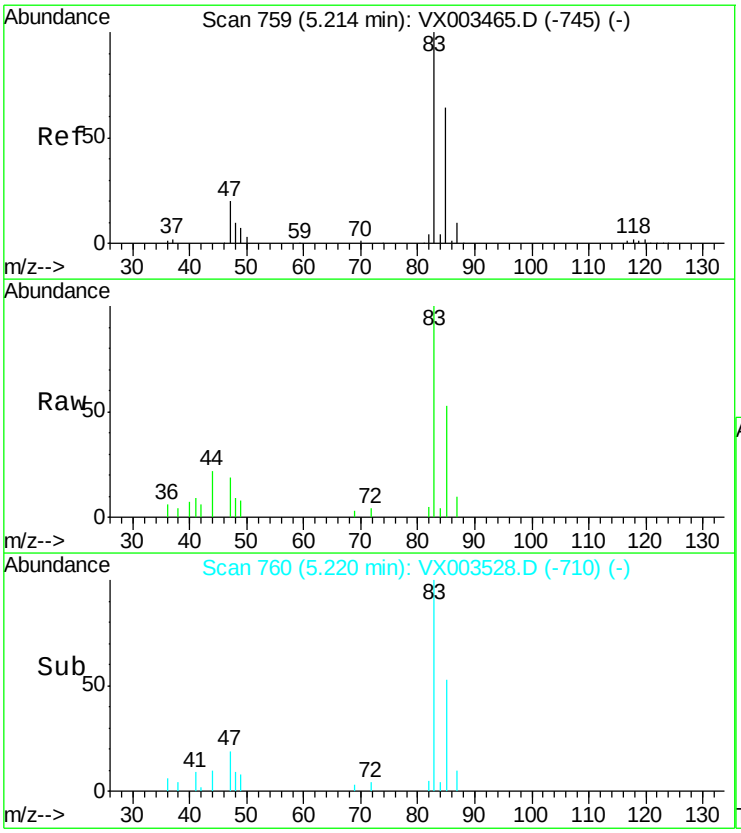
#29
Tetrahydrofuran
Concen: 0.95 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion: 42 Resp: 1370

Ion	Ratio	Lower	Upper
42	100		
72	51.5	32.0	48.0#
71	39.3	30.1	45.1

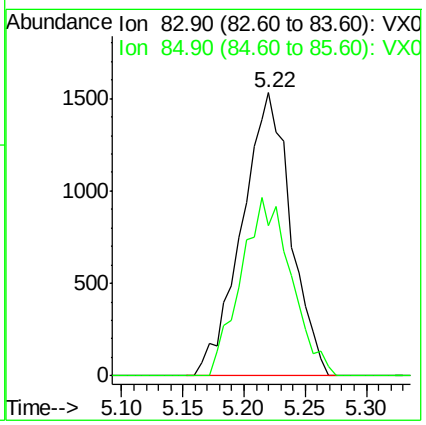


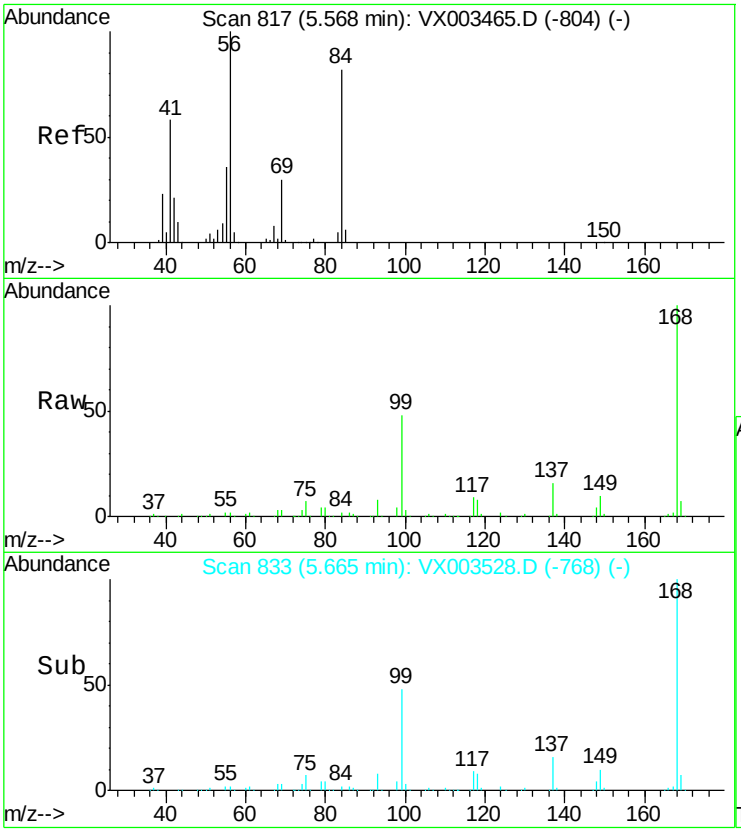


#30
Chloroform
Concen: 0.75 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 83 Resp: 4277

Ion	Ratio	Lower	Upper
83	100		
85	53.1	50.4	75.6



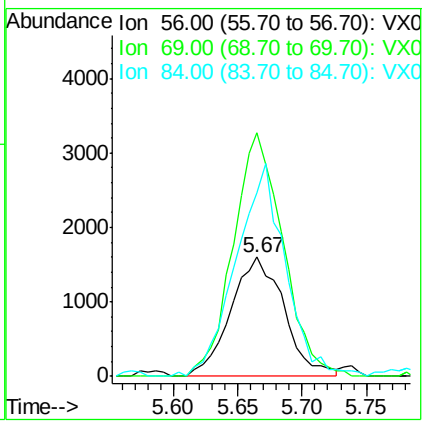


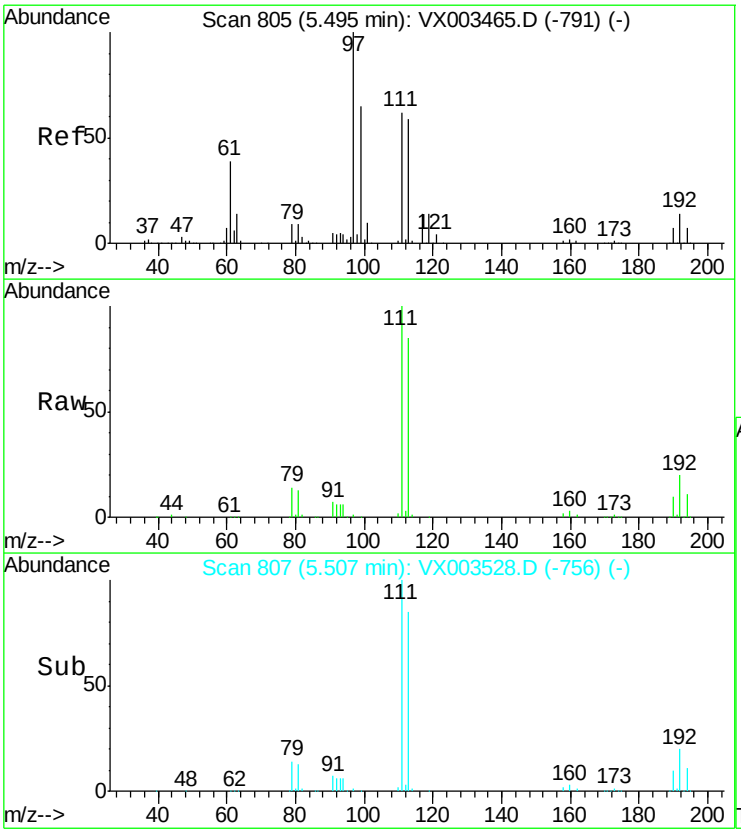
#31
Cyclohexane
Concen: 0.89 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.10 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion: 56 Resp: 4614

Ion	Ratio	Lower	Upper
56	100		
69	204.2	23.7	35.5#
84	154.3	64.1	96.1#

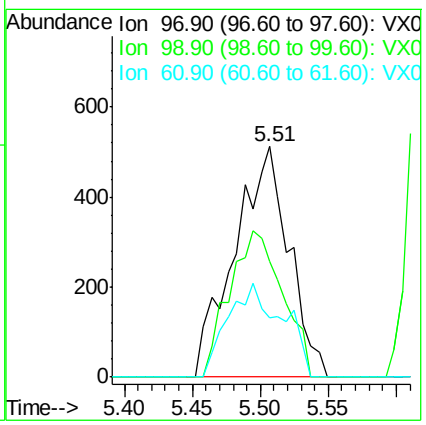


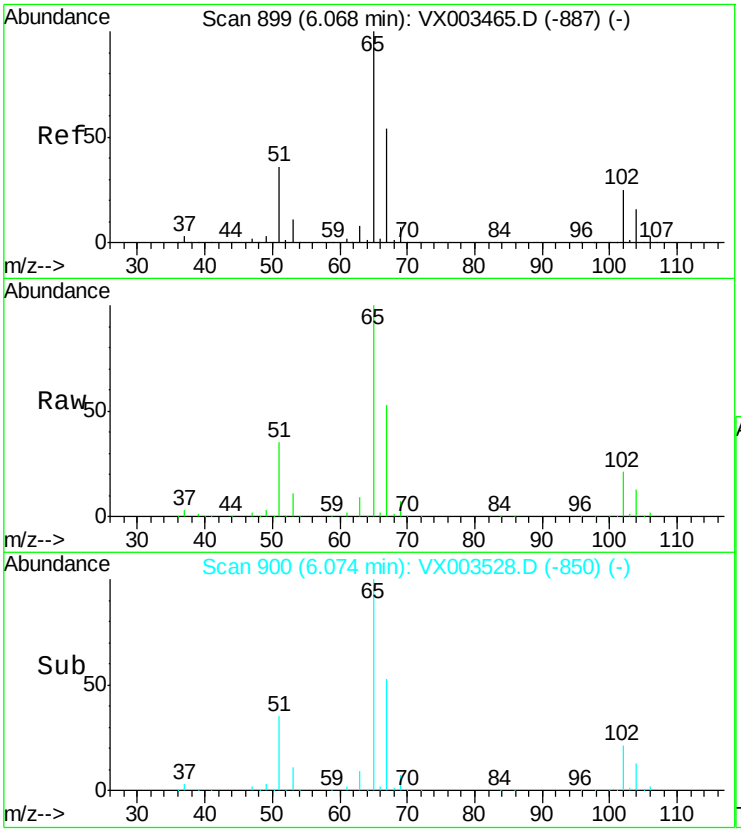


#32
1,1,1-Trichloroethane
Concen: 0.30 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 97 Resp: 1439

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	40.6	36.4	54.6



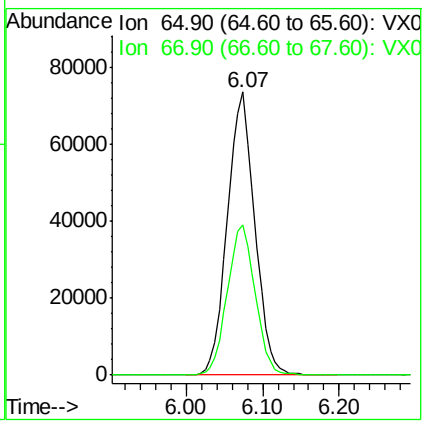


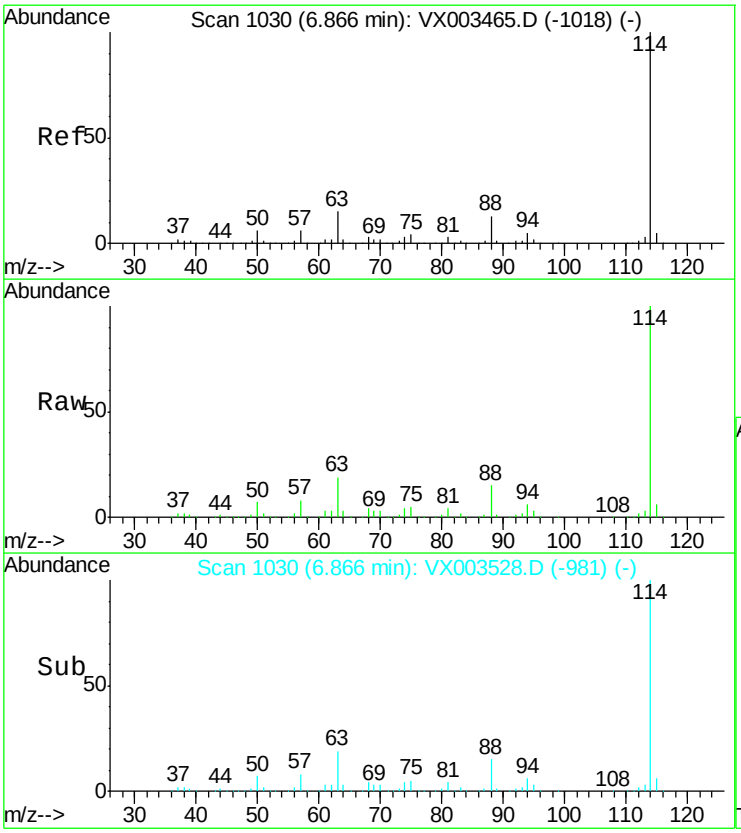
#33
1,2-Dichloroethane-d4
Concen: 52.84 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion: 65 Resp: 182621

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	102.6

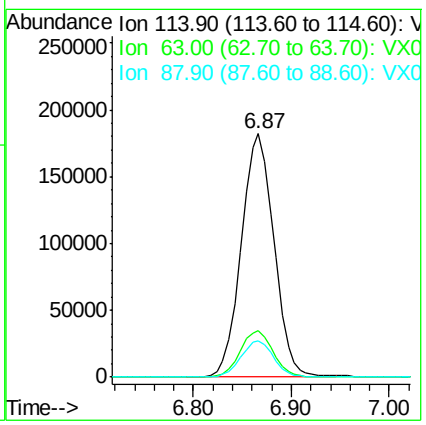


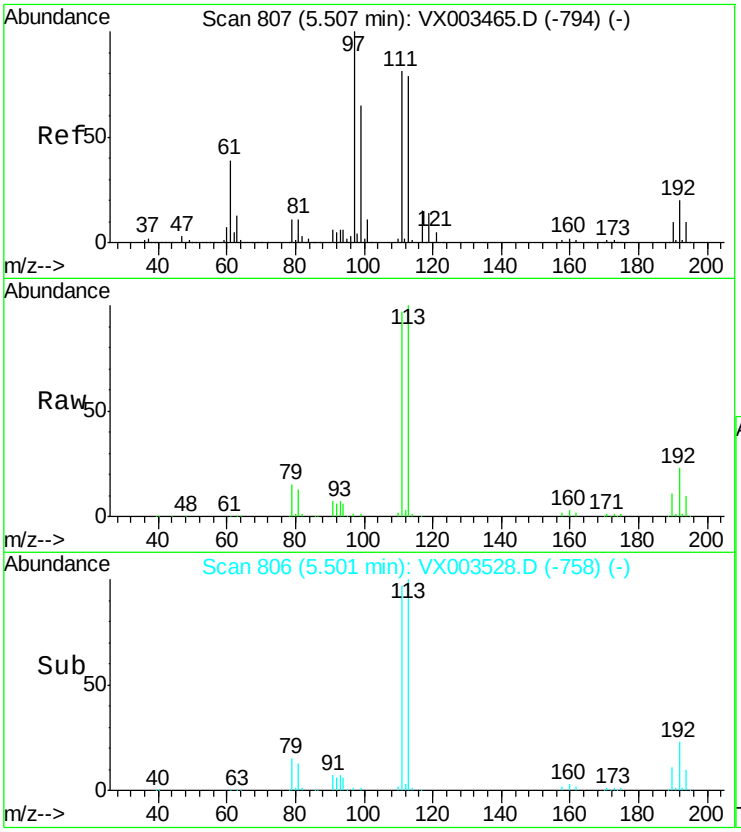


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion:114 Resp: 422264

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.4
88	14.9	0.0	30.0



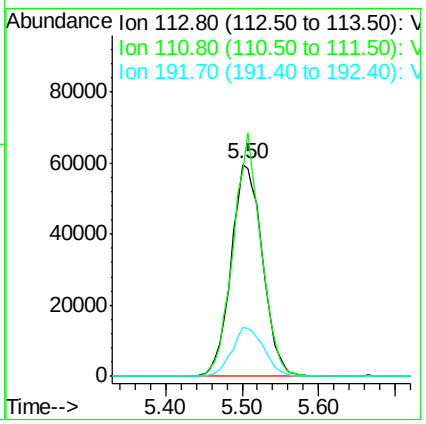


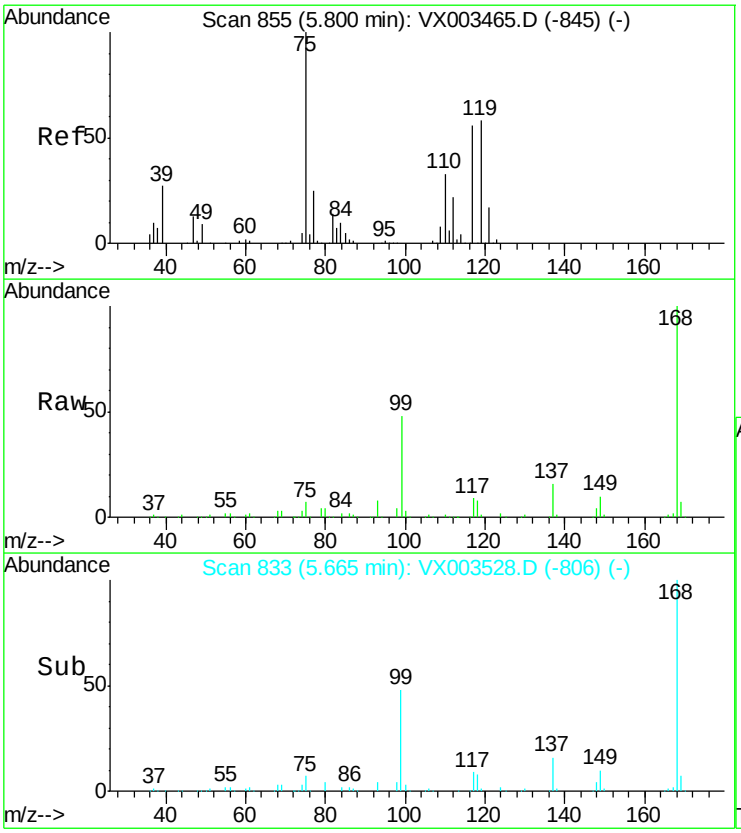
#35
Dibromofluoromethane
Concen: 52.81 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion:113 Resp: 169861

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	23.3	19.1	28.7

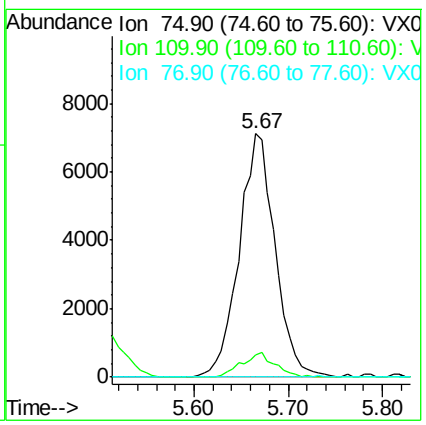


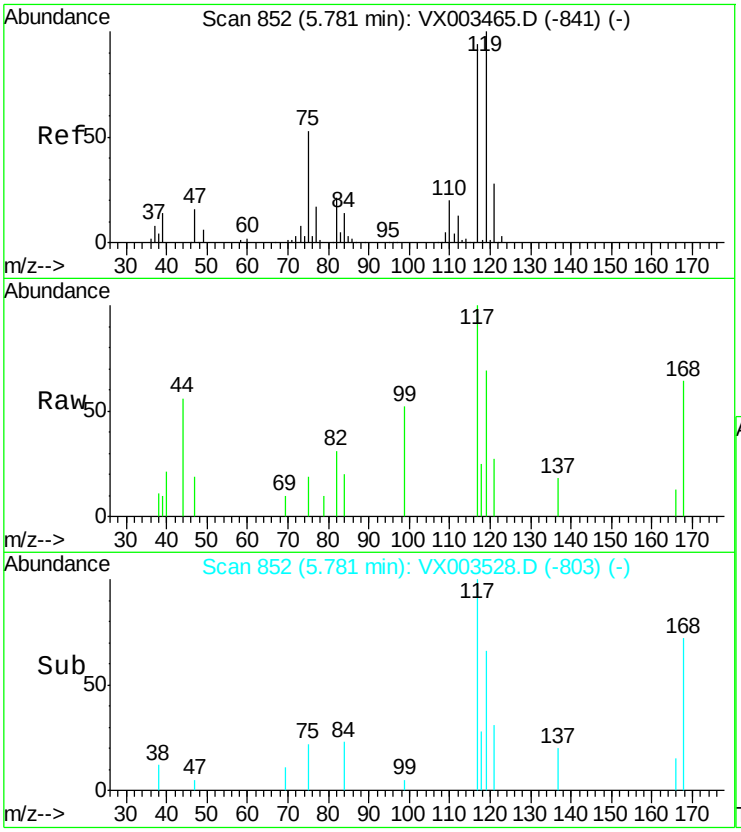


#36
1,1-Dichloropropene
Concen: 4.15 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 75 Resp: 18901

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.0	24.3	36.5#



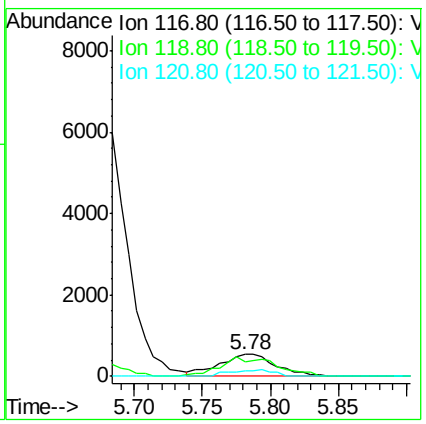


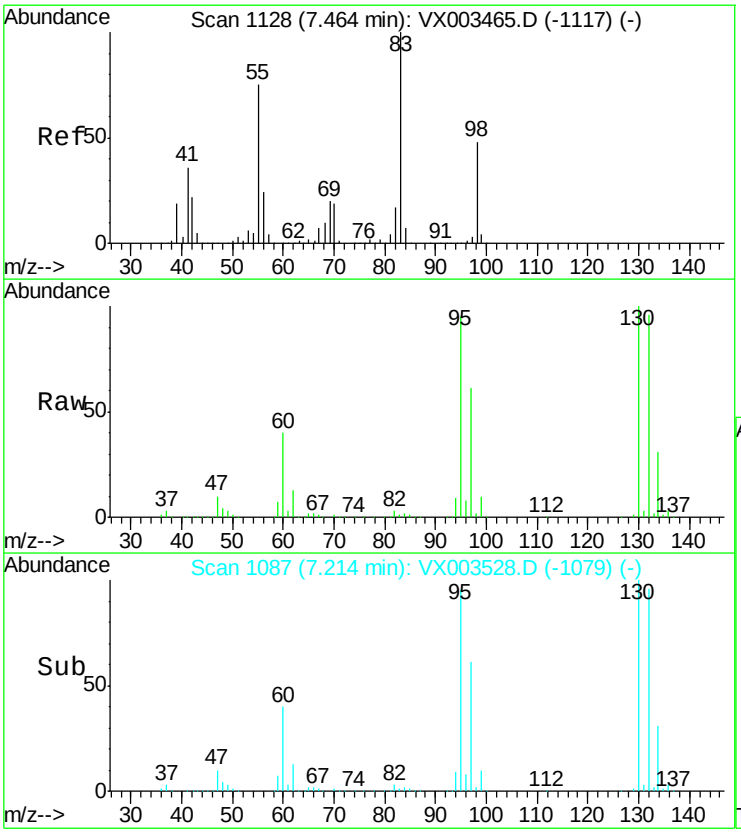
#38
Carbon Tetrachloride
Concen: 0.35 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument : MSVOA_X
ClientSampleId : RE103D1-071218

Tgt Ion:117 Resp: 1571

Ion	Ratio	Lower	Upper
117	100		
119	69.3	77.4	116.0#
121	27.3	24.4	36.6

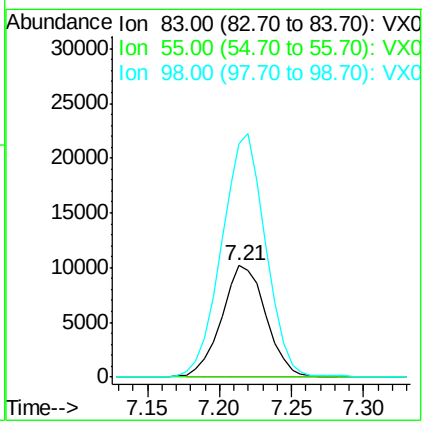


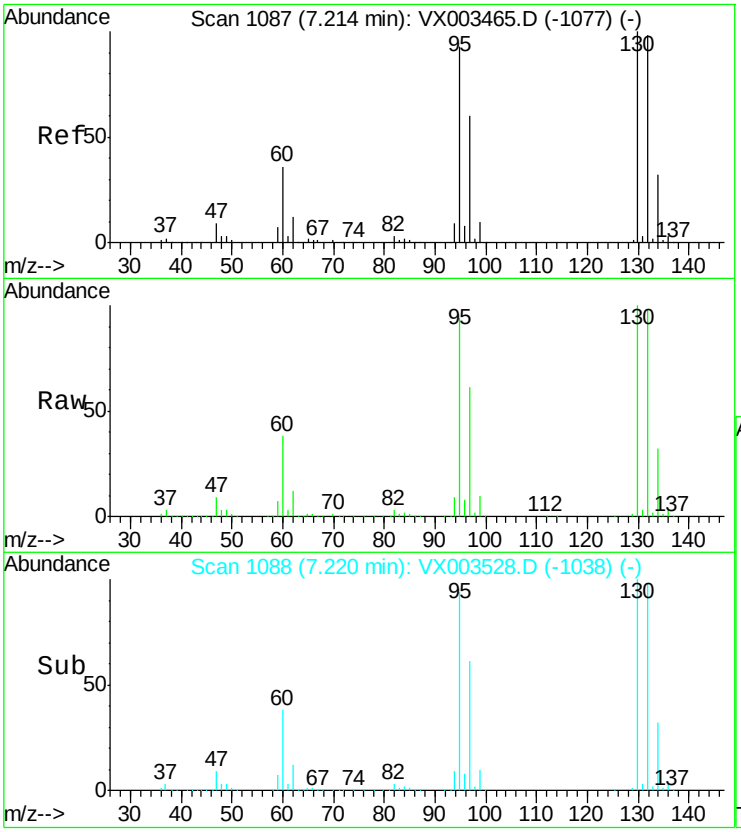


#39
Methylcyclohexane
Concen: 3.98 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.25 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 83 Resp: 21471

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.4	98.0#
98	209.4	37.4	56.0#



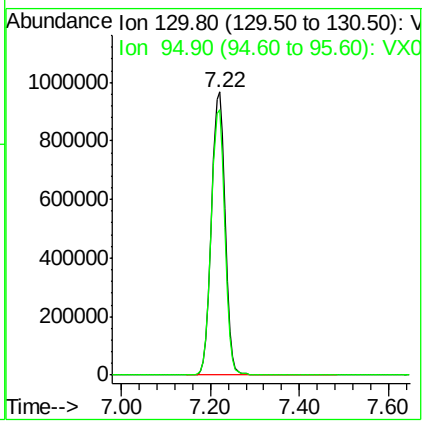


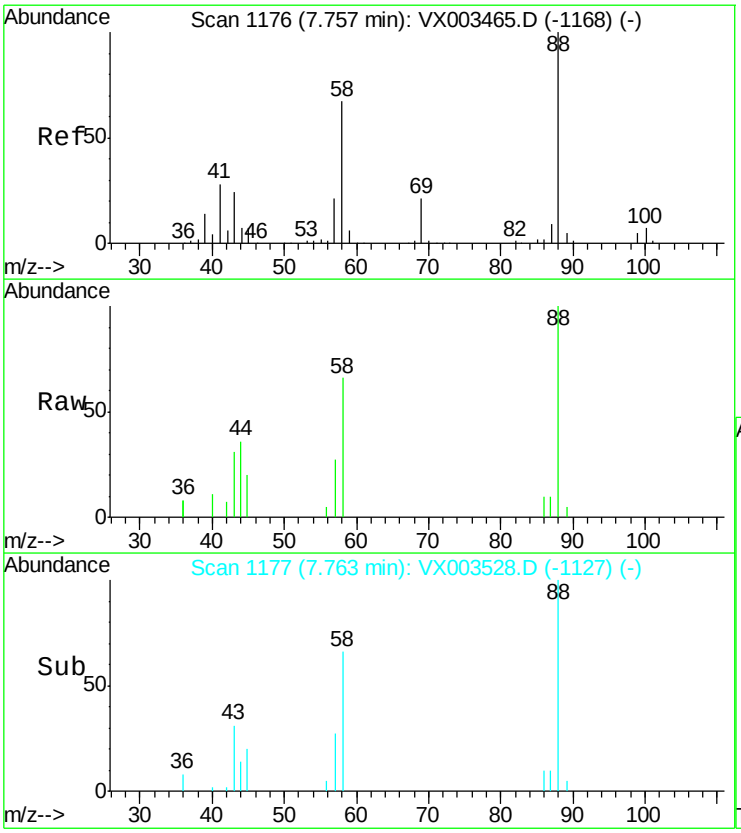
#44
Trichloroethene
Concen: 496.26 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion:130 Resp: 2037169

Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	185.4

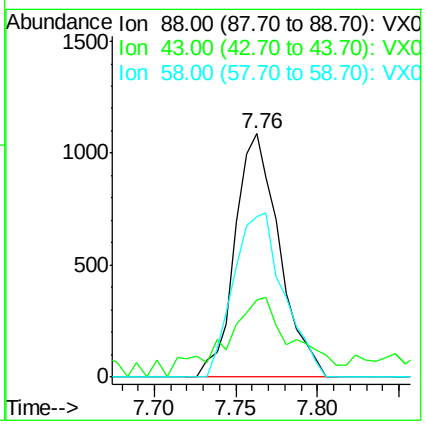


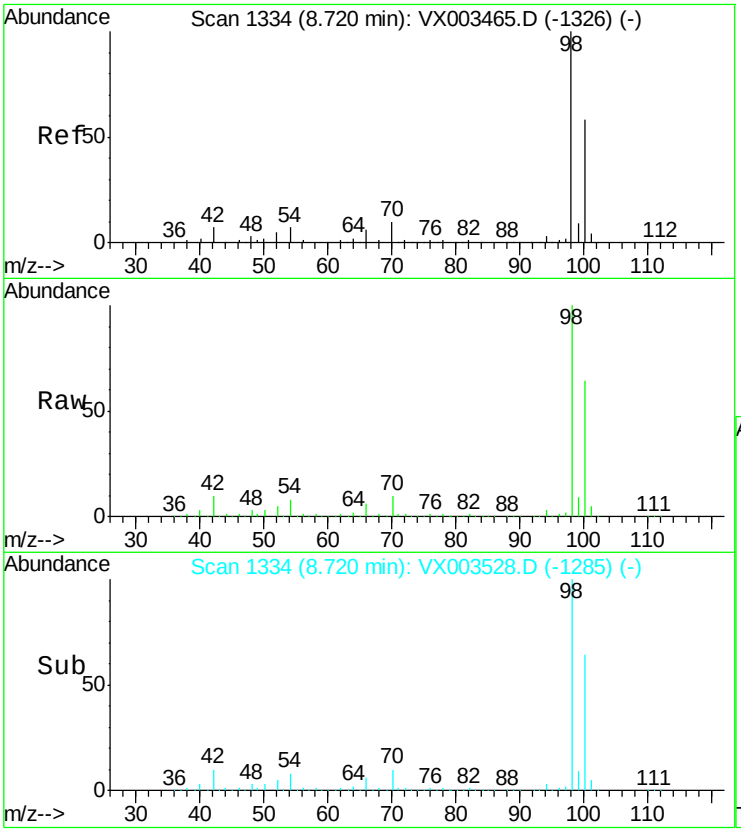


#49
1,4-Dioxane
Concen: 26.25 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 88 Resp: 2058

Ion	Ratio	Lower	Upper
88	100		
43	52.2	29.8	44.6#
58	76.4	57.1	85.7



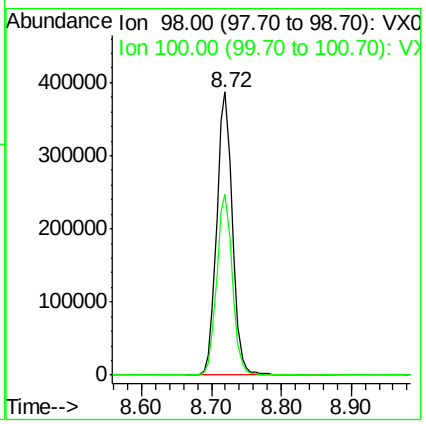


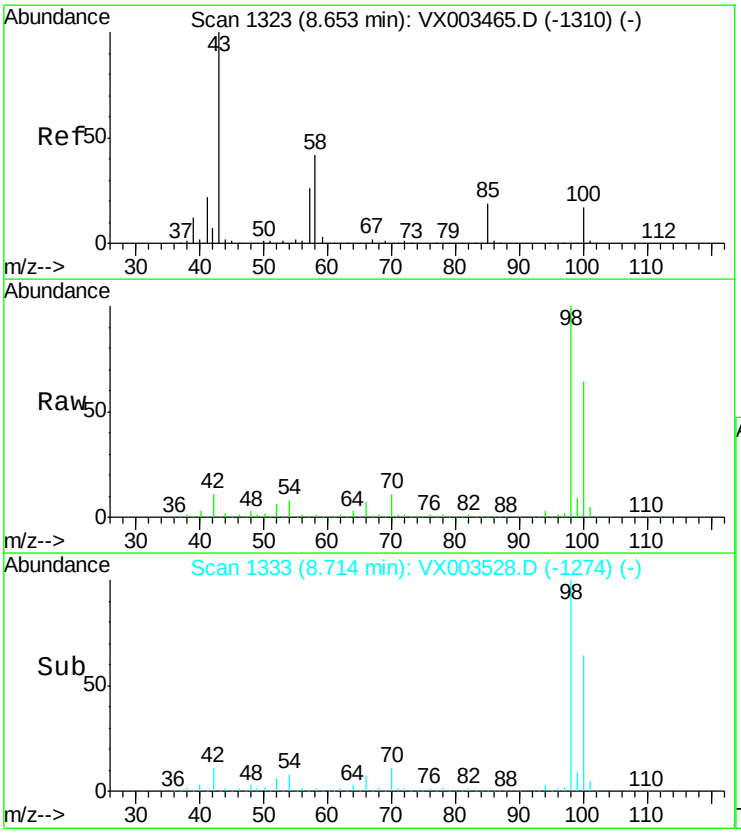
#50
Toluene-d8
Concen: 50.05 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion: 98 Resp: 605071

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3

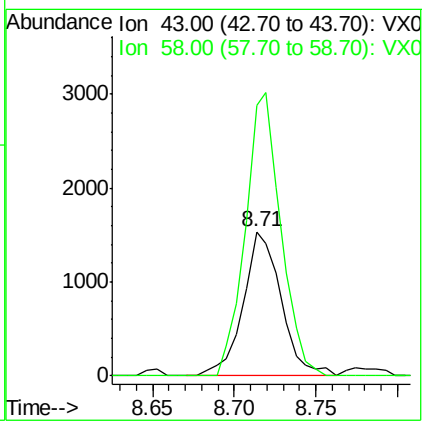


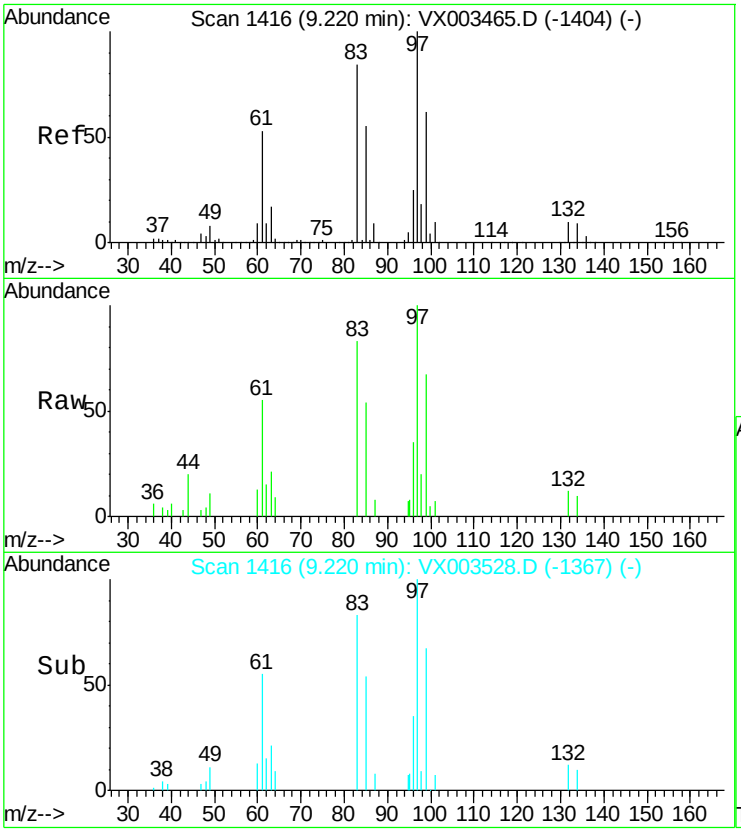


#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.06 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 43 Resp: 2491

Ion	Ratio	Lower	Upper
43	100		
58	183.1	28.6	42.8#



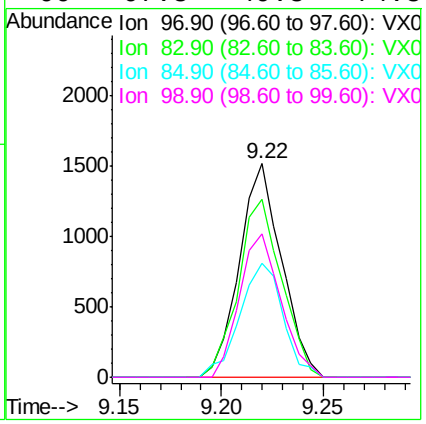


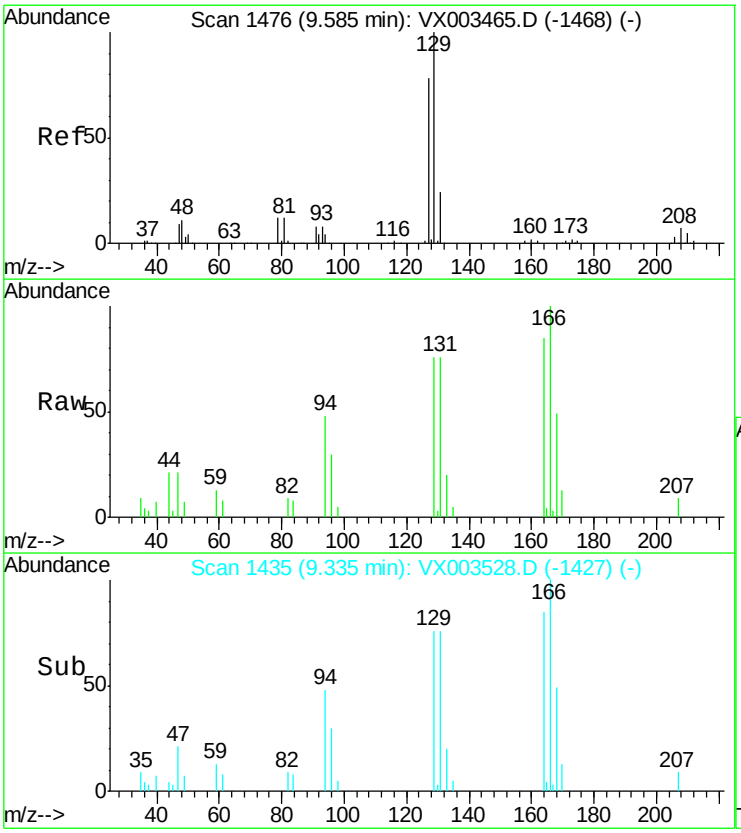
#55
1,1,2-Trichloroethane
Concen: 0.63 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion: 97 Resp: 2180

Ion	Ratio	Lower	Upper
97	100		
83	83.4	70.2	105.2
85	53.6	44.9	67.3
99	67.3	49.8	74.8

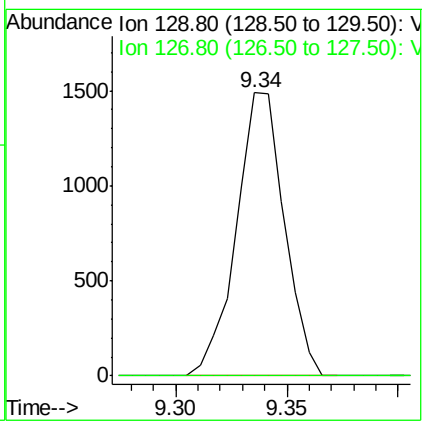


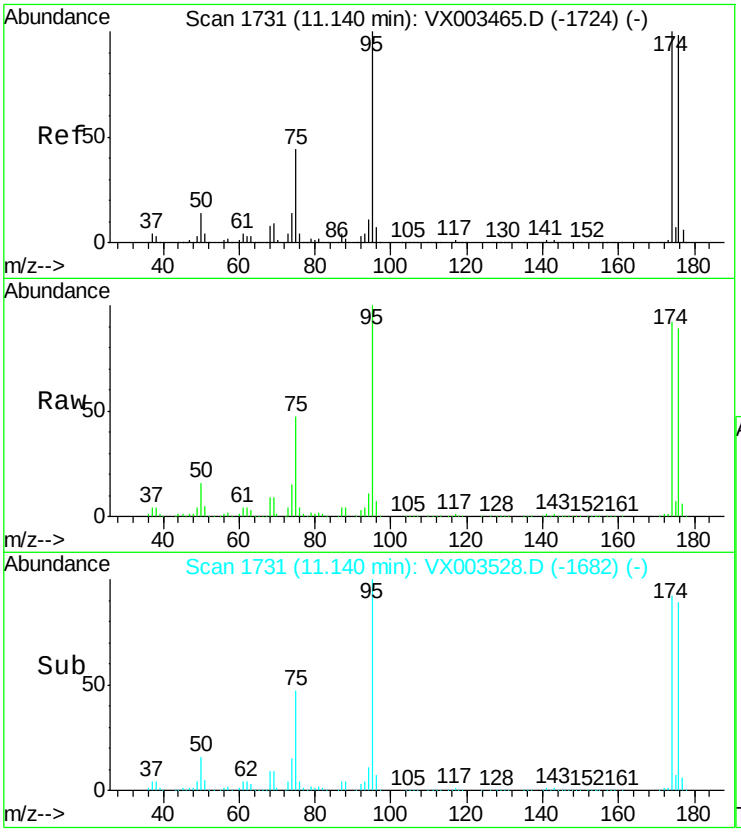


#60
Dibromochloromethane
Concen: 0.66 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion:129 Resp: 2240

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



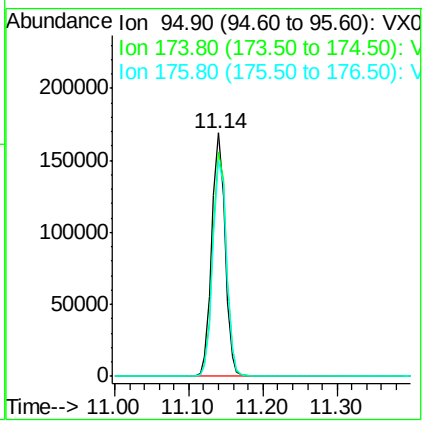


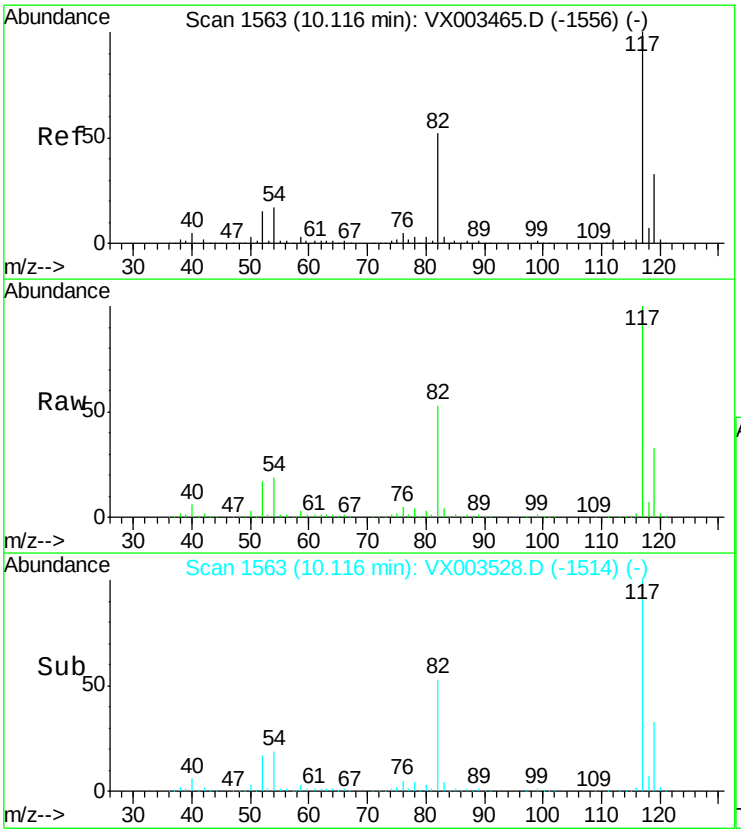
#62
4-Bromofluorobenzene
Concen: 46.77 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion: 95 Resp: 206335

Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	187.4
176	91.4	0.0	181.0

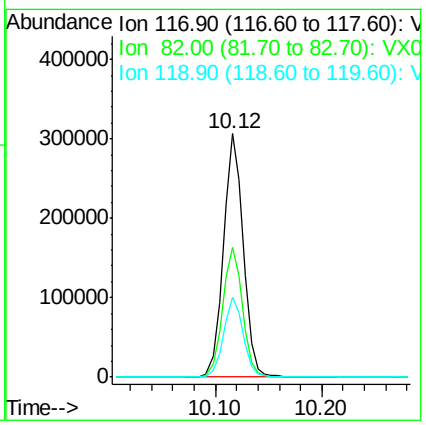


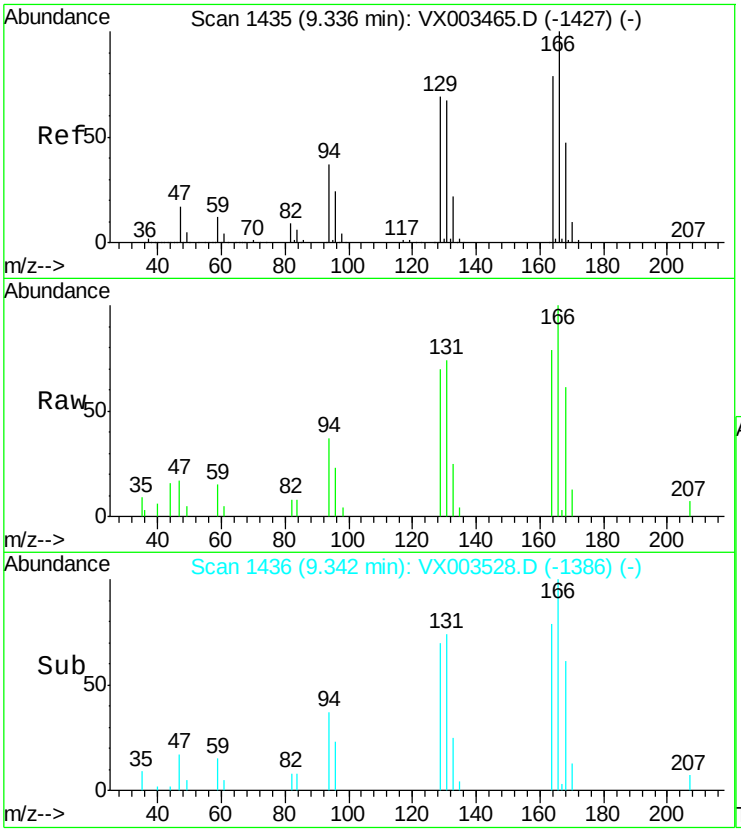


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion:117 Resp: 399484

Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.0	67.4
119	32.8	25.8	38.6



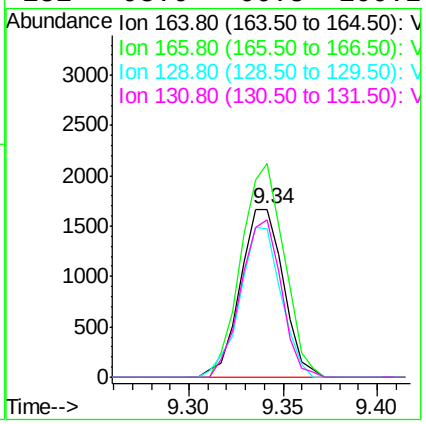


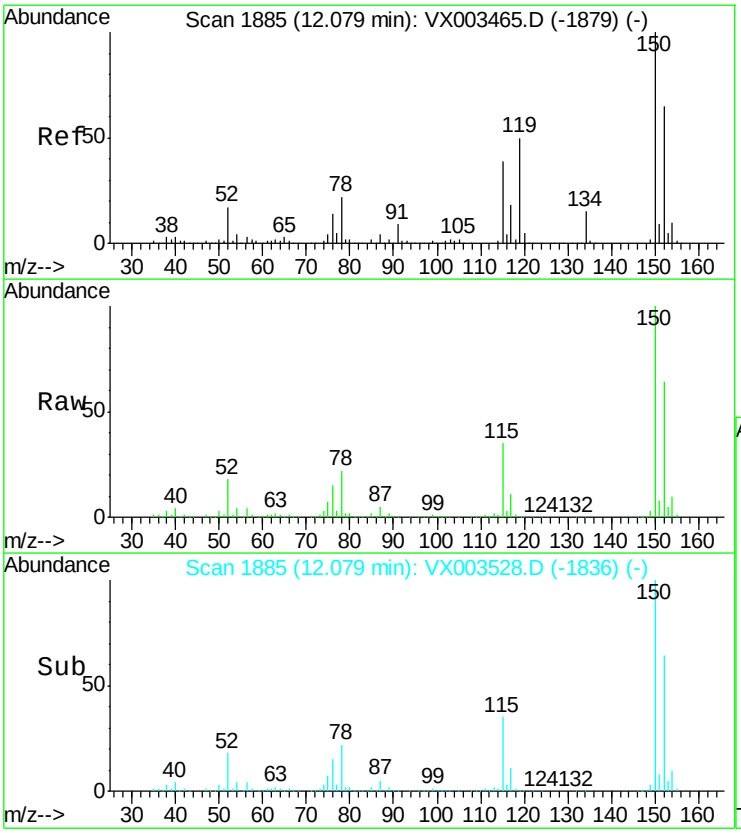
#64
Tetrachloroethene
Concen: 0.54 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion:164 Resp: 2643

Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.9	154.3
129	88.8	68.6	102.8
131	93.6	66.8	100.2

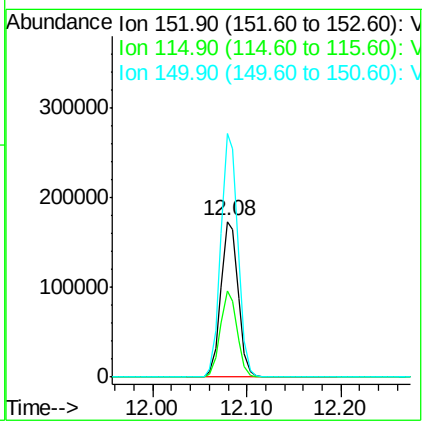


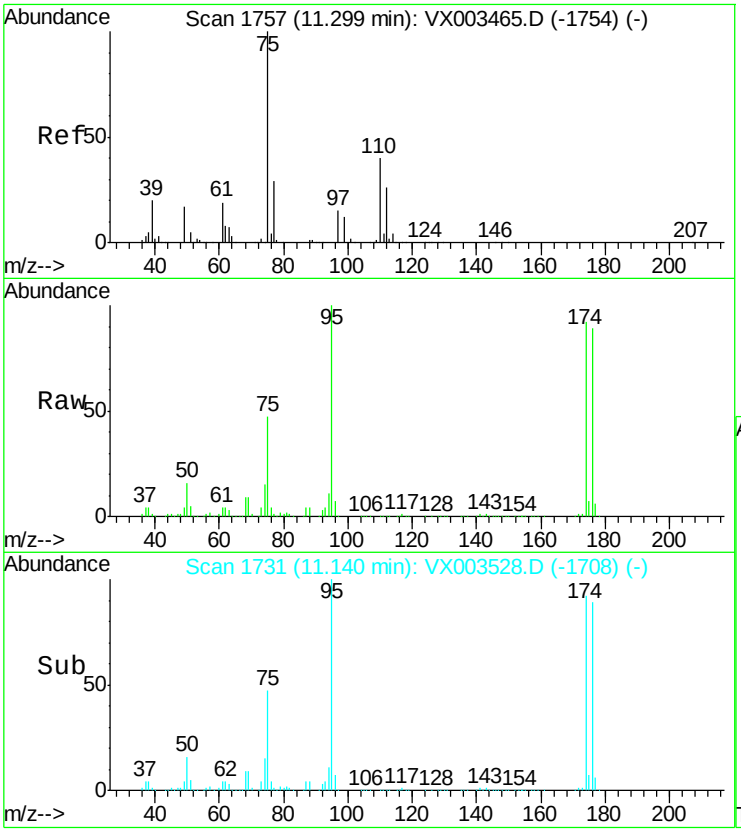


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion:152 Resp: 219428

Ion	Ratio	Lower	Upper
152	100		
115	53.9	40.1	120.2
150	155.1	0.0	347.2



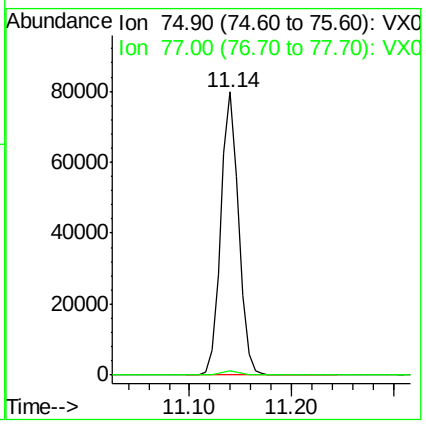


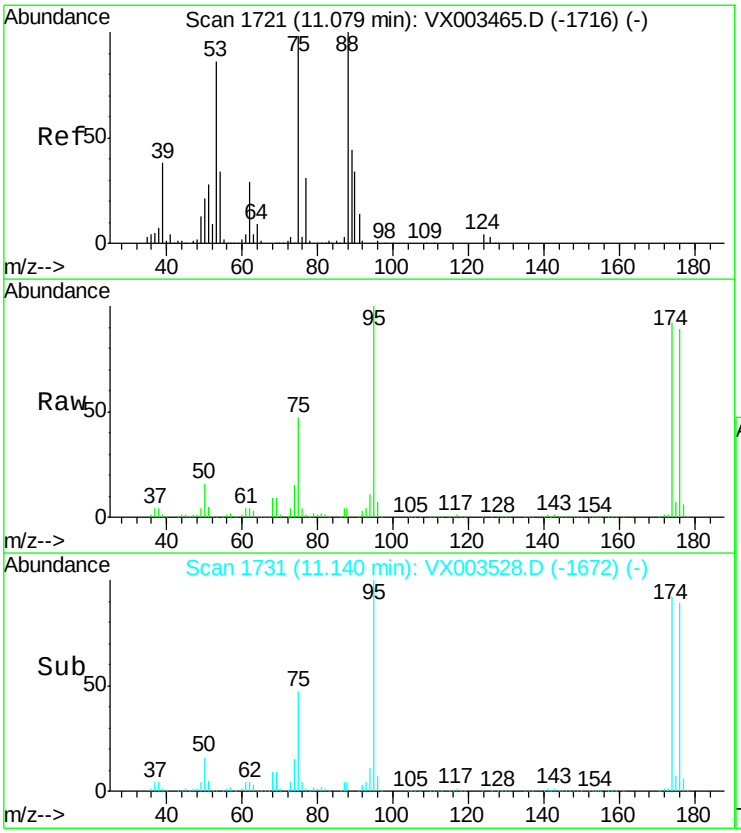
#76
1,2,3-Trichloropropane
Concen: 24.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tgt Ion: 75 Resp: 97532

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.31 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 75 Resp: 97532

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.8	130.2#
89	0.0	38.2	57.2#