Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003385.D
Acq On : 14 Jul 2018 02:00
Operator : JC/MD
Sample : J3980-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-E-MH-D

Quant Time: Jul 14 03:43:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	269809	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	403597	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	402255	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206844	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	181976	61.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 123.98%				
35) Dibromofluoromethane	5.50	113	156780	52.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.56%				
50) Toluene-d8	8.72	98	588018	60.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 121.42%				
62) 4-Bromofluorobenzene	11.14	95	199828	48.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.62%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	55	Below Cal		#	43
3) Chloromethane	1.33	50	909	Below Cal		#	77
6) Chloroethane	1.72	64	73	Below Cal		#	43
10) Methyl Iodide	2.51	142	1196	0.37	ug/l		94
11) Tert butyl alcohol	3.06	59	424	0.54	ug/l		98
13) Acrolein	2.29	56	178	Below Cal		#	33
16) Acetone	2.45	43	14159	9.35	ug/l		97
18) Methyl Acetate	2.78	43	8026	1.71	ug/l		96
20) Methylene Chloride	2.86	84	21293	5.43	ug/l		93
25) 2-Butanone	4.71	43	2455	1.05	ug/l		95
29) Tetrahydrofuran	5.17	42	984	0.66	ug/l	#	49
30) Chloroform	5.22	83	1712	0.29	ug/l		94
31) Cyclohexane	5.67	56	4850	1.05	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	17906	4.18	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	24287	5.56	ug/l	#	15
43) Isopropyl Acetate	6.47	43	109977	14.94	ug/l		96
48) Methyl methacrylate	7.69	41	5340	1.42	ug/l	#	24
51) 4-Methyl-2-Pentanone	8.63	43	3857	0.80	ug/l	#	48
53) t-1,3-Dichloropropene	8.63	75	1185	0.23	ug/l	#	43
59) 2-Hexanone	9.55	43	11846	3.34	ug/l	#	62
74) N-amyl acetate	6.47	43	109977	16.59	ug/l	#	96
76) 1,2,3-Trichloropropane	11.14	75	97977	23.98	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	97977	79.94	ug/l	#	7
90) Hexachloroethane	12.48	117	887	0.47	ug/l	#	1
95) Naphthalene	13.83	128	215630	14.89	ug/l		100

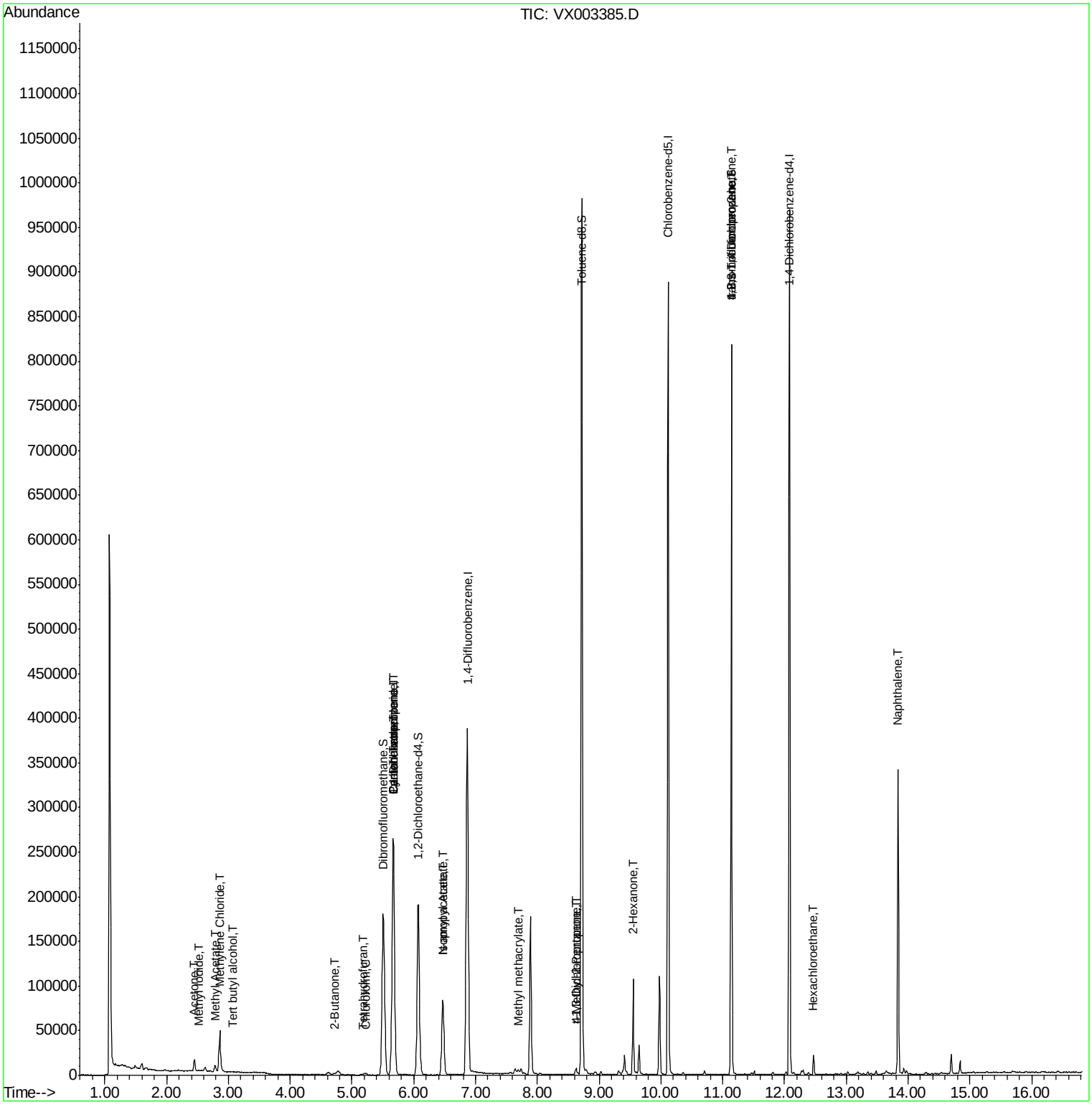
(#) = qualifier out of range (m) = manual integration (+) = signals summed

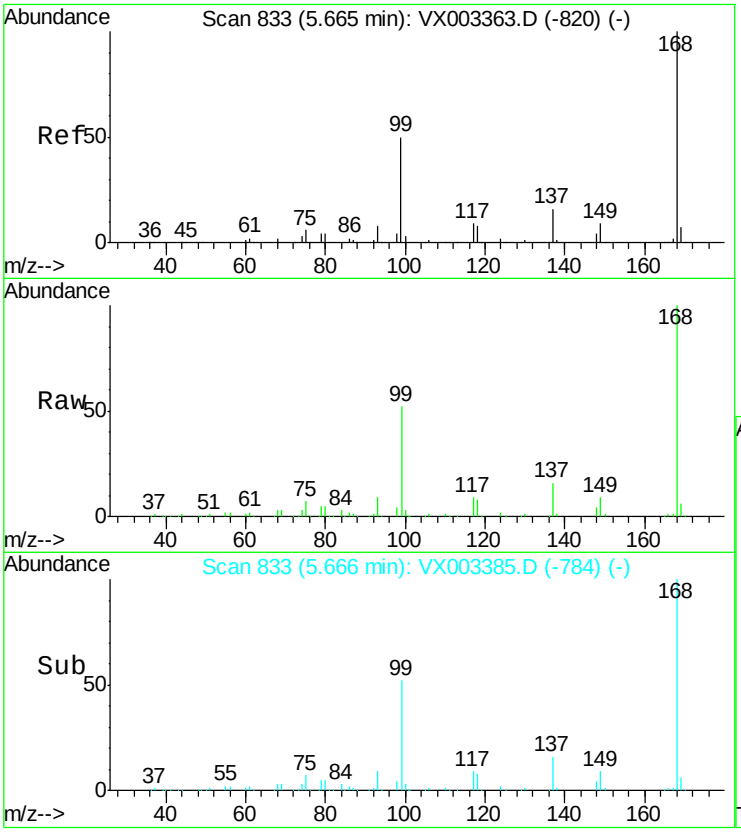
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
Data File : VX003385.D
Acq On : 14 Jul 2018 02:00
Operator : JC/MD
Sample : J3980-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-E-MH-D

Quant Time: Jul 14 03:43:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration



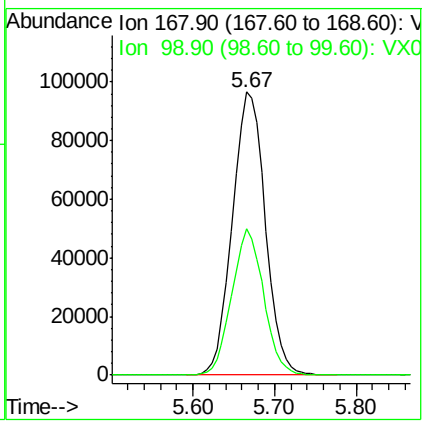


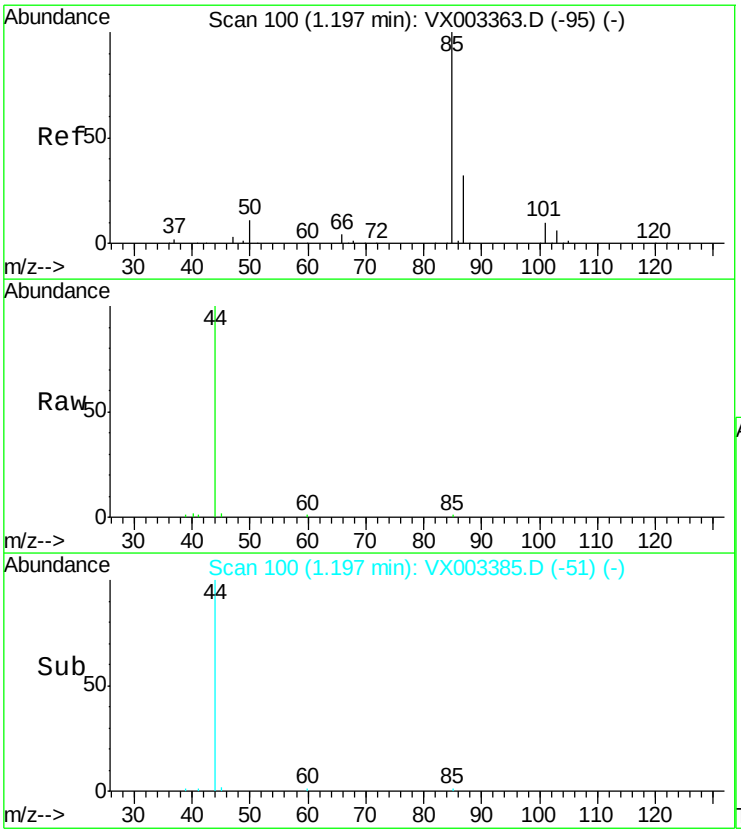
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :
TP-E-MH-D

Tgt Ion:168 Resp: 269809

Ion	Ratio	Lower	Upper
168	100		
99	51.8	39.3	58.9

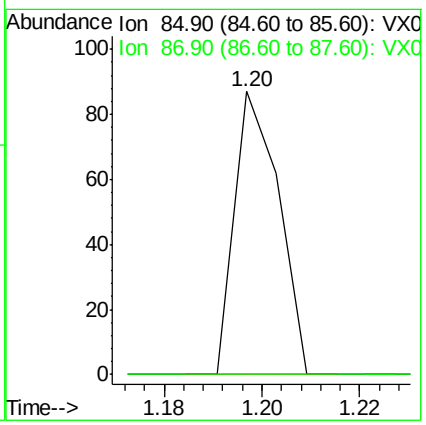


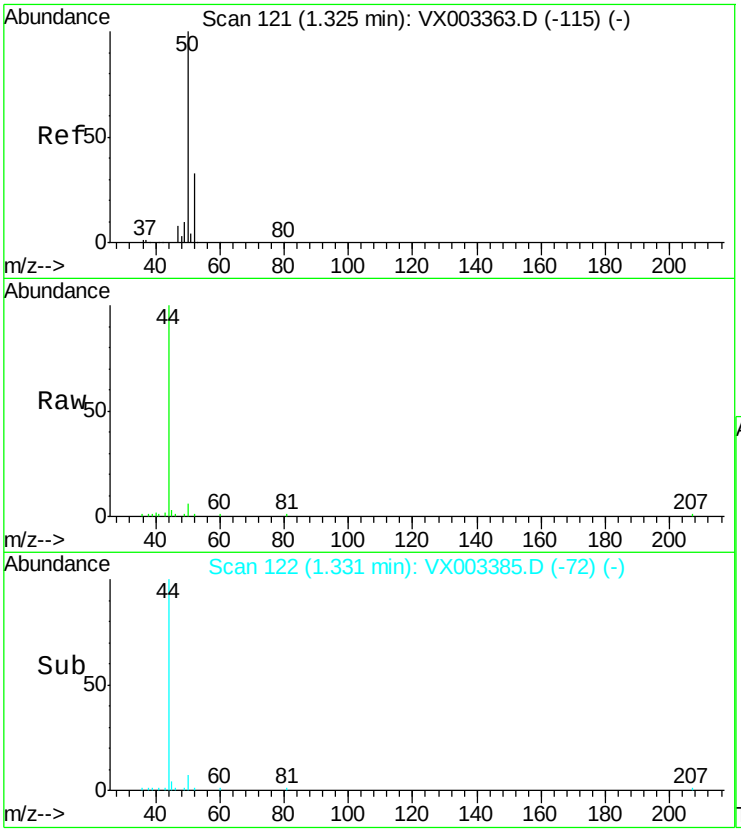


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 85 Resp: 55

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



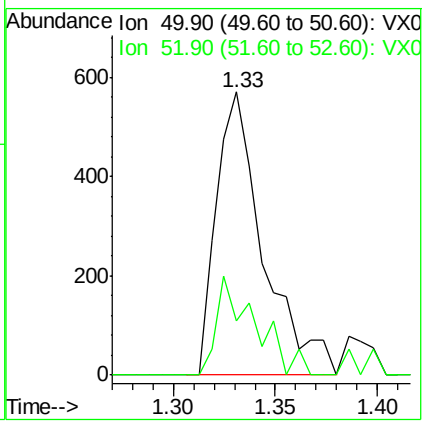


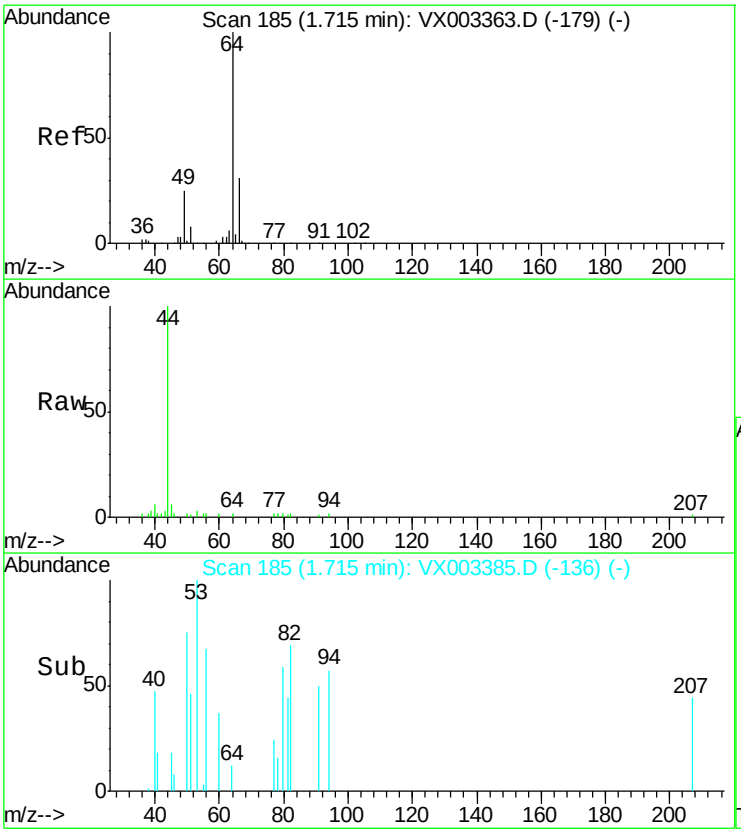
#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :
TP-E-MH-D

Tgt Ion: 50 Resp: 909

Ion	Ratio	Lower	Upper
50	100		
52	19.3	25.7	38.5#

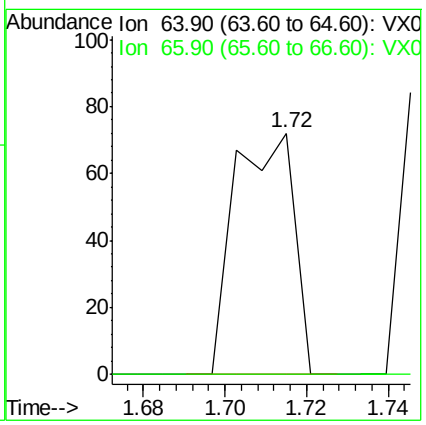


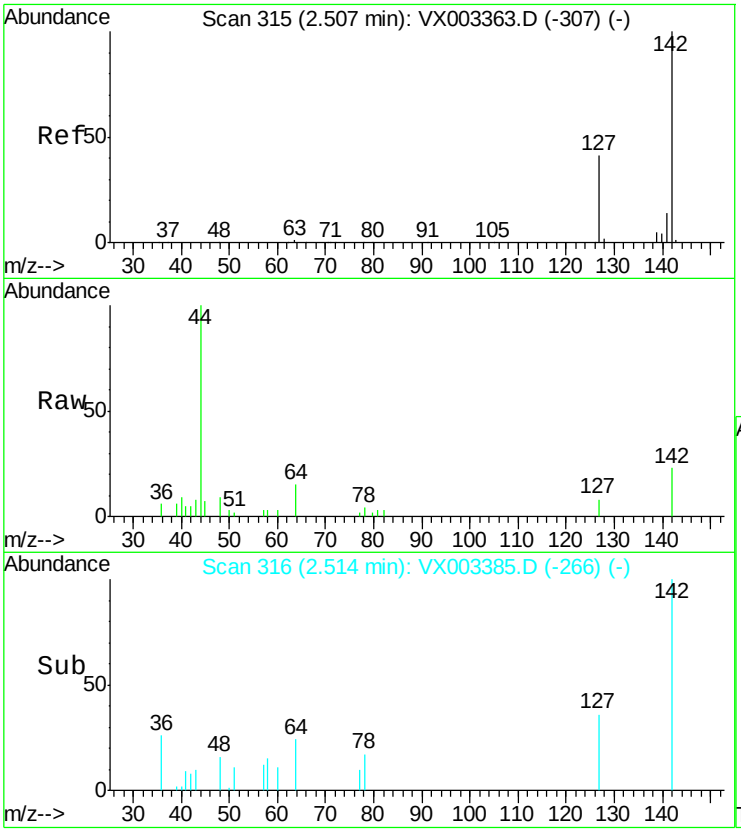


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 185
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 64 Resp: 73

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



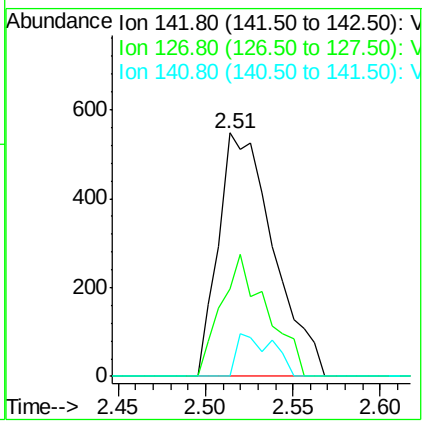


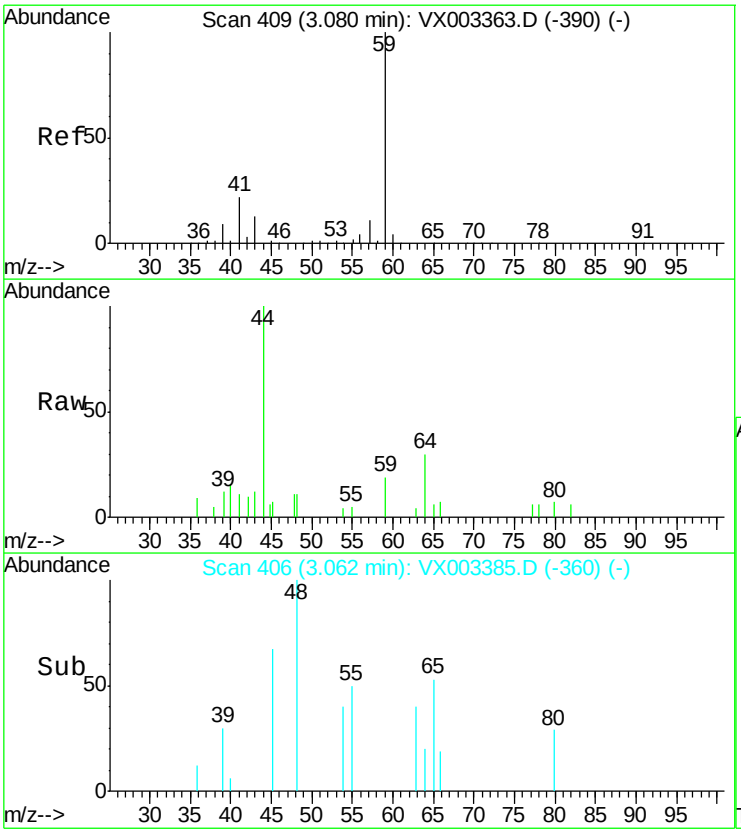
#10
Methyl Iodide
Concen: 0.37 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument : MSVOA_X
ClientSampleId : TP-E-MH-D

Tgt Ion:142 Resp: 1196

Ion	Ratio	Lower	Upper
142	100		
127	42.0	36.6	55.0
141	11.5	11.3	16.9

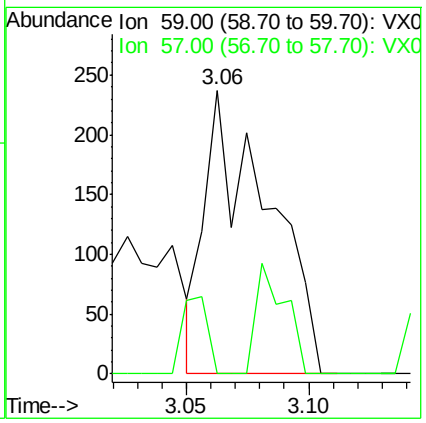


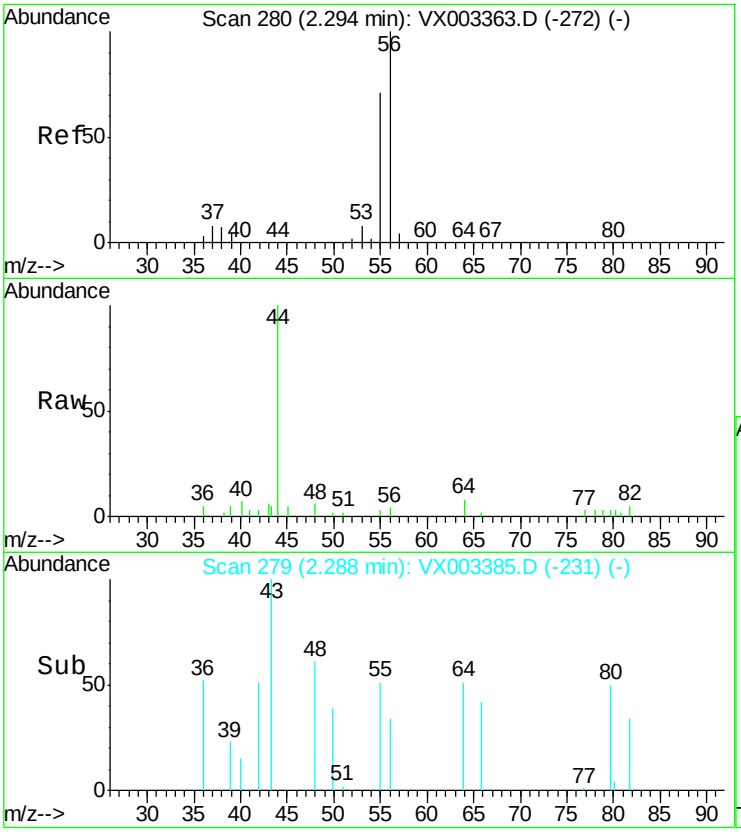


#11
Tert butyl alcohol
Concen: 0.54 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 59 Resp: 424

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.2



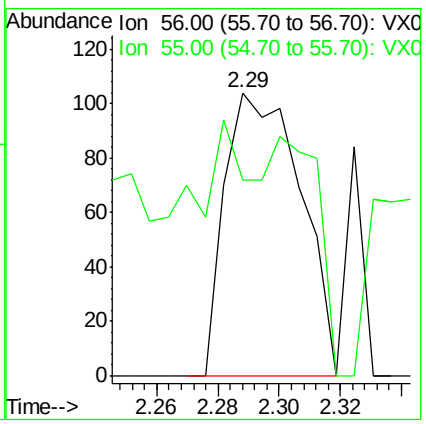


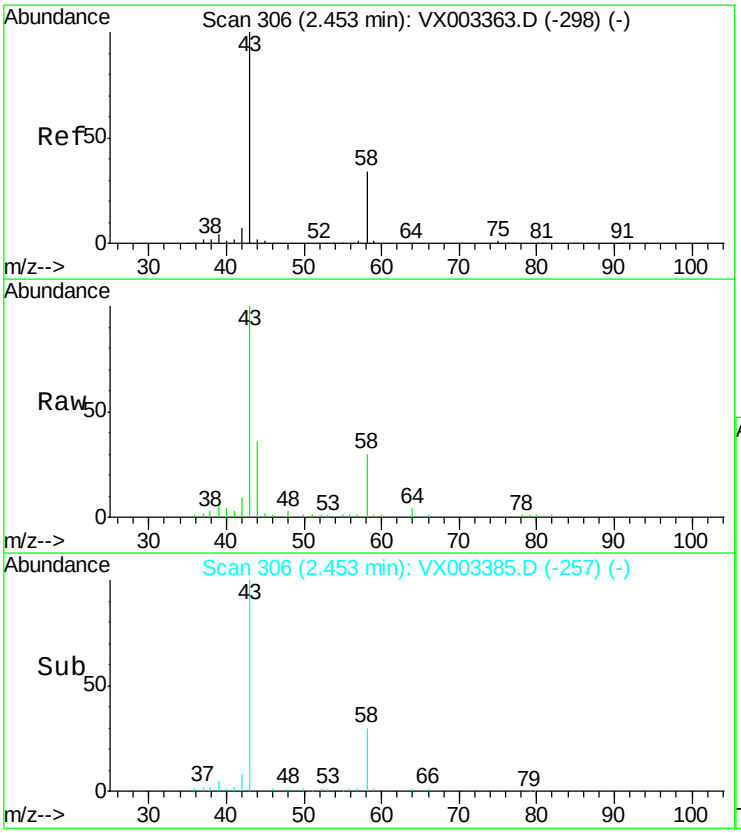
#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument : MSVOA_X
ClientSampleId : TP-E-MH-D

Tgt Ion: 56 Resp: 178

Ion	Ratio	Lower	Upper
56	100		
55	15.7	57.0	85.4#

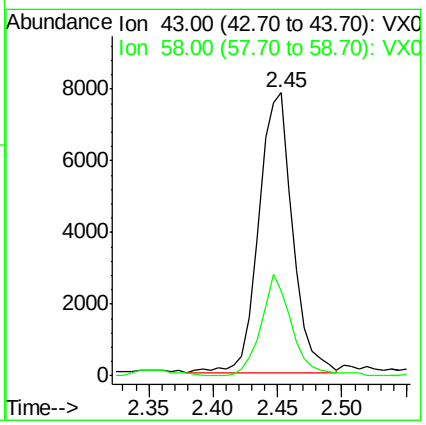


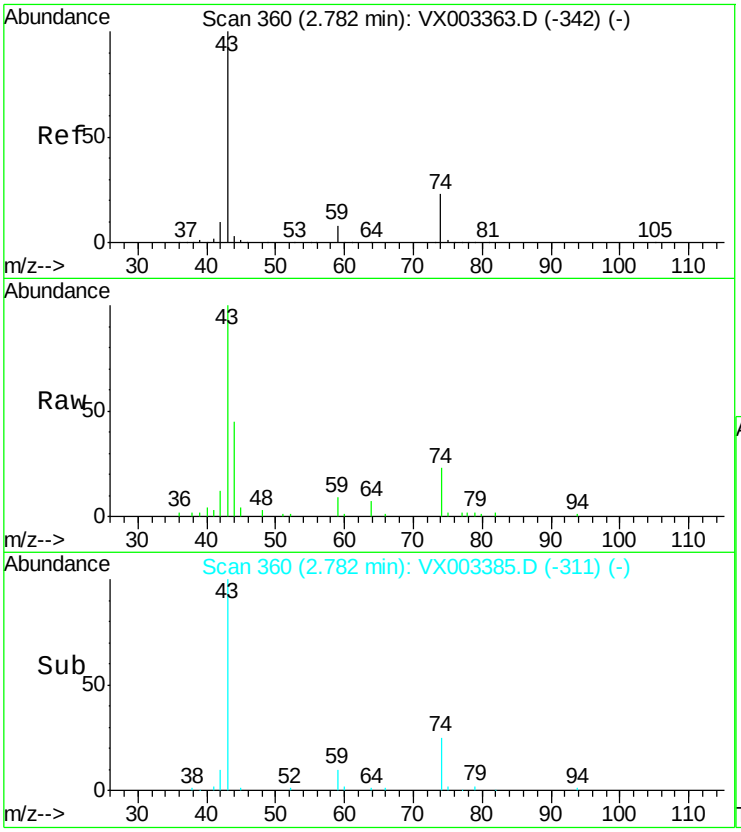


#16
Acetone
Concen: 9.35 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 43 Resp: 14159

Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.1	33.1



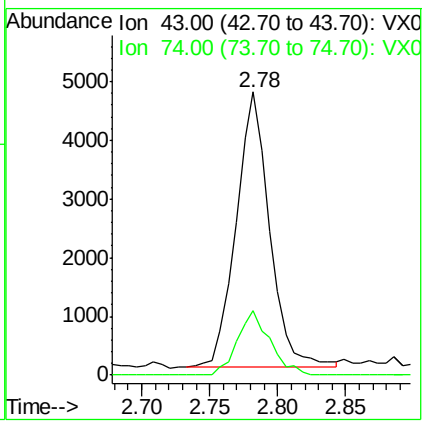


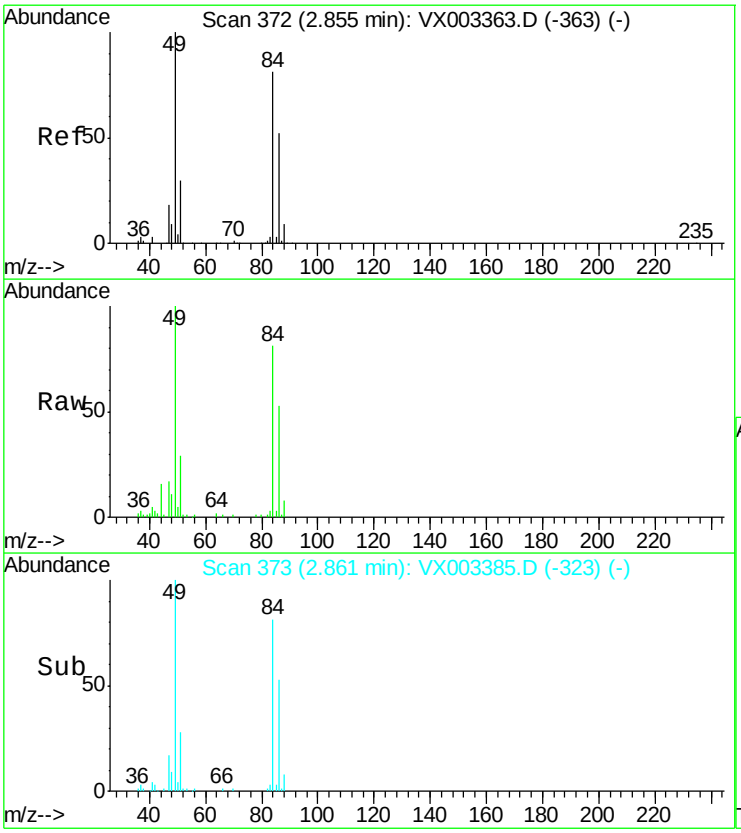
#18
Methyl Acetate
Concen: 1.71 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument : MSVOA_X
ClientSampleId : TP-E-MH-D

Tgt Ion: 43 Resp: 8026

Ion	Ratio	Lower	Upper
43	100		
74	22.9	16.7	25.1

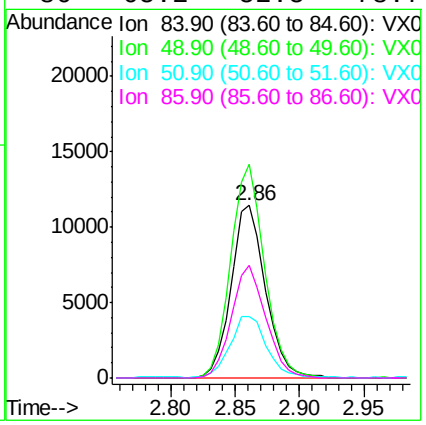


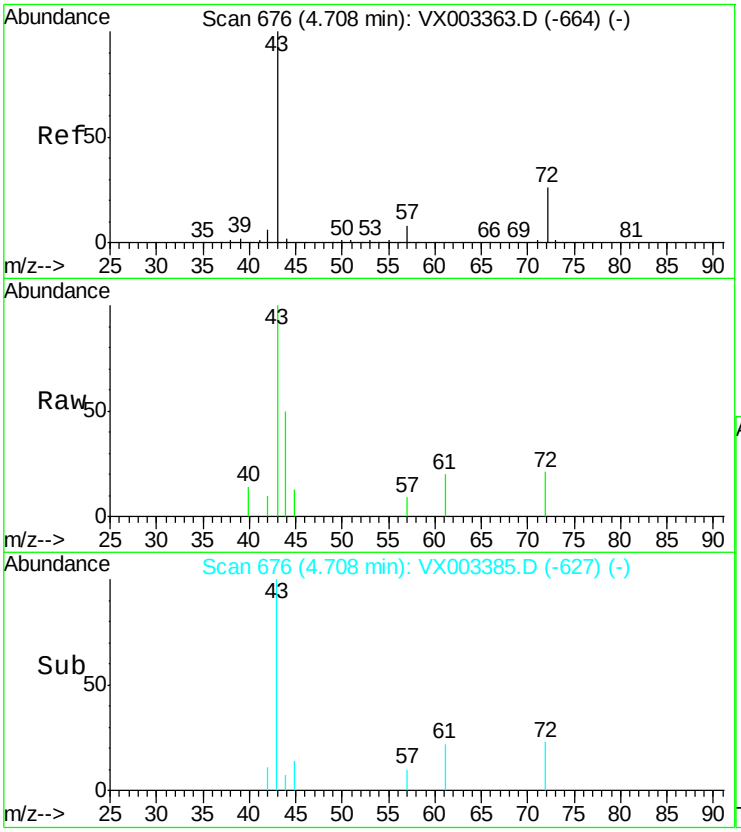


#20
Methylene Chloride
Concen: 5.43 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 84 Resp: 21293

Ion	Ratio	Lower	Upper
84	100		
49	123.8	107.8	161.6
51	35.5	32.8	49.2
86	65.2	52.5	78.7



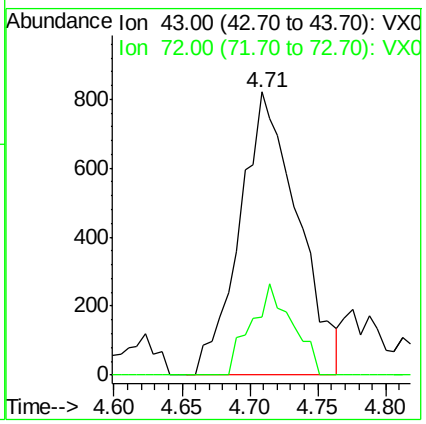


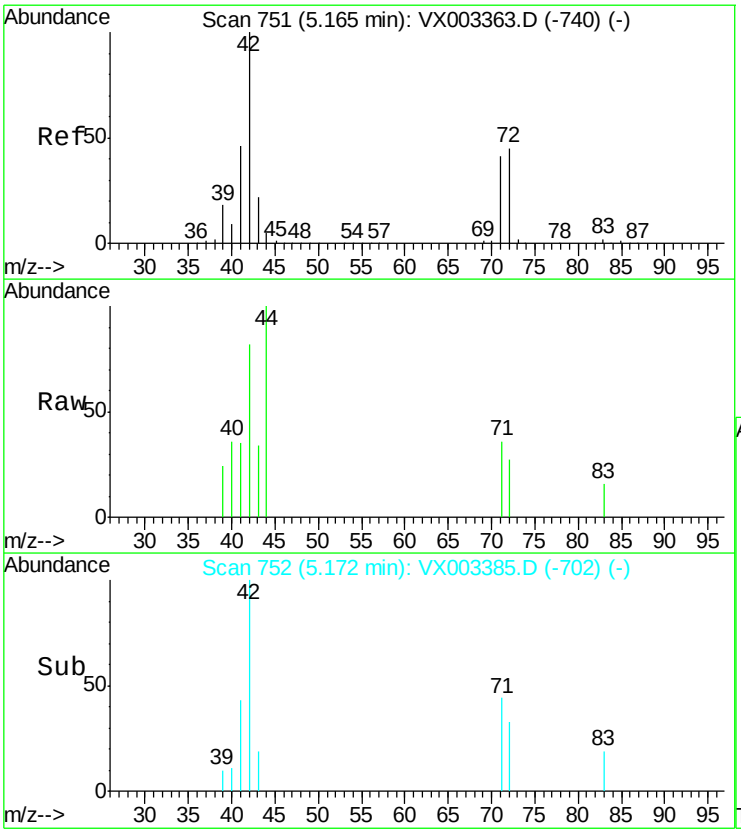
#25
2-Butanone
Concen: 1.05 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :
TP-E-MH-D

Tgt Ion: 43 Resp: 2455

Ion	Ratio	Lower	Upper
43	100		
72	20.6	18.5	27.7

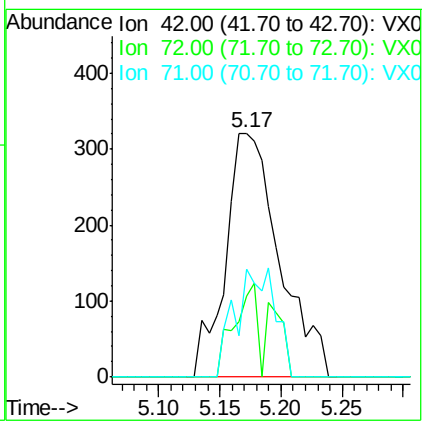


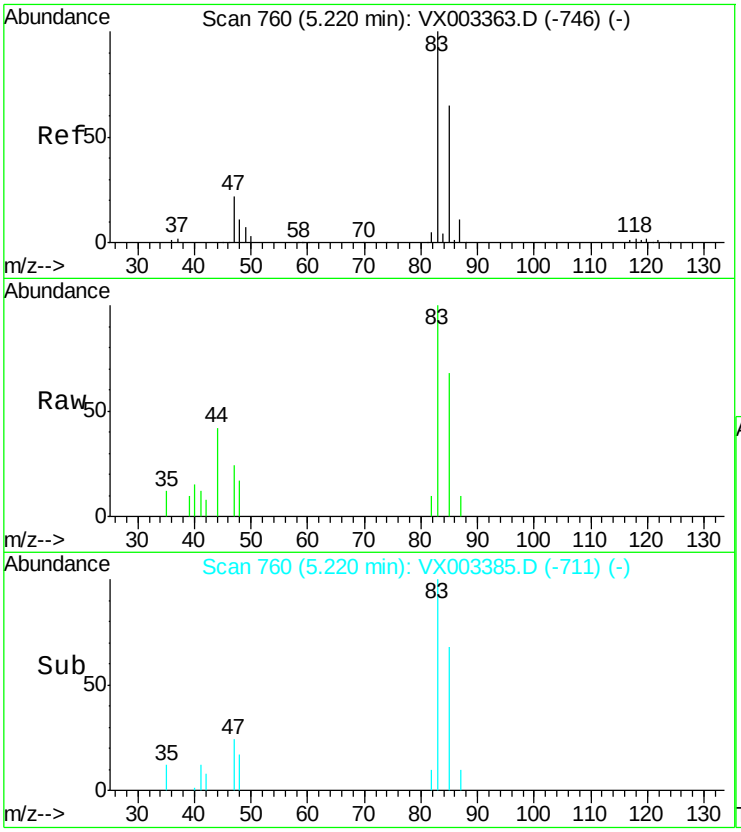


#29
Tetrahydrofuran
Concen: 0.66 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 42 Resp: 984

Ion	Ratio	Lower	Upper
42	100		
72	15.9	32.0	48.0#
71	0.0	30.1	45.1#



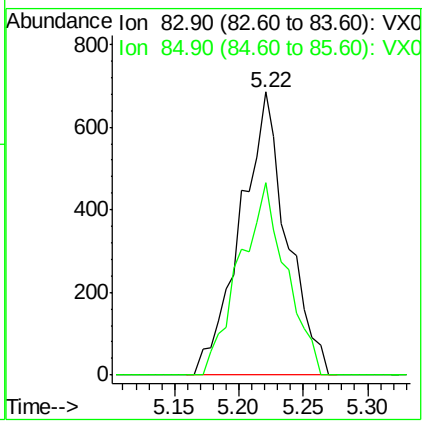


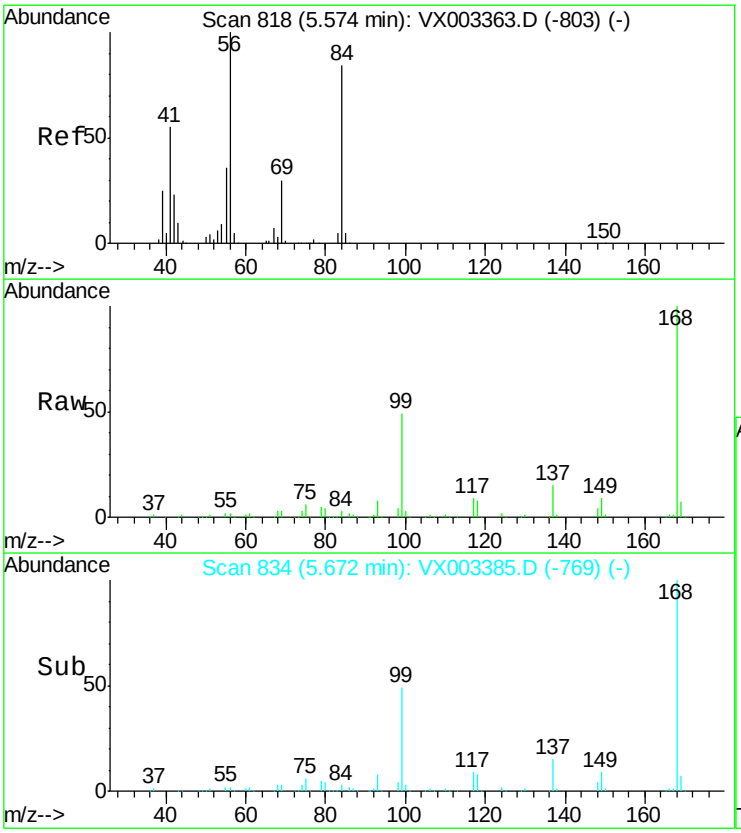
#30
Chloroform
Concen: 0.29 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :
TP-E-MH-D

Tgt Ion: 83 Resp: 1712

Ion	Ratio	Lower	Upper
83	100		
85	67.9	50.4	75.6

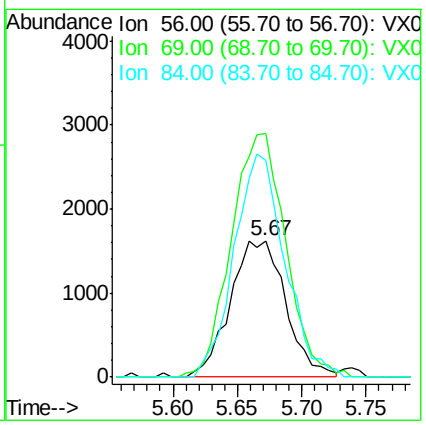


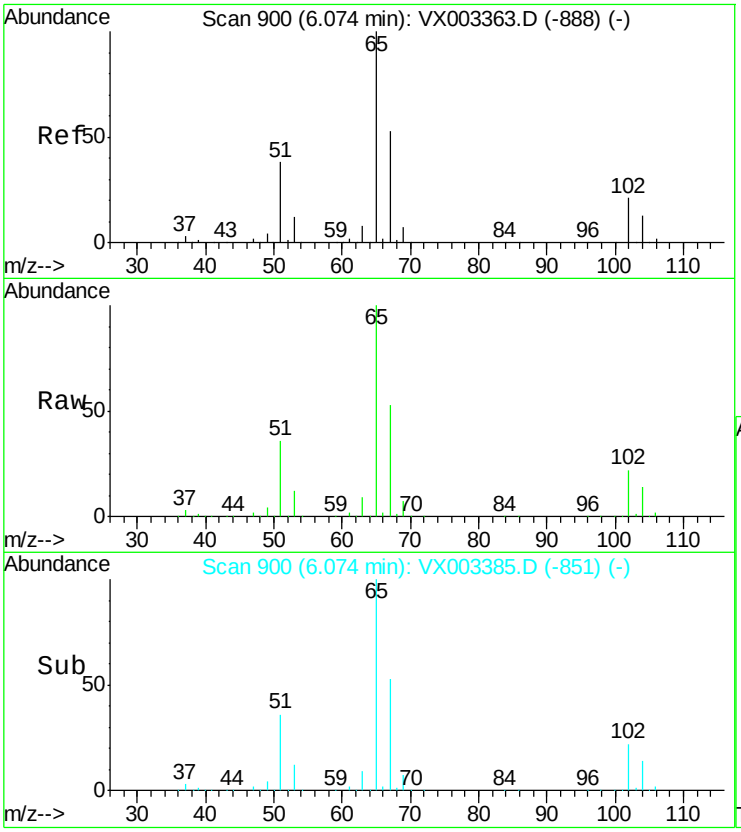


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.10 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 56 Resp: 4850

Ion	Ratio	Lower	Upper
56	100		
69	175.0	23.7	35.5#
84	158.3	64.1	96.1#



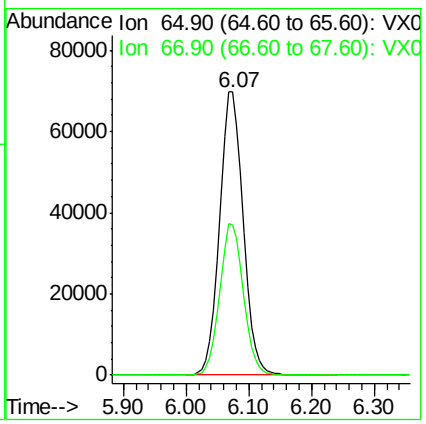


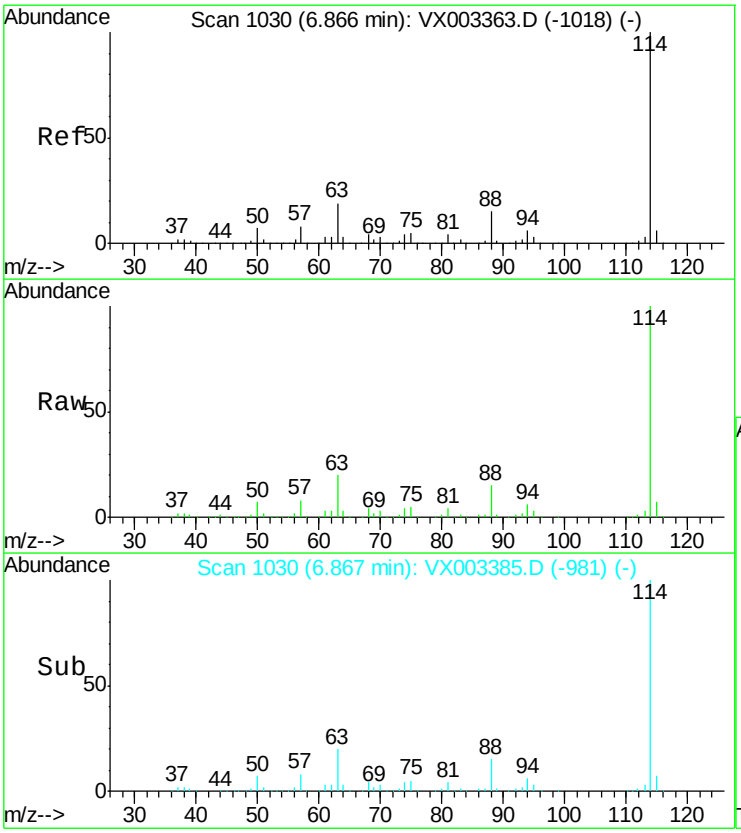
#33
1,2-Dichloroethane-d4
Concen: 61.99 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :
TP-E-MH-D

Tgt Ion: 65 Resp: 181976

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	102.6

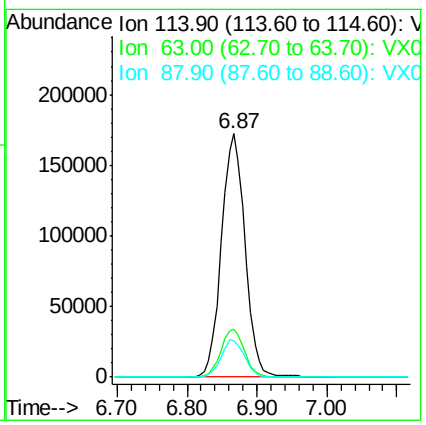


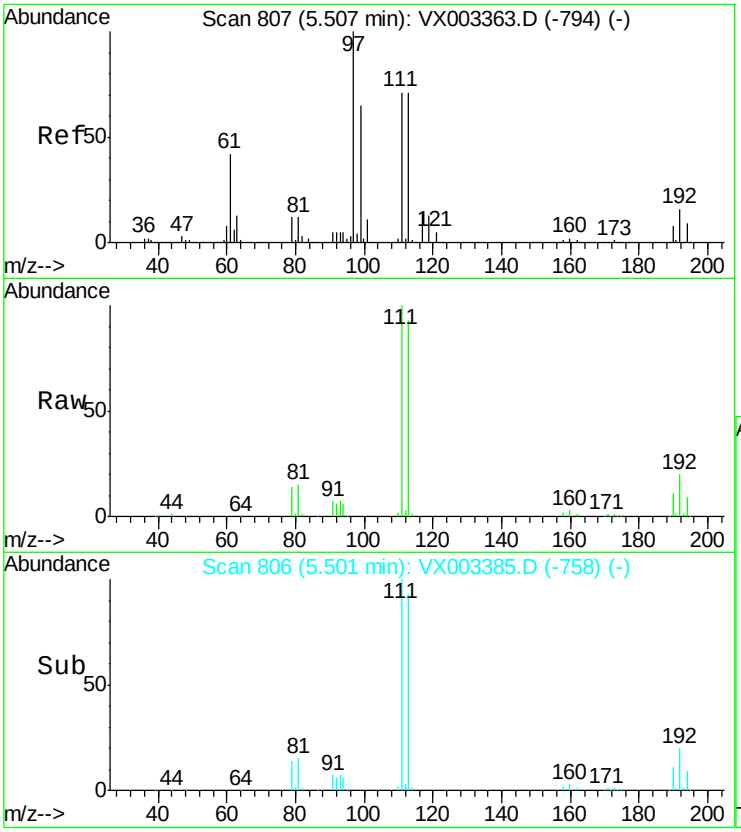


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion:114 Resp: 403597

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.4
88	14.8	0.0	30.0



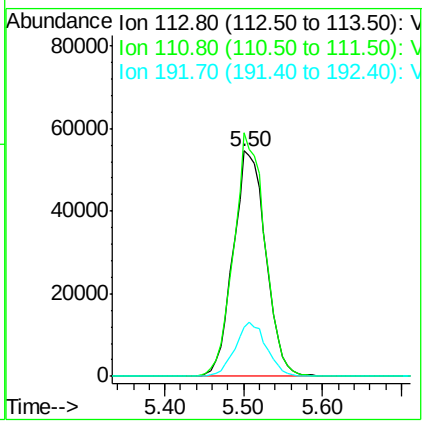


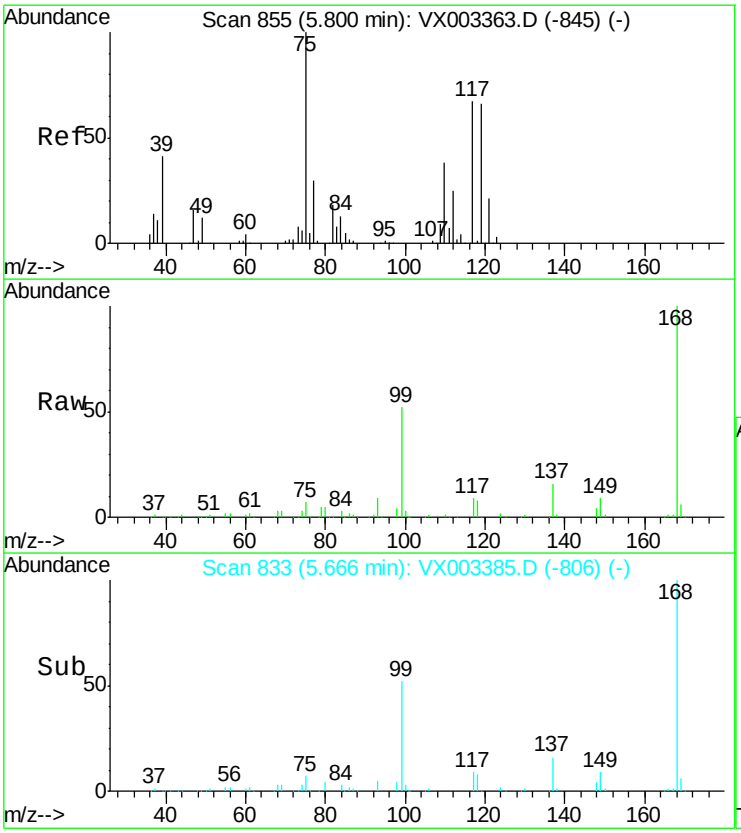
#35
Dibromofluoromethane
Concen: 52.78 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :
TP-E-MH-D

Tgt Ion:113 Resp: 156780

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	23.1	19.1	28.7

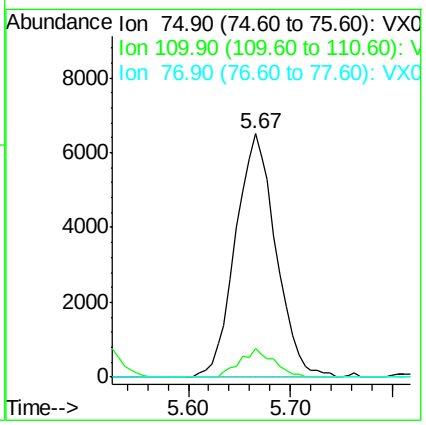


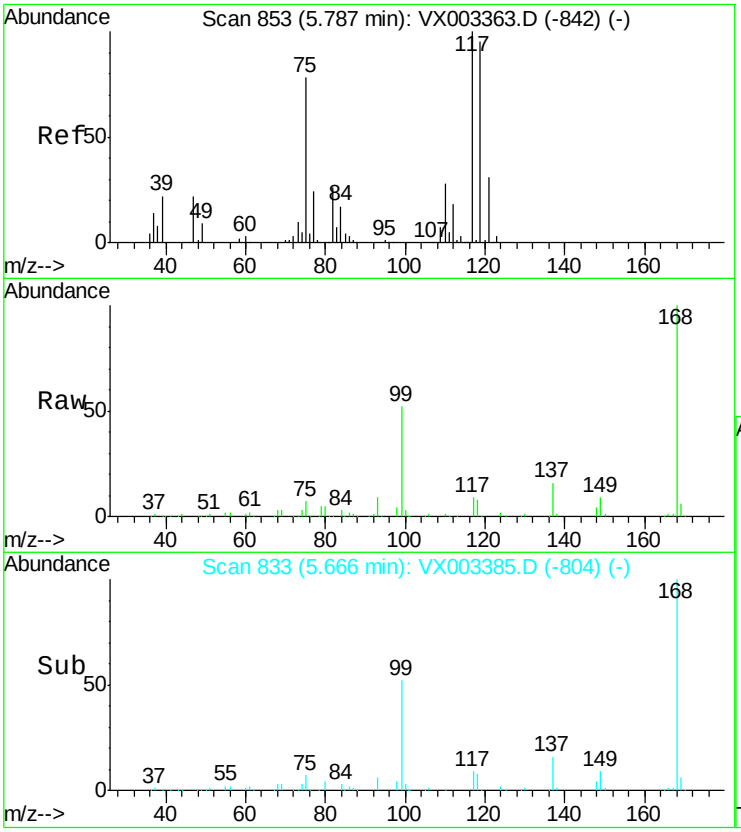


#36
1,1-Dichloropropene
Concen: 4.18 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 75 Resp: 17906

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	24.3	36.5#



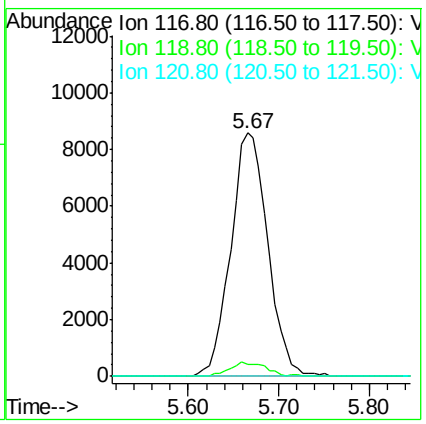


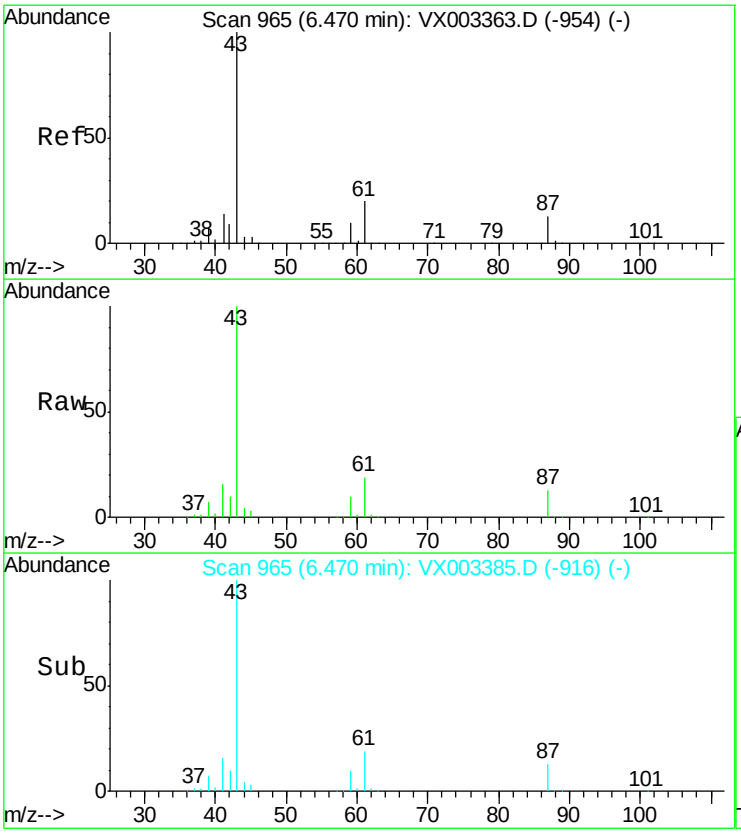
#38
Carbon Tetrachloride
Concen: 5.56 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :
TP-E-MH-D

Tgt Ion:117 Resp: 24287

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.0#
121	0.0	24.4	36.6#

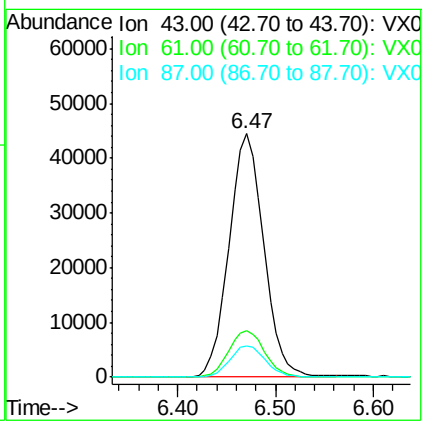


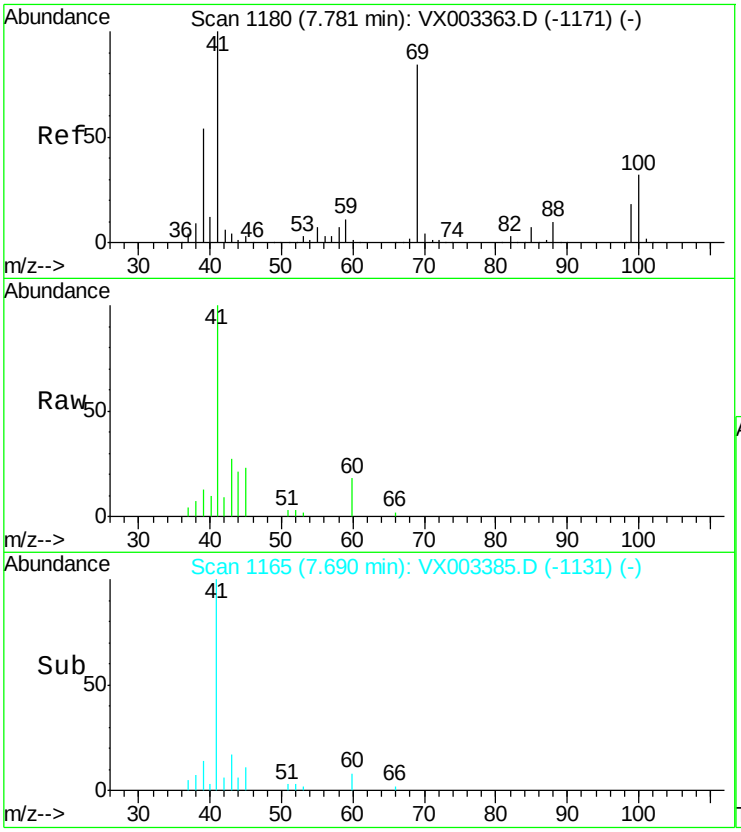


#43
Isopropyl Acetate
Concen: 14.94 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 43 Resp: 109977

Ion	Ratio	Lower	Upper
43	100		
61	19.8	14.4	21.6
87	13.2	9.5	14.3



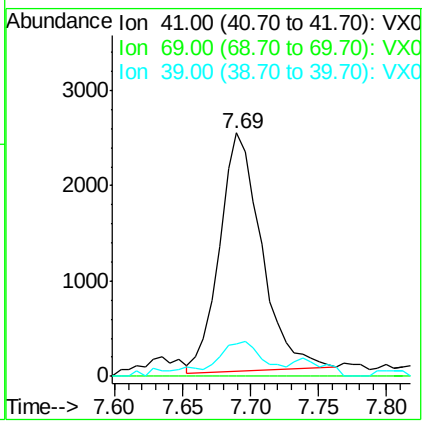


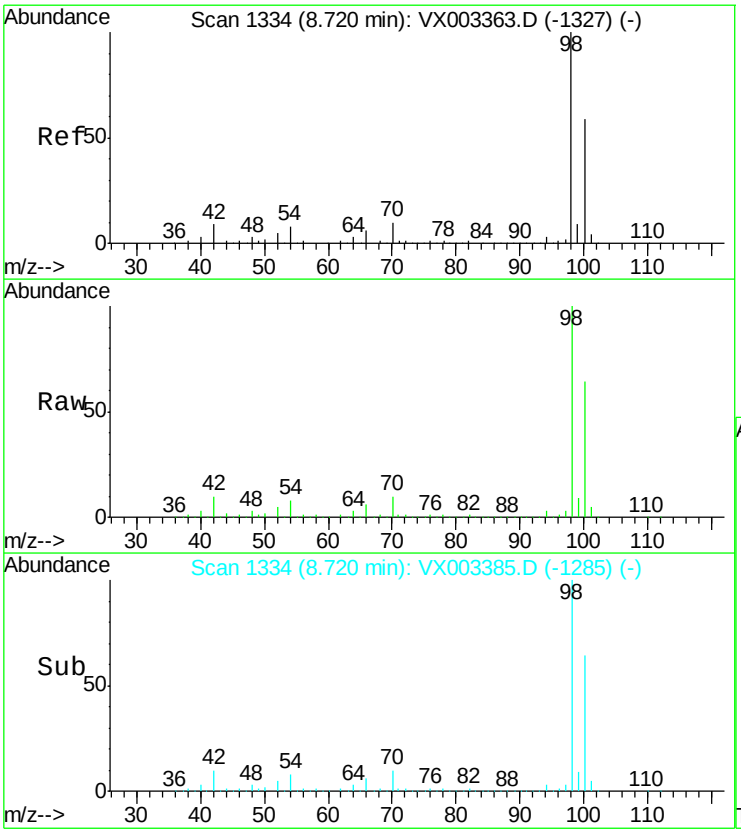
#48
Methyl methacrylate
Concen: 1.42 ug/l
RT: 7.69 min Scan# 1165
Delta R.T. -0.09 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument : MSVOA_X
ClientSampleId : TP-E-MH-D

Tgt Ion: 41 Resp: 5340

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	13.4	48.9	73.3#

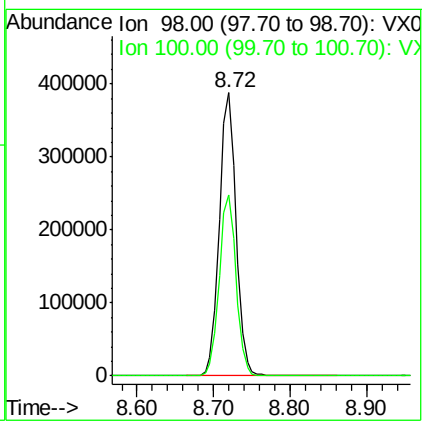


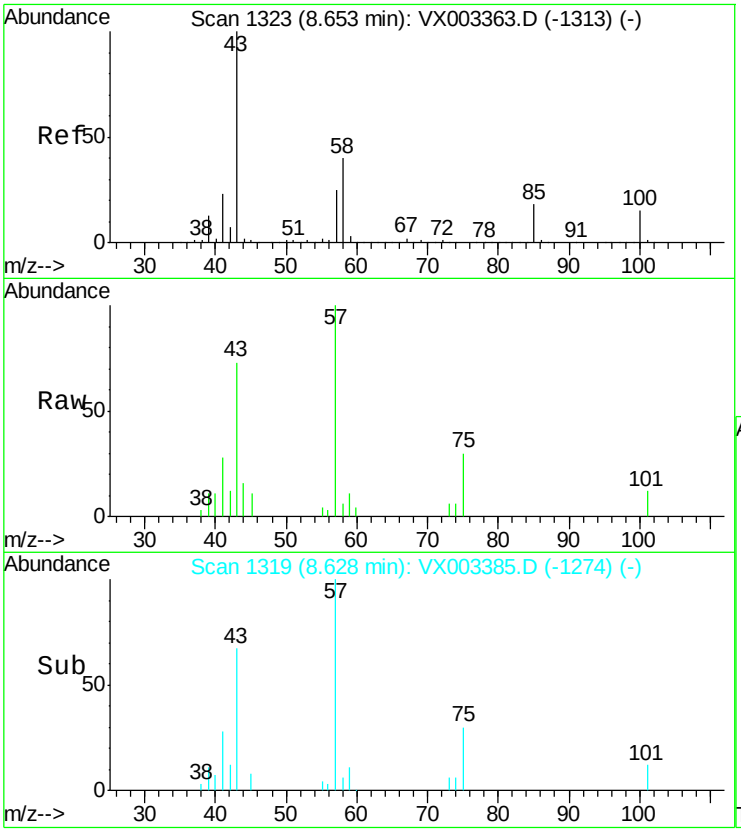


#50
Toluene-d8
Concen: 60.71 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 98 Resp: 588018

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3



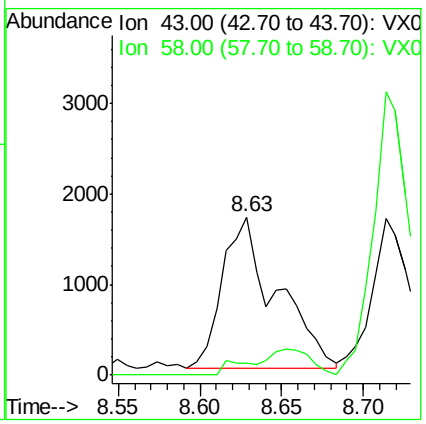


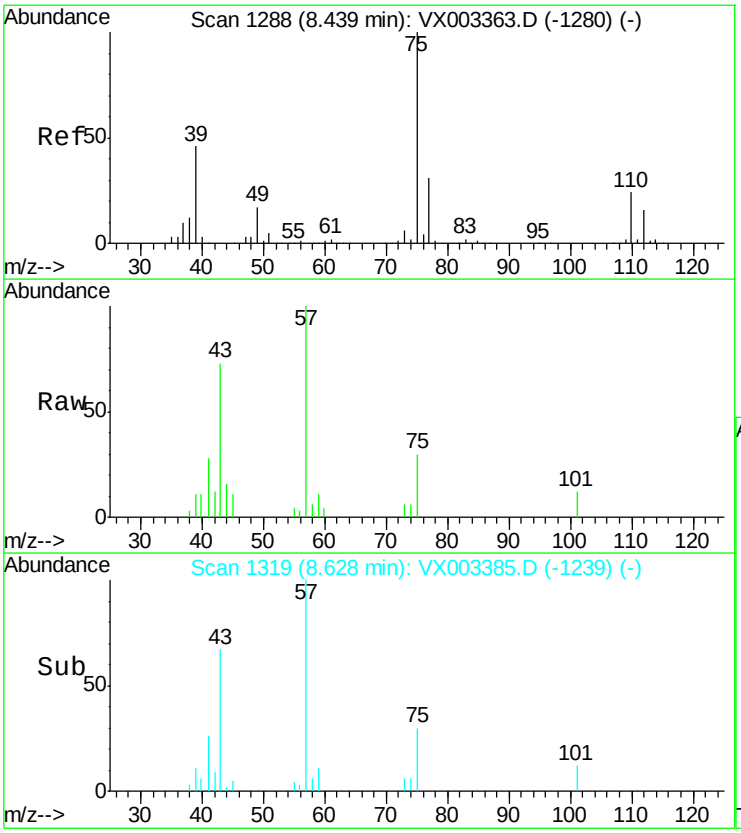
#51
4-Methyl-2-Pentanone
Concen: 0.80 ug/l
RT: 8.63 min Scan# 1319
Delta R.T. -0.02 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument : MSVOA_X
ClientSampleId : TP-E-MH-D

Tgt Ion: 43 Resp: 3857

Ion	Ratio	Lower	Upper
43	100		
58	5.3	28.6	42.8#

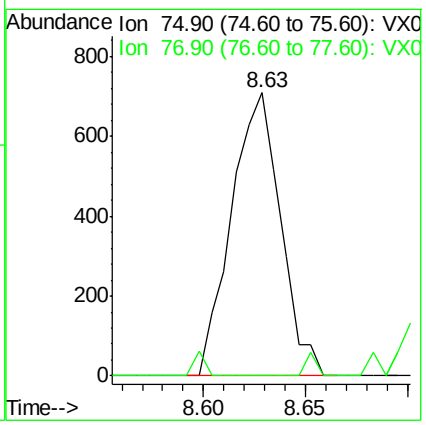


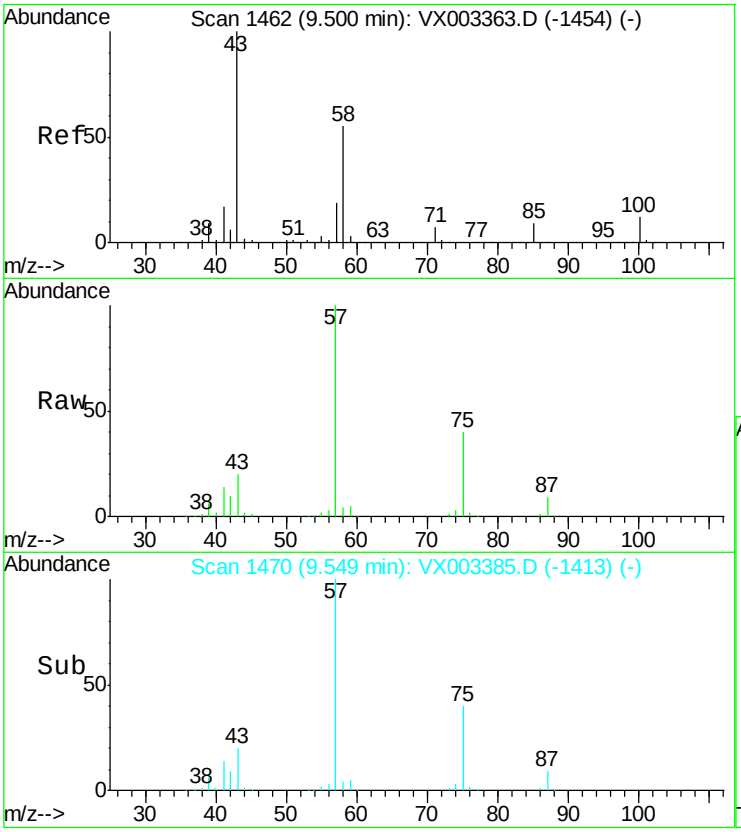


#53
t-1,3-Dichloropropene
Concen: 0.23 ug/l
RT: 8.63 min Scan# 1319
Delta R.T. 0.19 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 75 Resp: 1185

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#



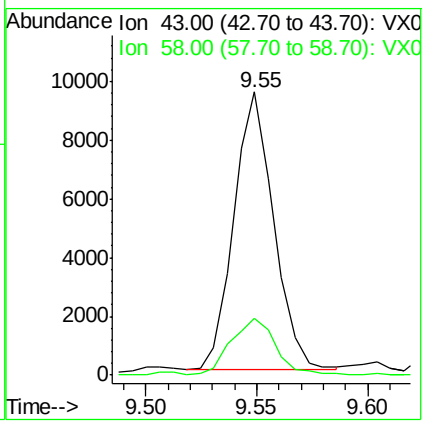


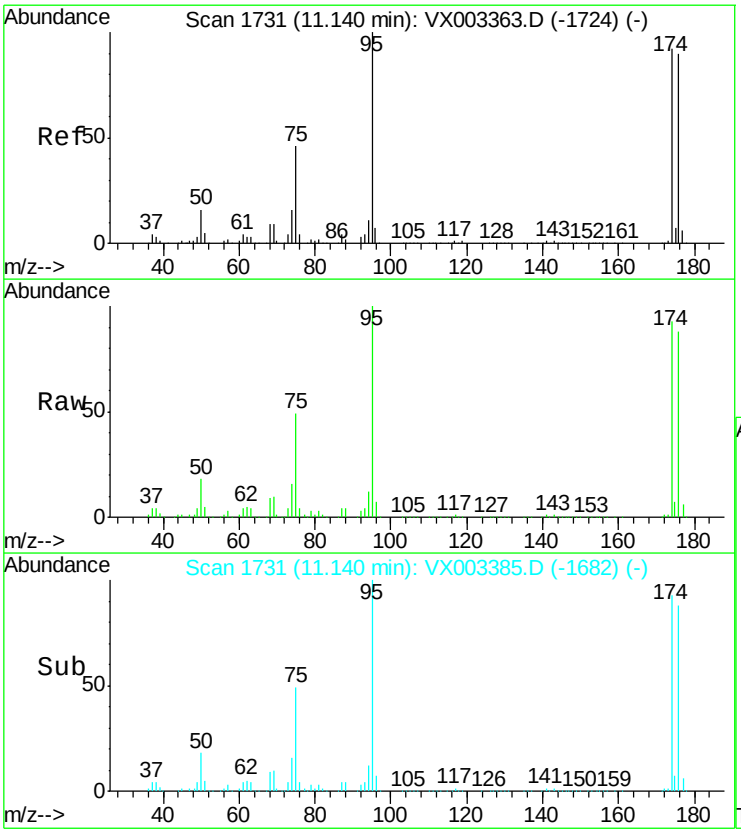
#59
2-Hexanone
Concen: 3.34 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.05 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :
TP-E-MH-D

Tgt Ion: 43 Resp: 11846

Ion	Ratio	Lower	Upper
43	100		
58	23.0	24.6	73.6#

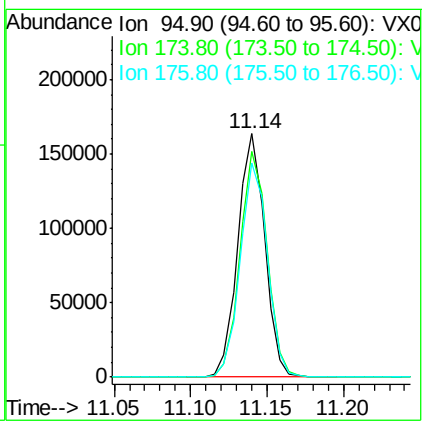


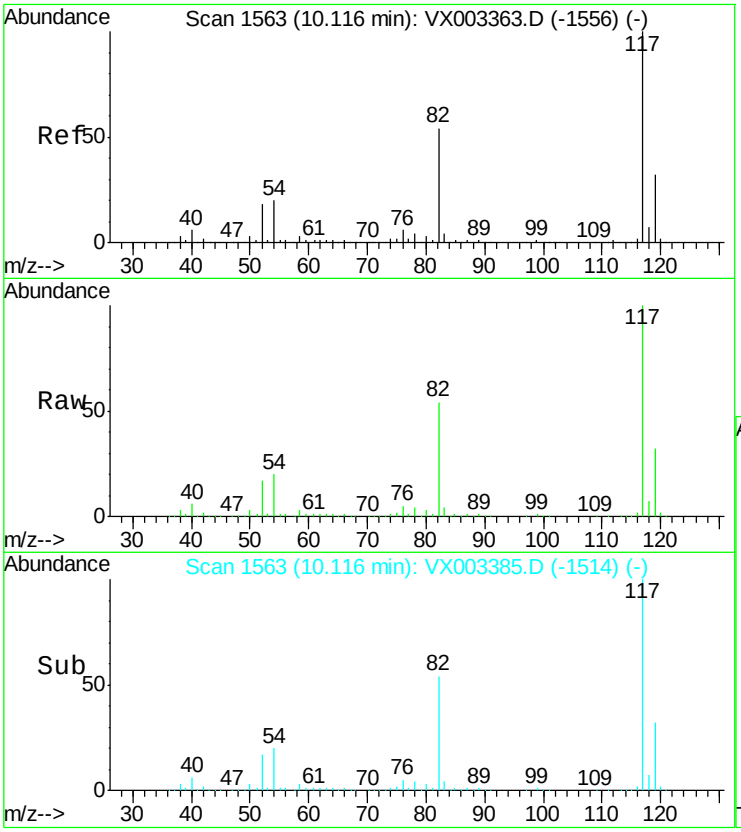


#62
4-Bromofluorobenzene
Concen: 48.31 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 95 Resp: 199828

Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	187.4
176	89.3	0.0	181.0



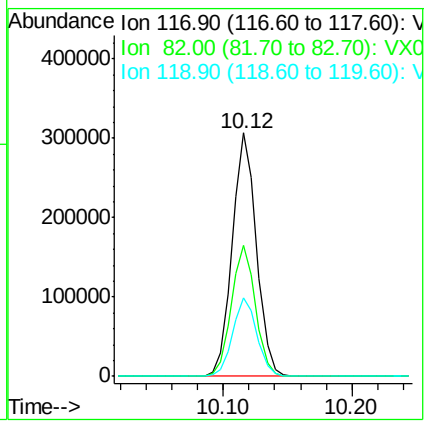


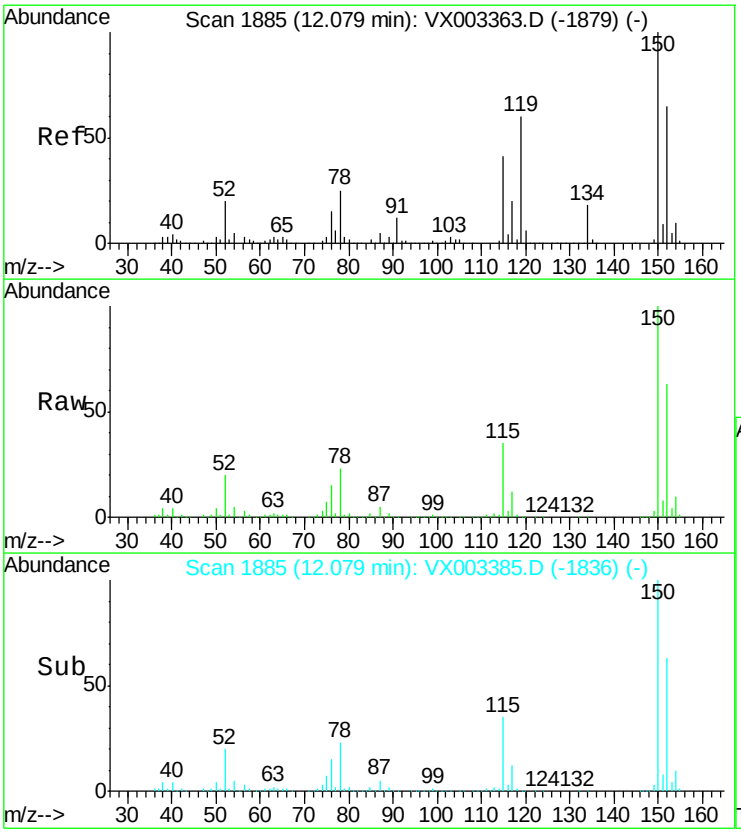
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :
TP-E-MH-D

Tgt Ion:117 Resp: 402255

Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.0	67.4
119	32.2	25.8	38.6

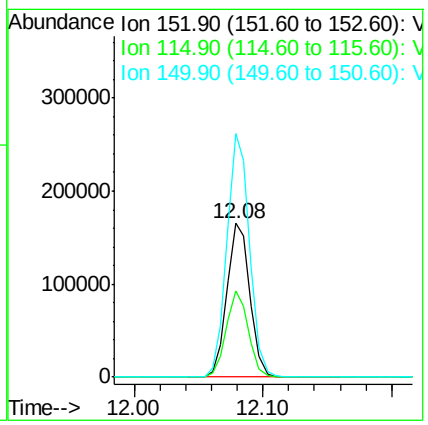


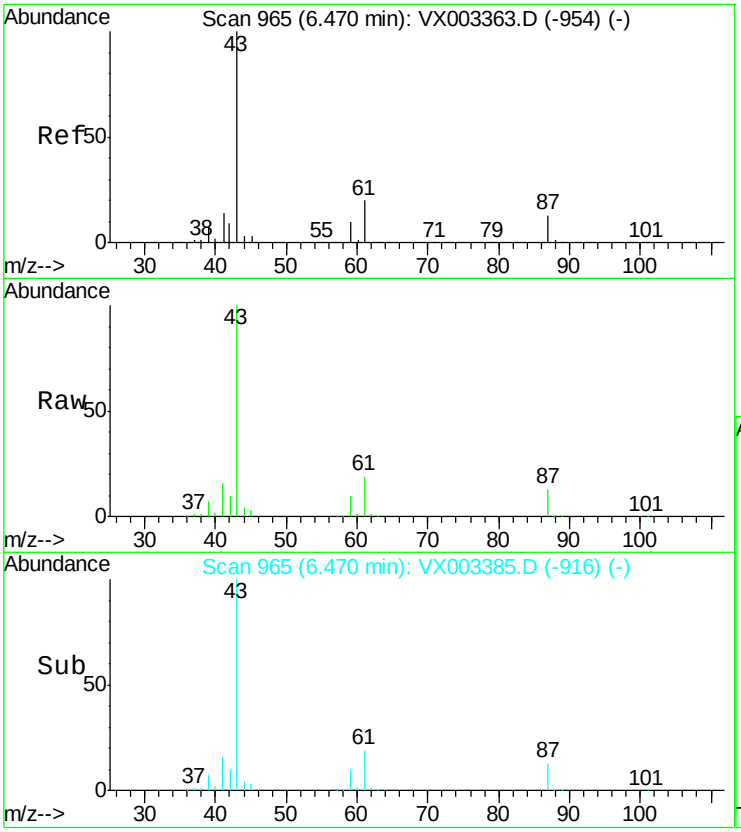


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion:152 Resp: 206844

Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.1	120.2
150	156.7	0.0	347.2



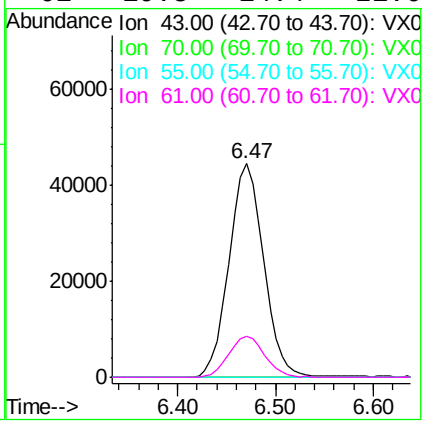


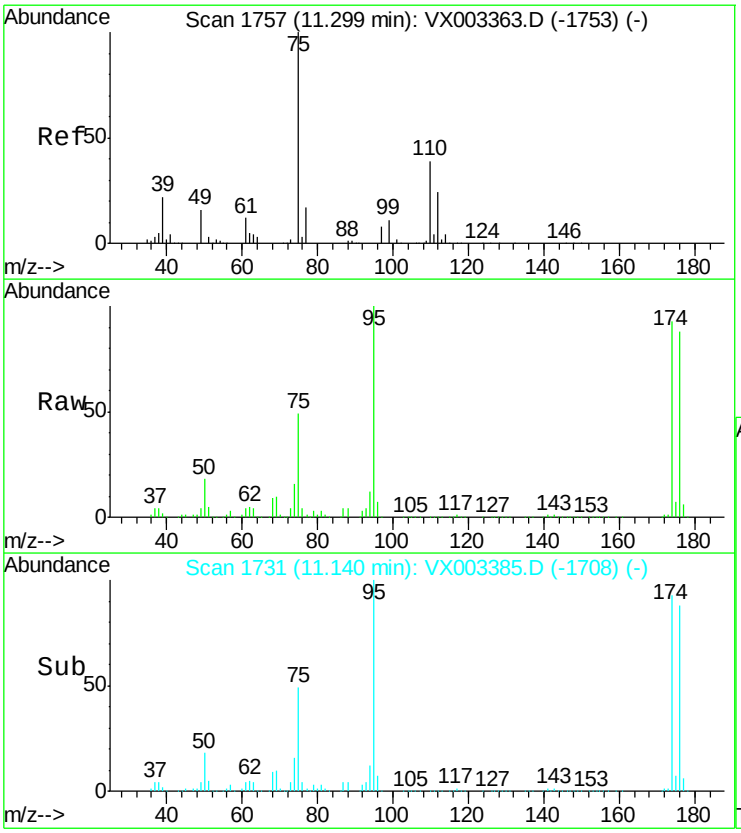
#74
N-amyl acetate
Concen: 16.59 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :
TP-E-MH-D

Tgt Ion: 43 Resp: 109977

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0#
61	19.8	14.4	21.6

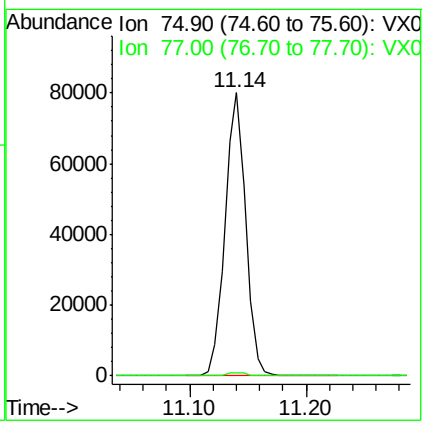


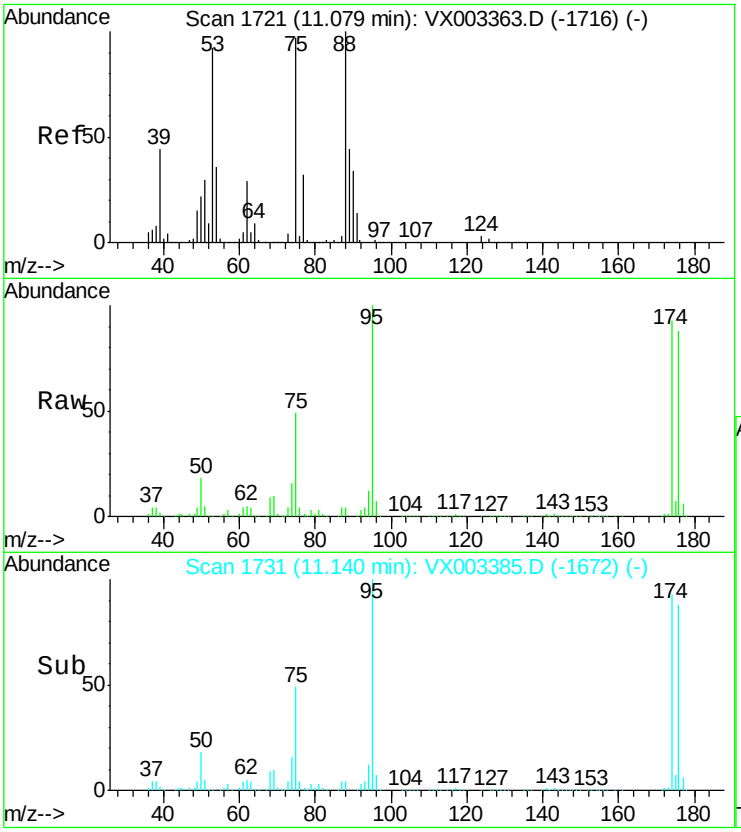


#76
1,2,3-Trichloropropane
Concen: 23.98 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion: 75 Resp: 97977

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



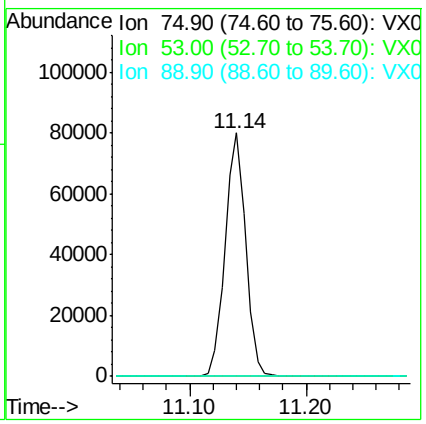


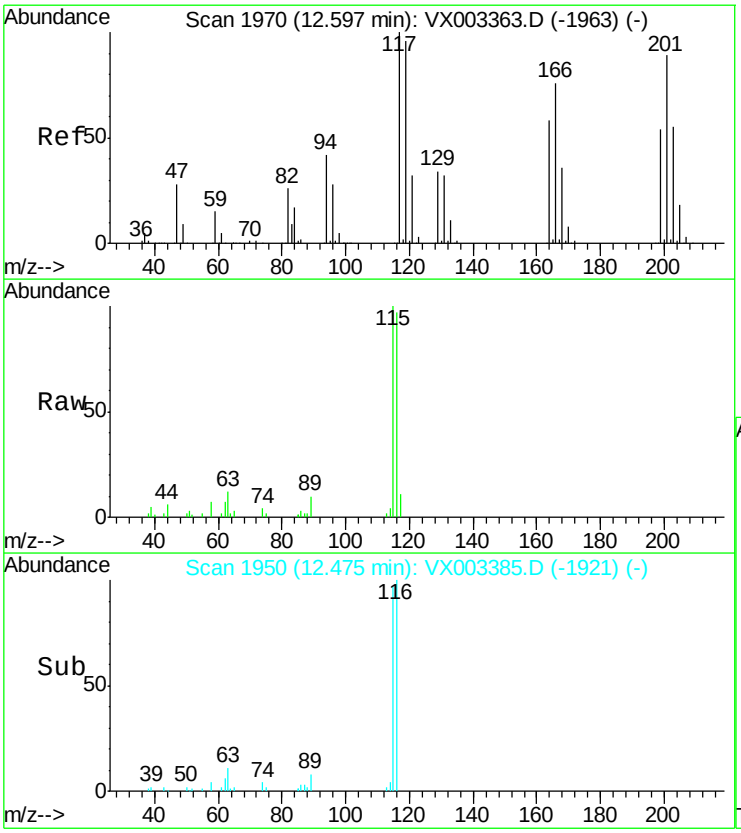
#81
trans-1,4-Dichloro-2-butene
Concen: 79.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument : MSVOA_X
ClientSampleId : TP-E-MH-D

Tgt Ion: 75 Resp: 97977

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

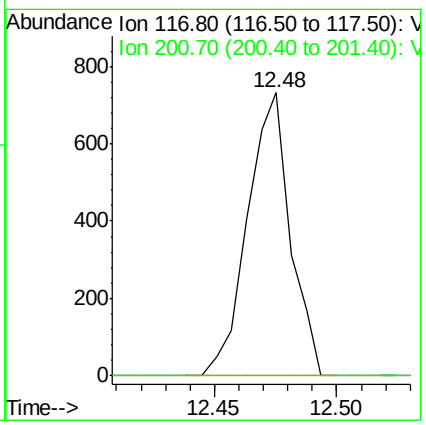


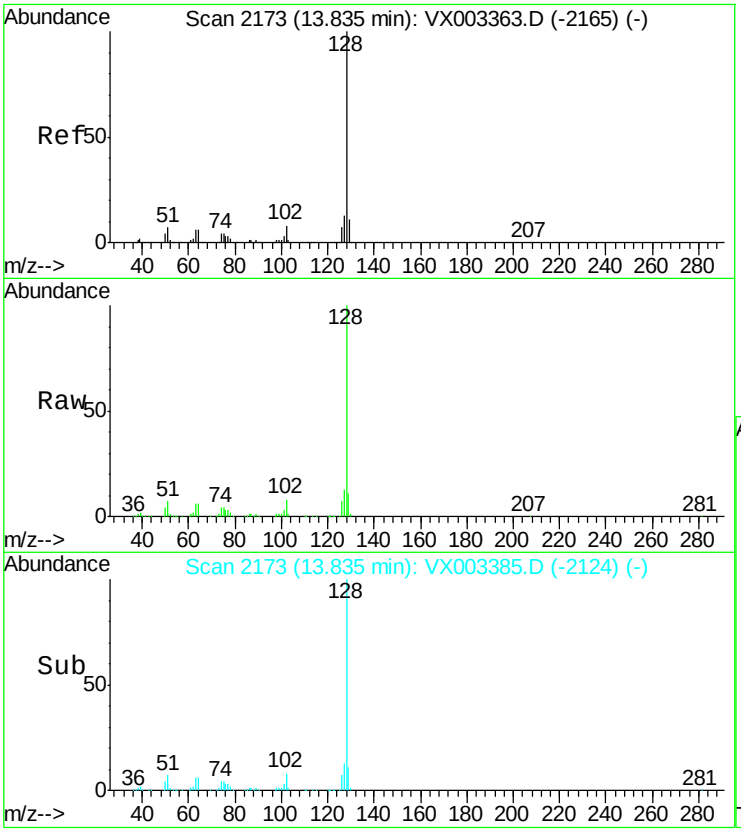


#90
Hexachloroethane
Concen: 0.47 ug/l
RT: 12.48 min Scan# 1950
Delta R.T. -0.12 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Tgt Ion:117 Resp: 887

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#95
Naphthalene
Concen: 14.89 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003385.D
Acq: 14 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :
TP-E-MH-D

Tgt Ion:128 Resp: 215630

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.7	8.6	13.0