Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071818\
Data File : VX003456.D
Acq On : 18 Jul 2018 19:08
Operator : JC/MD
Sample : PB111206ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 19 01:43:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	279931	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	425138	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	408294	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220042	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	192193	52.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.86%				
35) Dibromofluoromethane	5.51	113	158645	46.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.24%				
50) Toluene-d8	8.72	98	613843	48.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.72%				
62) 4-Bromofluorobenzene	11.14	95	209994	46.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.66%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	909	0.27	ug/l	#	74
5) Bromomethane	1.65	94	1881	Below Cal			81
6) Chloroethane	1.73	64	24	Below Cal		#	2
10) Methyl Iodide	2.52	142	1299	0.39	ug/l		97
11) Tert butyl alcohol	3.08	59	394	0.48	ug/l	#	76
13) Acrolein	2.29	56	171	0.43	ug/l	#	14
16) Acetone	2.45	43	20046	13.15	ug/l		94
18) Methyl Acetate	2.78	43	7776	1.57	ug/l	#	91
20) Methylene Chloride	2.86	84	6839	Below Cal			94
25) 2-Butanone	4.71	43	4479	1.88	ug/l		92
29) Tetrahydrofuran	5.18	42	1578	1.04	ug/l	#	84
31) Cyclohexane	5.66	56	4676	1.03	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	17904	4.16	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	24384	5.57	ug/l	#	17
43) Isopropyl Acetate	6.47	43	145318	19.85	ug/l		94
48) Methyl methacrylate	7.70	41	8745	2.34	ug/l	#	23
51) 4-Methyl-2-Pentanone	8.62	43	3003	0.62	ug/l	#	39
53) t-1,3-Dichloropropene	8.63	75	1494	0.30	ug/l	#	43
59) 2-Hexanone	9.55	43	14213	3.84	ug/l	#	61
74) N-amyl acetate	6.47	43	145318	21.45	ug/l	#	94
76) 1,2,3-Trichloropropane	11.14	75	101959	25.60	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	101959	83.15	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	328	0.34	ug/l	#	1

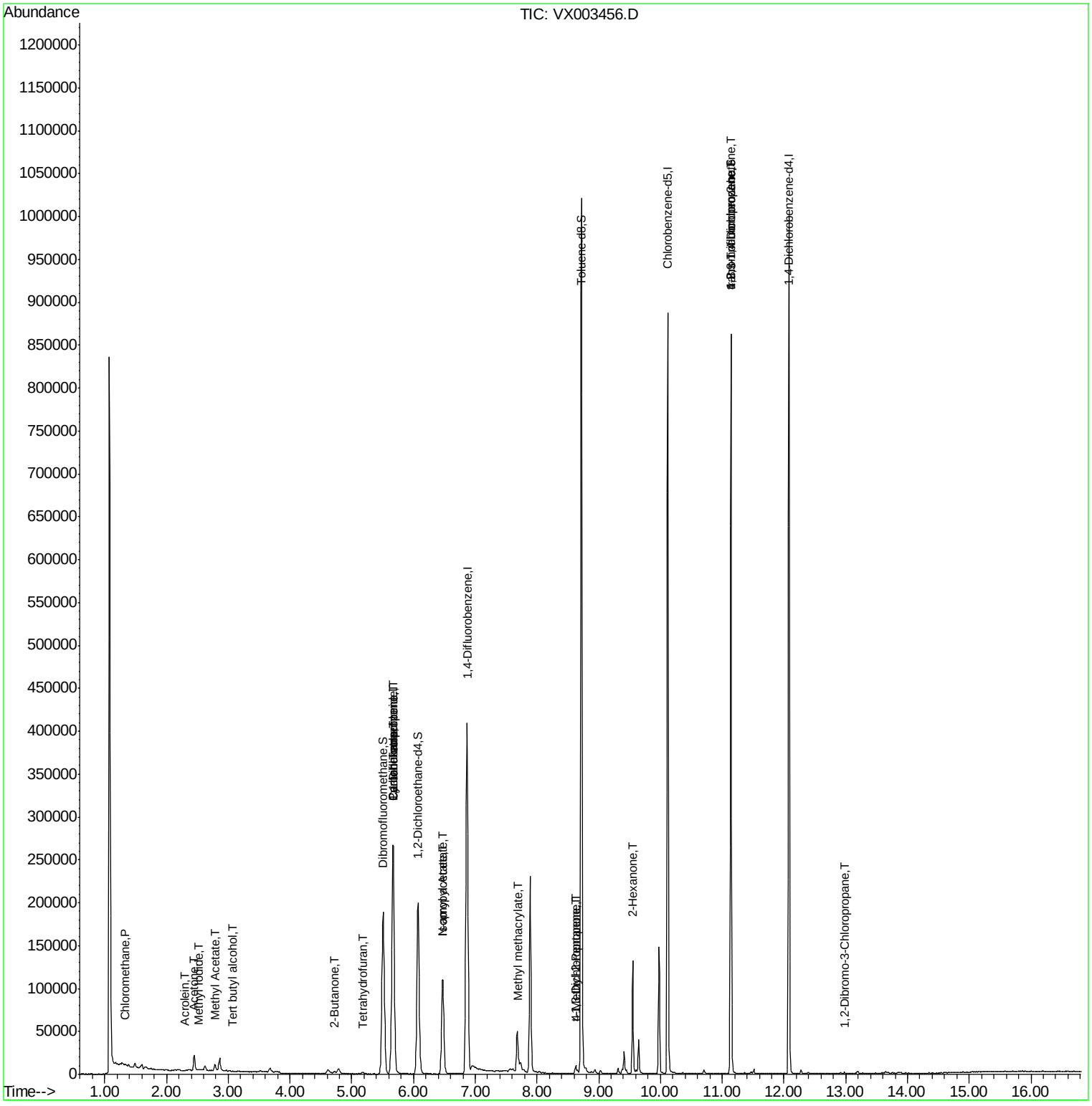
(#) = qualifier out of range (m) = manual integration (+) = signals summed

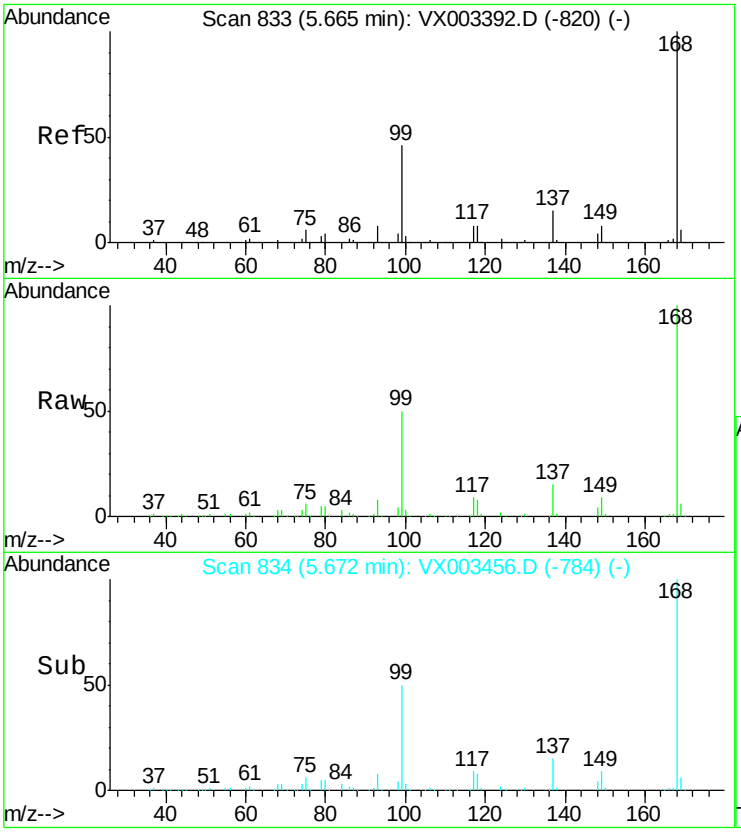
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071818\
Data File : VX003456.D
Acq On : 18 Jul 2018 19:08
Operator : JC/MD
Sample : PB111206ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 19 01:43:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration



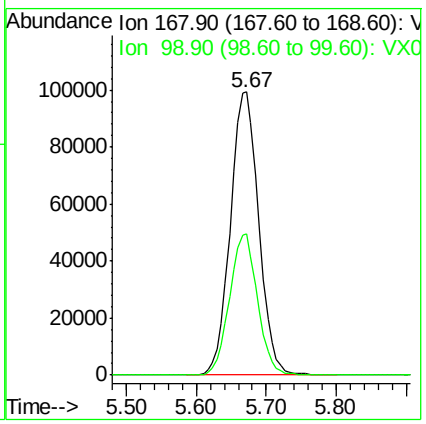


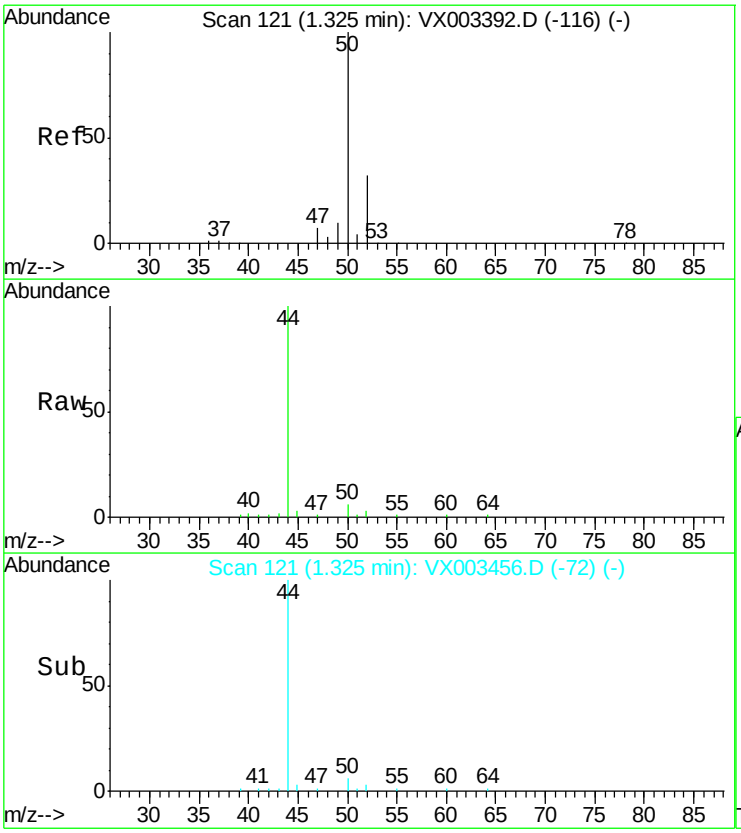
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 279931

Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.3	58.9

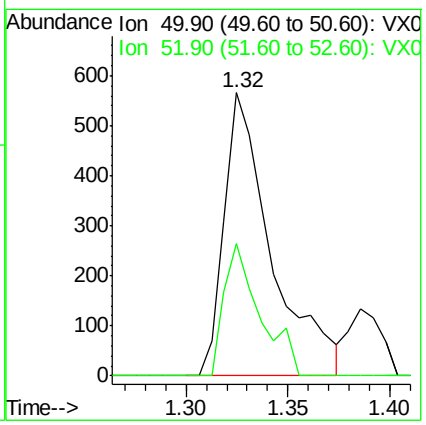


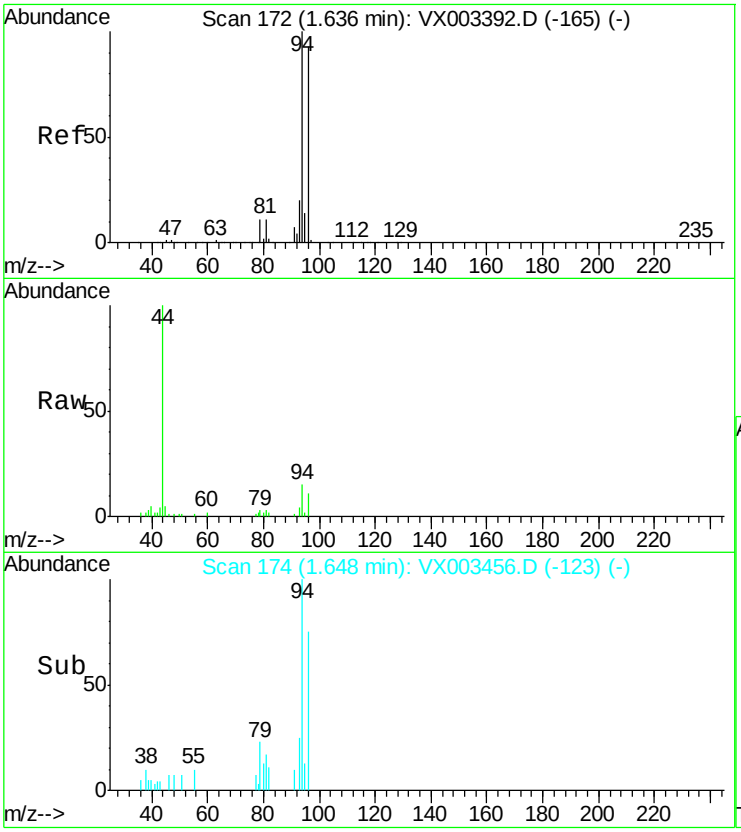


#3
Chloromethane
Concen: 0.27 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion: 50 Resp: 909

Ion	Ratio	Lower	Upper
50	100		
52	46.8	25.7	38.5#



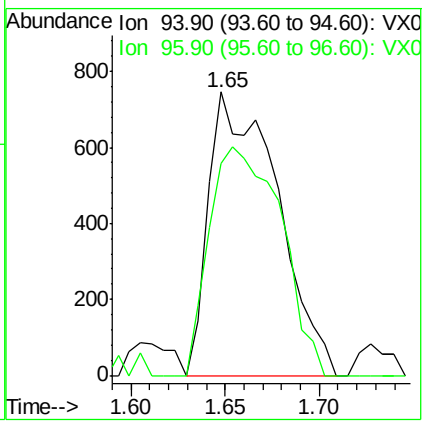


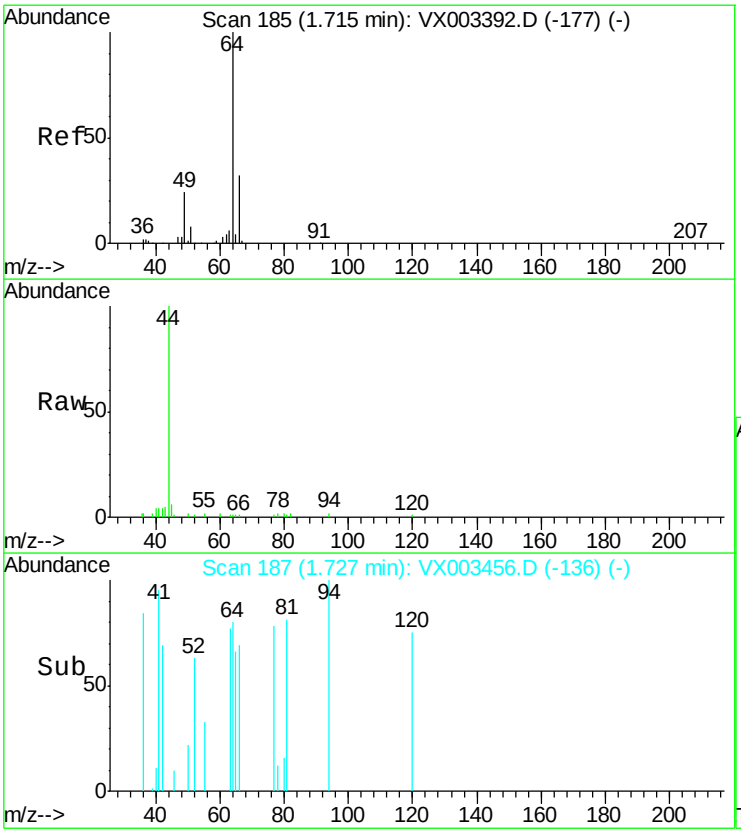
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1881

Ion	Ratio	Lower	Upper
94	100		
96	74.9	74.9	112.3

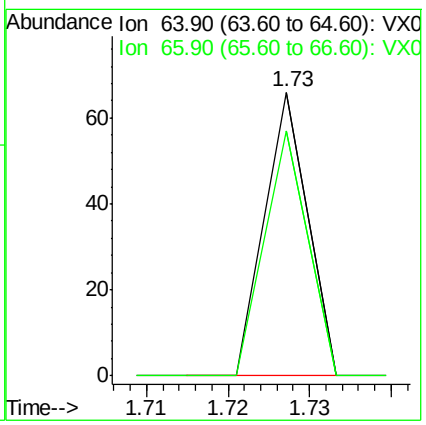


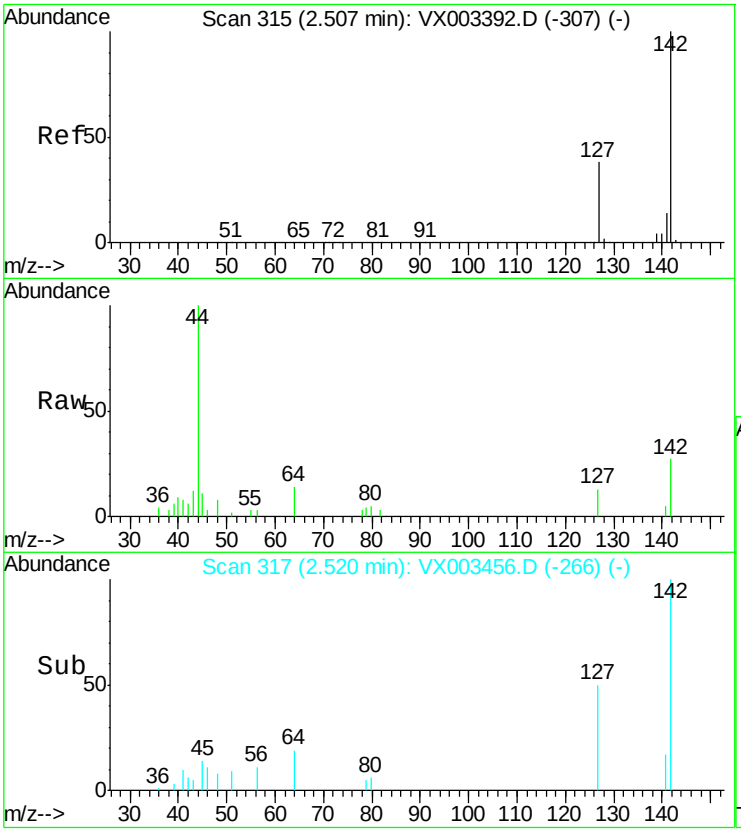


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion: 64 Resp: 24

Ion	Ratio	Lower	Upper
64	100		
66	86.4	25.5	38.3#



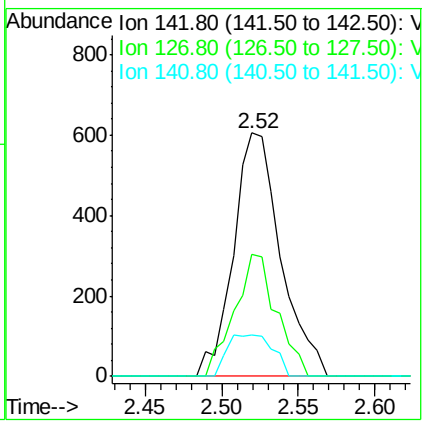


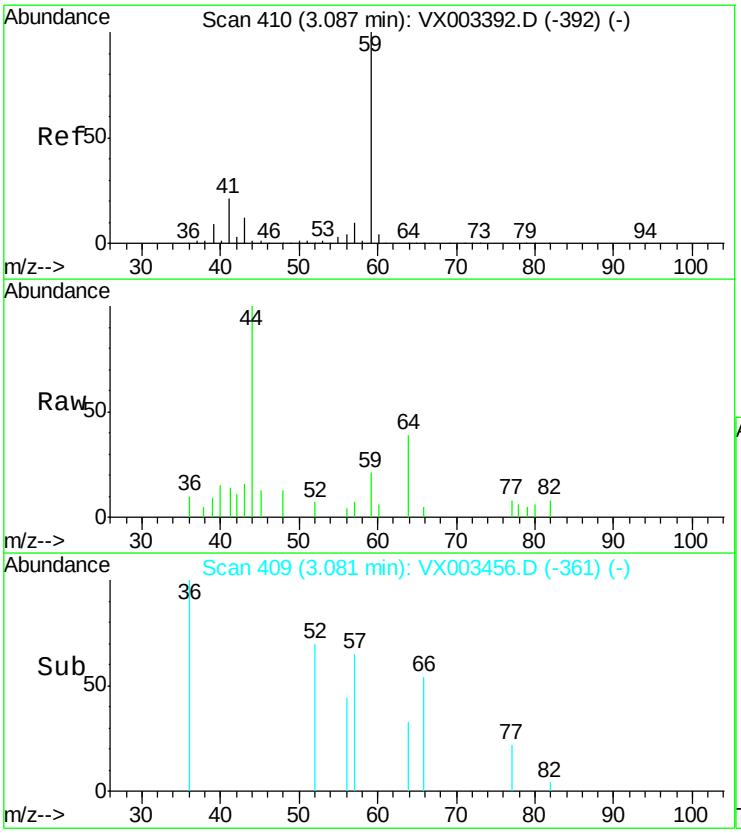
#10
Methyl Iodide
Concen: 0.39 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1299

Ion	Ratio	Lower	Upper
142	100		
127	44.4	36.6	55.0
141	16.5	11.3	16.9

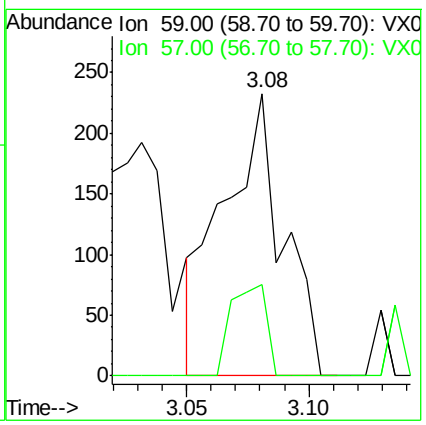


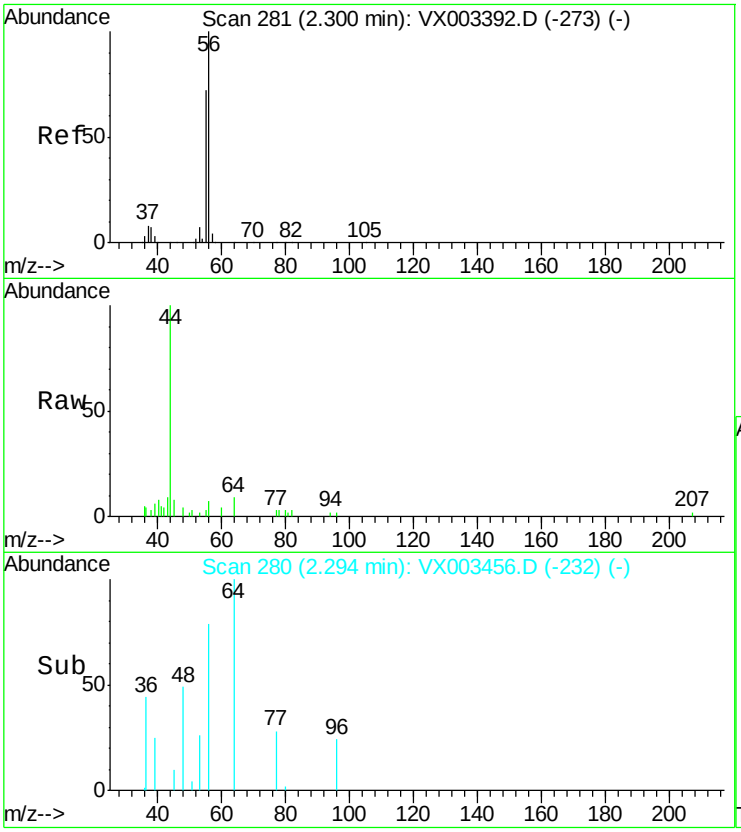


#11
Tert butyl alcohol
Concen: 0.48 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion: 59 Resp: 394

Ion	Ratio	Lower	Upper
59	100		
57	19.3	8.2	12.2#



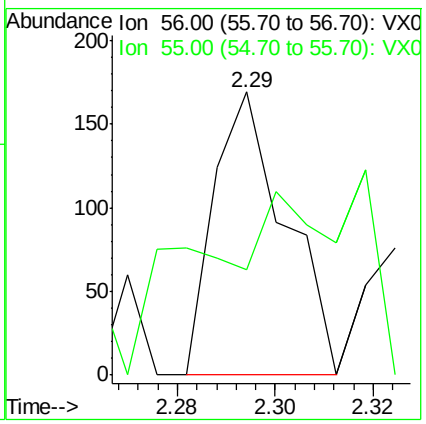


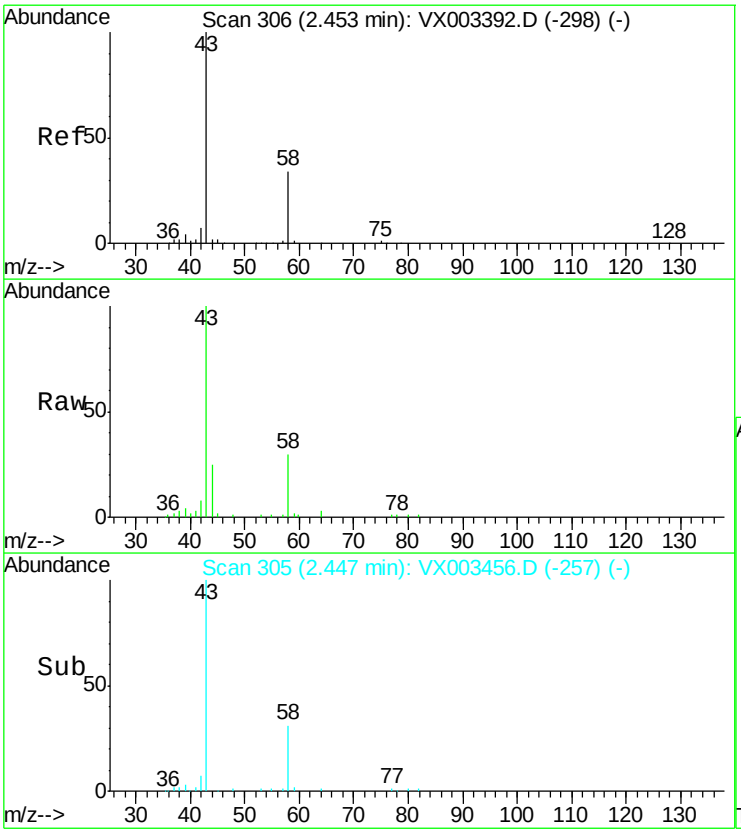
#13
Acrolein
Concen: 0.43 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 171

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

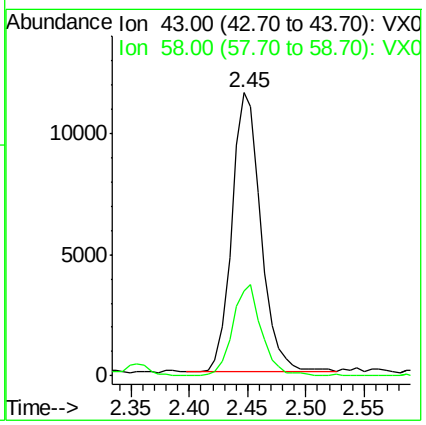


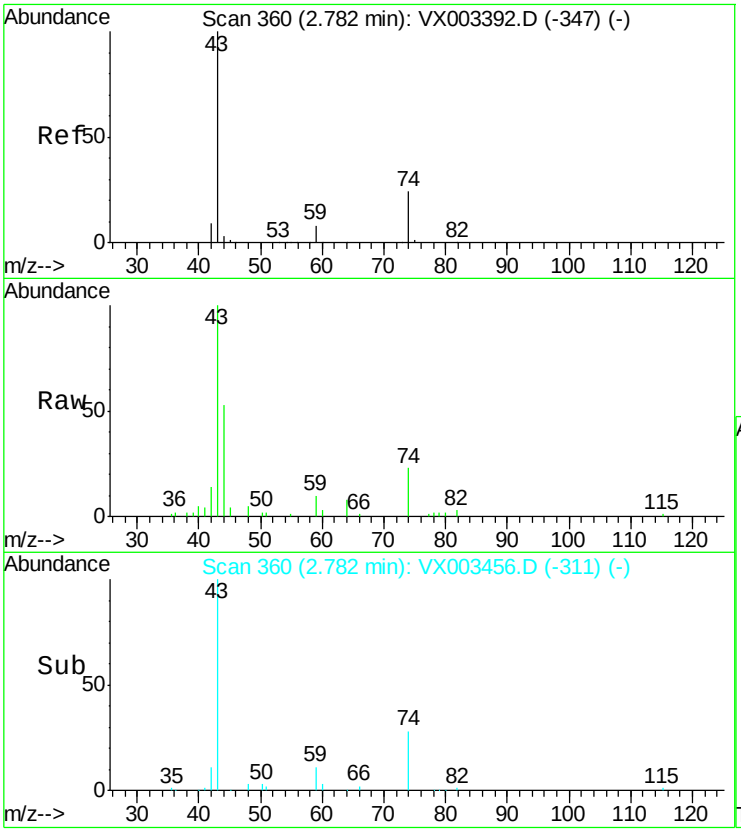


#16
Acetone
Concen: 13.15 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion: 43 Resp: 20046

Ion	Ratio	Lower	Upper
43	100		
58	30.7	22.1	33.1



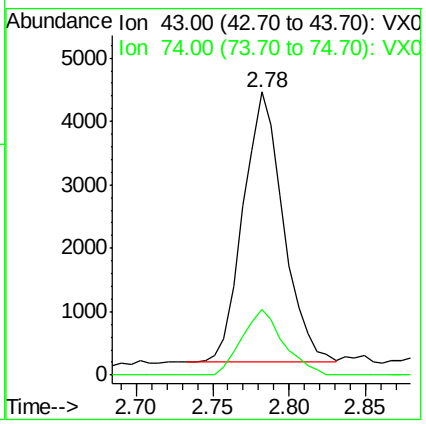


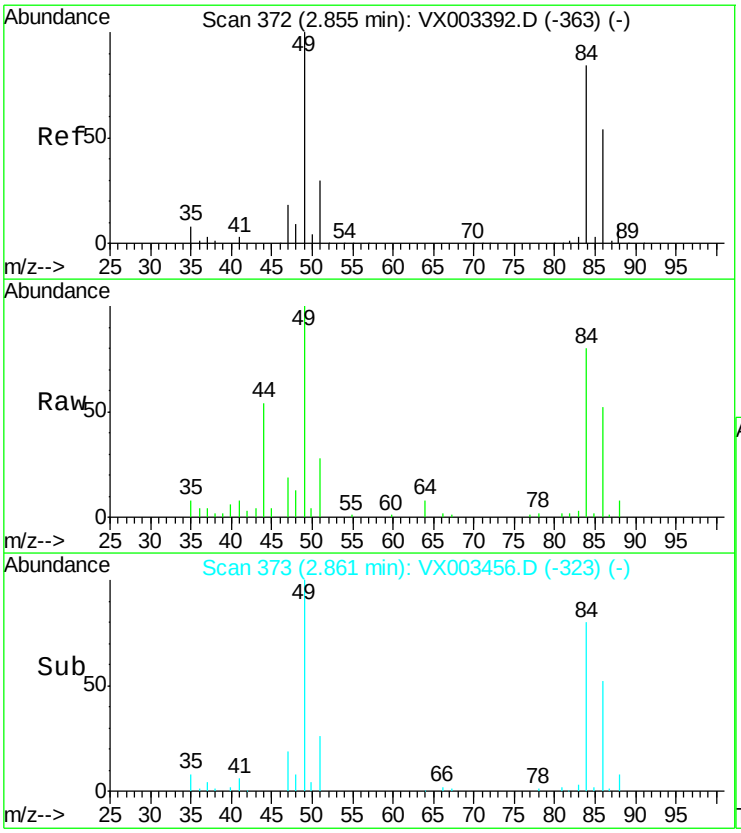
#18
Methyl Acetate
Concen: 1.57 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7776

Ion	Ratio	Lower	Upper
43	100		
74	25.2	16.7	25.1#

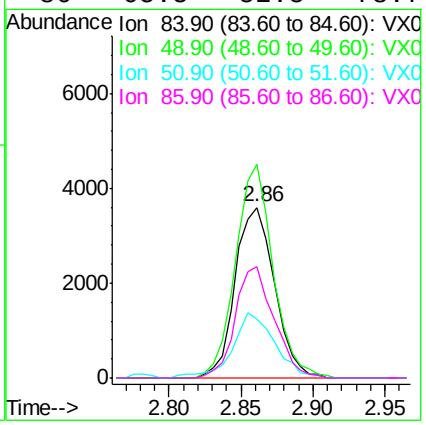


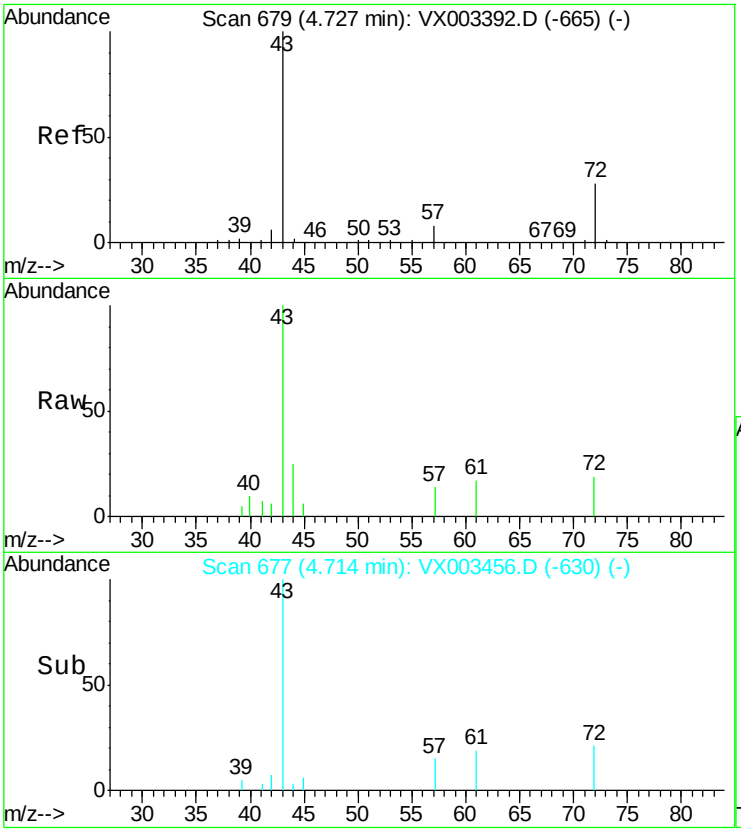


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion: 84 Resp: 6839

Ion	Ratio	Lower	Upper
84	100		
49	125.3	107.8	161.6
51	34.5	32.8	49.2
86	65.5	52.5	78.7



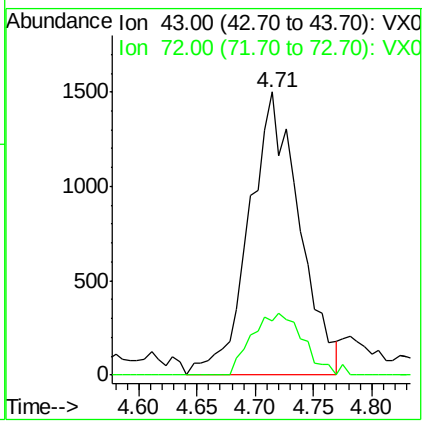


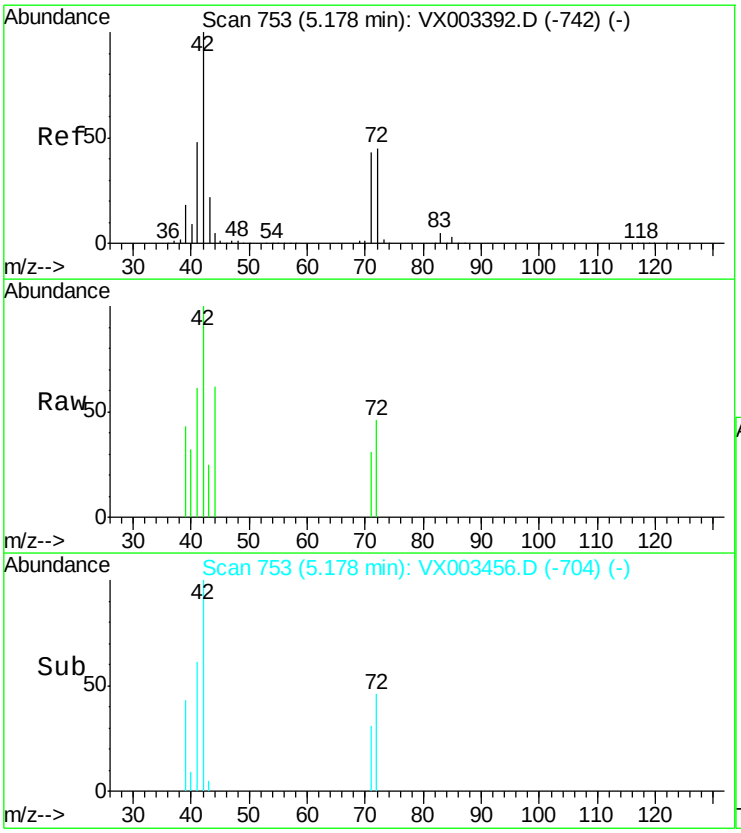
#25
2-Butanone
Concen: 1.88 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4479

Ion	Ratio	Lower	Upper
43	100		
72	19.3	18.5	27.7

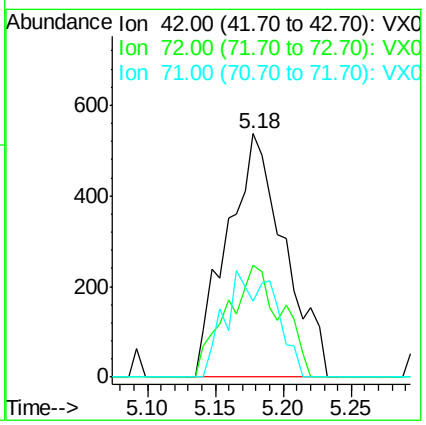


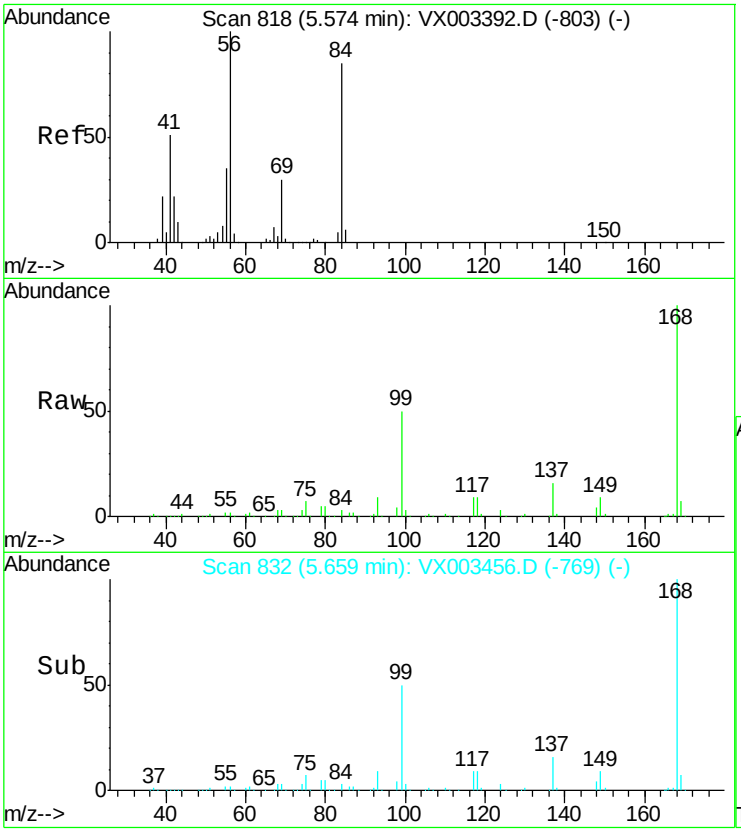


#29
Tetrahydrofuran
Concen: 1.04 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion: 42 Resp: 1578

Ion	Ratio	Lower	Upper
42	100		
72	43.7	32.0	48.0
71	21.4	30.1	45.1#



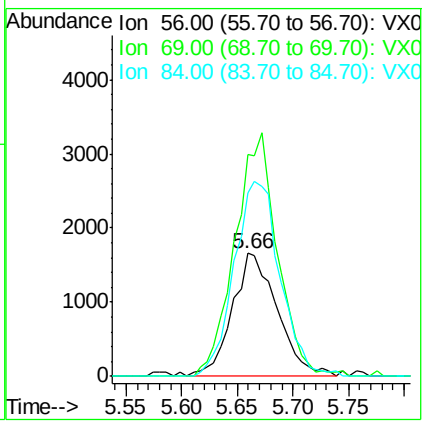


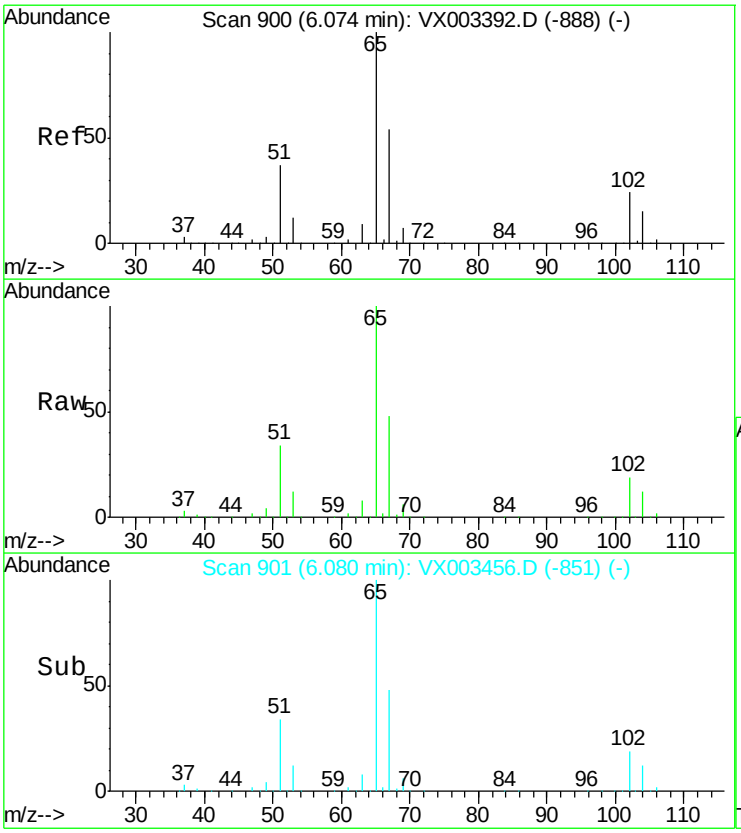
#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.09 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4676

Ion	Ratio	Lower	Upper
56	100		
69	181.1	23.7	35.5#
84	149.5	64.1	96.1#

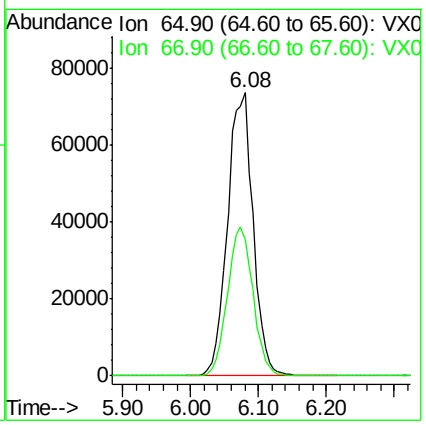


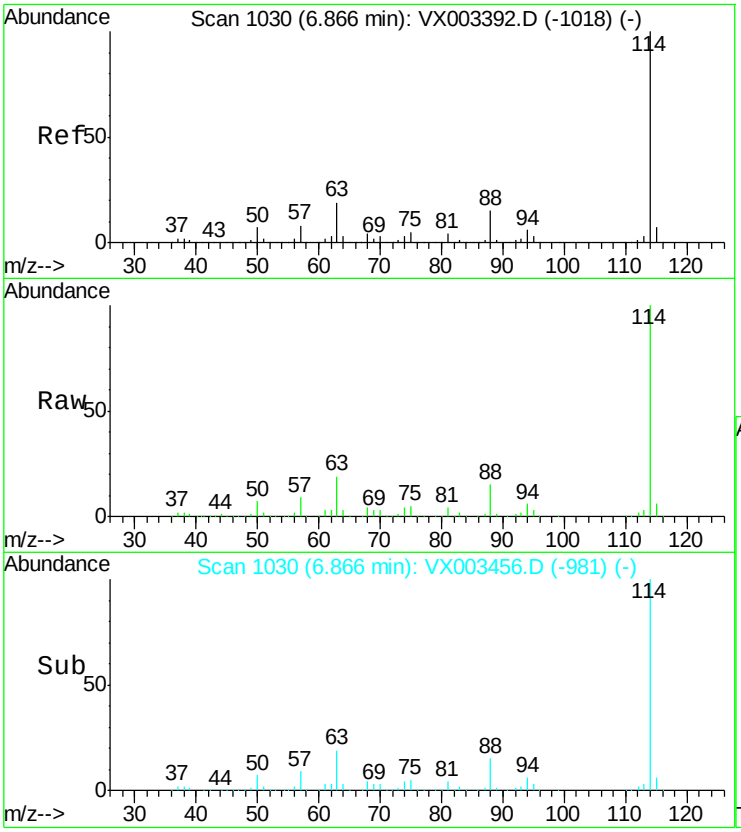


#33
1,2-Dichloroethane-d4
Concen: 52.43 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion: 65 Resp: 192193

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	102.6



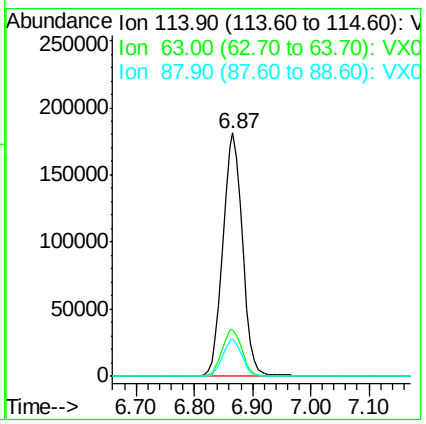


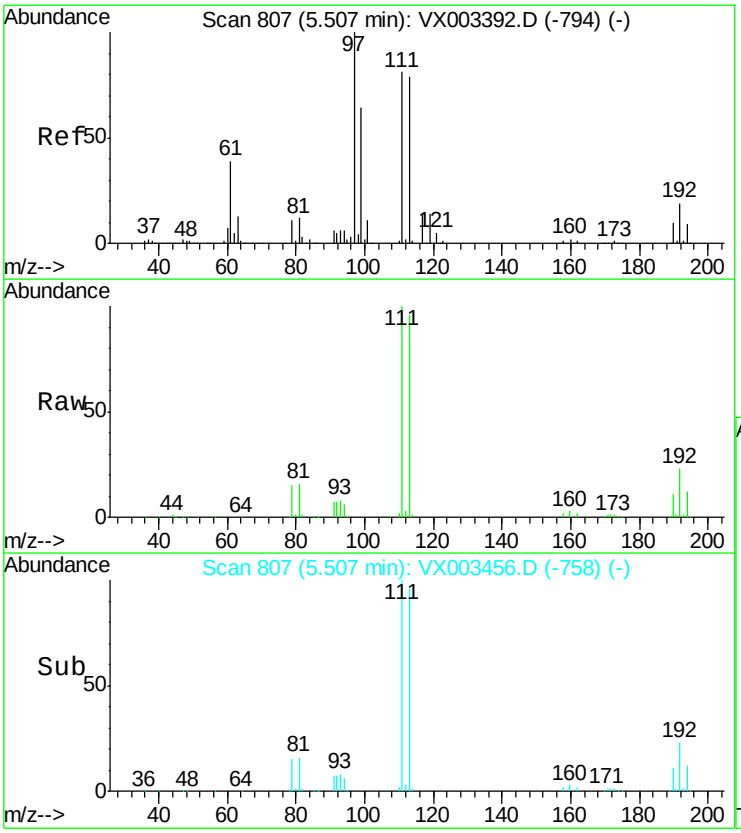
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 425138

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.4
88	15.3	0.0	30.0

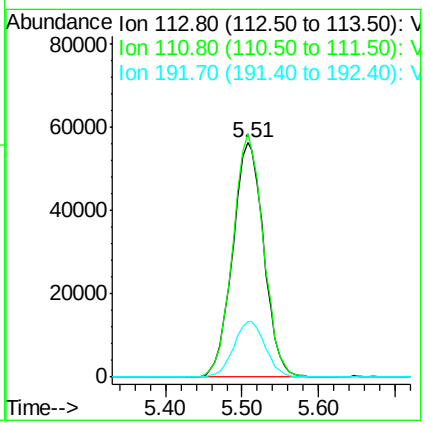


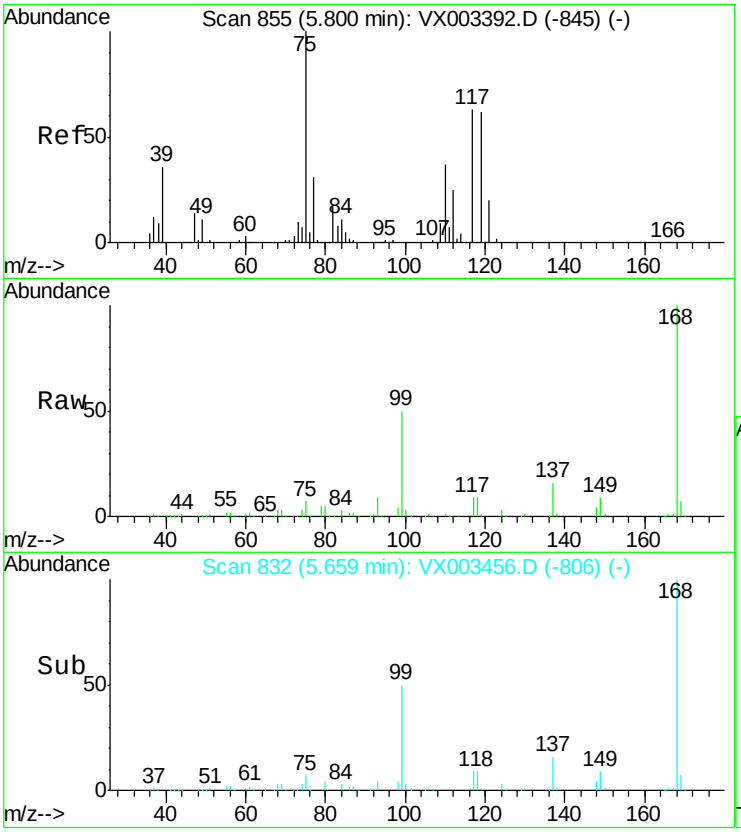


#35
Dibromofluoromethane
Concen: 46.12 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion:113 Resp: 158645

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	24.1	19.1	28.7



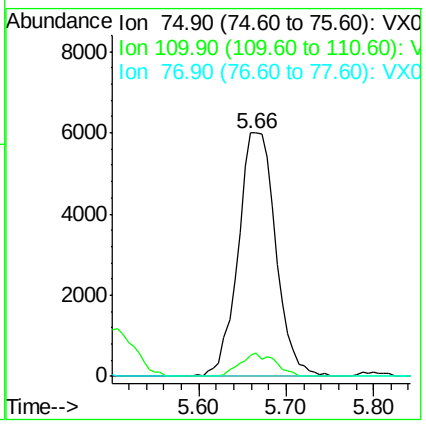


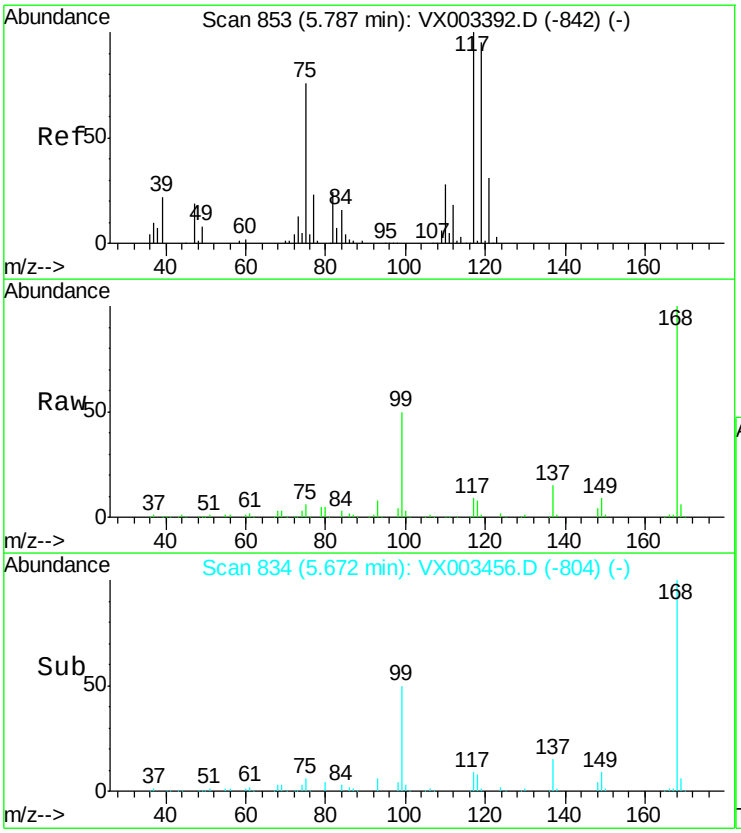
#36
1,1-Dichloropropene
Concen: 4.16 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 17904

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	24.3	36.5#

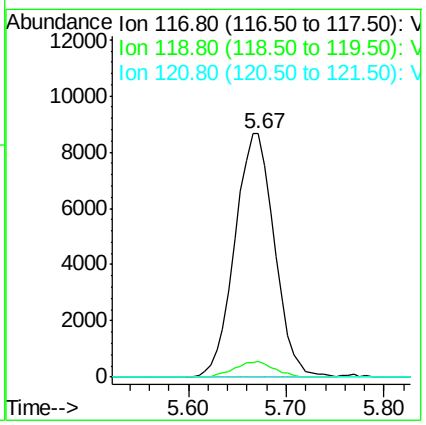


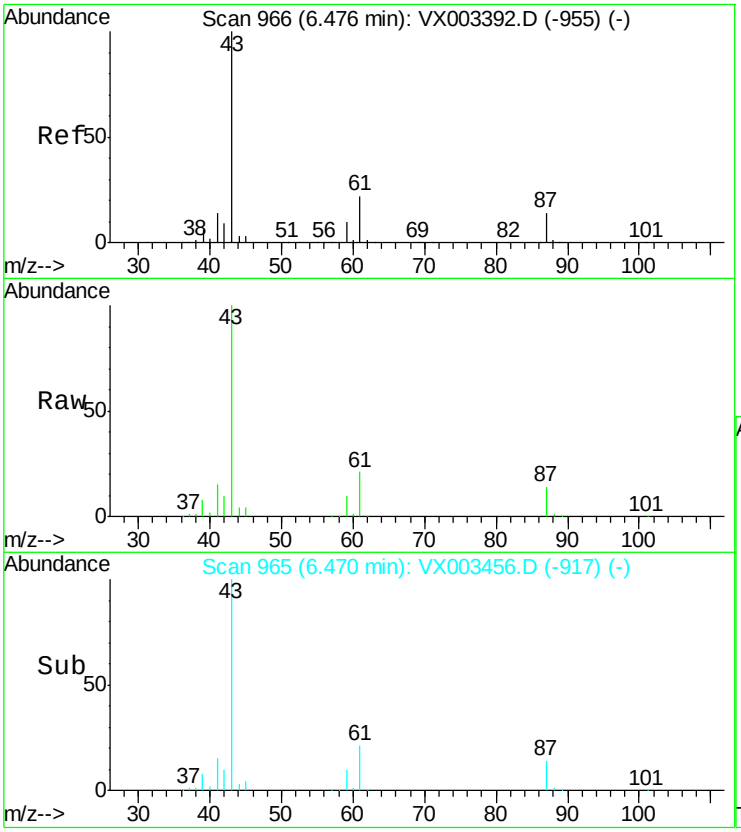


#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion:117 Resp: 24384

Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.4	116.0#
121	0.0	24.4	36.6#



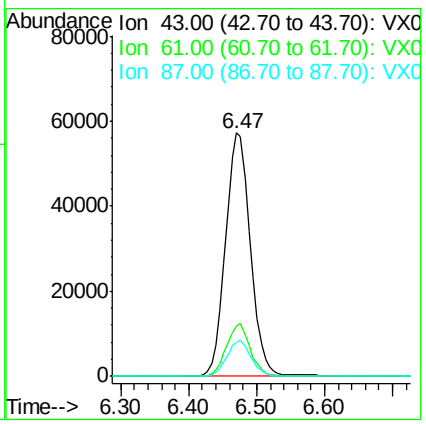


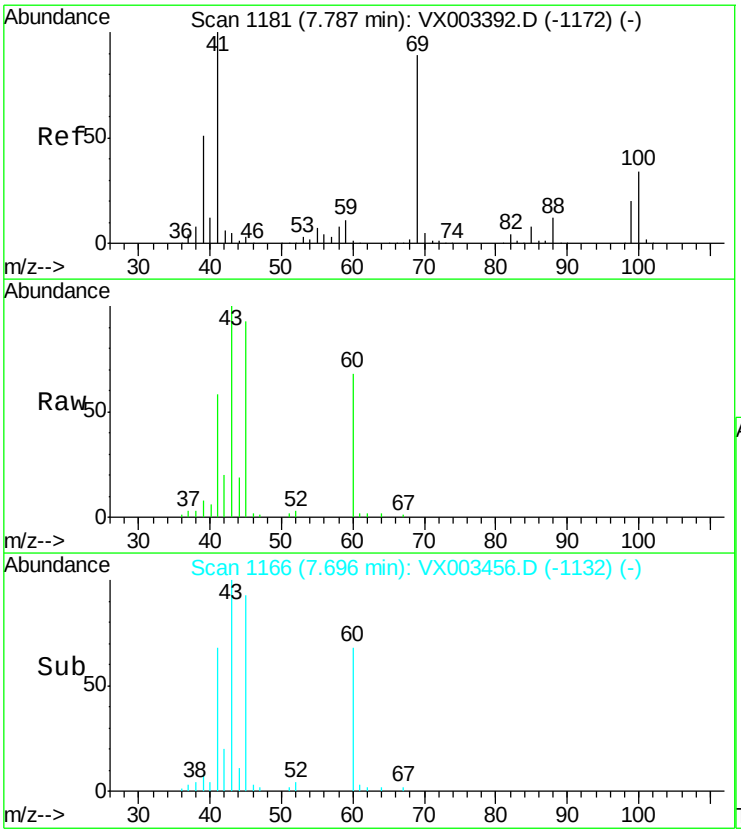
#43
Isopropyl Acetate
Concen: 19.85 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 145318

Ion	Ratio	Lower	Upper
43	100		
61	20.6	14.4	21.6
87	14.1	9.5	14.3

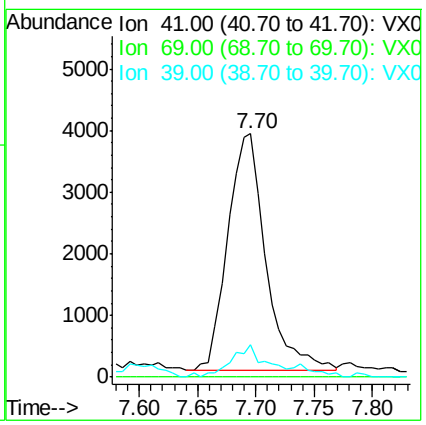


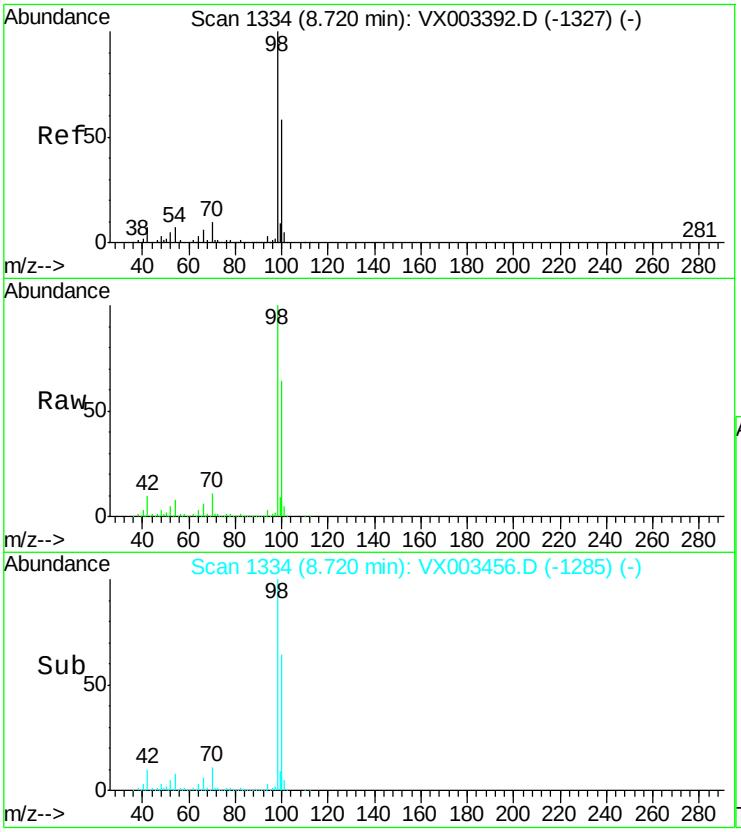


#48
Methyl methacrylate
Concen: 2.34 ug/l
RT: 7.70 min Scan# 1166
Delta R.T. -0.09 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion: 41 Resp: 8745

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	12.4	48.9	73.3#



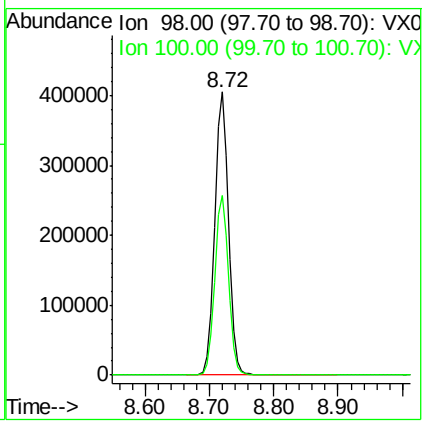


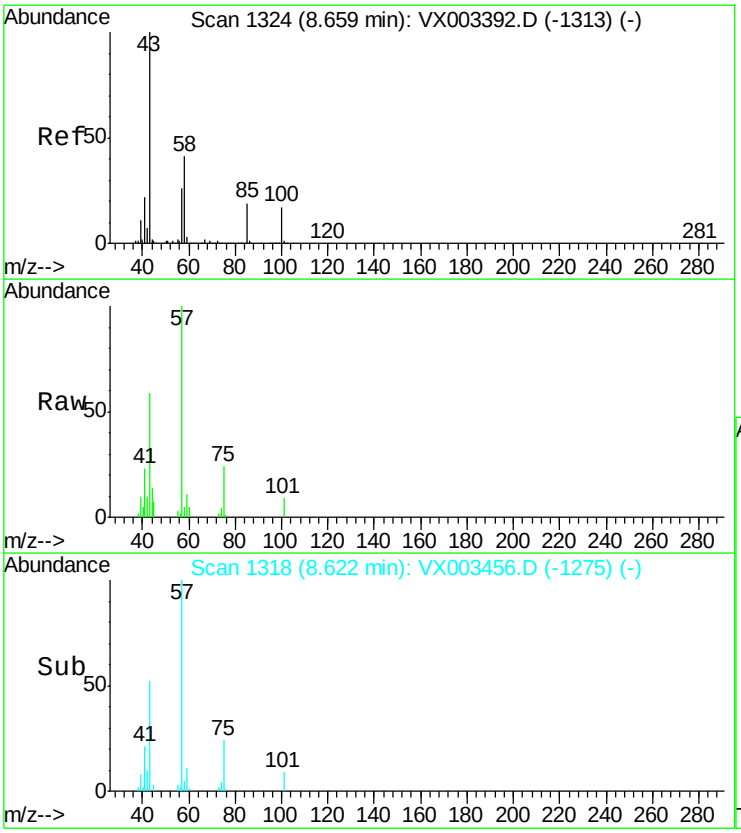
#50
Toluene-d8
Concen: 48.36 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 613843

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3

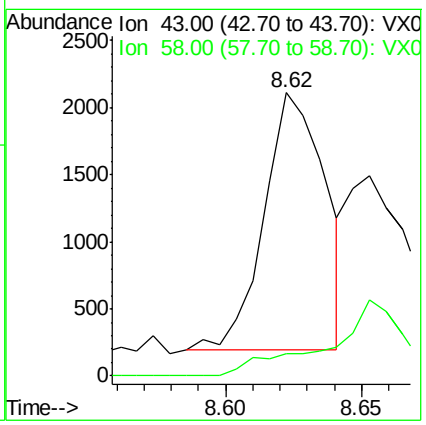


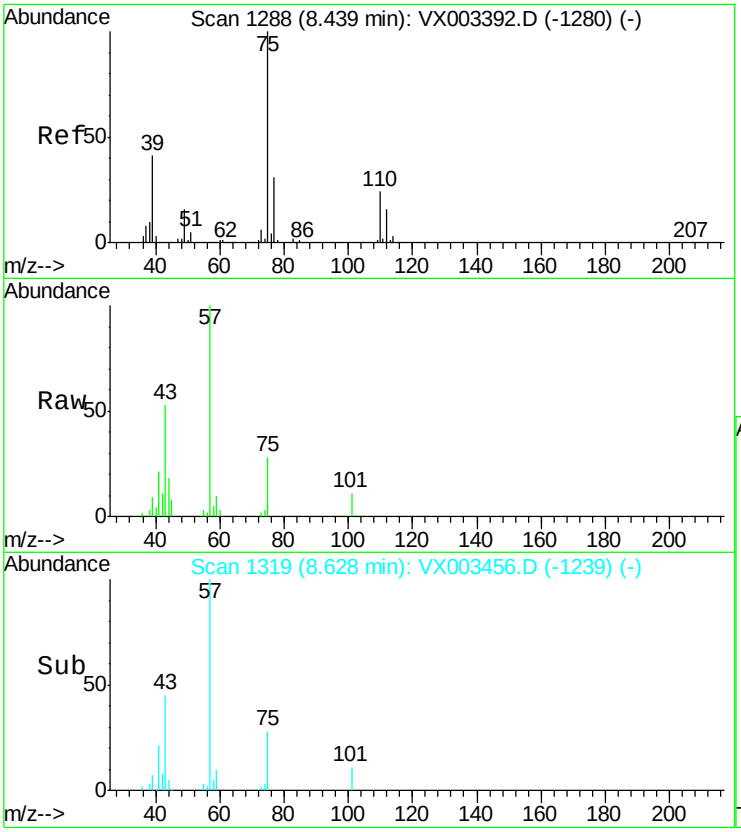


#51
4-Methyl-2-Pentanone
Concen: 0.62 ug/l
RT: 8.62 min Scan# 1318
Delta R.T. -0.04 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion: 43 Resp: 3003

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.6	42.8#



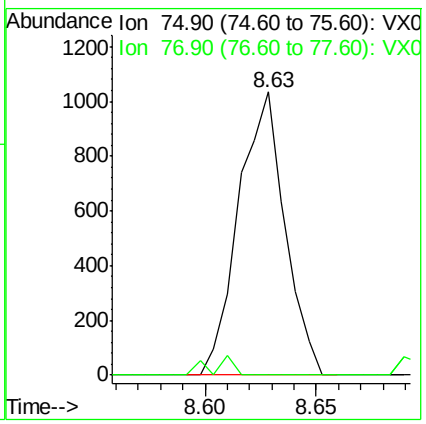


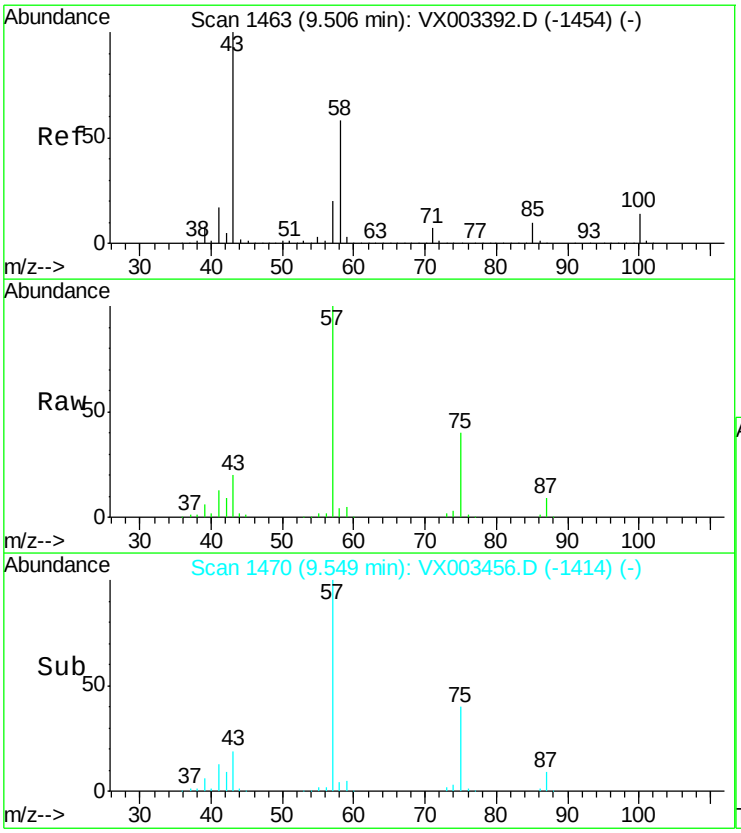
#53
t-1,3-Dichloropropene
Concen: 0.30 ug/l
RT: 8.63 min Scan# 1319
Delta R.T. 0.19 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1494

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#

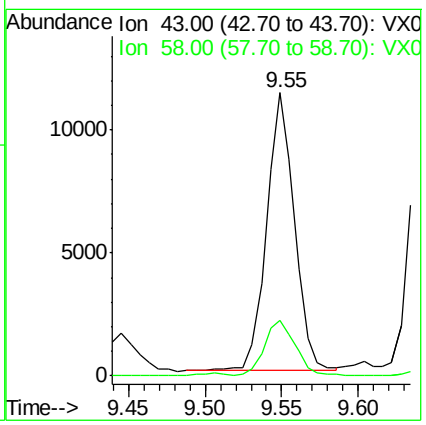


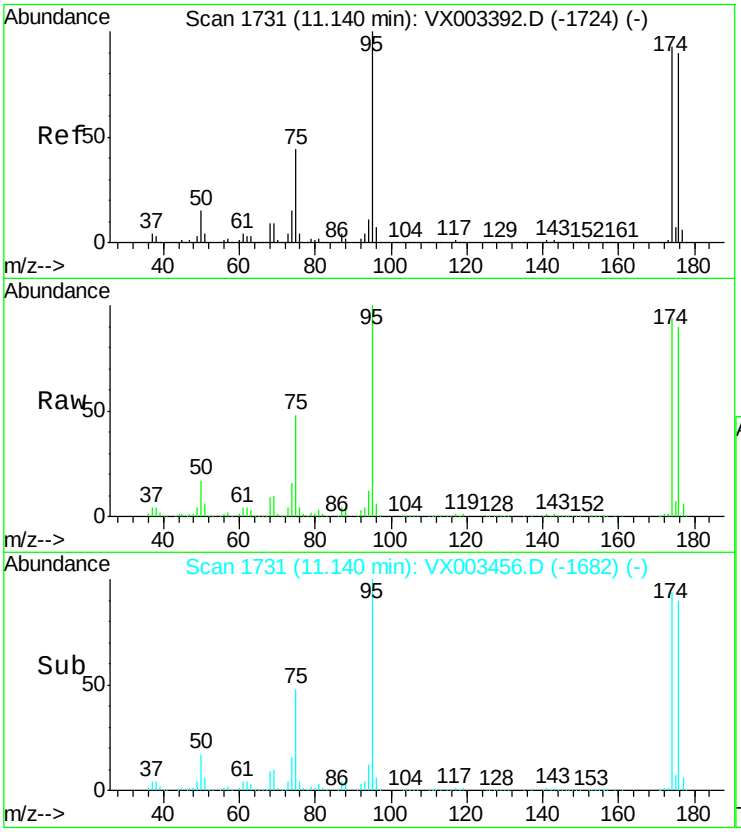


#59
2-Hexanone
Concen: 3.84 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.04 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion: 43 Resp: 14213

Ion	Ratio	Lower	Upper
43	100		
58	22.5	24.6	73.6#



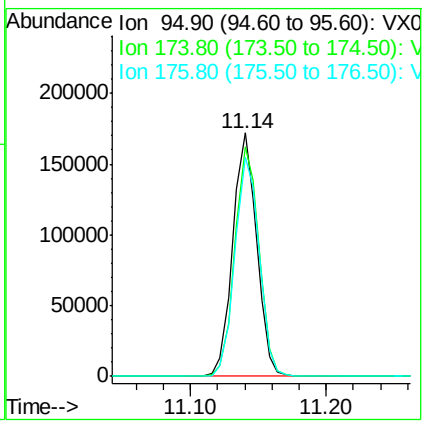


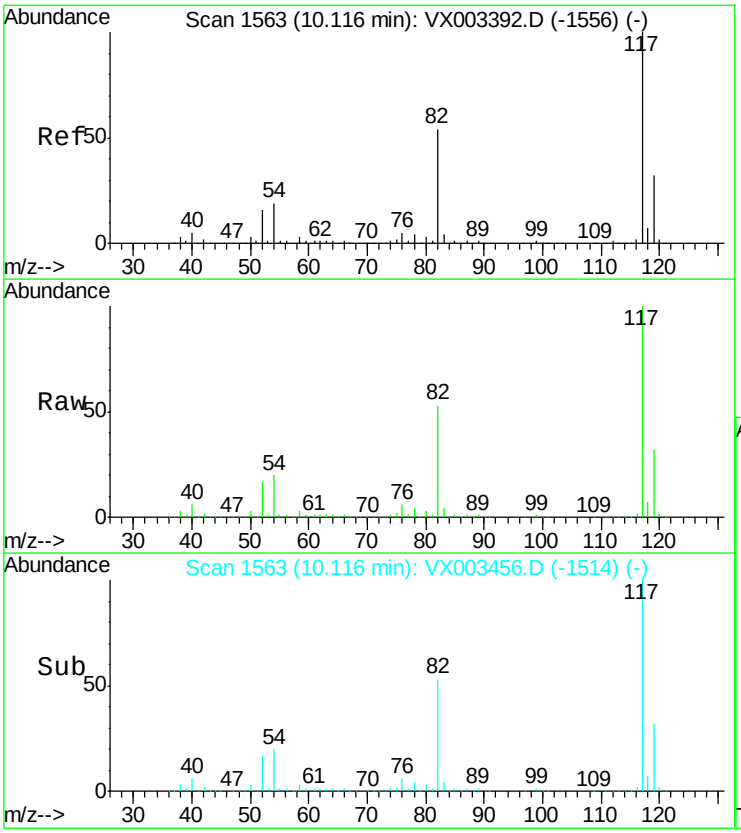
#62
4-Bromofluorobenzene
Concen: 46.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 209994

Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	187.4
176	91.9	0.0	181.0

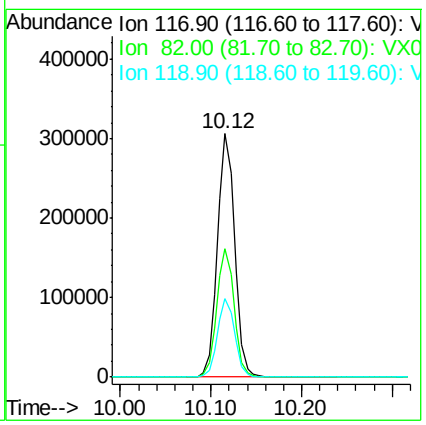


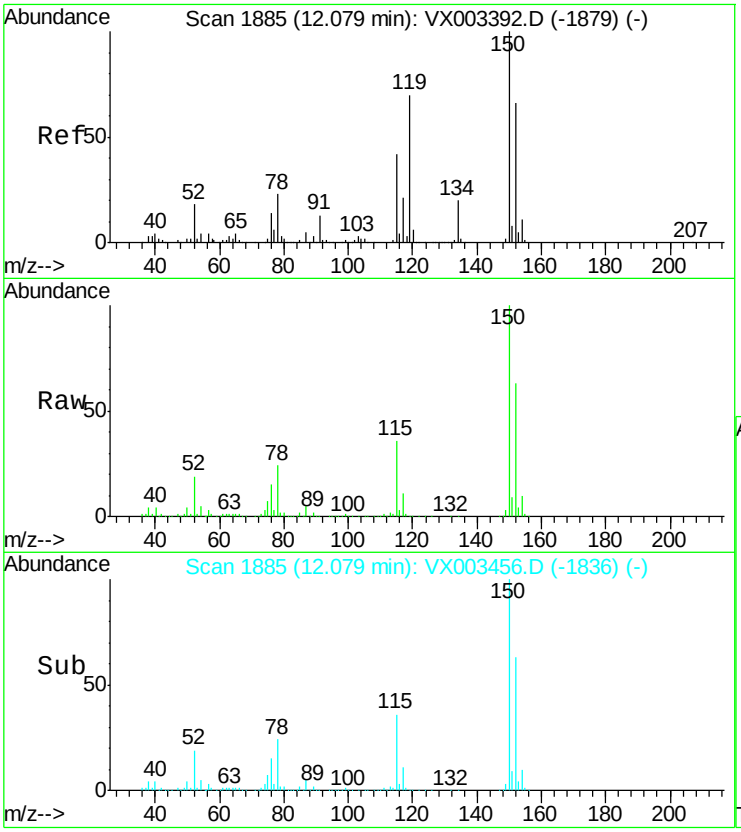


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion:117 Resp: 408294

Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.0	67.4
119	32.5	25.8	38.6



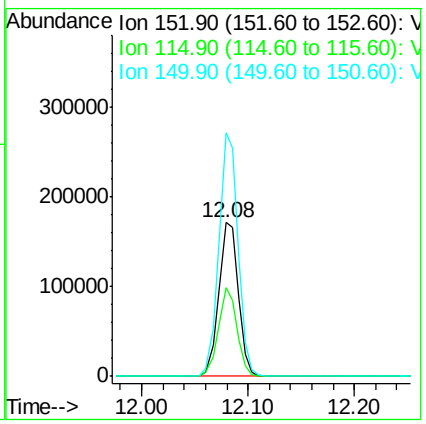


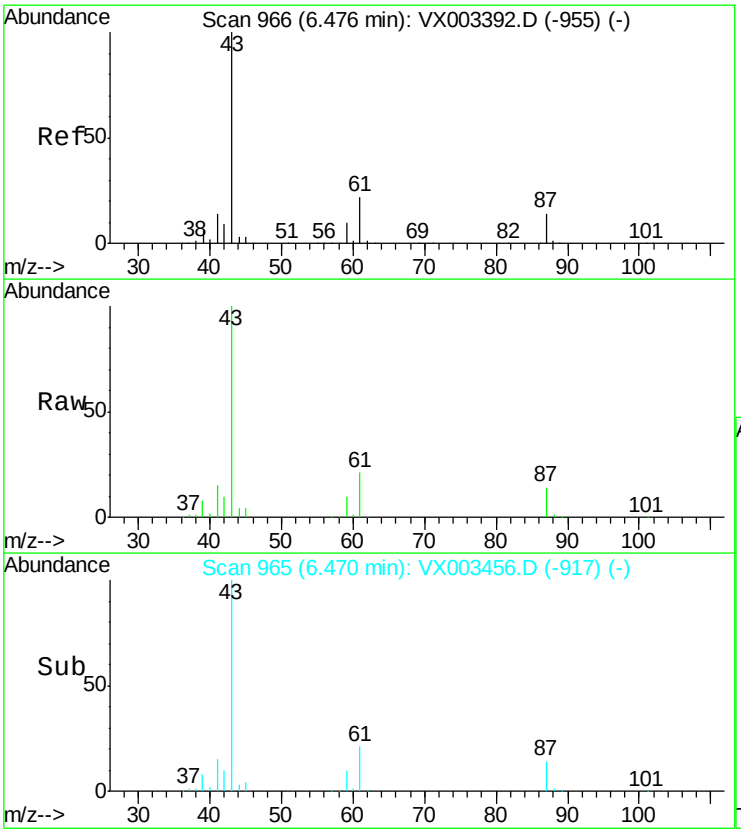
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 220042

Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.1	120.2
150	154.8	0.0	347.2

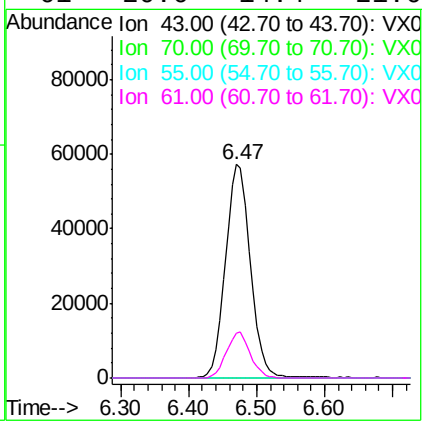


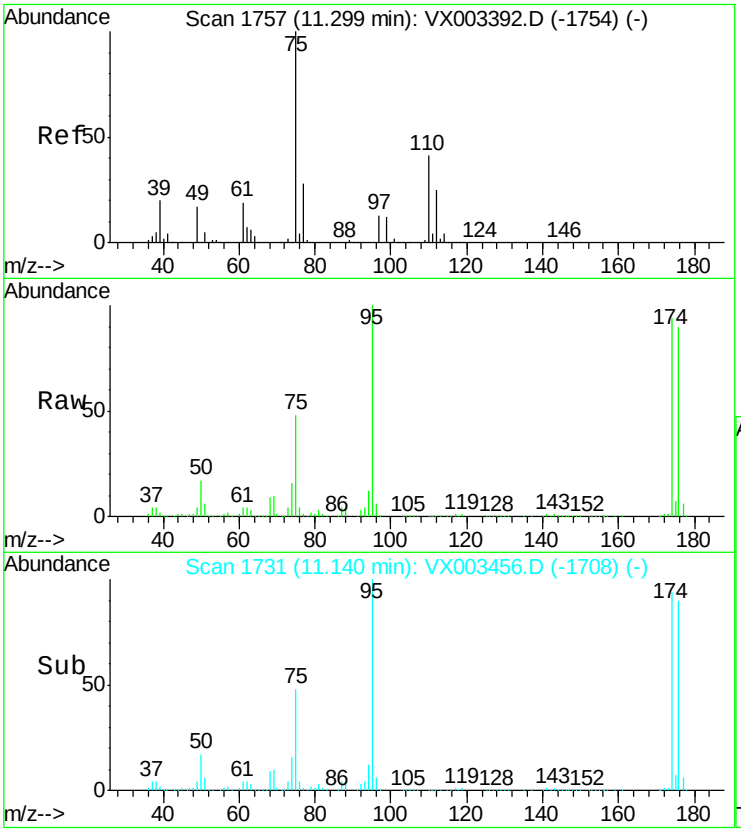


#74
N-amyl acetate
Concen: 21.45 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion: 43 Resp: 145318

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	20.6	14.4	21.6



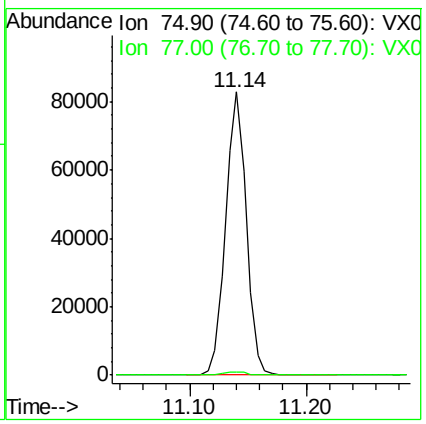


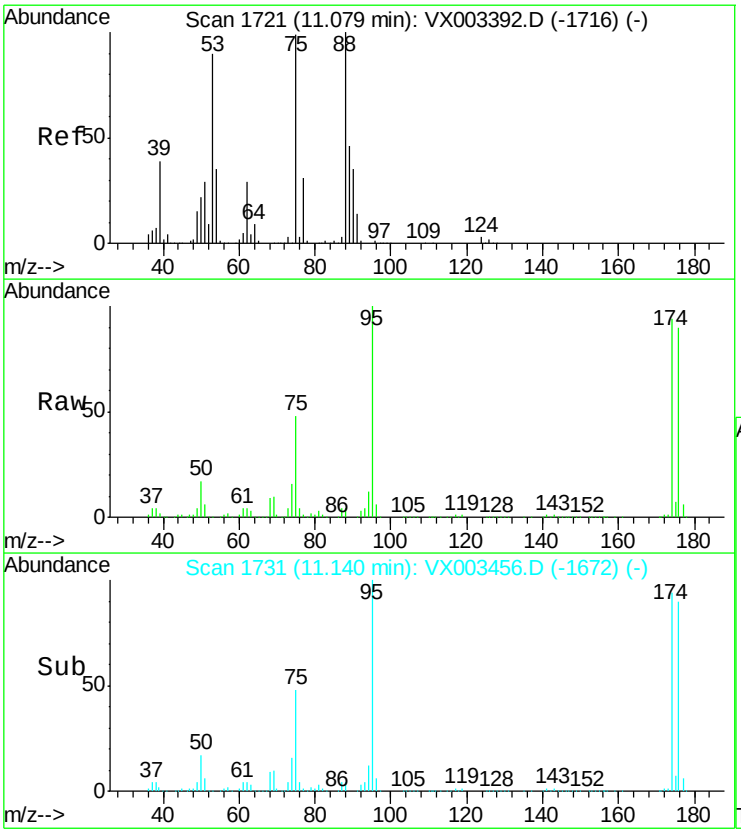
#76
1,2,3-Trichloropropane
Concen: 25.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 101959

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

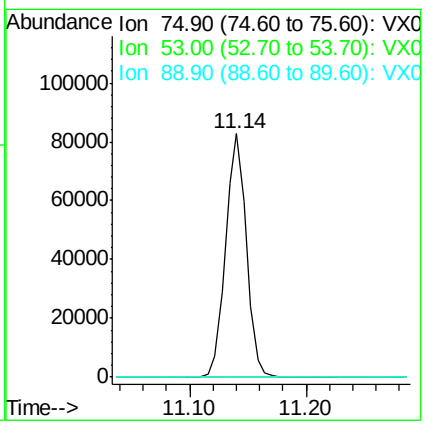


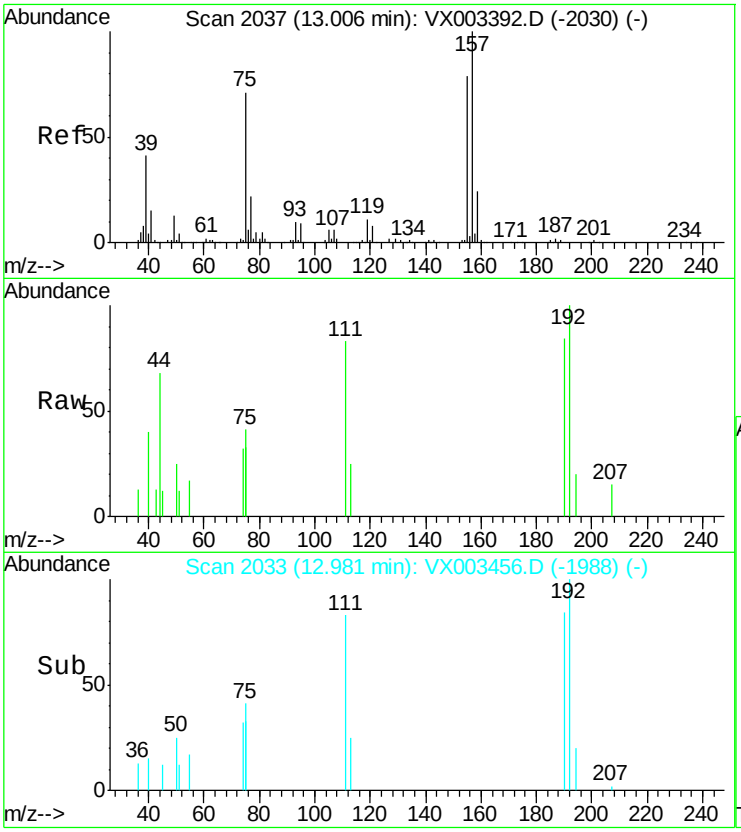


#81
trans-1,4-Dichloro-2-butene
Concen: 83.15 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Tgt Ion: 75 Resp: 101959

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.34 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX003456.D
Acq: 18 Jul 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 328

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.8	137.4#
157	0.0	60.1	180.3#