Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002520.D
Acq On : 13 Jun 2018 20:28
Operator : JC/MD
Sample : J3404-06 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:49:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	200552	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	292487	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	279675	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158569	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	144126	50.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.54%				
35) Dibromofluoromethane	5.51	113	108245	47.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.12%				
50) Toluene-d8	8.72	98	431002	48.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.78%				
62) 4-Bromofluorobenzene	11.14	95	151592	44.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.18%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	334	Below Cal		#	67
4) Vinyl Chloride	1.41	62	971	0.37	ug/l		95
5) Bromomethane	1.65	94	685	Below Cal		#	55
6) Chloroethane	1.73	64	430	0.25	ug/l	#	30
8) Diethyl Ether	1.98	74	65	Below Cal			60
10) Methyl Iodide	2.52	142	1014	0.33	ug/l	#	90
11) Tert butyl alcohol	3.09	59	101	Below Cal		#	1
13) Acrolein	2.29	56	75	Below Cal			90
15) Acrylonitrile	3.16	53	386	Below Cal		#	39
16) Acetone	2.45	43	16873	Below Cal			97
18) Methyl Acetate	2.79	43	732	Below Cal		#	67
19) Methyl tert-butyl Ether	3.19	73	44	Below Cal		#	1
20) Methylene Chloride	2.86	84	650	Below Cal		#	63
22) Diisopropyl ether	3.89	45	178	Below Cal		#	65
25) 2-Butanone	4.71	43	29372	14.94	ug/l		98
27) cis-1,2-Dichloroethene	4.60	96	2440	0.95	ug/l		63
28) Bromochloromethane	5.10	49	22	Below Cal		#	13
29) Tetrahydrofuran	5.18	42	481	0.38	ug/l	#	42
31) Cyclohexane	5.67	56	4767	1.32	ug/l	#	15
36) 1,1-Dichloropropene	5.67	75	14604	4.75	ug/l	#	51
37) Ethyl Acetate	4.71	43	29372	7.94	ug/l	#	70
38) Carbon Tetrachloride	5.67	117	19272	5.99	ug/l	#	15
39) Methylcyclohexane	7.45	83	18	0.27	ug/l	#	16
44) Trichloroethene	7.21	130	1160	0.44	ug/l		89
51) 4-Methyl-2-Pentanone	8.65	43	1872	0.48	ug/l		99
59) 2-Hexanone	9.51	43	1864	0.62	ug/l		86
76) 1,2,3-Trichloropropane	11.14	75	82850	23.81	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	82850	83.47	ug/l	#	6

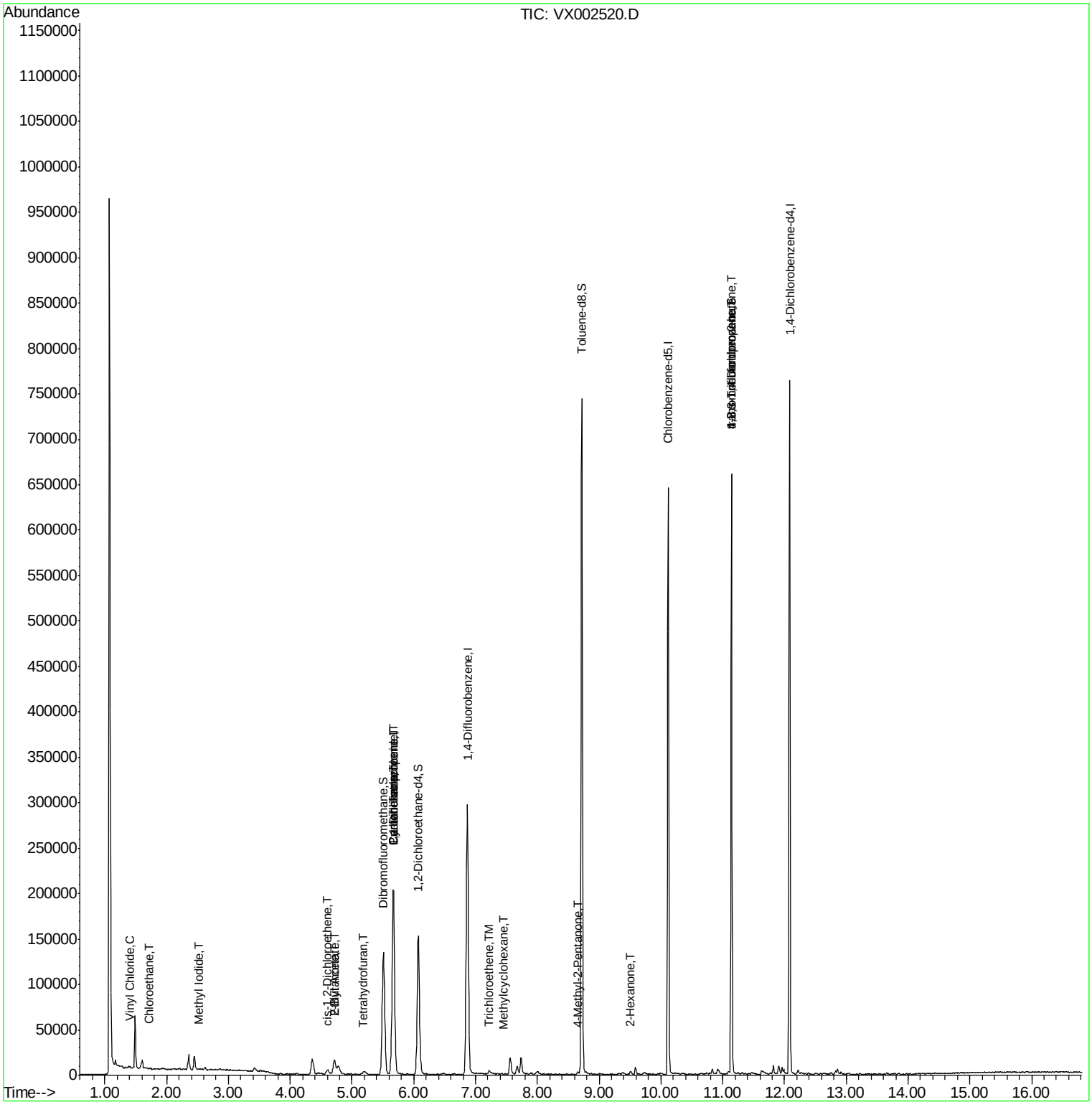
(#) = qualifier out of range (m) = manual integration (+) = signals summed

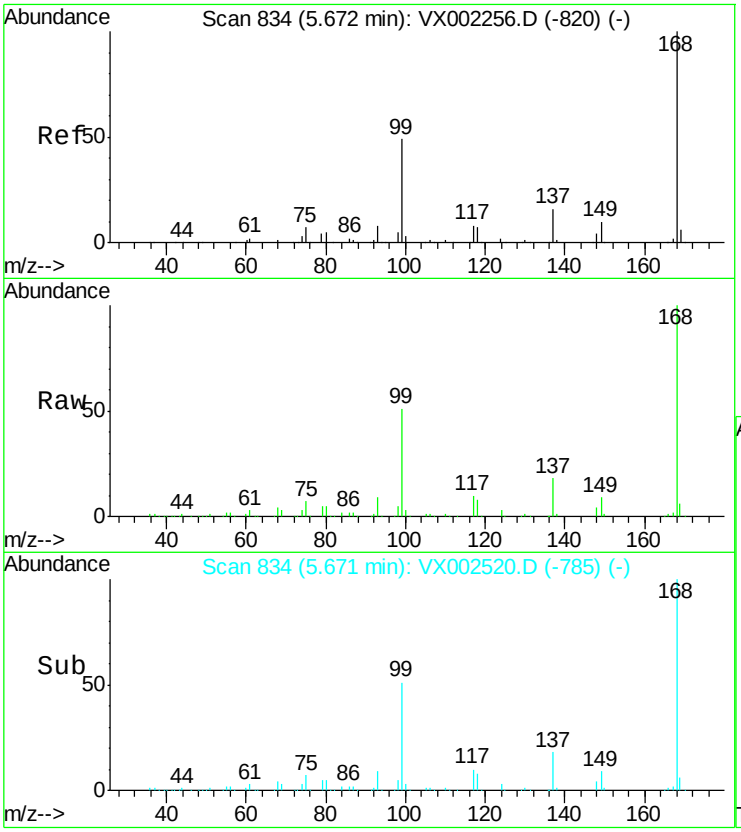
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002520.D
Acq On : 13 Jun 2018 20:28
Operator : JC/MD
Sample : J3404-06 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:49:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



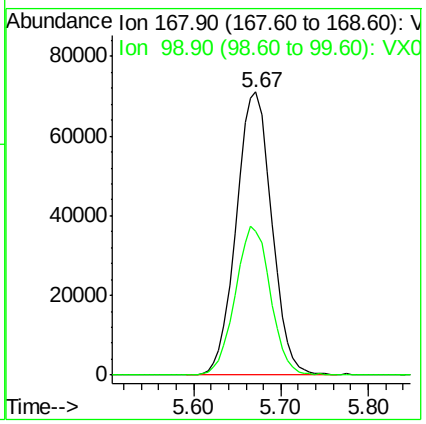


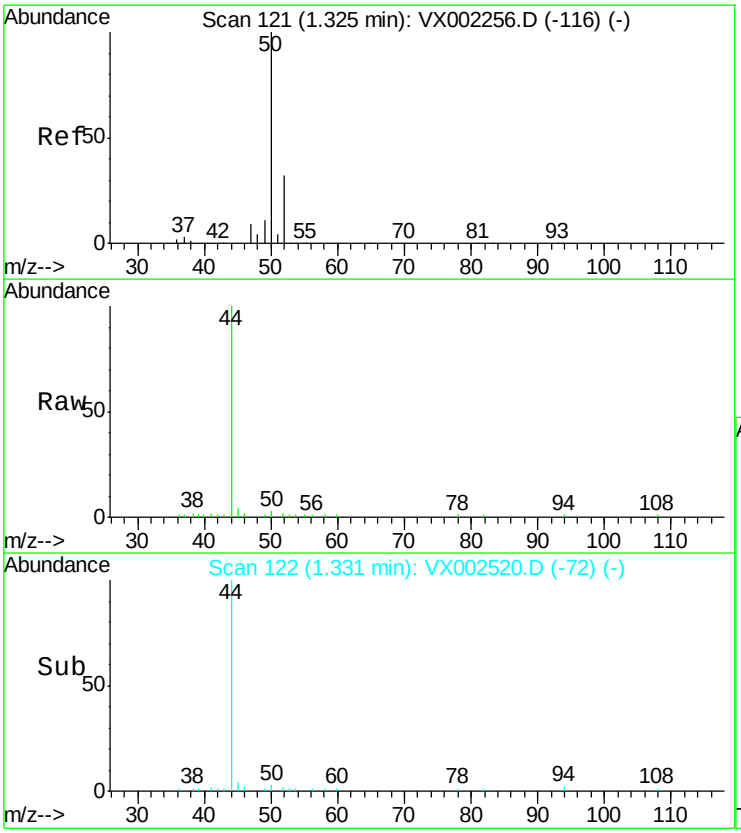
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 200552

Ion	Ratio	Lower	Upper
168	100		
99	50.7	39.3	58.9

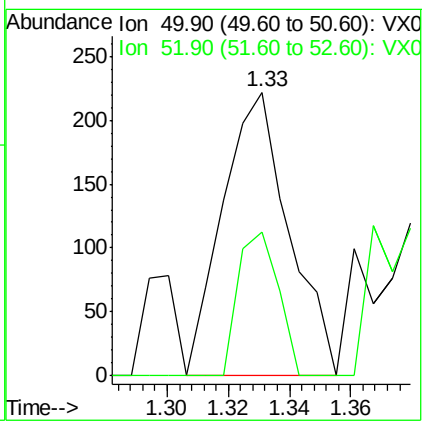


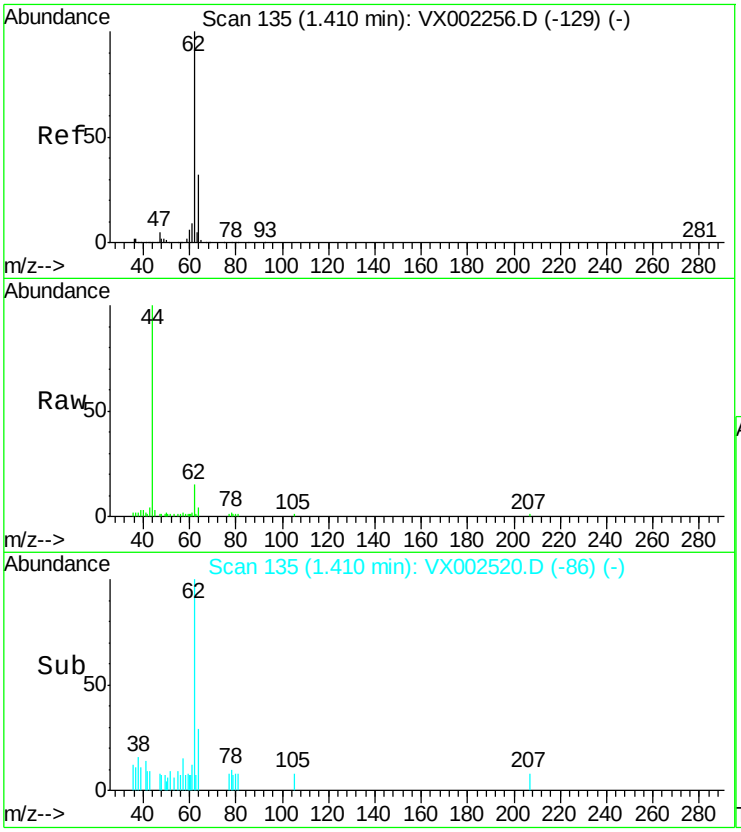


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 50 Resp: 334

Ion	Ratio	Lower	Upper
50	100		
52	50.5	25.7	38.5#



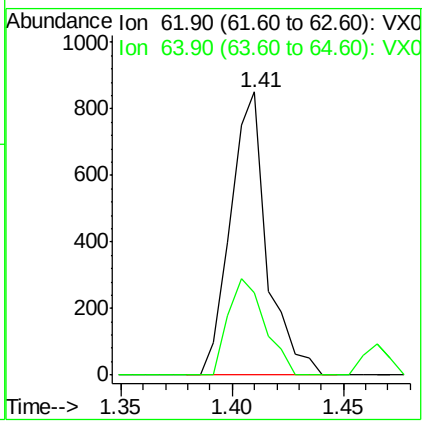


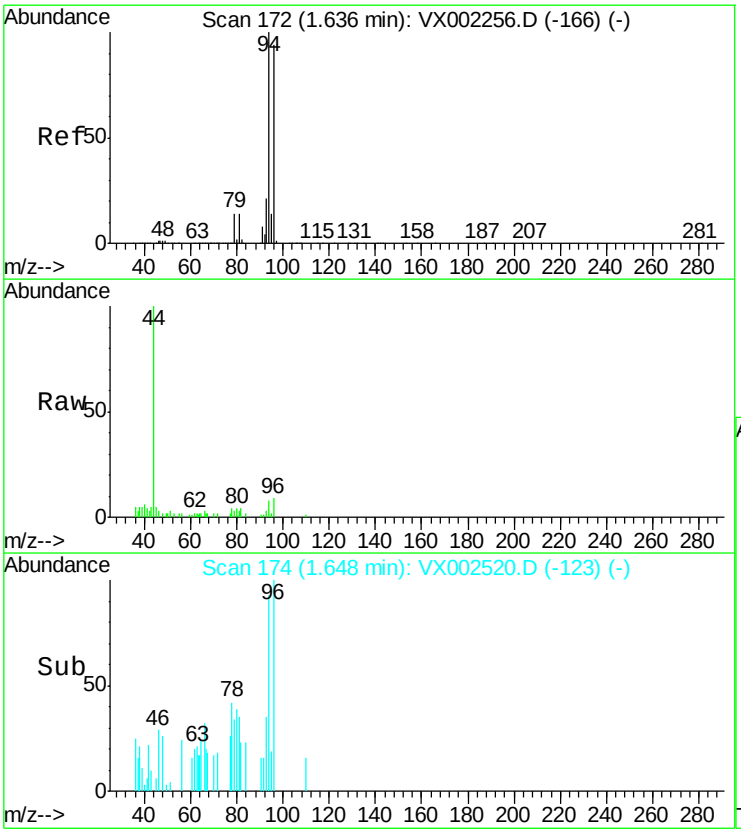
#4
Vinyl Chloride
Concen: 0.37 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 971

Ion	Ratio	Lower	Upper
62	100		
64	28.9	25.4	38.2

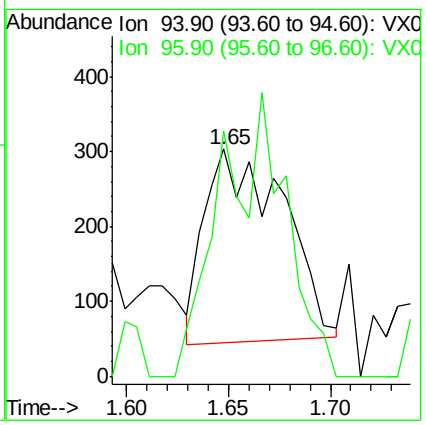


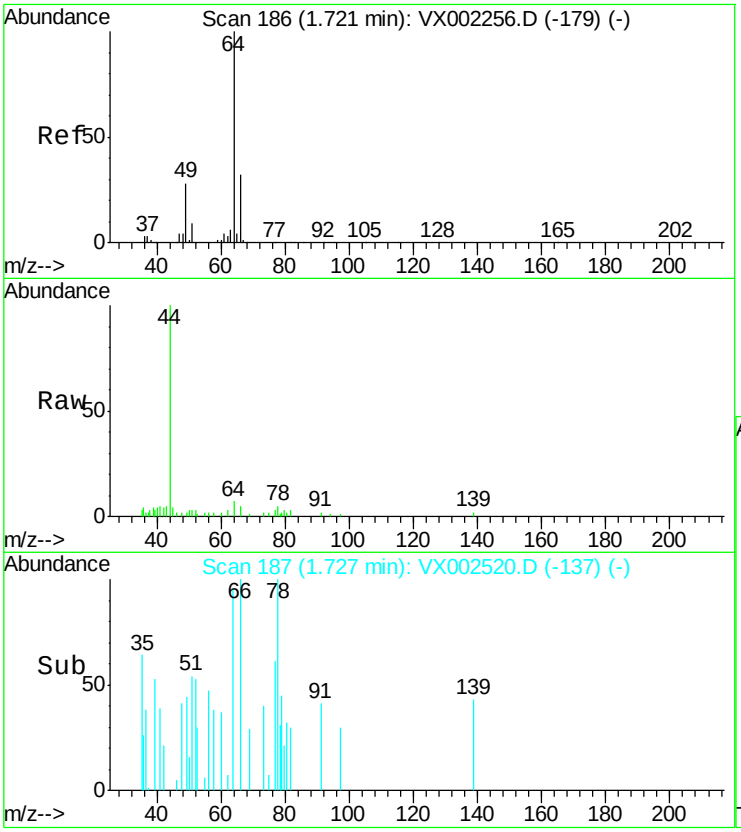


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 94 Resp: 685

Ion	Ratio	Lower	Upper
94	100		
96	136.8	74.9	112.3#



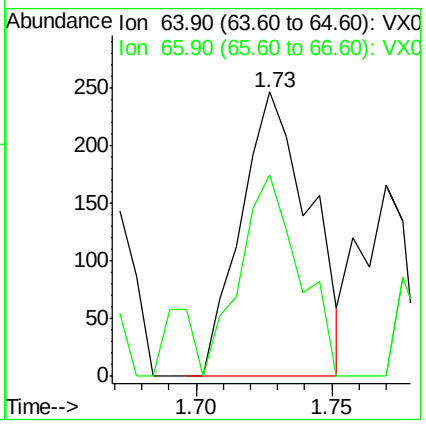


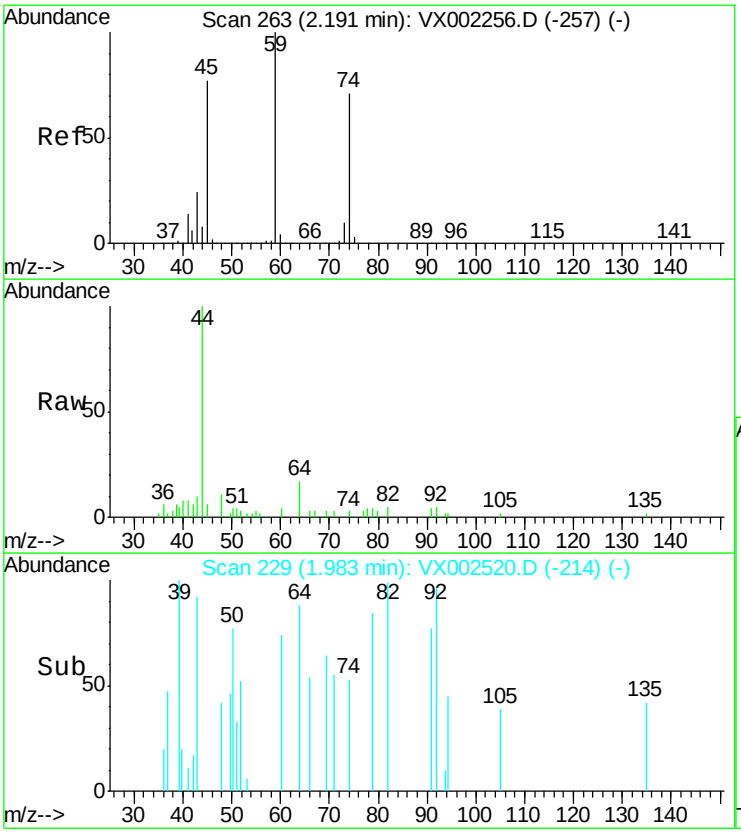
#6
Chloroethane
Concen: 0.25 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 430

Ion	Ratio	Lower	Upper
64	100		
66	70.7	25.5	38.3#

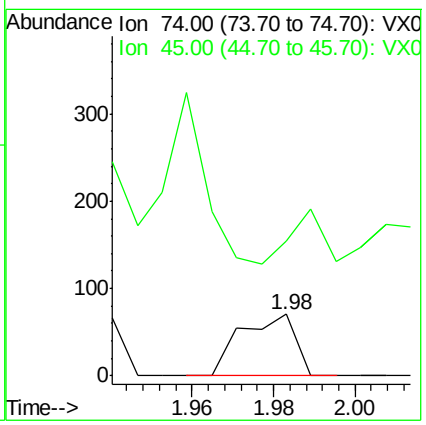


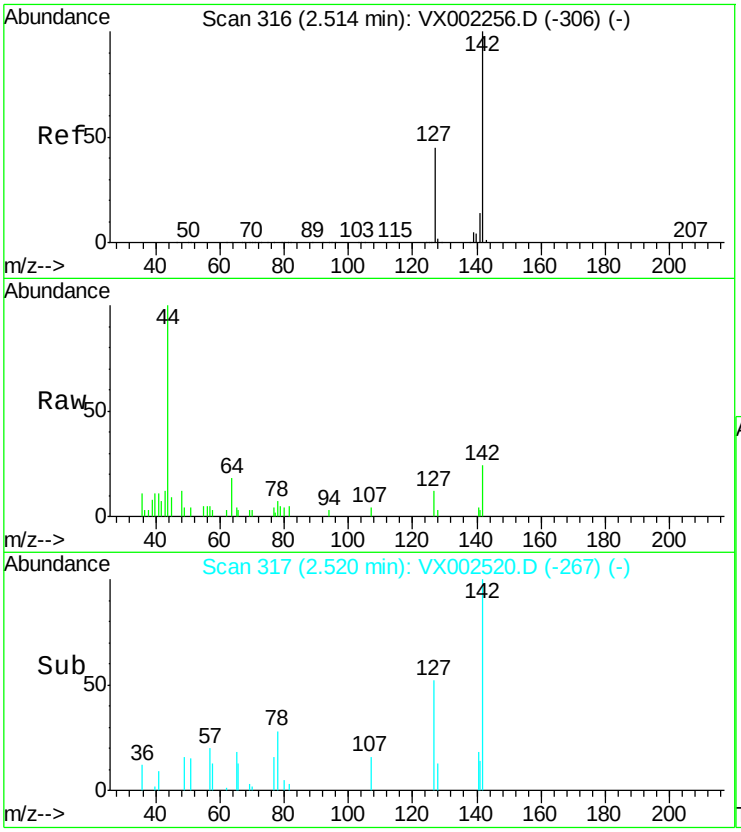


#8
Diethyl Ether
Concen: Below Cal
RT: 1.98 min Scan# 229
Delta R.T. -0.21 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 74 Resp: 65

Ion	Ratio	Lower	Upper
74	100		
45	64.6	53.1	159.4



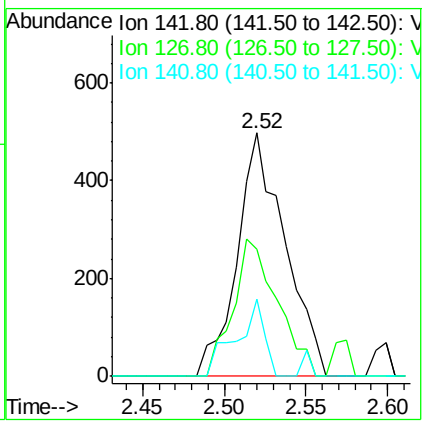


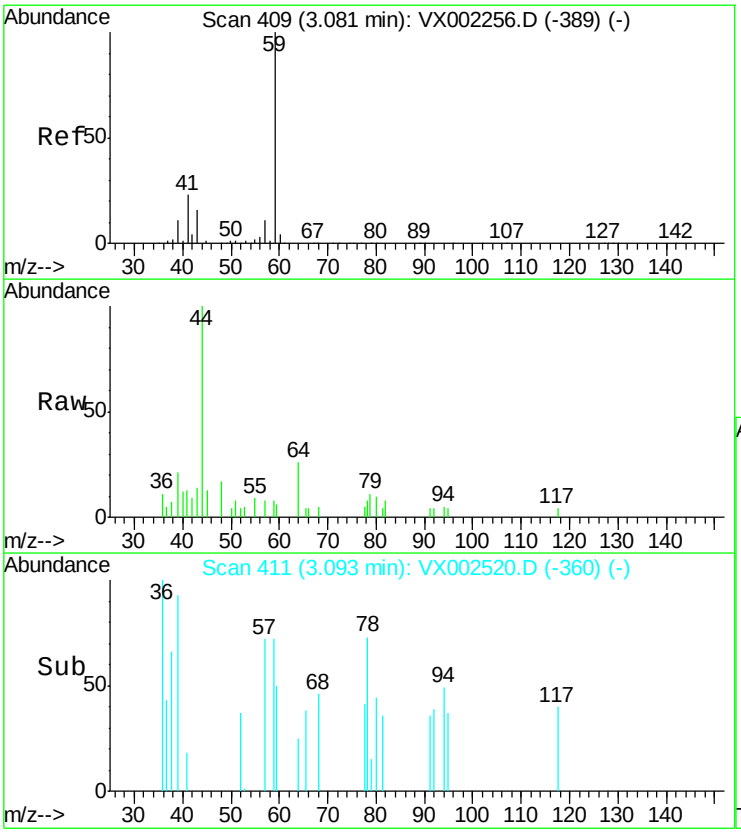
#10
Methyl Iodide
Concen: 0.33 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1014

Ion	Ratio	Lower	Upper
142	100		
127	52.3	36.6	55.0
141	18.9	11.3	16.9#

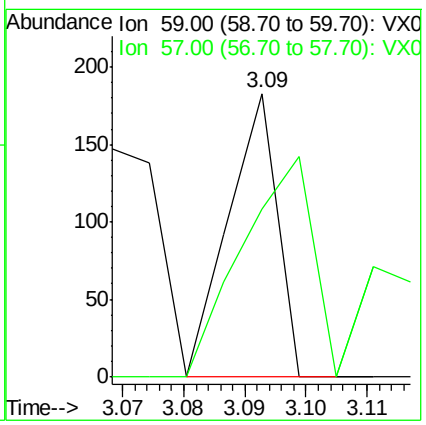


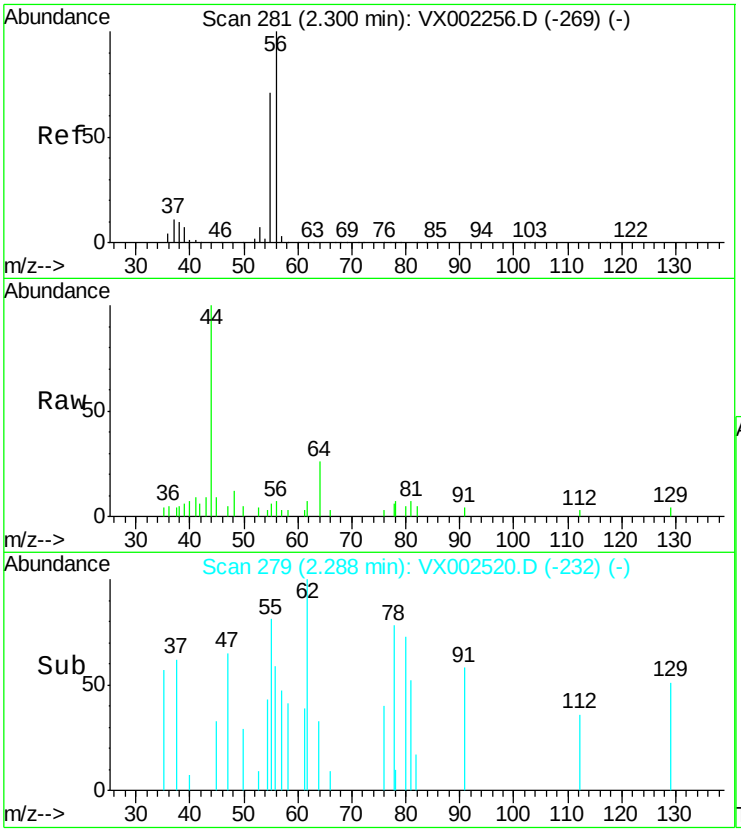


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 59 Resp: 101

Ion	Ratio	Lower	Upper
59	100		
57	112.9	8.2	12.2#



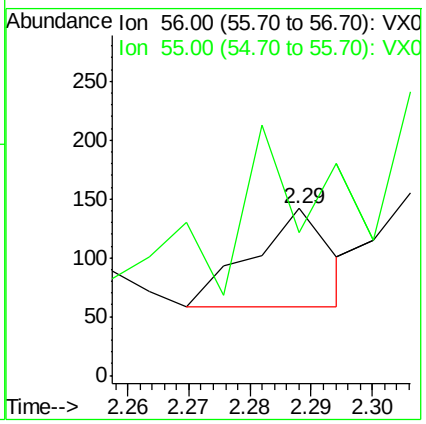


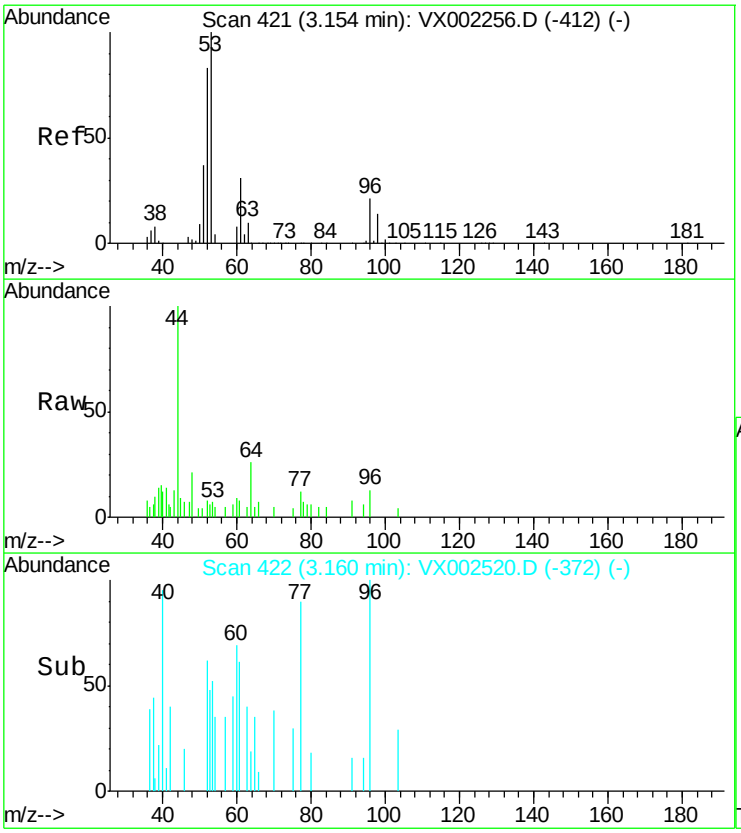
#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 75

Ion	Ratio	Lower	Upper
56	100		
55	62.7	57.0	85.4

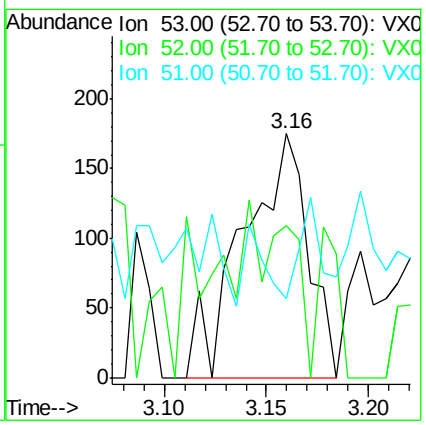


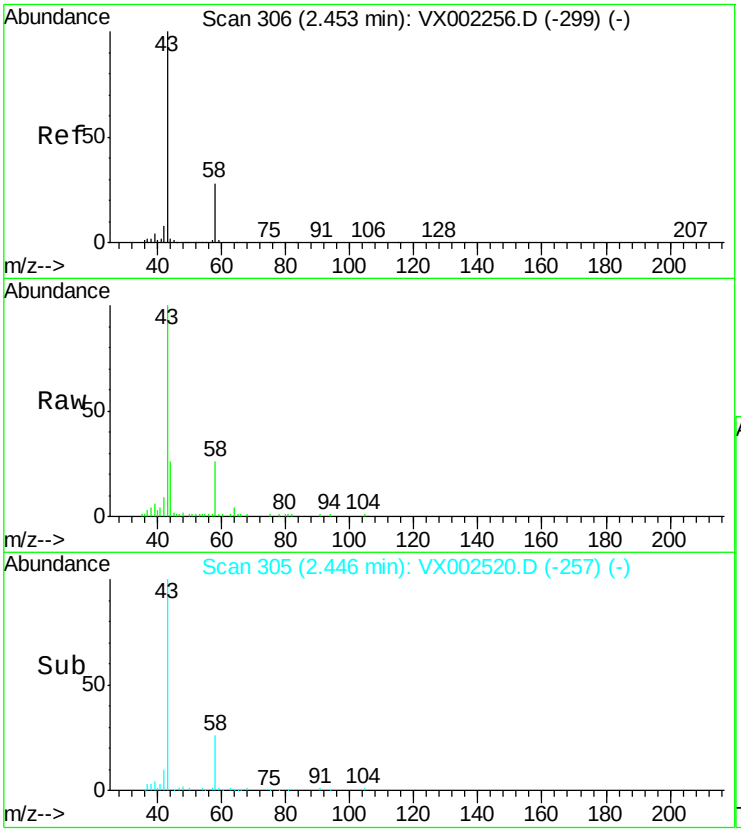


#15
Acrylonitrile
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 53 Resp: 386

Ion	Ratio	Lower	Upper
53	100		
52	18.7	66.7	100.1#
51	14.8	29.9	44.9#



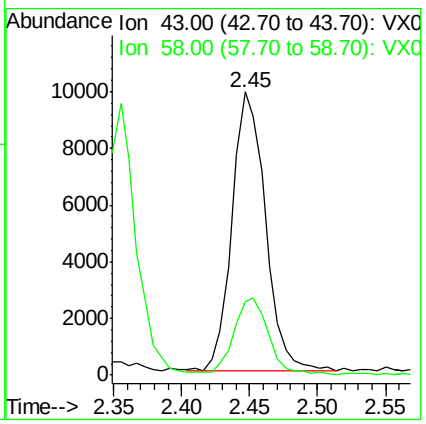


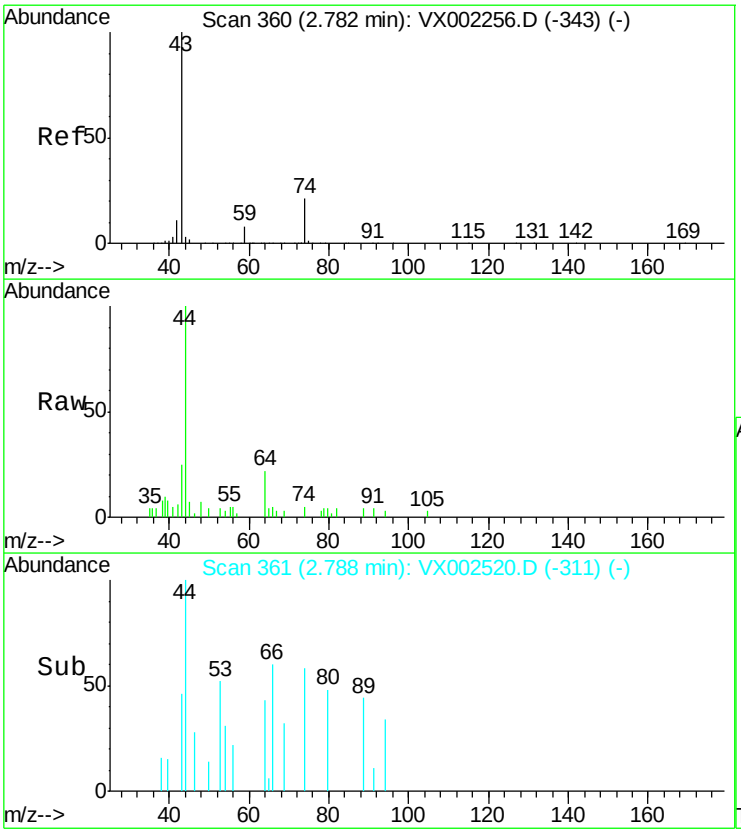
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 16873

Ion	Ratio	Lower	Upper
43	100		
58	26.2	22.1	33.1

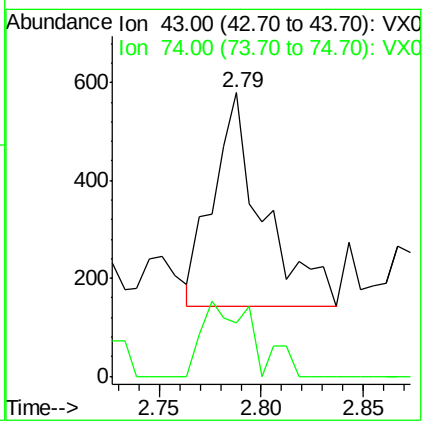


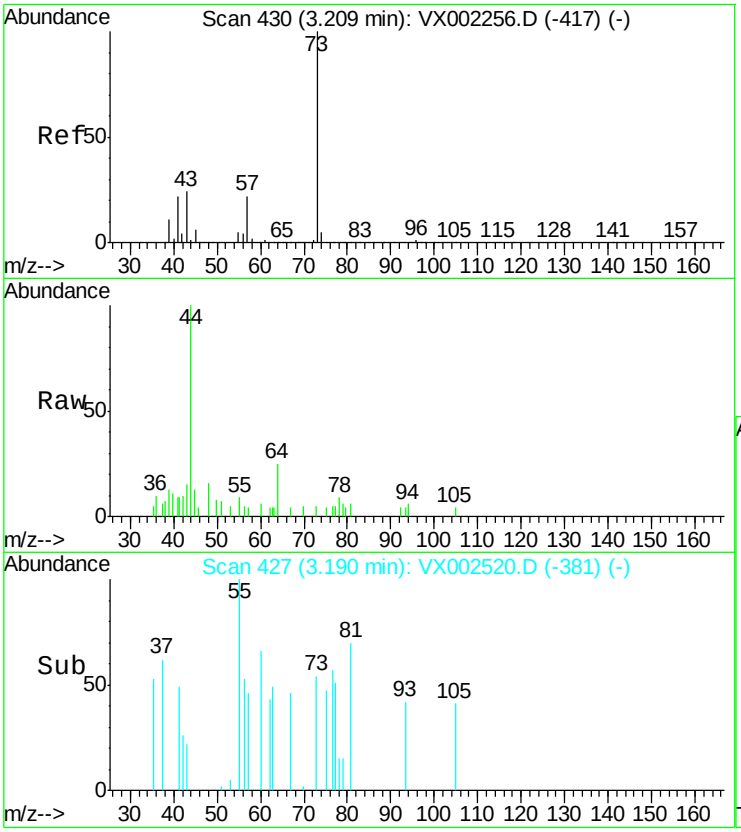


#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 43 Resp: 732

Ion	Ratio	Lower	Upper
43	100		
74	36.5	16.7	25.1#



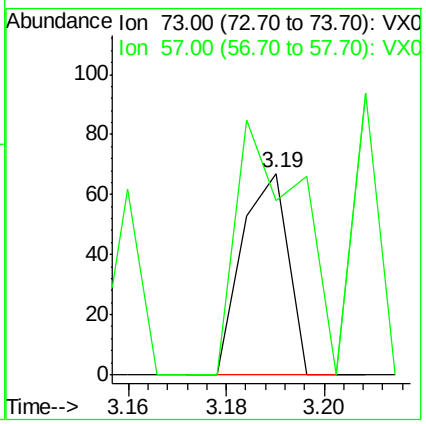


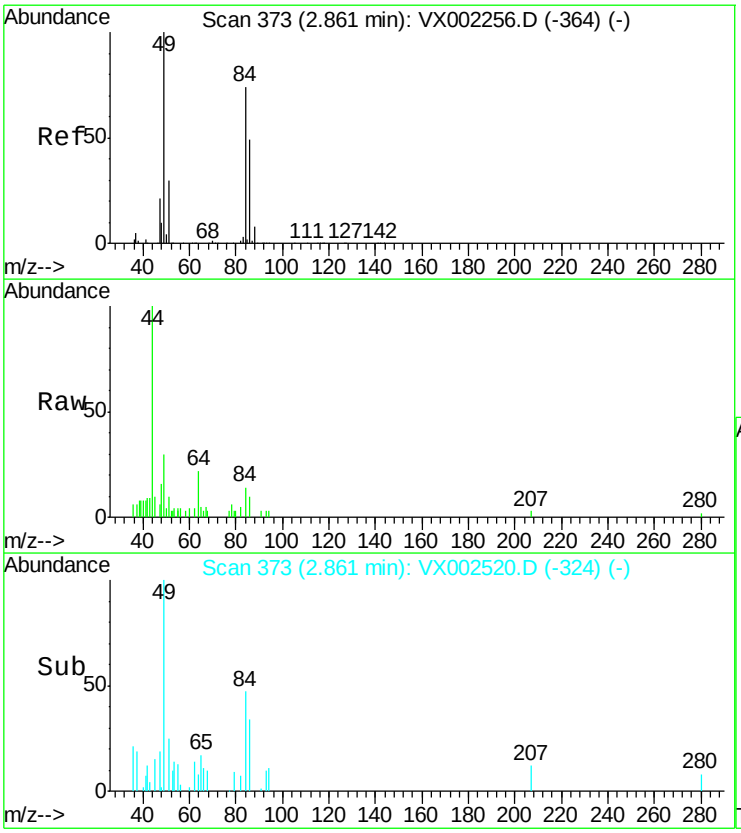
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.19 min Scan# 427
Delta R.T. -0.02 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 44

Ion	Ratio	Lower	Upper
73	100		
57	86.6	17.7	26.5#

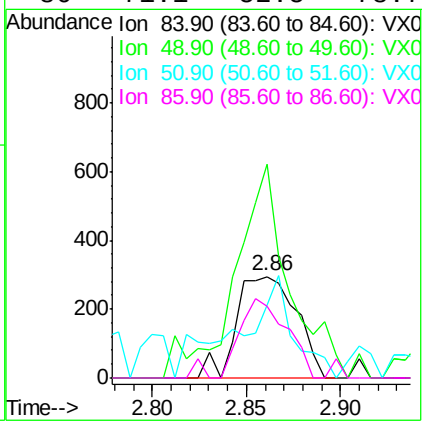


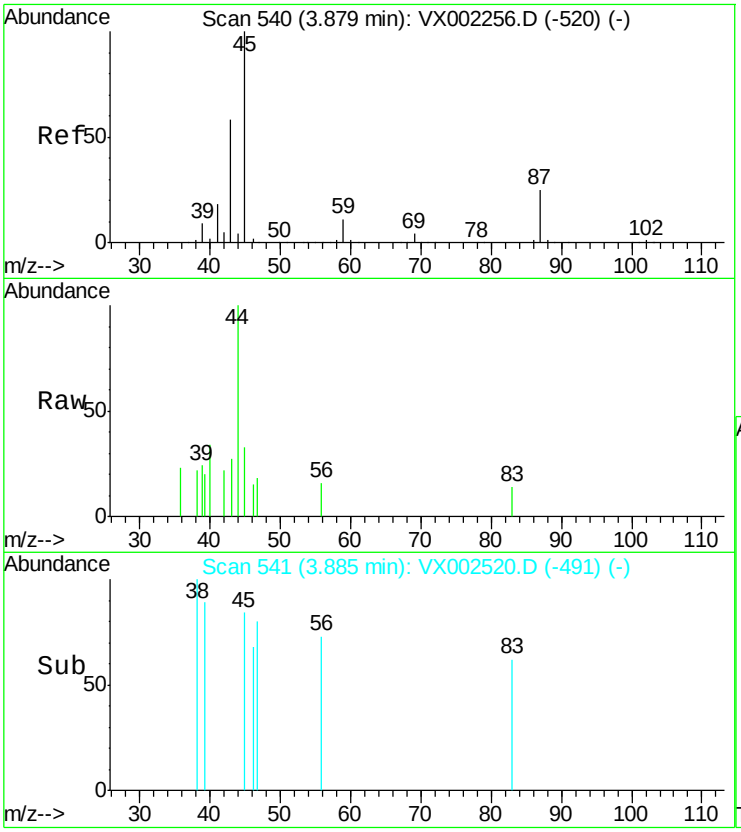


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 84 Resp: 650

Ion	Ratio	Lower	Upper
84	100		
49	192.5	107.8	161.6#
51	71.8	32.8	49.2#
86	71.1	52.5	78.7



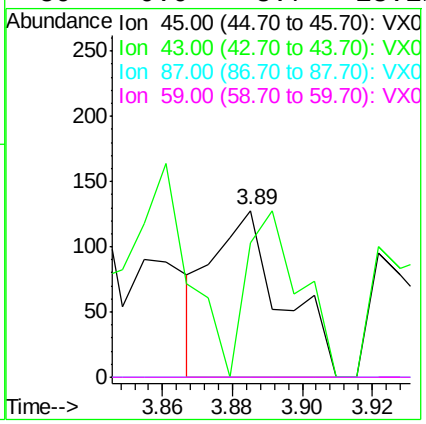


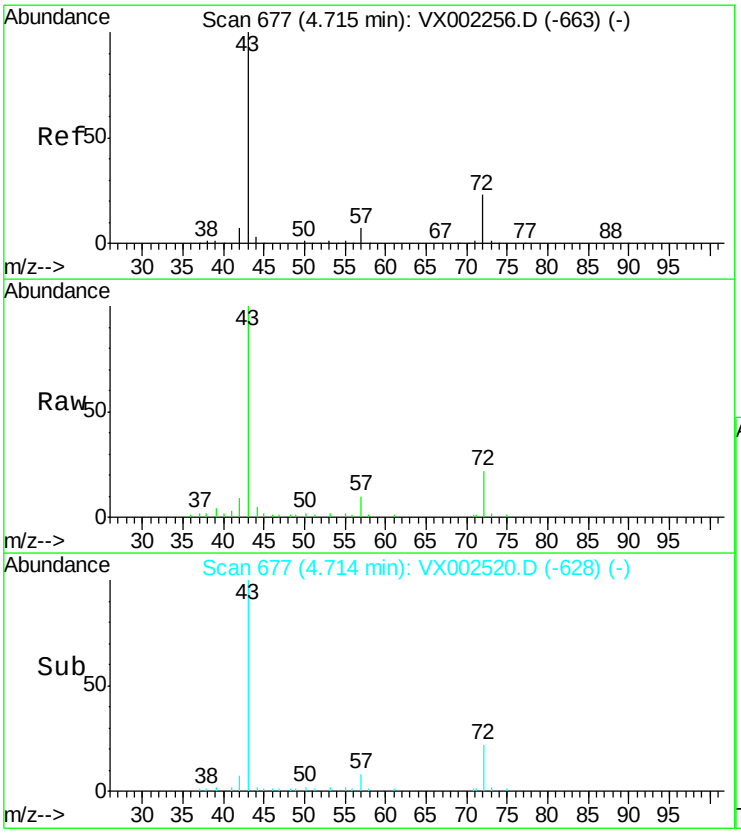
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 178

Ion	Ratio	Lower	Upper
45	100		
43	80.5	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

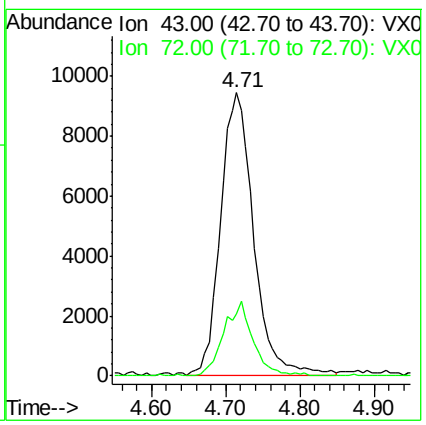


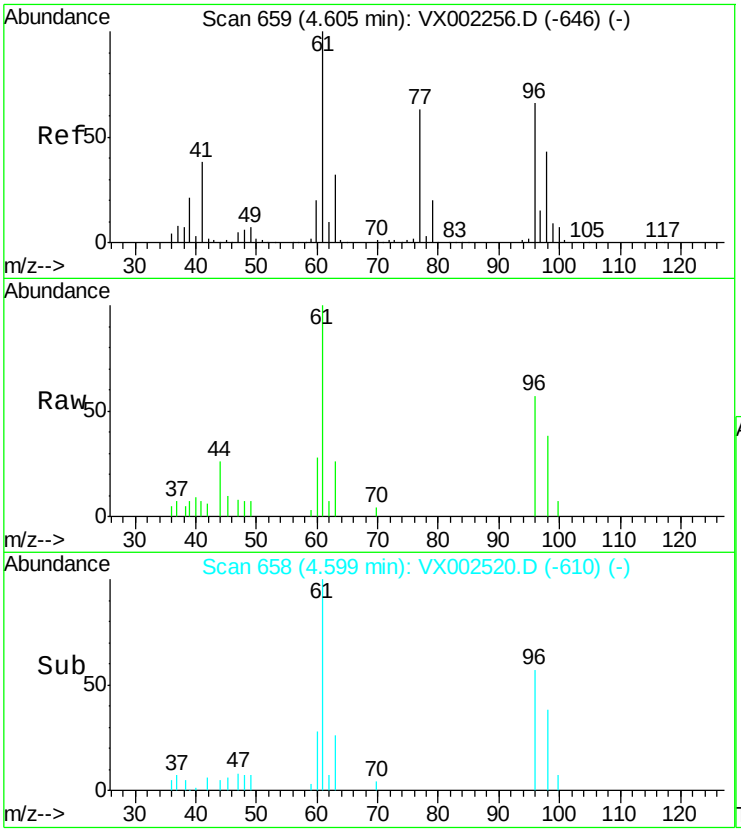


#25
2-Butanone
Concen: 14.94 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 43 Resp: 29372

Ion	Ratio	Lower	Upper
43	100		
72	21.9	18.5	27.7



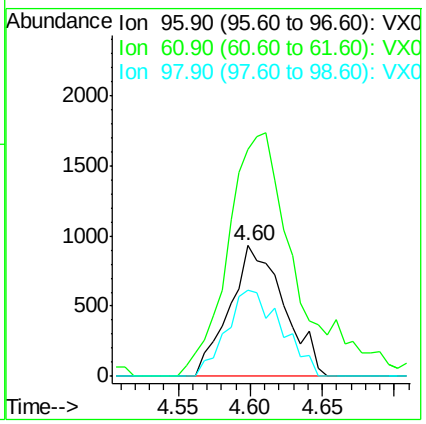


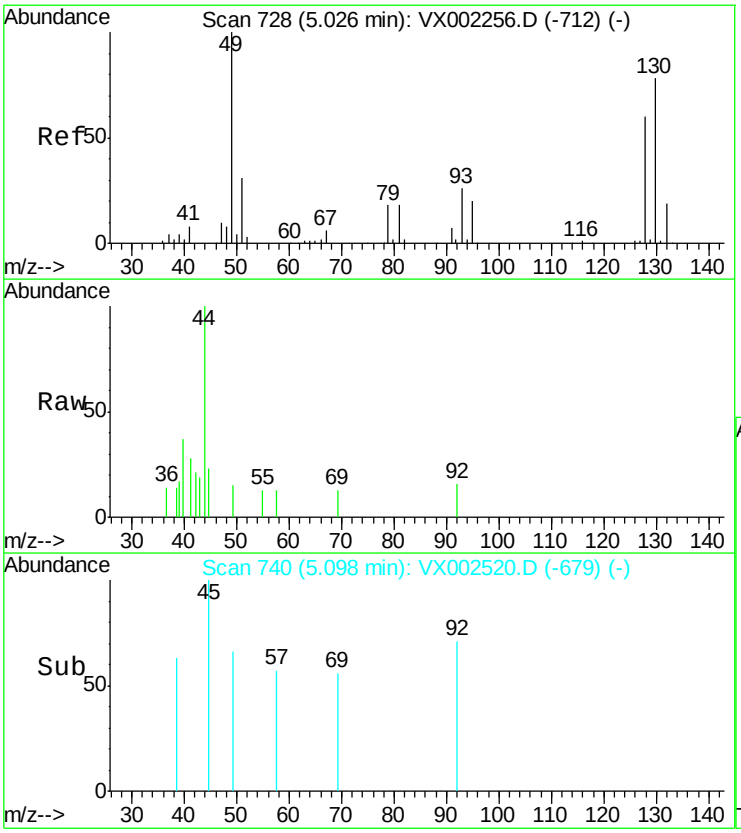
#27
cis-1,2-Dichloroethene
Concen: 0.95 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 2440

Ion	Ratio	Lower	Upper
96	100		
61	233.5	0.0	330.2
98	66.7	0.0	130.2

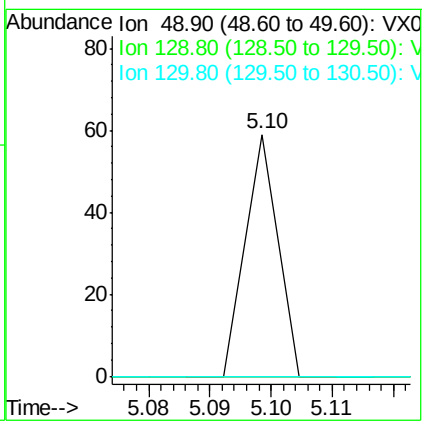


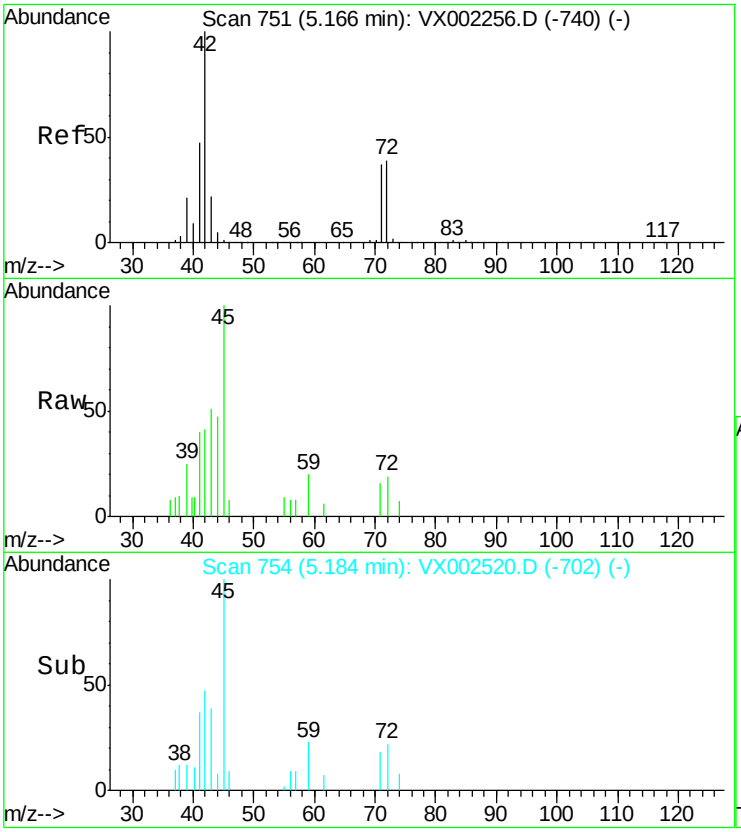


#28
Bromochloromethane
Concen: Below Cal
RT: 5.10 min Scan# 740
Delta R.T. 0.07 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 49 Resp: 22

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	61.2	91.8#



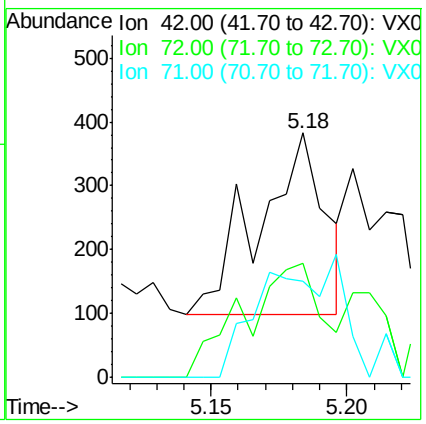


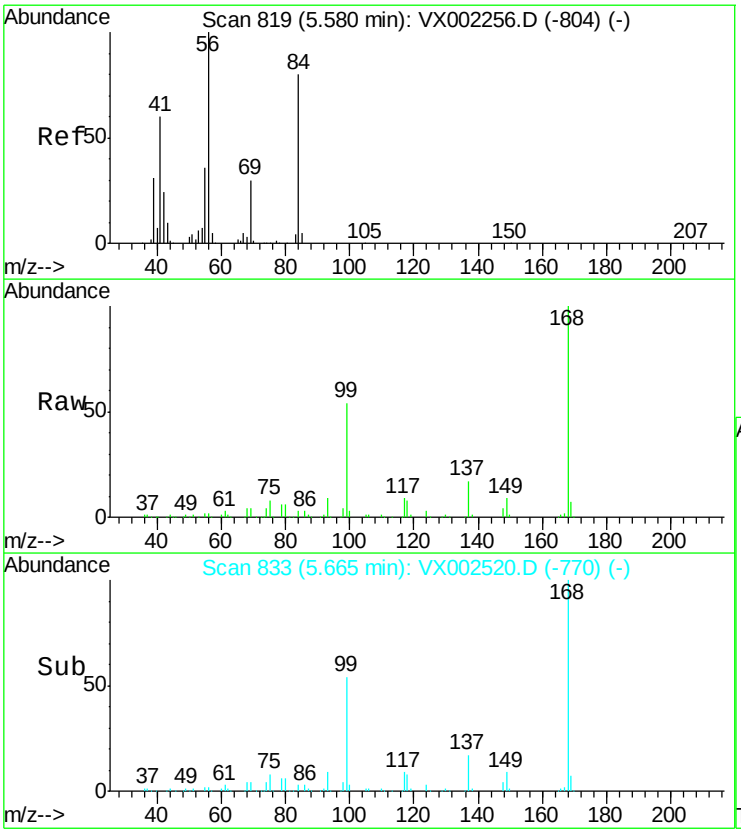
#29
Tetrahydrofuran
Concen: 0.38 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 481

Ion	Ratio	Lower	Upper
42	100		
72	72.8	32.0	48.0#
71	0.0	30.1	45.1#

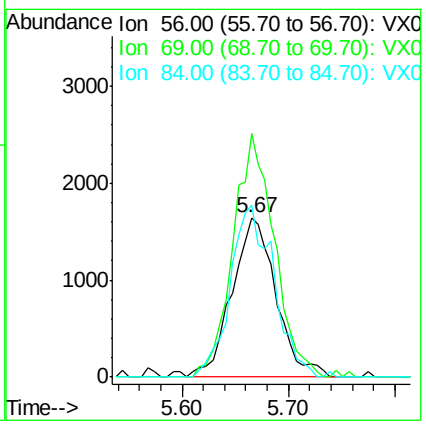


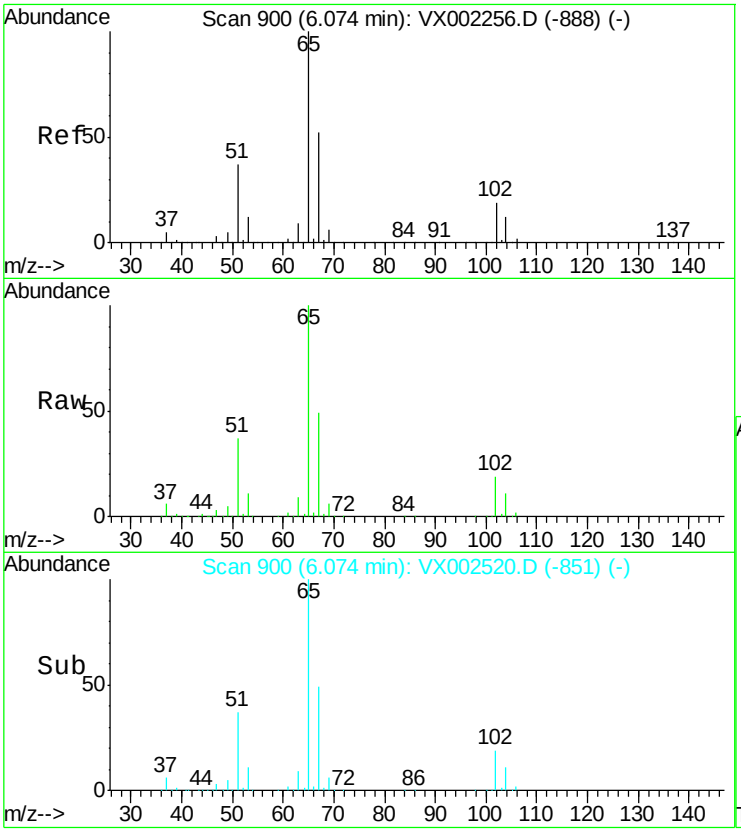


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 56 Resp: 4767

Ion	Ratio	Lower	Upper
56	100		
69	153.0	23.7	35.5#
84	107.7	64.1	96.1#



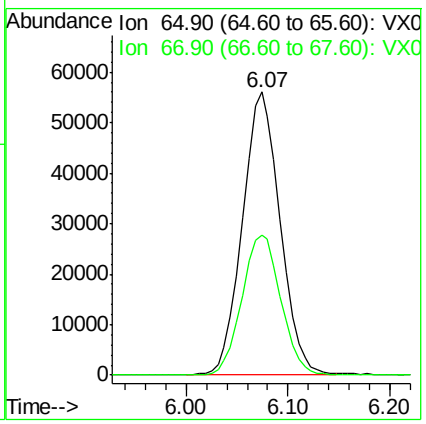


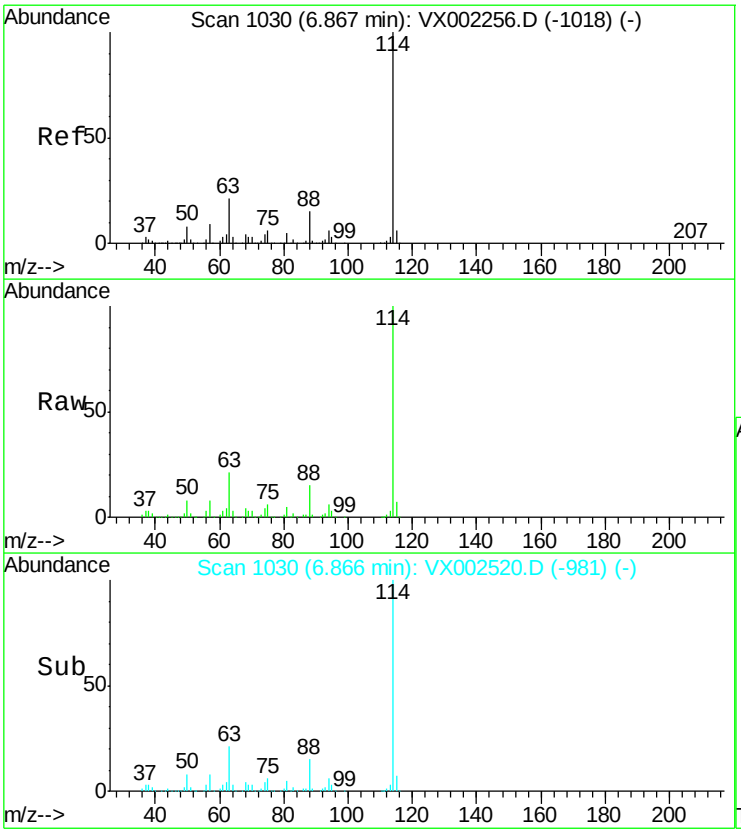
#33
1,2-Dichloroethane-d4
Concen: 50.27 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 144126

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6

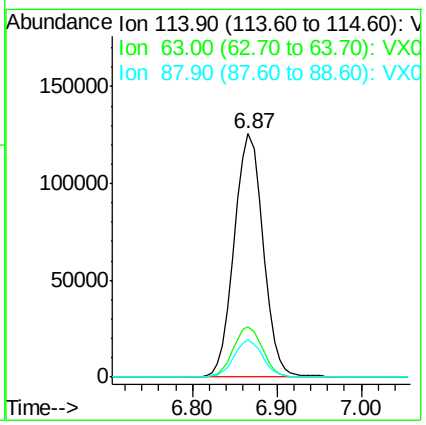


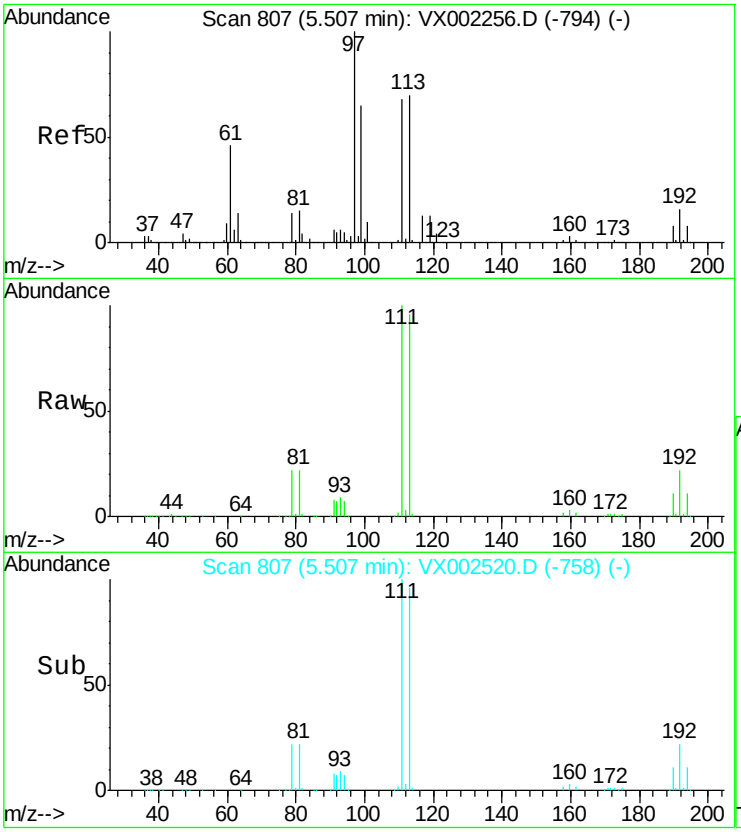


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion:114 Resp: 292487

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.4
88	15.3	0.0	30.0



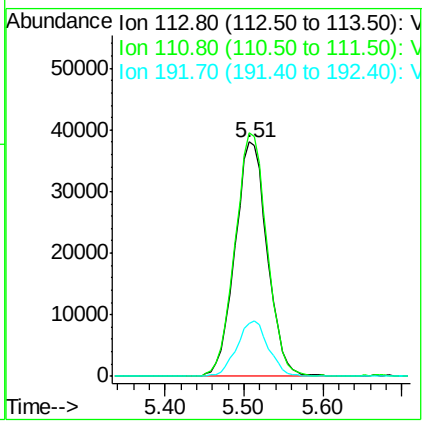


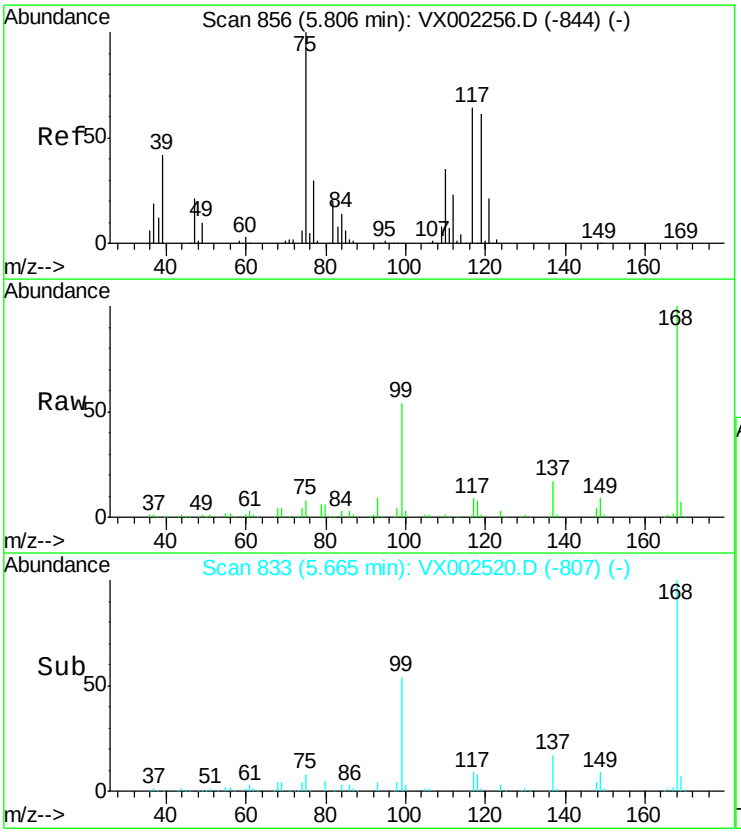
#35
Dibromofluoromethane
Concen: 47.06 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 108245

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	23.1	19.1	28.7

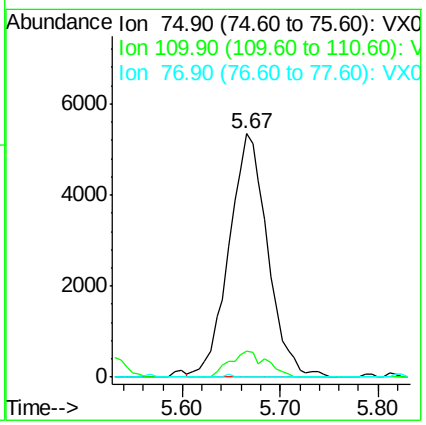


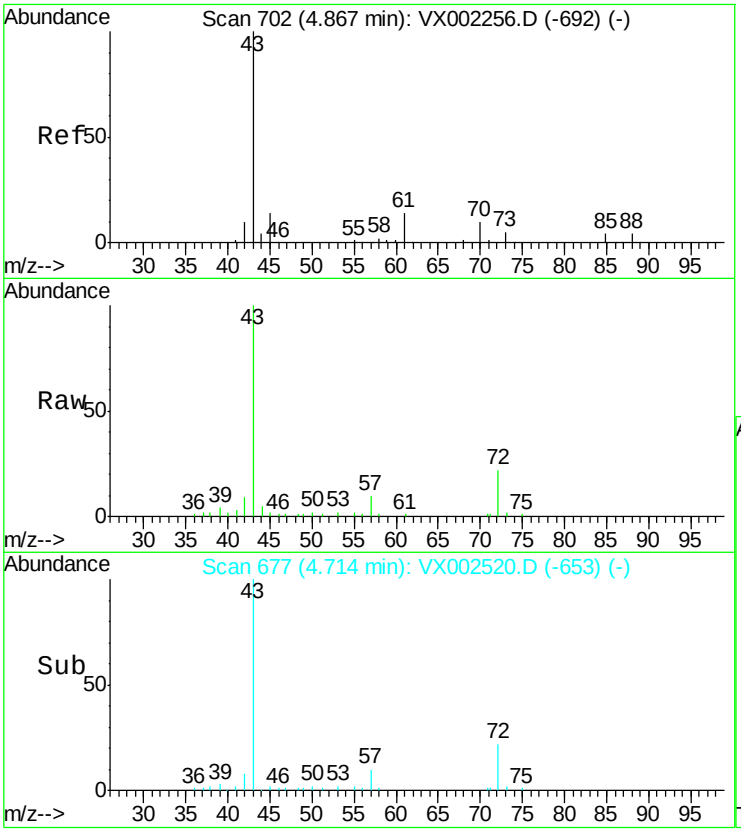


#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 75 Resp: 14604

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.2	24.3	36.5#



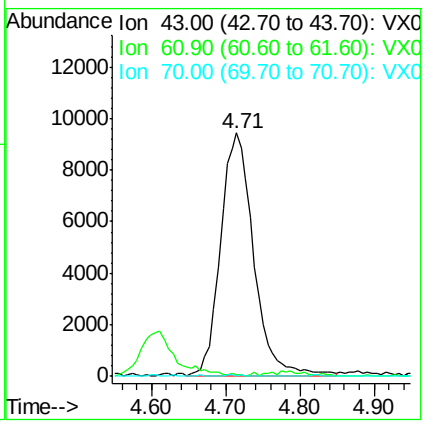


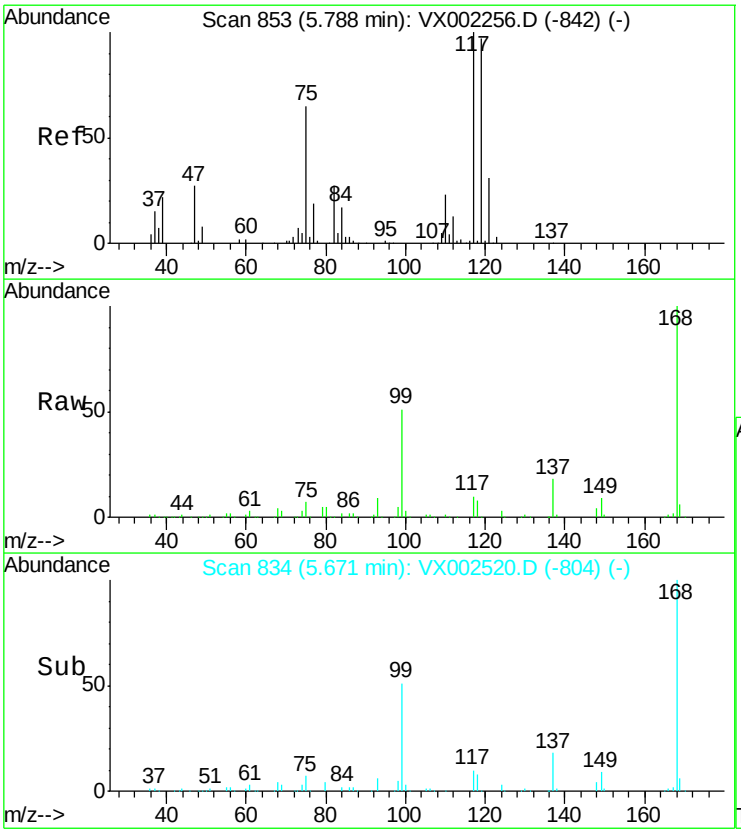
#37
Ethyl Acetate
Concen: 7.94 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 29372

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.3	7.6	11.4#

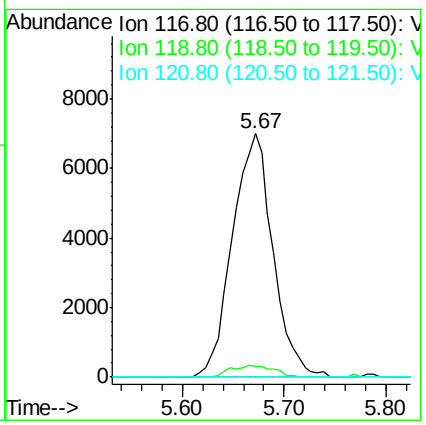


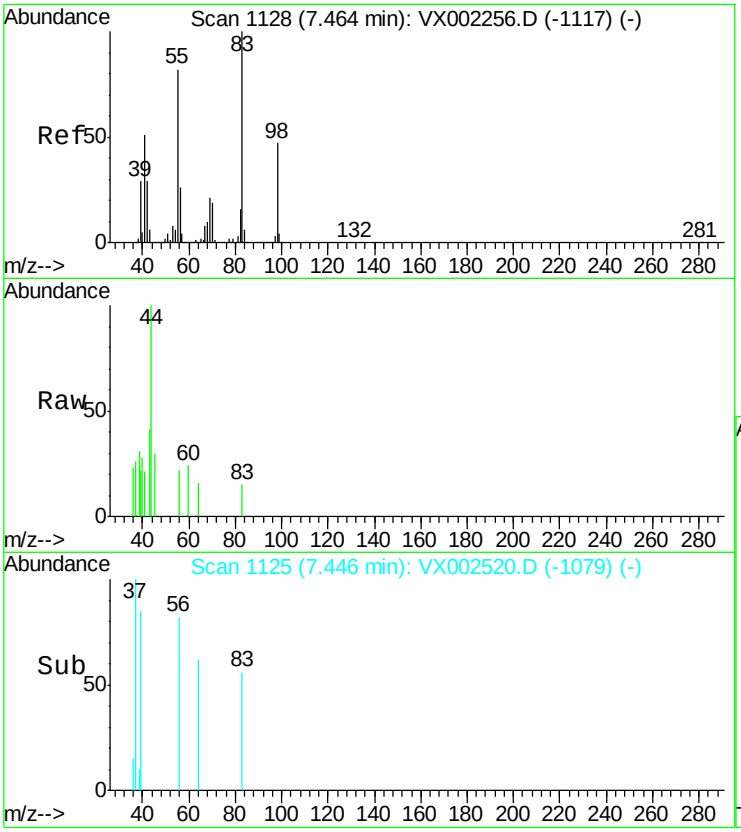


#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion:117 Resp: 19272

Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.4	116.0#
121	0.0	24.4	36.6#



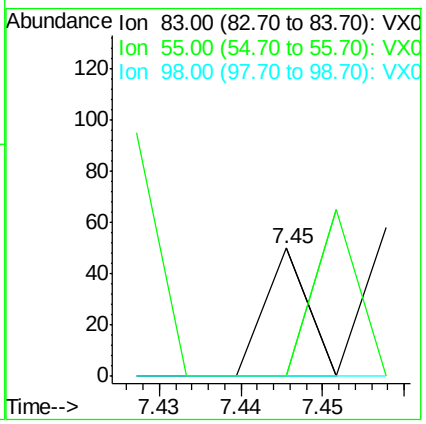


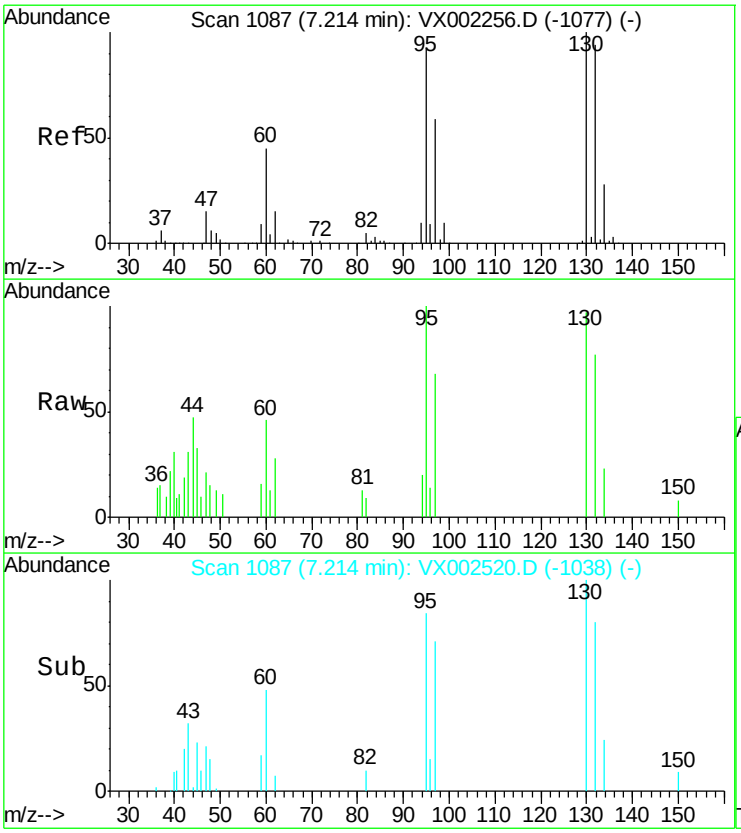
#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.45 min Scan# 1125
Delta R.T. -0.02 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 18

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

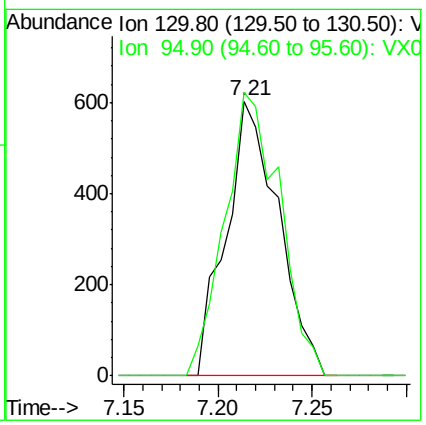


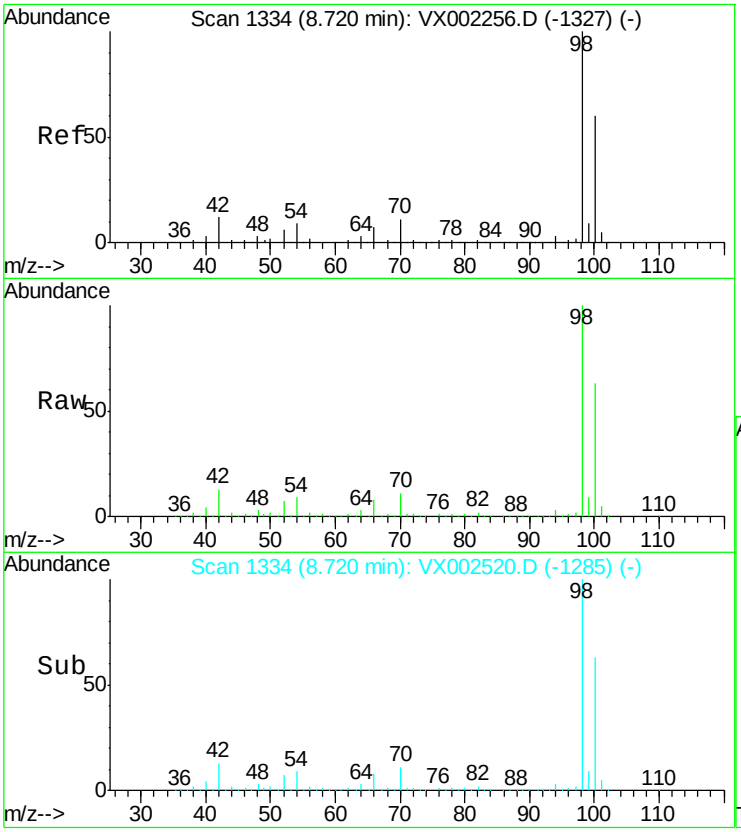


#44
Trichloroethene
Concen: 0.44 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion:130 Resp: 1160

Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	185.4



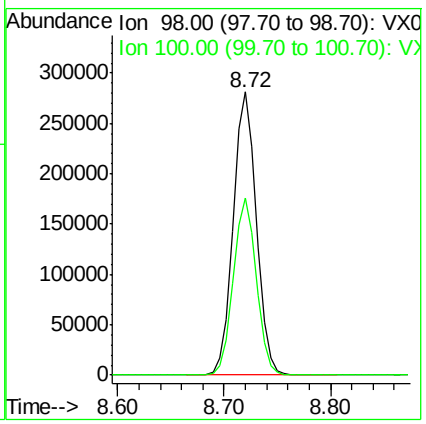


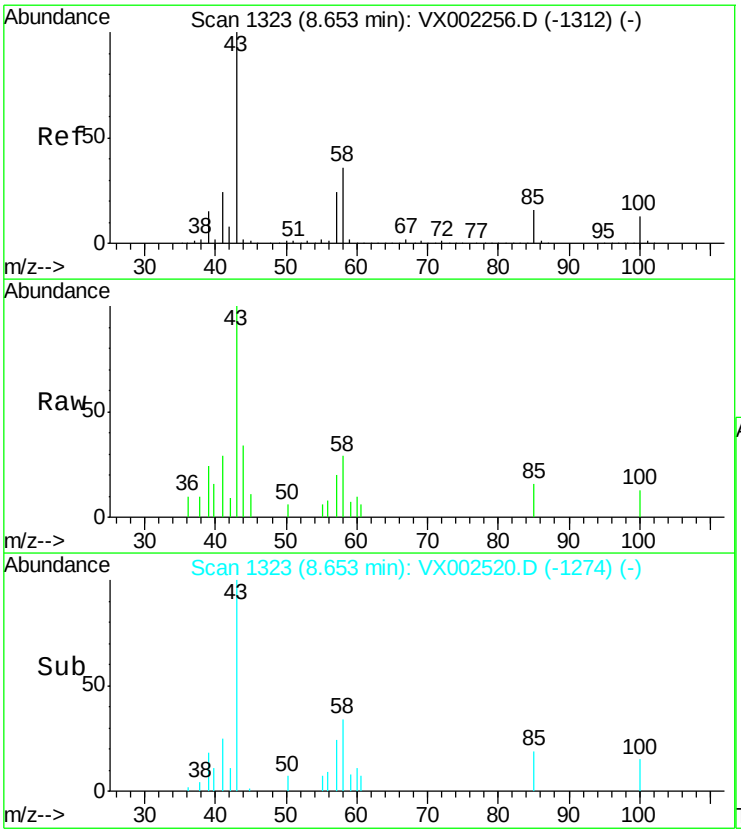
#50
Toluene-d8
Concen: 48.89 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 431002

Ion	Ratio	Lower	Upper
98	100		
100	62.2	50.9	76.3

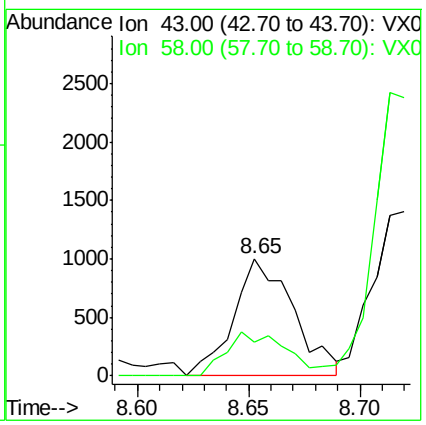


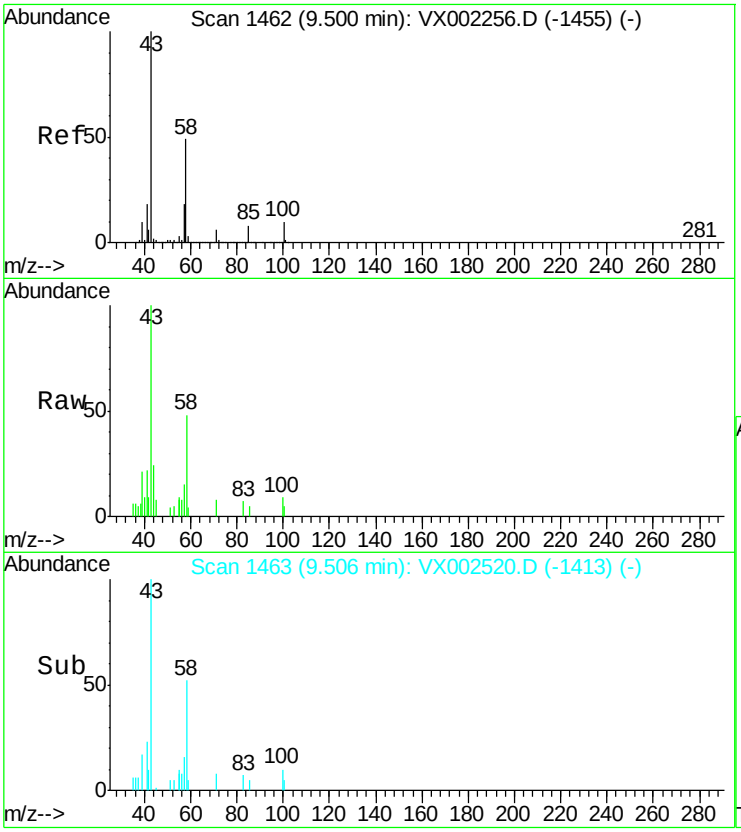


#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 43 Resp: 1872

Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.6	42.8



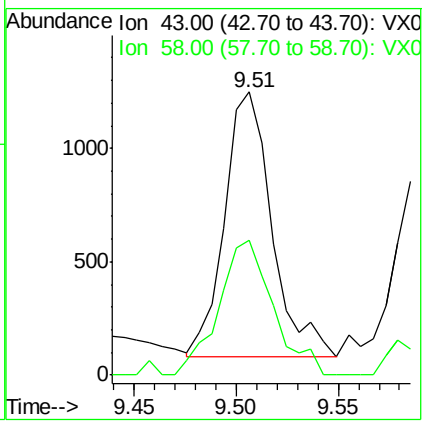


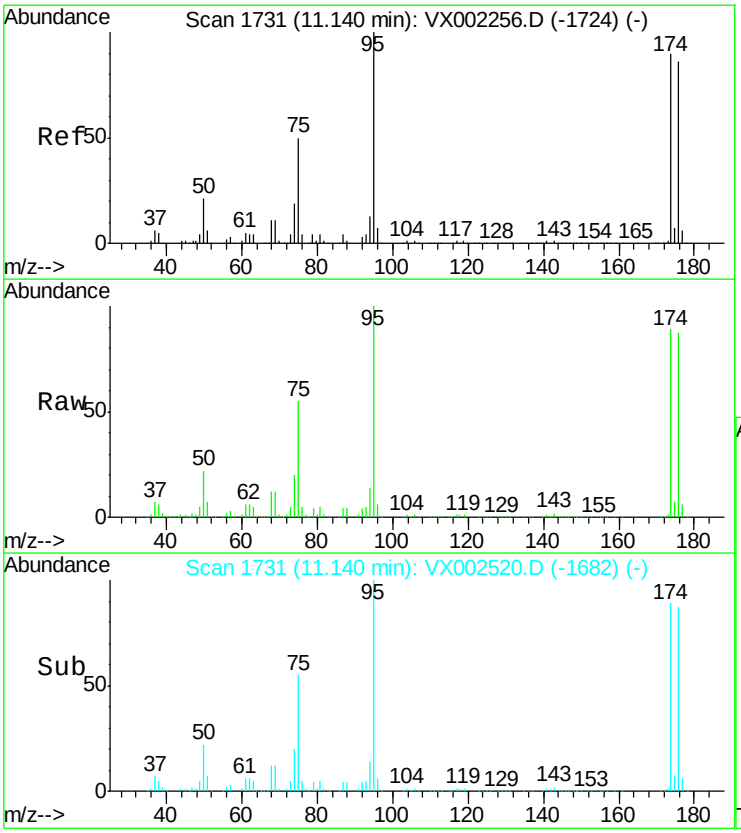
#59
2-Hexanone
Concen: 0.62 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1864

Ion	Ratio	Lower	Upper
43	100		
58	58.9	24.6	73.6

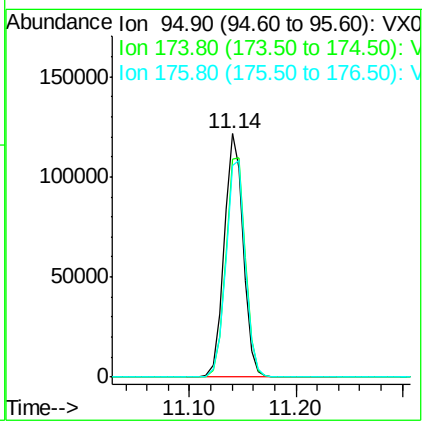


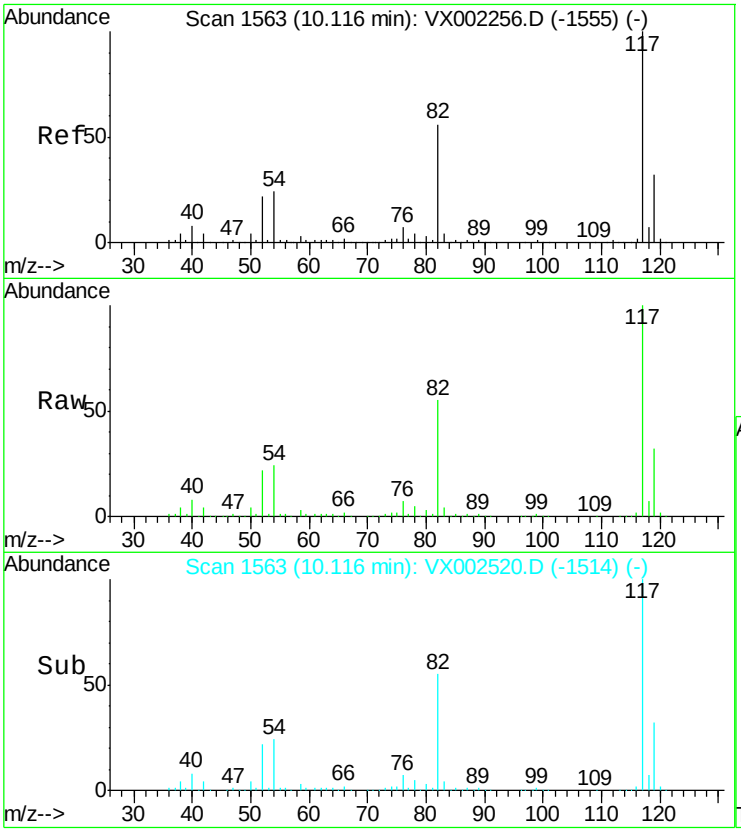


#62
4-Bromofluorobenzene
Concen: 44.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 95 Resp: 151592

Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	187.4
176	91.0	0.0	181.0



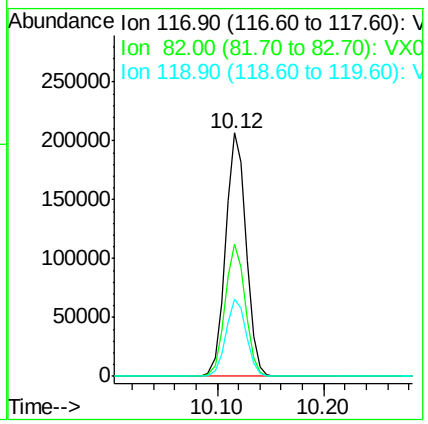


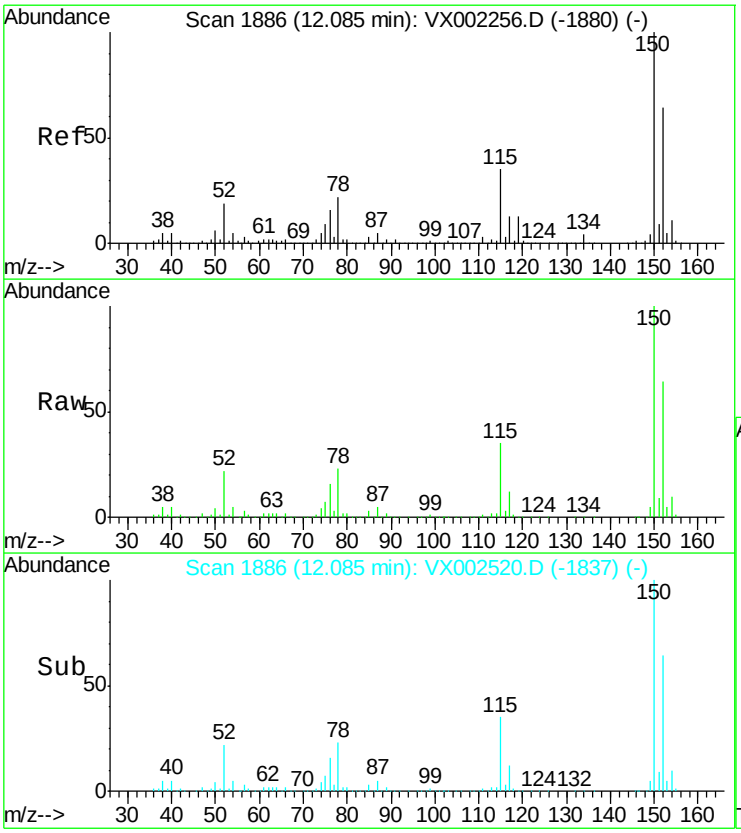
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 279675

Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.0	67.4
119	31.6	25.8	38.6

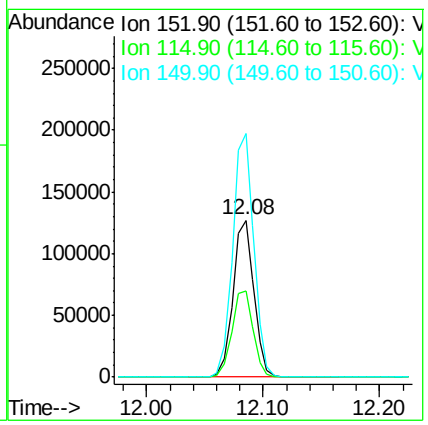


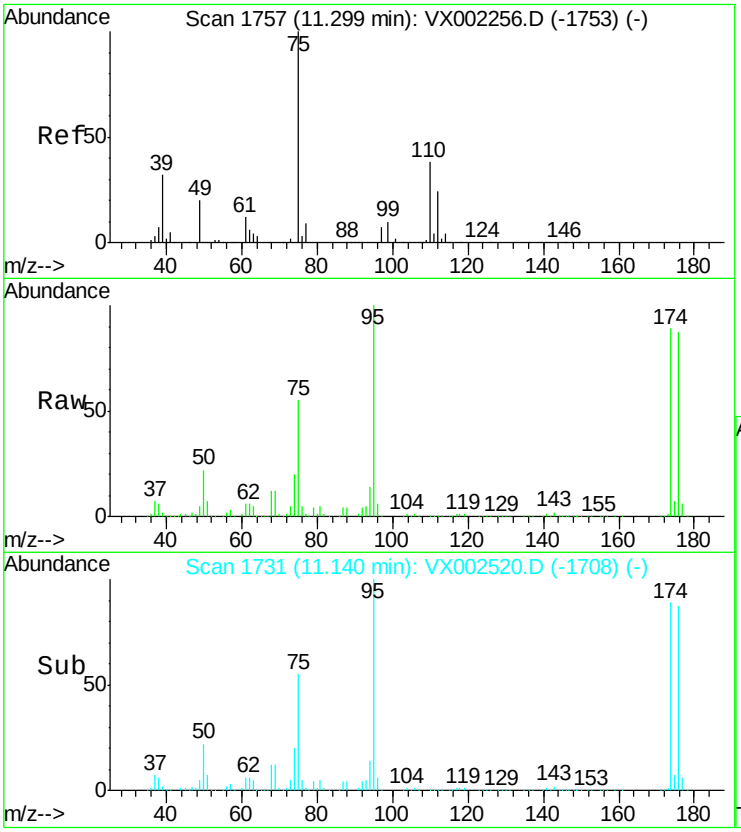


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion:152 Resp: 158569

Ion	Ratio	Lower	Upper
152	100		
115	55.9	40.1	120.2
150	156.9	0.0	347.2



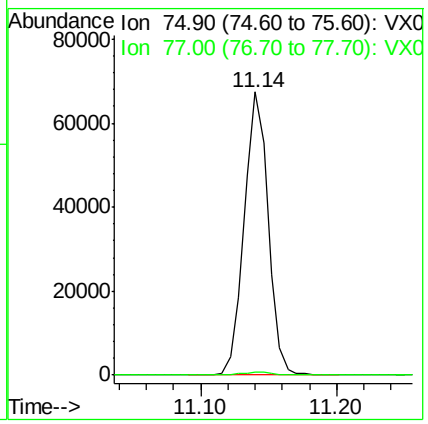


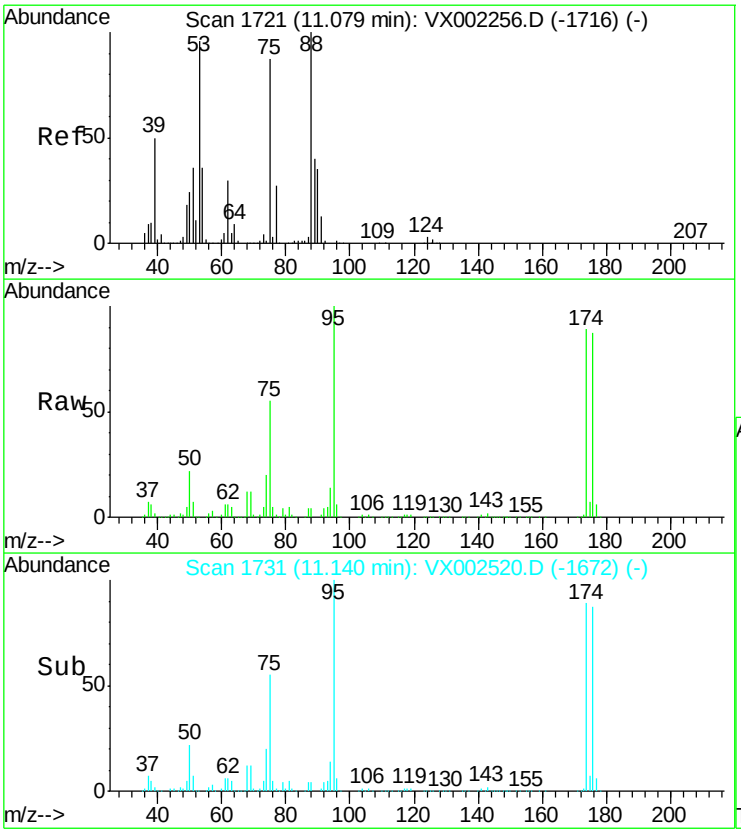
#76
1,2,3-Trichloropropane
Concen: 23.81 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 82850

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.47 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002520.D
Acq: 13 Jun 2018 20:28

Tgt Ion: 75 Resp: 82850

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