Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002315.D
Acq On : 05 Jun 2018 19:31
Operator : JC/MD
Sample : J3268-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 06 04:34:04 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	236067	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	348035	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	325564	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	184671	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	168827	50.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.02%				
35) Dibromofluoromethane	5.51	113	122574	44.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.56%				
50) Toluene-d8	8.72	98	504909	48.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.26%				
62) 4-Bromofluorobenzene	11.14	95	177459	43.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.74%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	590	Below Cal		#	9
5) Bromomethane	1.65	94	360	Below Cal		#	52
8) Diethyl Ether	1.98	74	44	Below Cal			71
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1108	0.44	ug/l		97
10) Methyl Iodide	2.52	142	912	0.25	ug/l		92
11) Tert butyl alcohol	3.07	59	56	Below Cal		#	1
12) 1,1-Dichloroethene	2.39	96	623	0.25	ug/l	#	24
13) Acrolein	2.32	56	186	Below Cal		#	54
15) Acrylonitrile	3.15	53	153	Below Cal		#	1
16) Acetone	2.45	43	3064	Below Cal			97
18) Methyl Acetate	2.77	43	224	Below Cal		#	78
19) Methyl tert-butyl Ether	3.21	73	1210	Below Cal		#	49
20) Methylene Chloride	2.86	84	568	Below Cal		#	51
22) Diisopropyl ether	3.86	45	359	Below Cal		#	35
25) 2-Butanone	4.73	43	1363	0.59	ug/l	#	71
27) cis-1,2-Dichloroethene	4.60	96	19106	6.34	ug/l		96
28) Bromochloromethane	5.01	49	19	Below Cal		#	13
31) Cyclohexane	5.67	56	5509	1.29	ug/l	#	15
36) 1,1-Dichloropropene	5.67	75	16981	4.64	ug/l	#	41
38) Carbon Tetrachloride	5.67	117	22677	5.92	ug/l	#	15
39) Methylcyclohexane	7.50	83	26	0.27	ug/l	#	16
44) Trichloroethene	7.22	130	25411	8.16	ug/l		99
49) 1,4-Dioxane	7.75	88	21	0.30	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.71	43	2757	0.59	ug/l	#	1
60) Dibromochloromethane	9.34	129	39584	13.41	ug/l	#	11
64) Tetrachloroethene	9.34	164	44996	13.40	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	97434	24.04	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	97434	84.29	ug/l	#	6

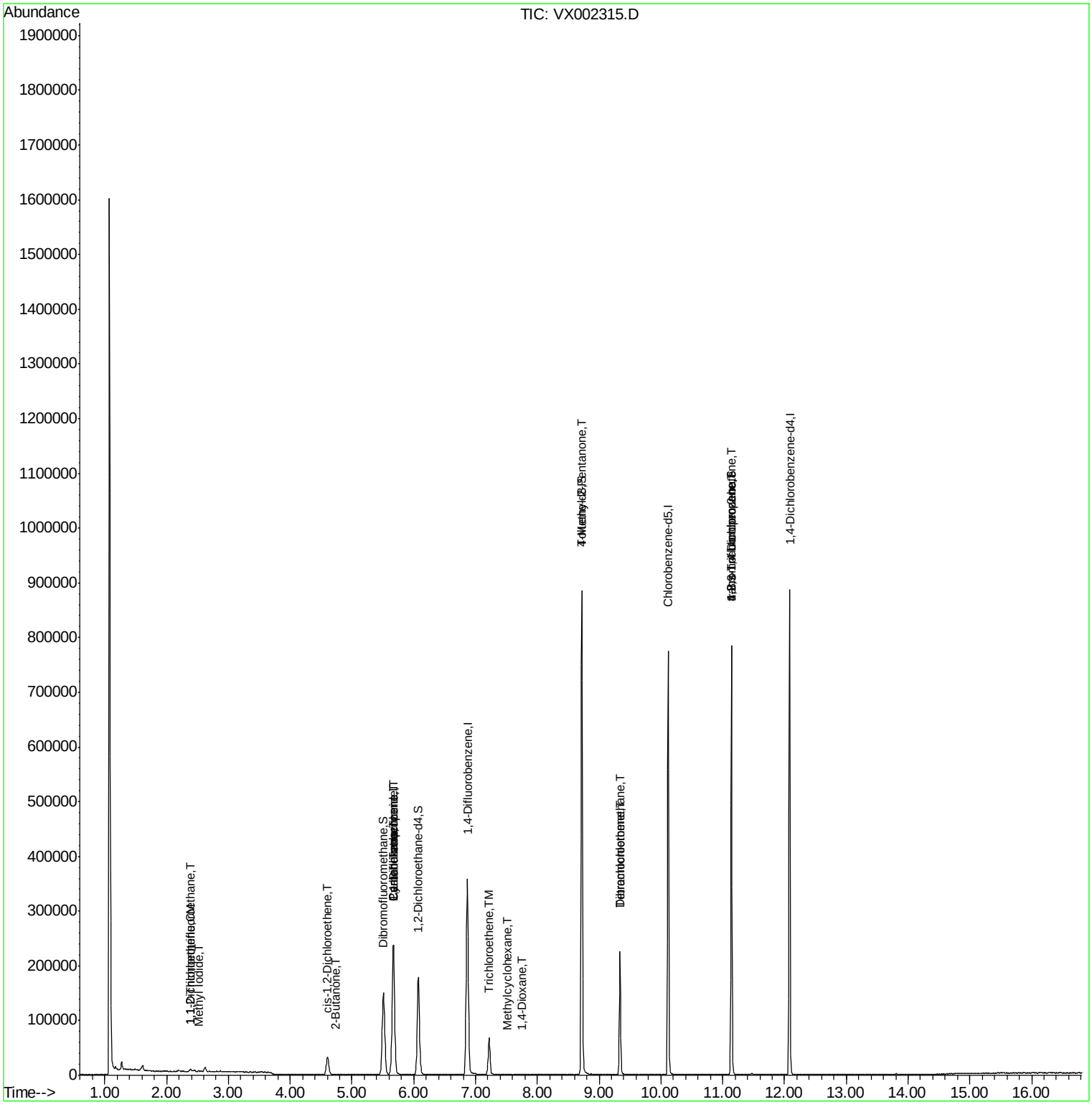
(#) = qualifier out of range (m) = manual integration (+) = signals summed

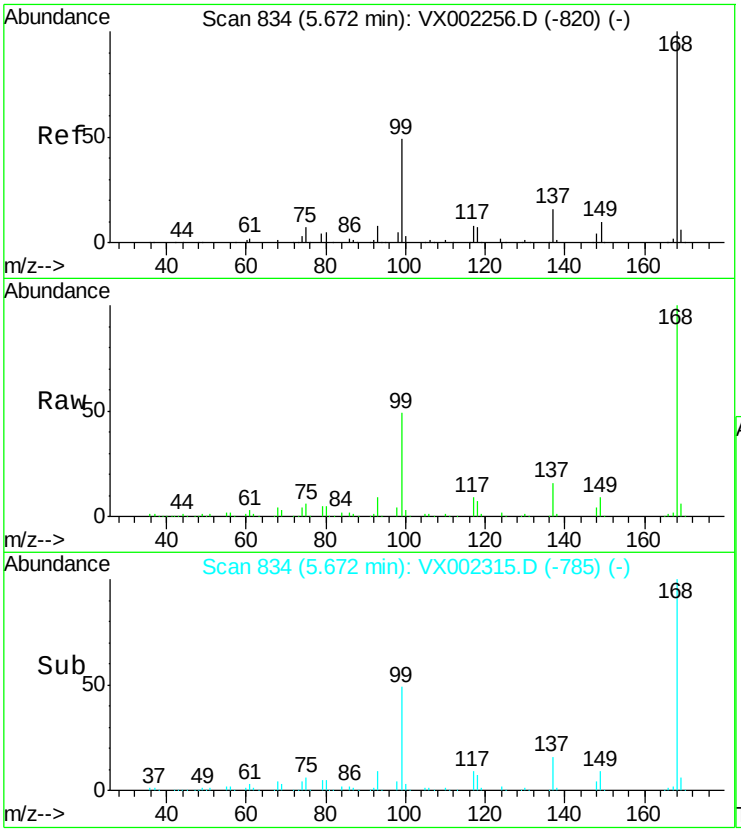
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002315.D
Acq On : 05 Jun 2018 19:31
Operator : JC/MD
Sample : J3268-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 06 04:34:04 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



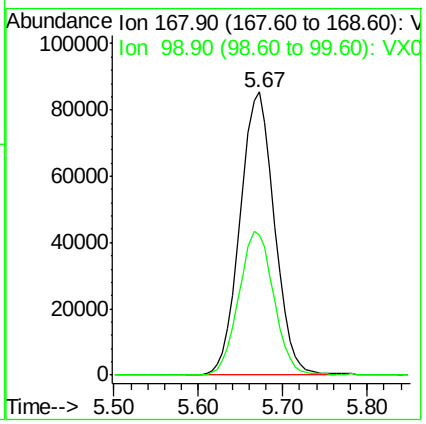


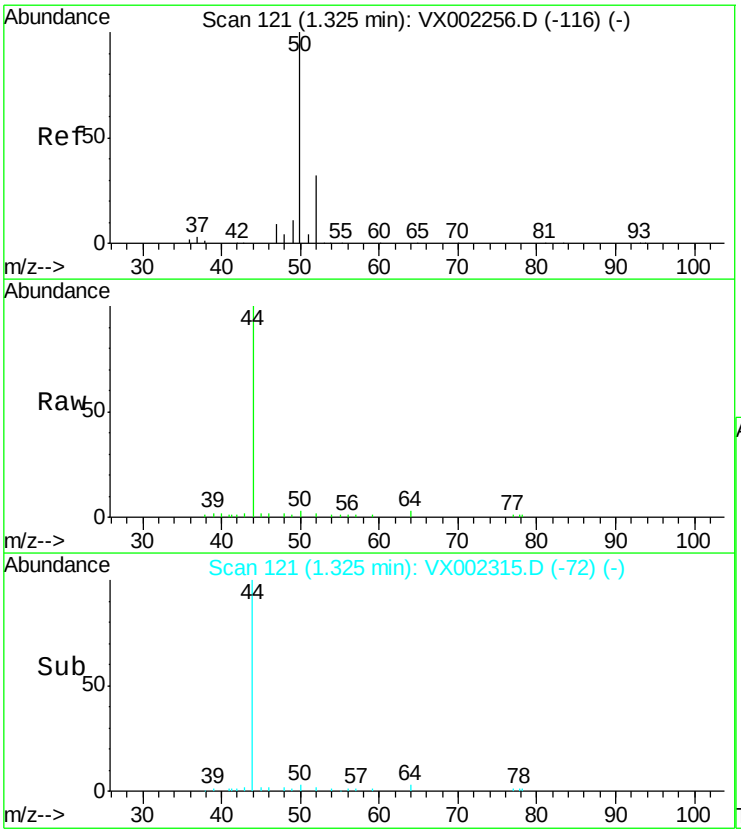
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 236067

Ion	Ratio	Lower	Upper
168	100		
99	49.4	39.3	58.9

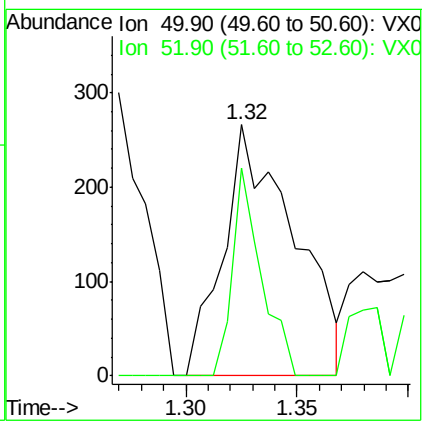


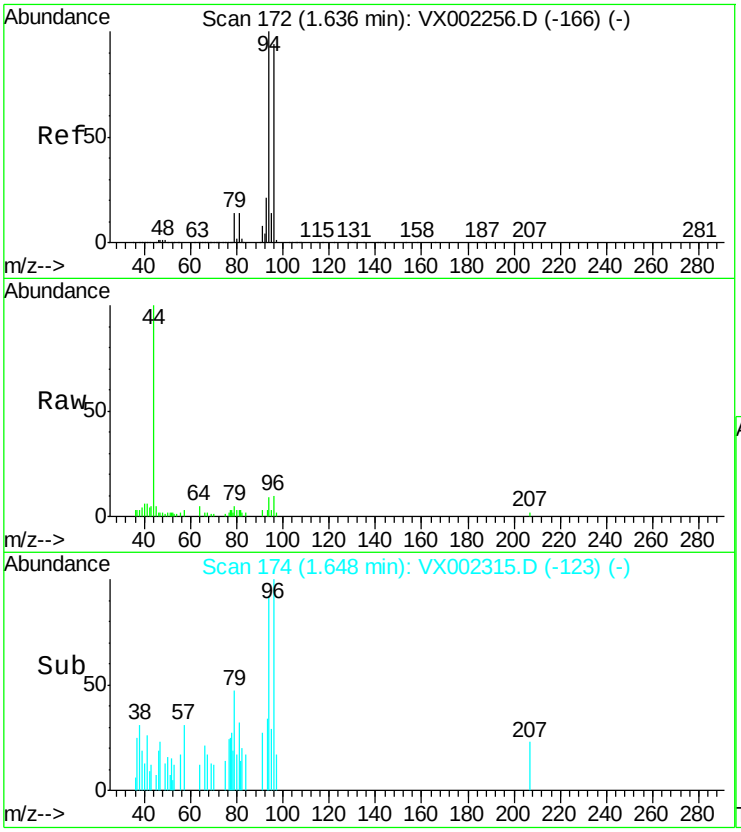


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion: 50 Resp: 590

Ion	Ratio	Lower	Upper
50	100		
52	82.7	25.7	38.5#



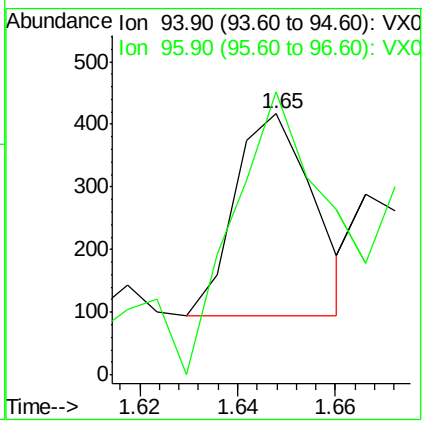


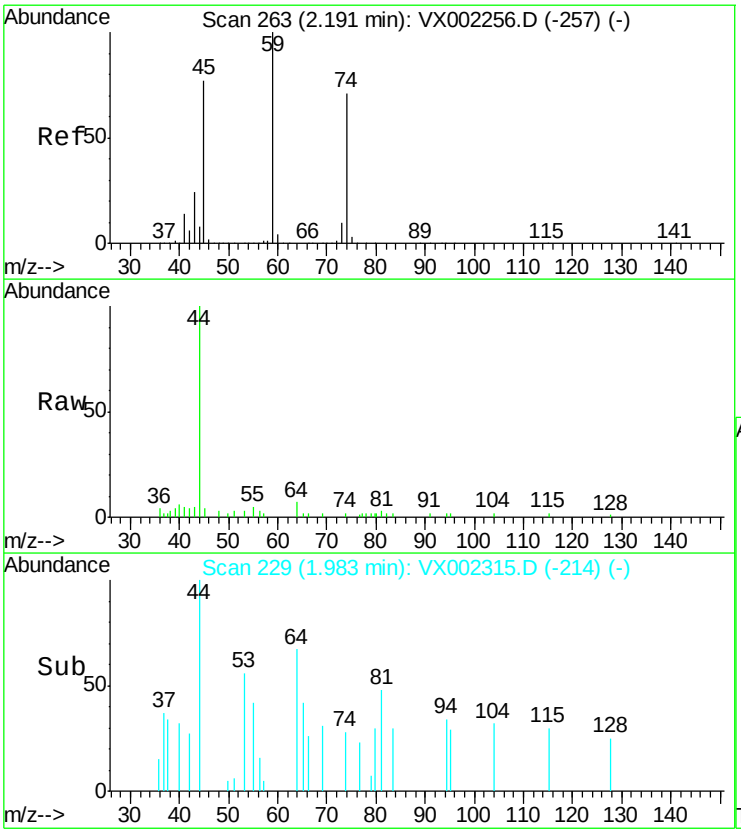
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 360

Ion	Ratio	Lower	Upper
94	100		
96	139.9	74.9	112.3#

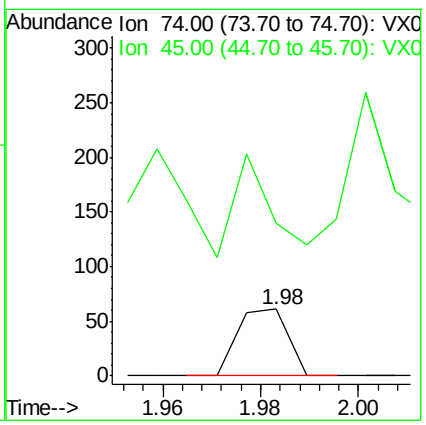


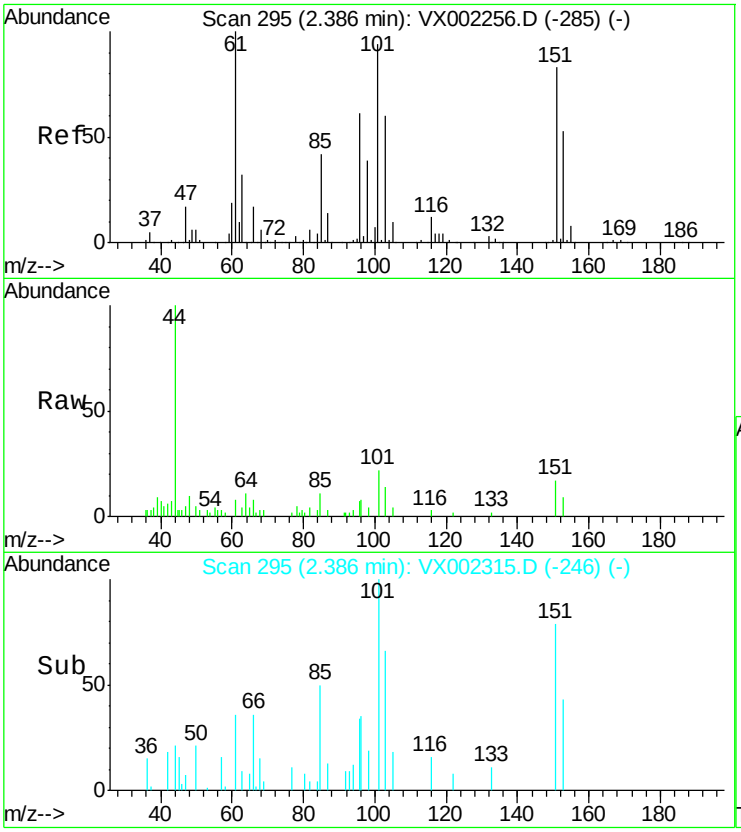


#8
Diethyl Ether
Concen: Below Cal
RT: 1.98 min Scan# 229
Delta R.T. -0.21 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion: 74 Resp: 44

Ion	Ratio	Lower	Upper
74	100		
45	136.4	53.1	159.4



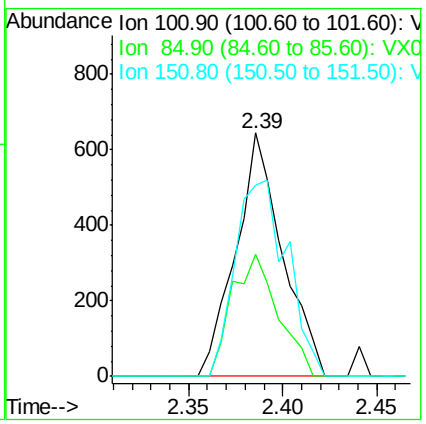


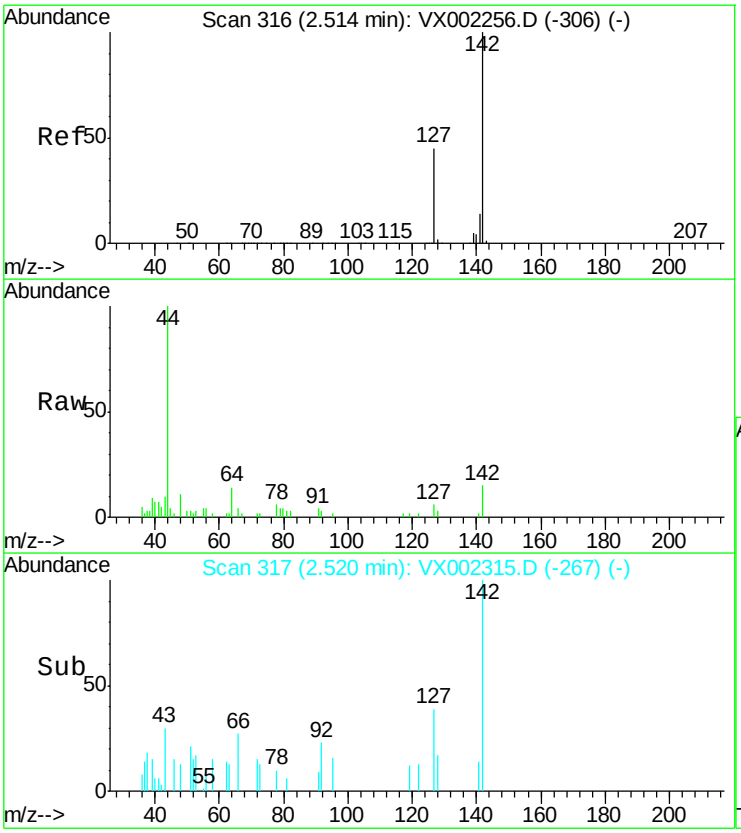
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.44 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 1108

Ion	Ratio	Lower	Upper
101	100		
85	49.4	36.0	54.0
151	89.5	70.9	106.3

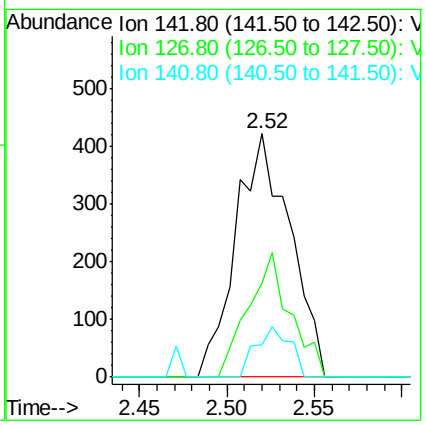


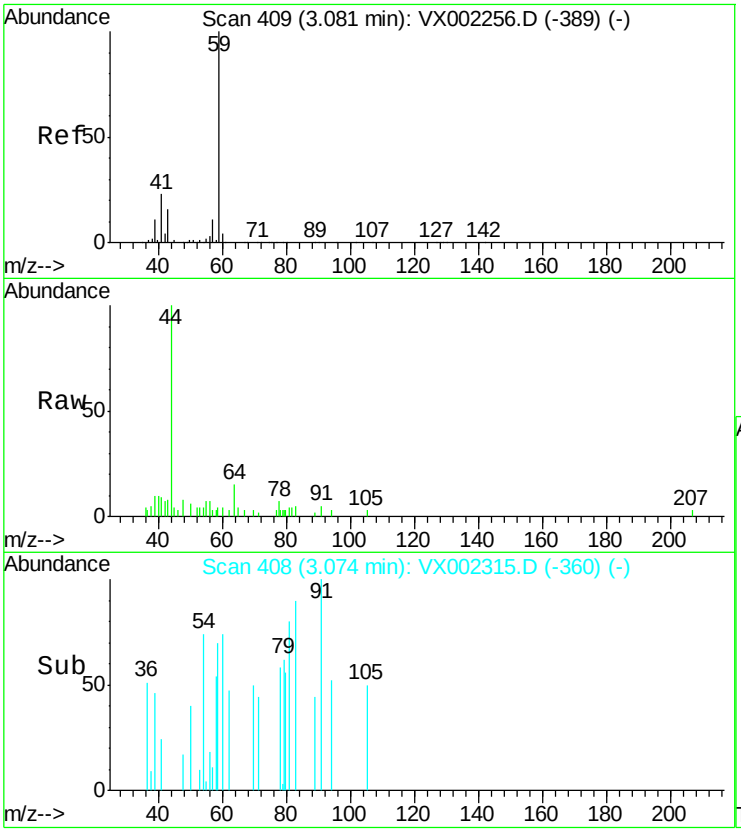


#10
Methyl Iodide
Concen: 0.25 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion:142 Resp: 912

Ion	Ratio	Lower	Upper
142	100		
127	39.7	36.6	55.0
141	12.9	11.3	16.9



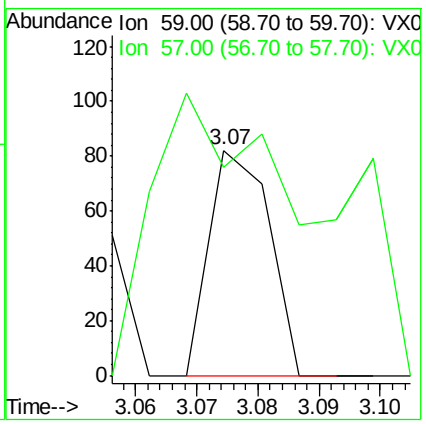


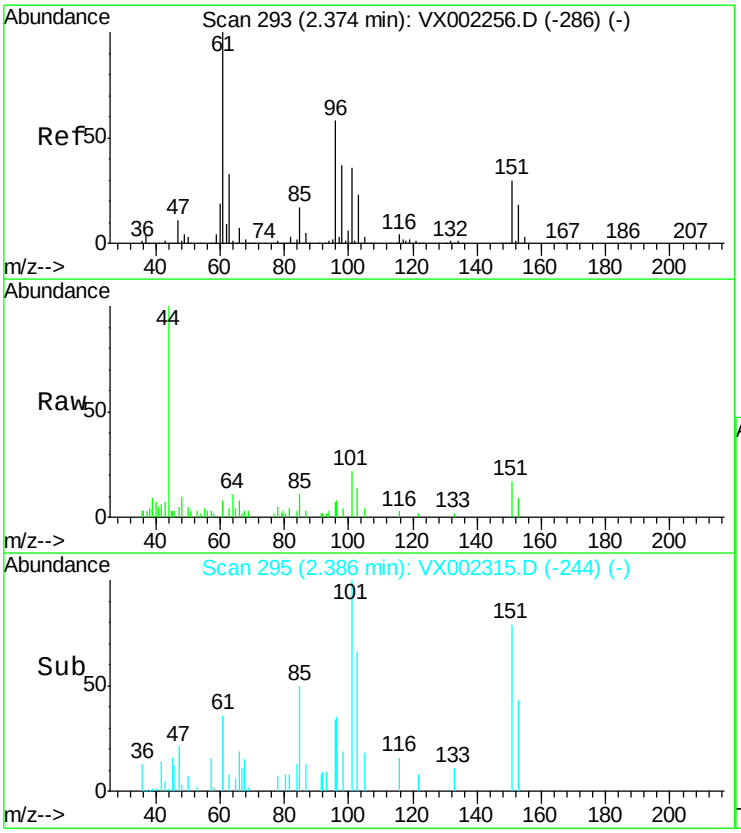
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 56

Ion	Ratio	Lower	Upper
59	100		
57	342.9	8.2	12.2#

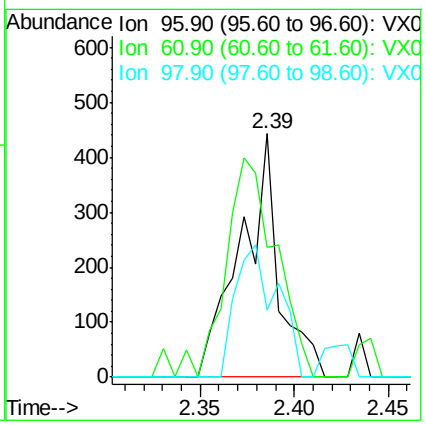


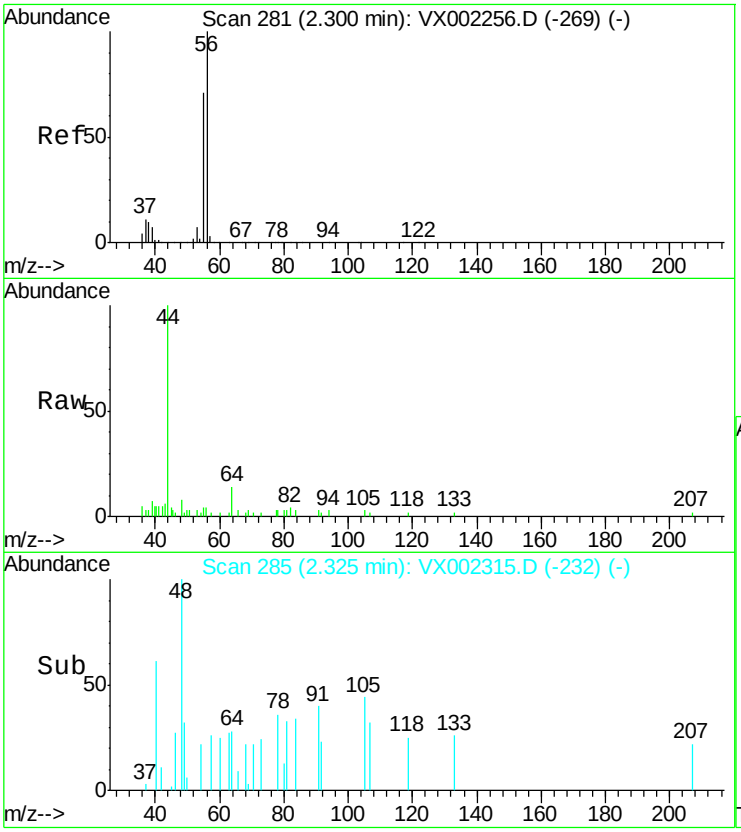


#12
1,1-Dichloroethene
Concen: 0.25 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion: 96 Resp: 623

Ion	Ratio	Lower	Upper
96	100		
61	53.0	137.9	206.9#
98	27.8	51.6	77.4#



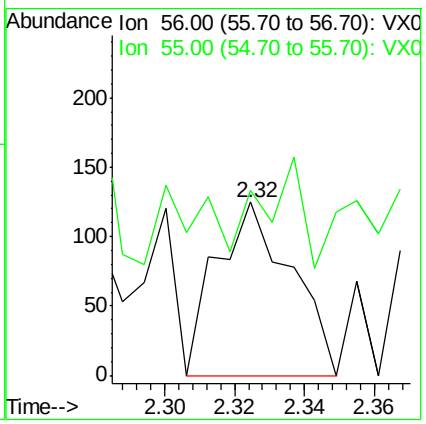


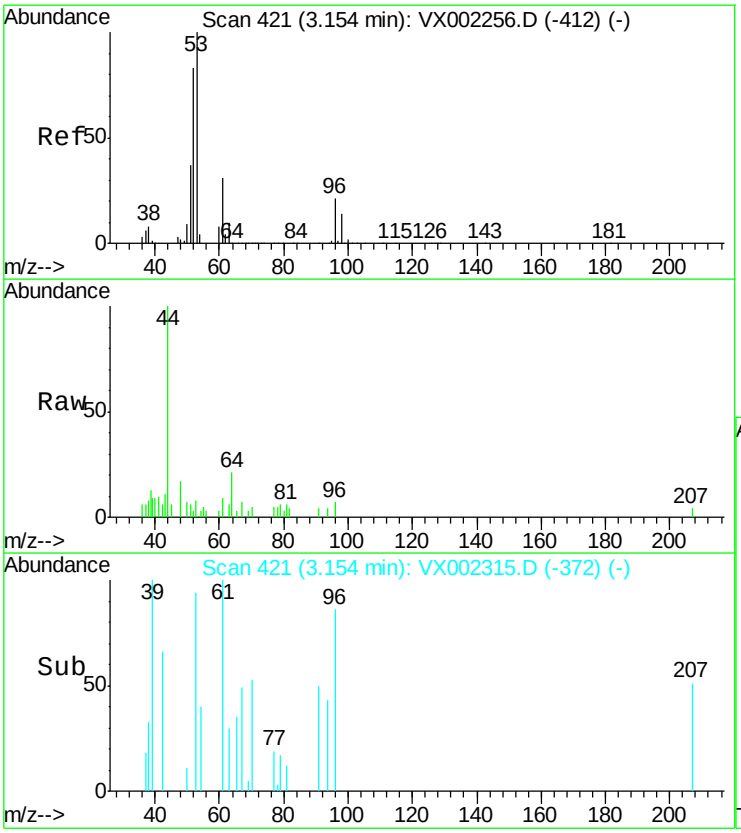
#13
Acrolein
Concen: Below Cal
RT: 2.32 min Scan# 285
Delta R.T. 0.02 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 186

Ion	Ratio	Lower	Upper
56	100		
55	33.3	57.0	85.4#

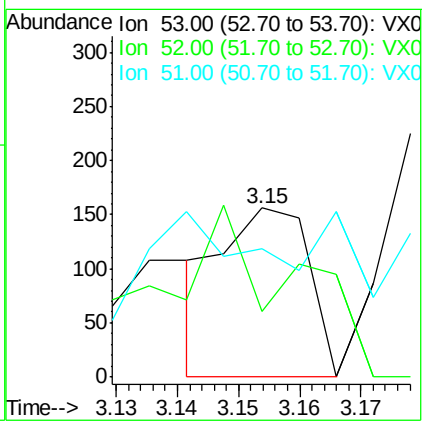


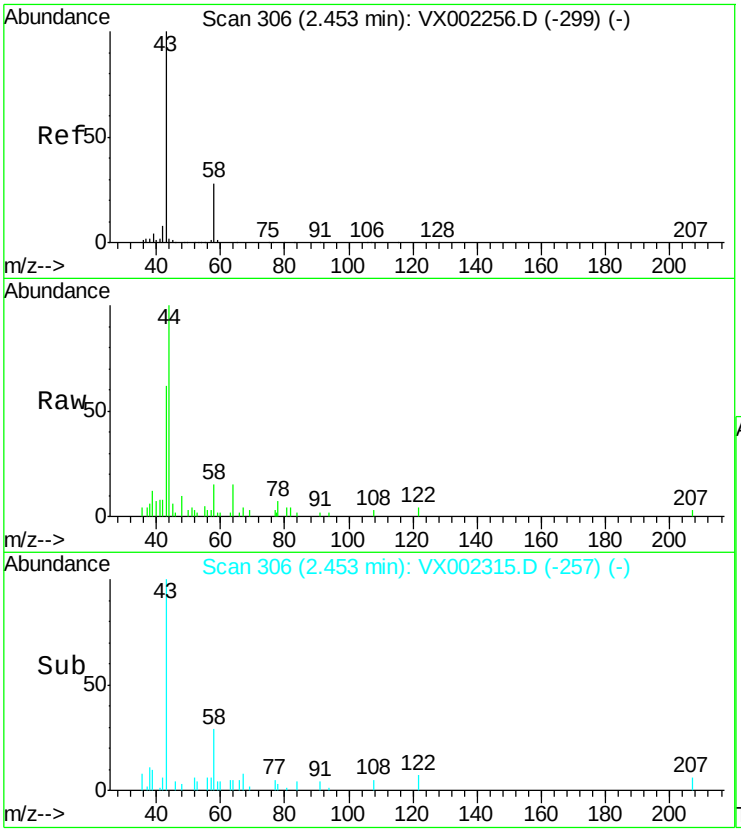


#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion: 53 Resp: 153

Ion	Ratio	Lower	Upper
53	100		
52	188.2	66.7	100.1#
51	81.0	29.9	44.9#



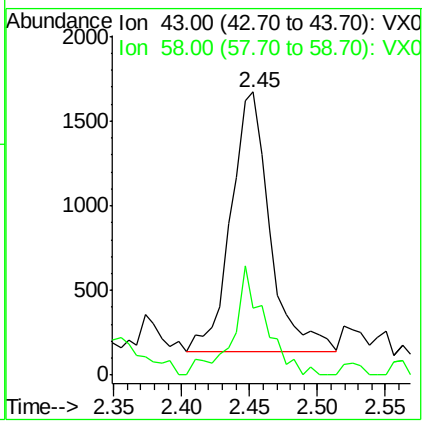


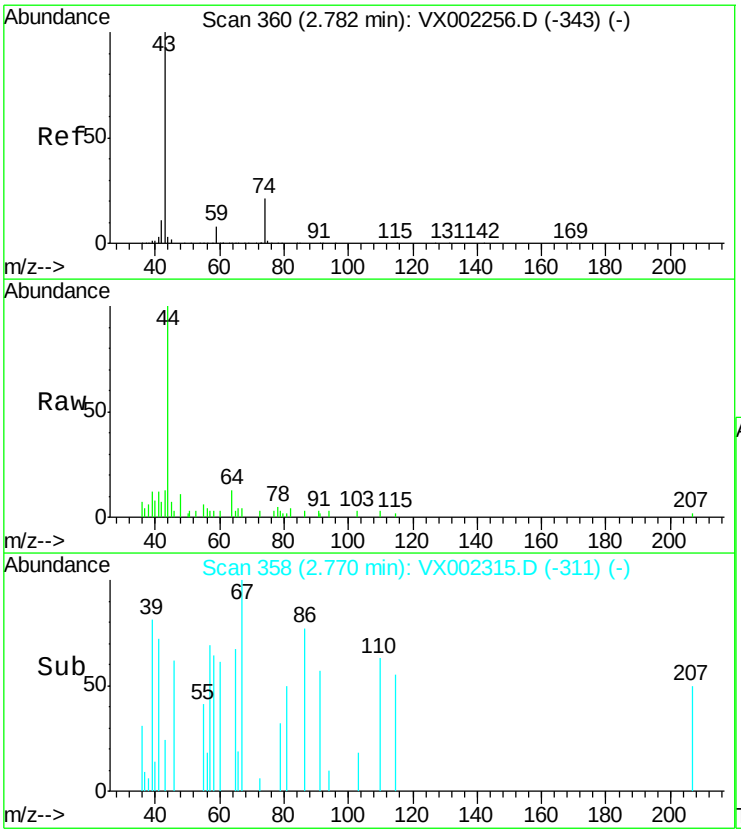
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3064

Ion	Ratio	Lower	Upper
43	100		
58	26.0	22.1	33.1

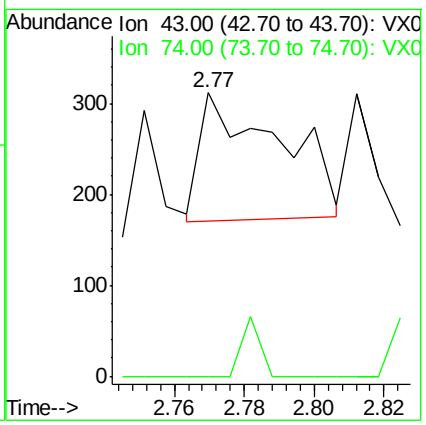


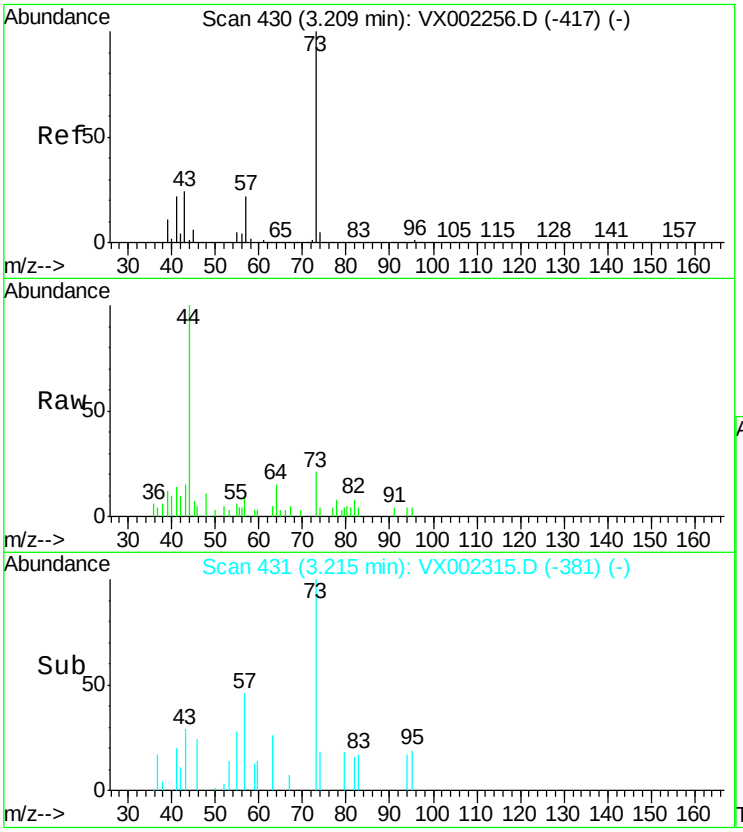


#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion: 43 Resp: 224

Ion	Ratio	Lower	Upper
43	100		
74	10.7	16.7	25.1#



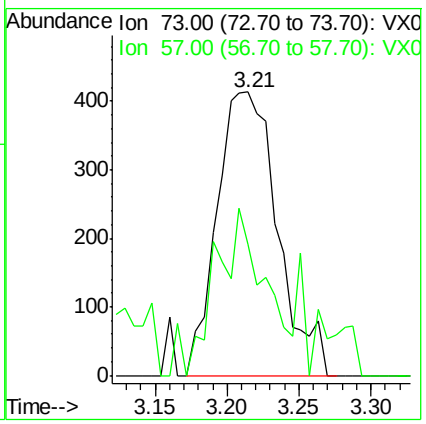


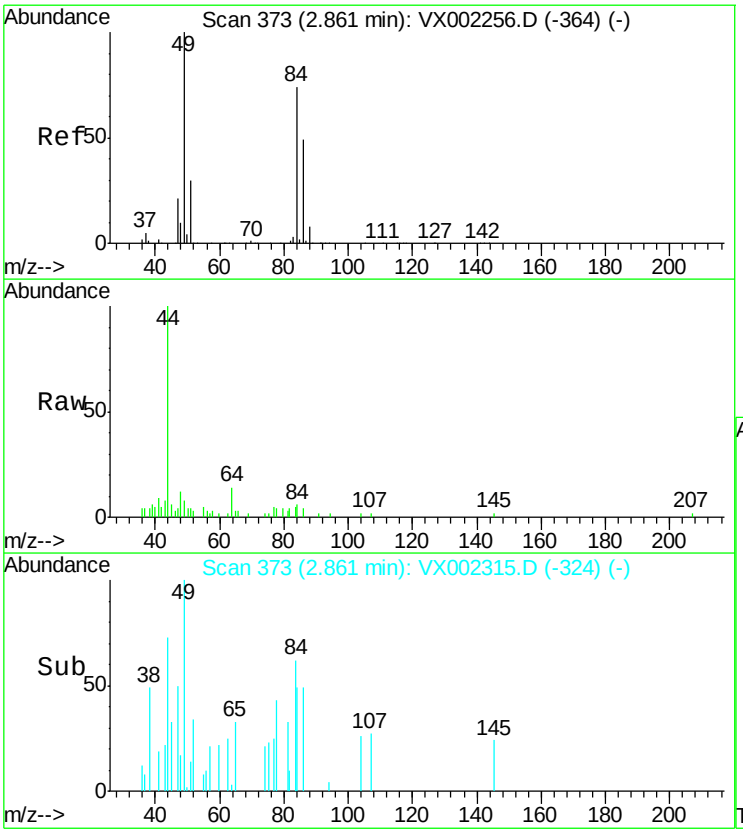
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 1210

Ion	Ratio	Lower	Upper
73	100		
57	46.2	17.7	26.5#

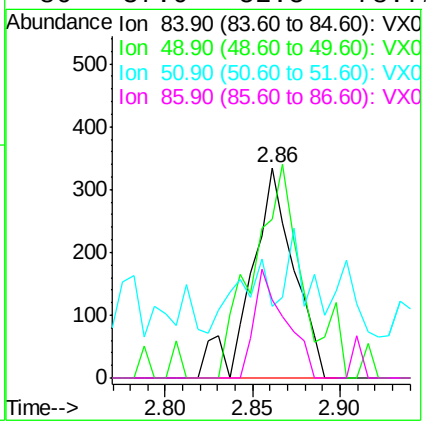


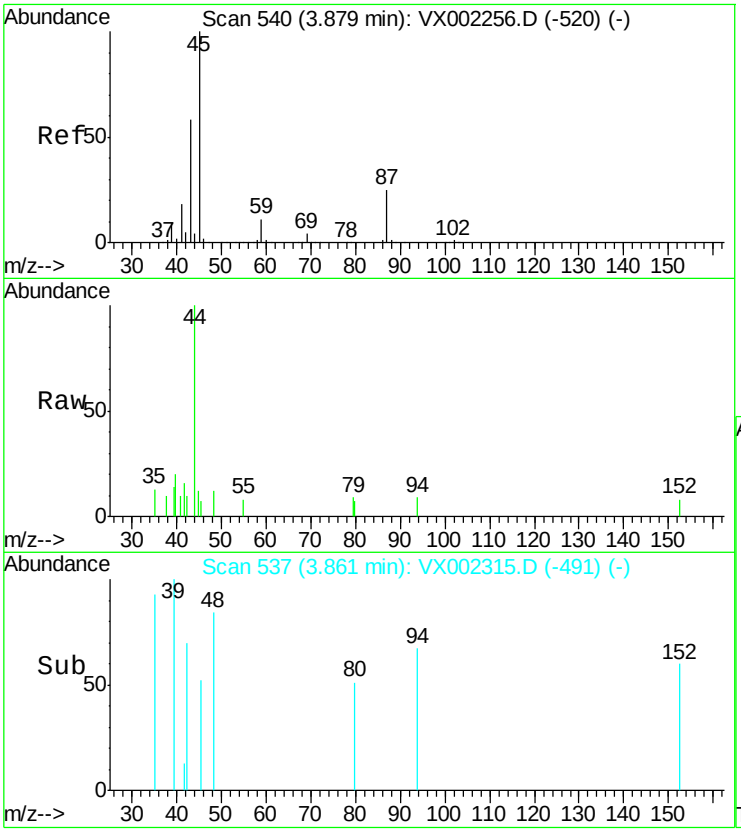


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion: 84 Resp: 568

Ion	Ratio	Lower	Upper
84	100		
49	75.2	107.8	161.6#
51	0.0	32.8	49.2#
86	37.0	52.5	78.7#



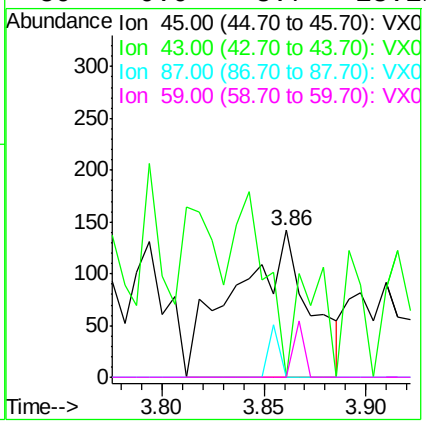


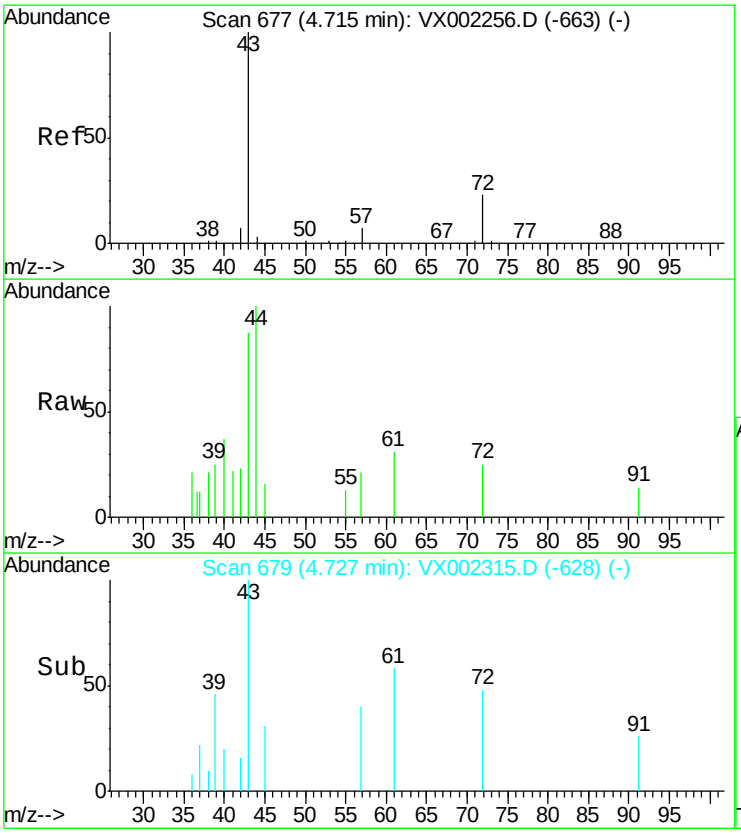
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.86 min Scan# 537
Delta R.T. -0.02 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 359

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

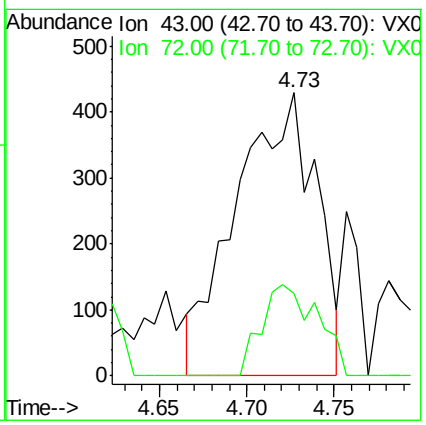


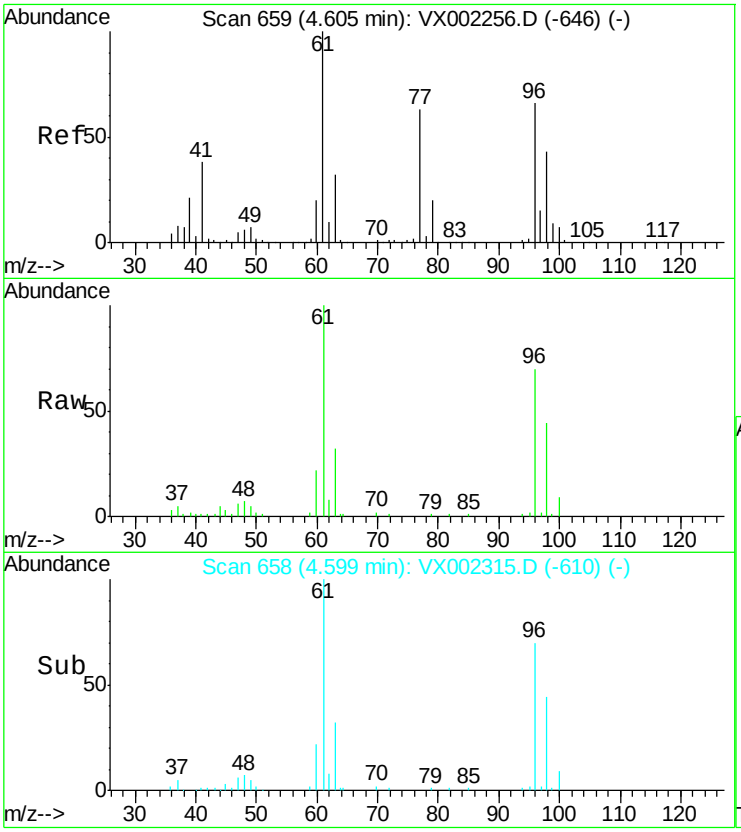


#25
2-Butanone
Concen: 0.59 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion: 43 Resp: 1363

Ion	Ratio	Lower	Upper
43	100		
72	37.2	18.5	27.7#



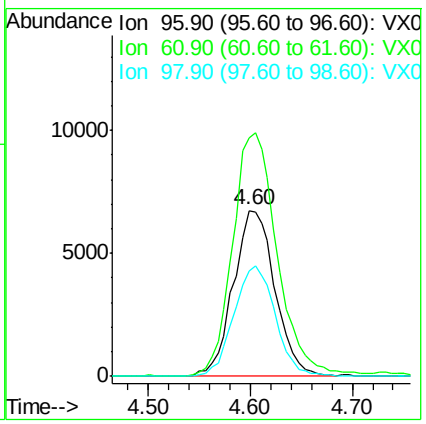


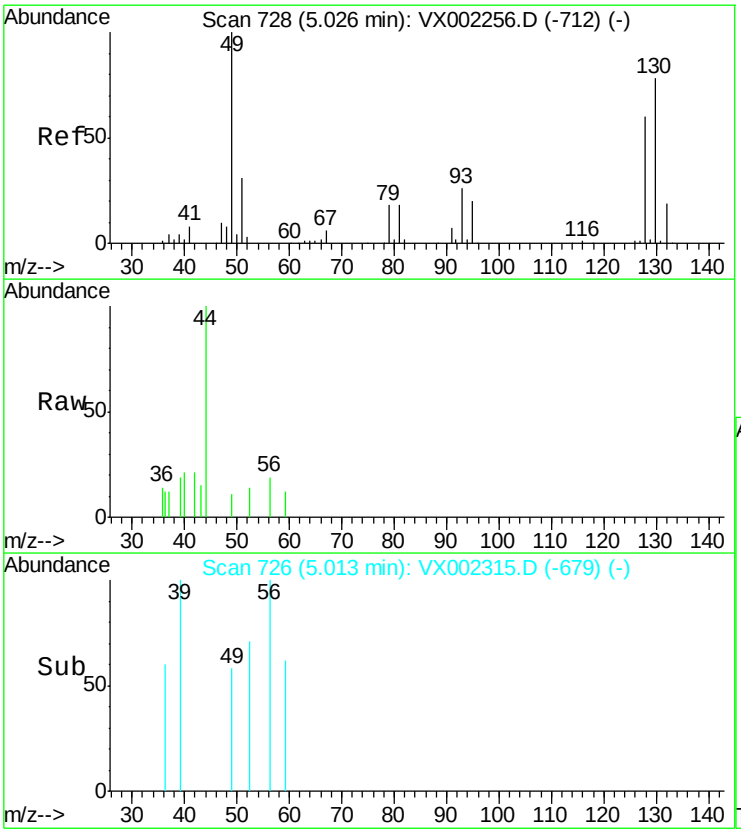
#27
cis-1,2-Dichloroethene
Concen: 6.34 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 19106

Ion	Ratio	Lower	Upper
96	100		
61	157.8	0.0	330.2
98	66.3	0.0	130.2

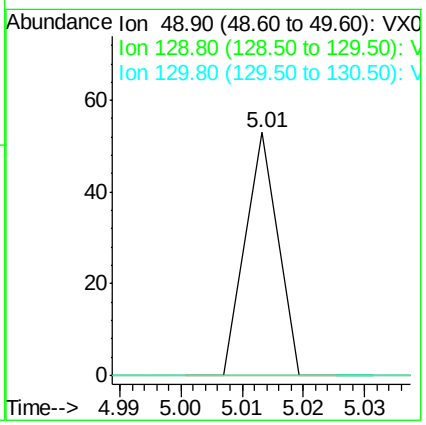


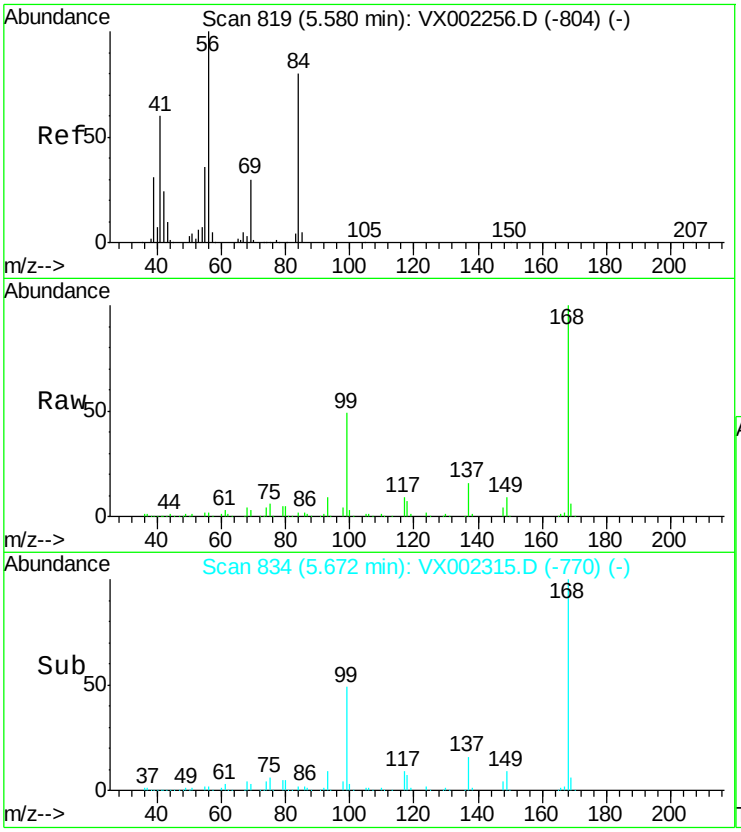


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion: 49 Resp: 19

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



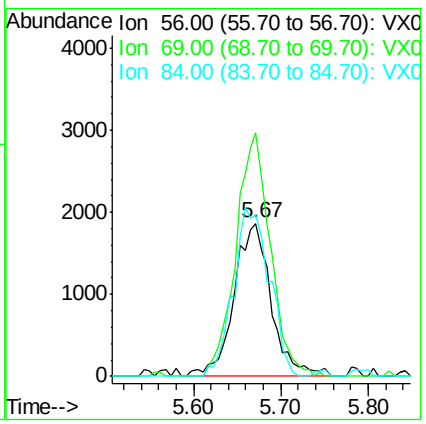


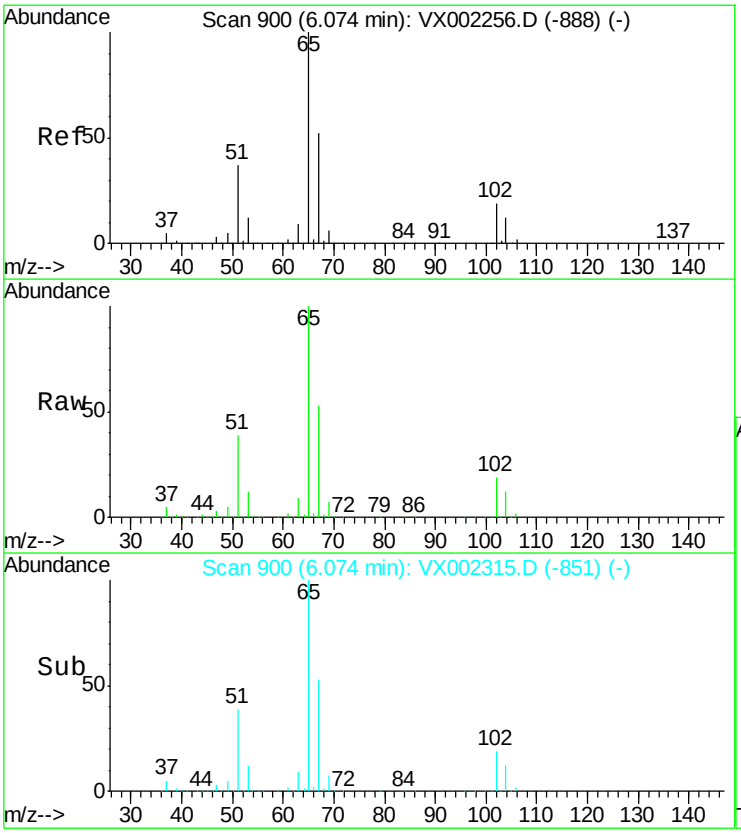
#31
Cyclohexane
Concen: 1.29 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 5509

Ion	Ratio	Lower	Upper
56	100		
69	158.8	23.7	35.5#
84	105.2	64.1	96.1#

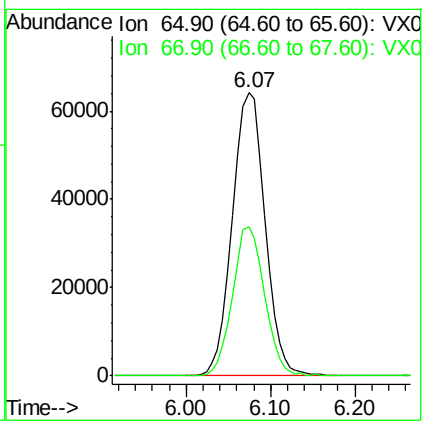


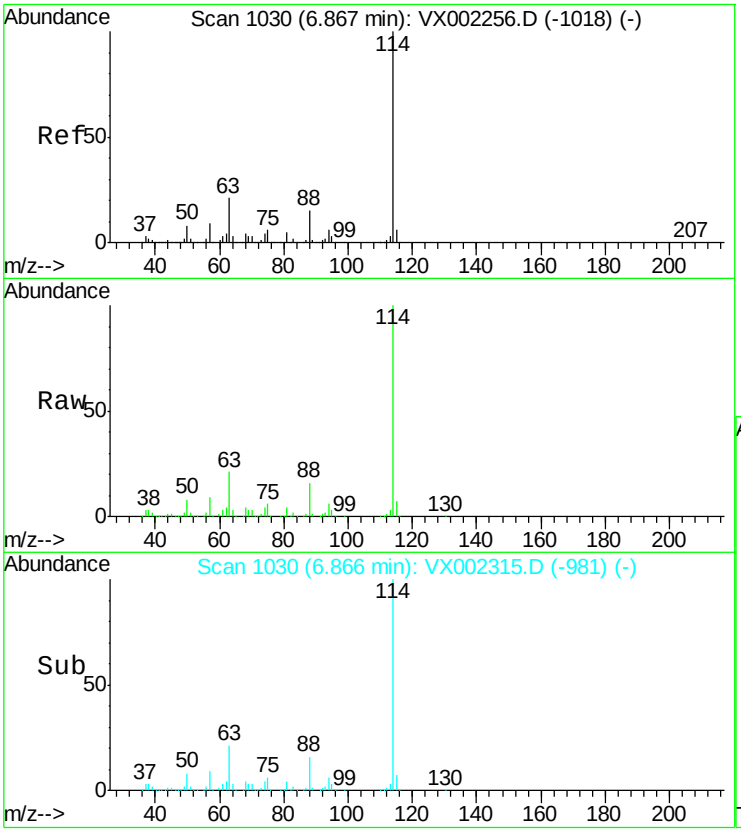


#33
1,2-Dichloroethane-d4
Concen: 50.01 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion: 65 Resp: 168827

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6



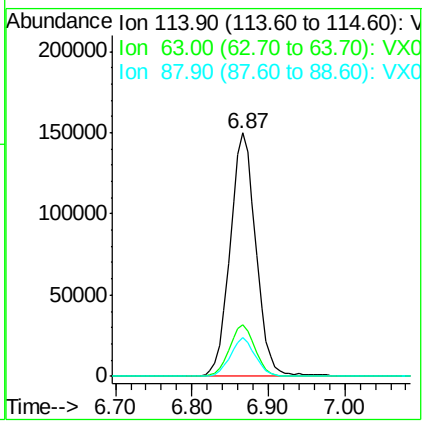


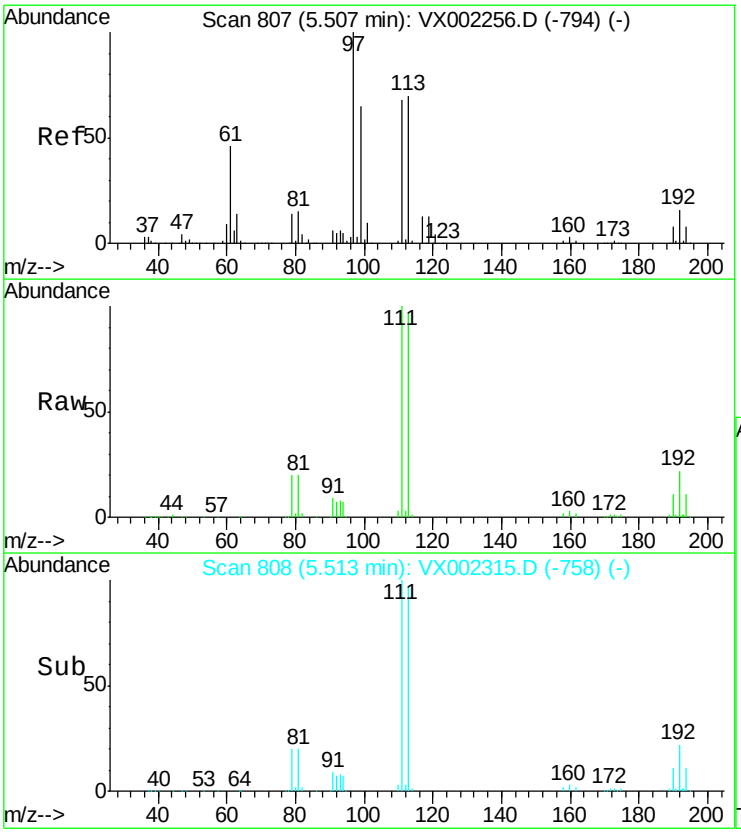
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 348035

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.4
88	15.9	0.0	30.0

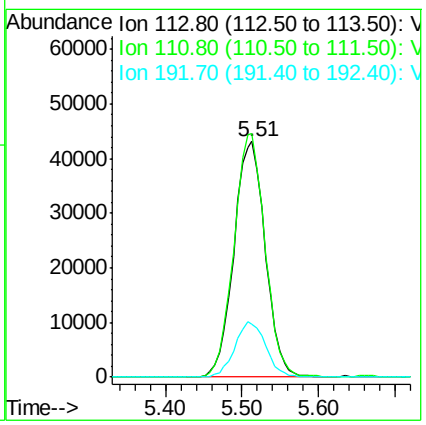


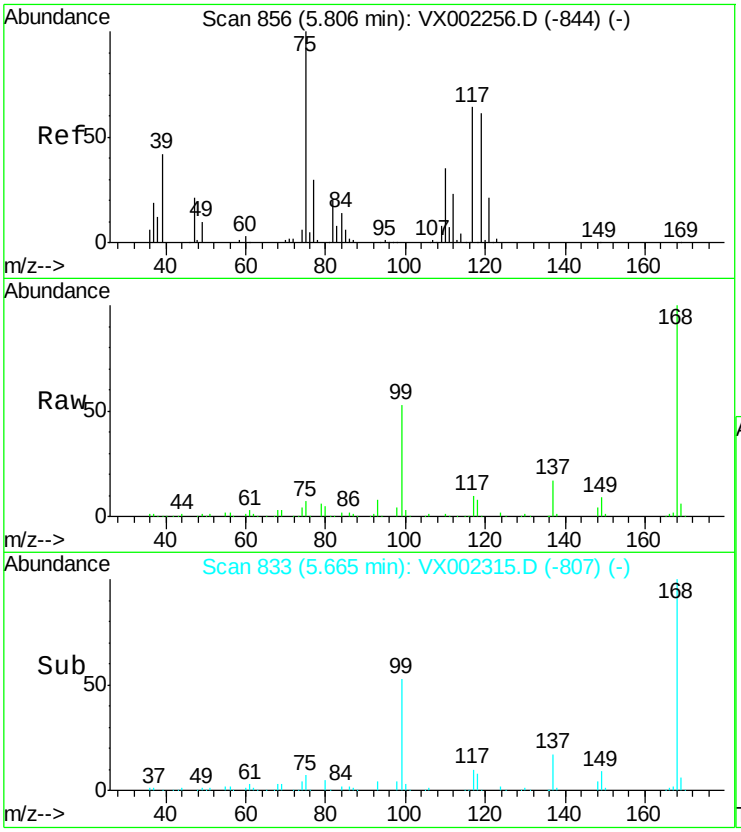


#35
Dibromofluoromethane
Concen: 44.78 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion:113 Resp: 122574

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	23.1	19.1	28.7



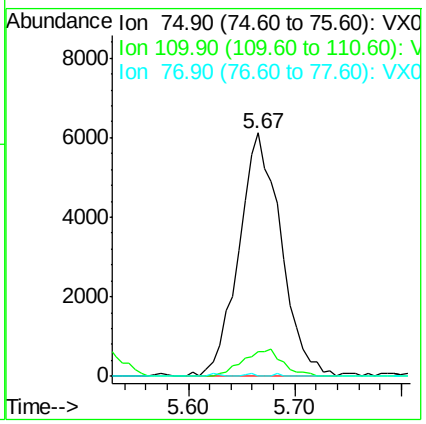


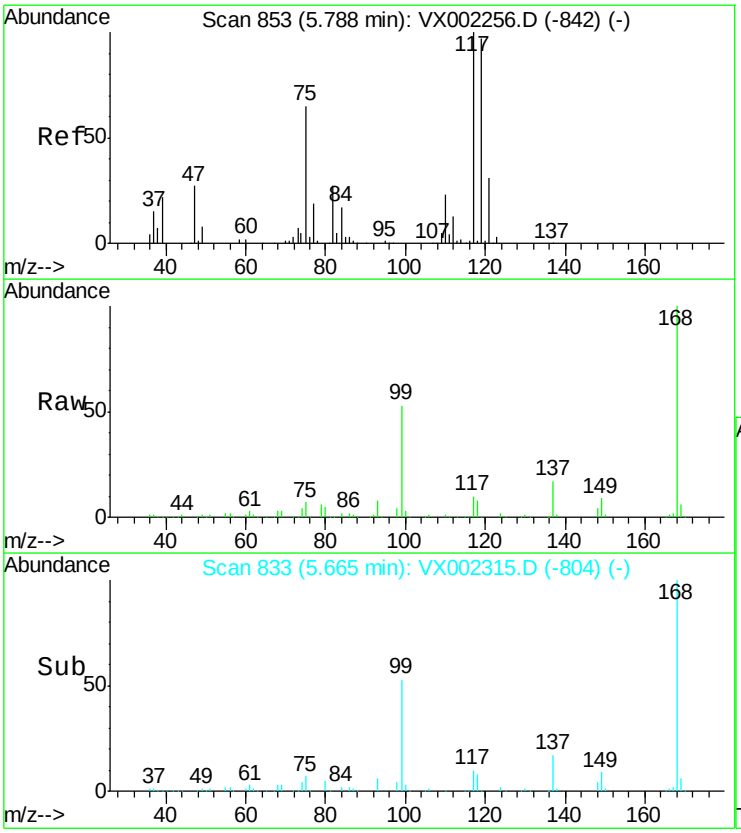
#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 16981

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.2	24.3	36.5#

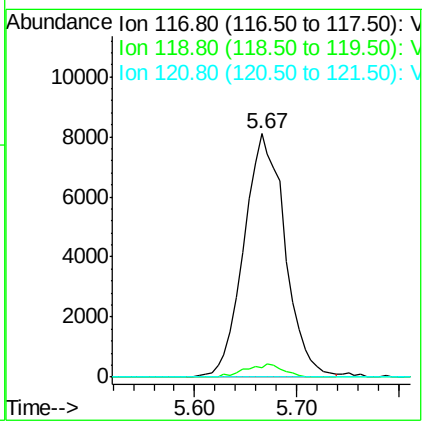


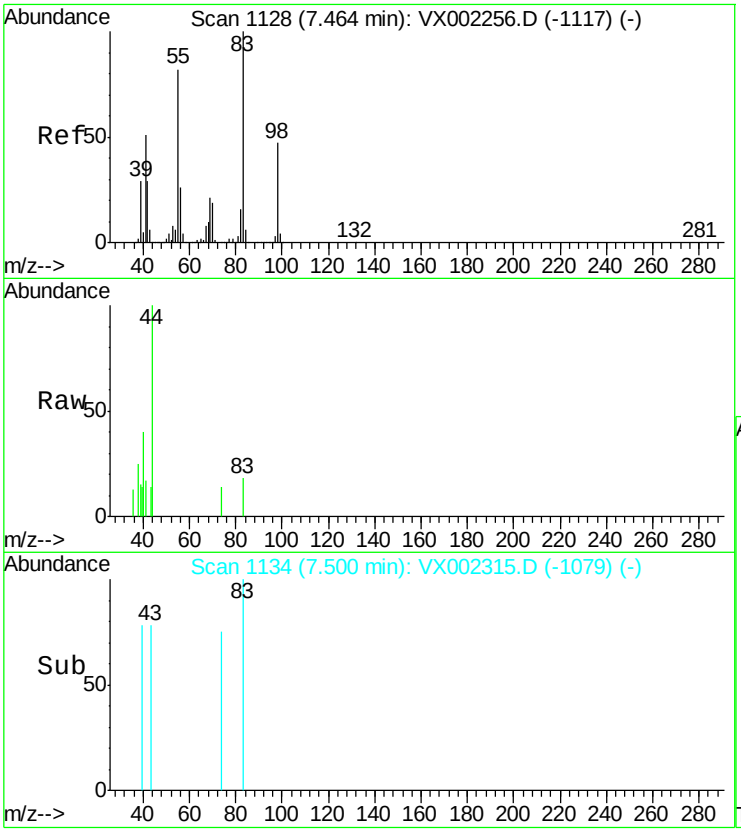


#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion:117 Resp: 22677

Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.4	116.0#
121	0.0	24.4	36.6#



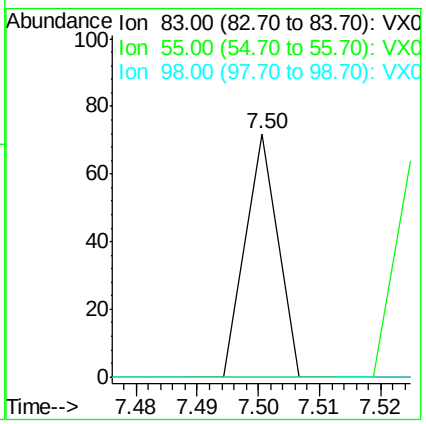


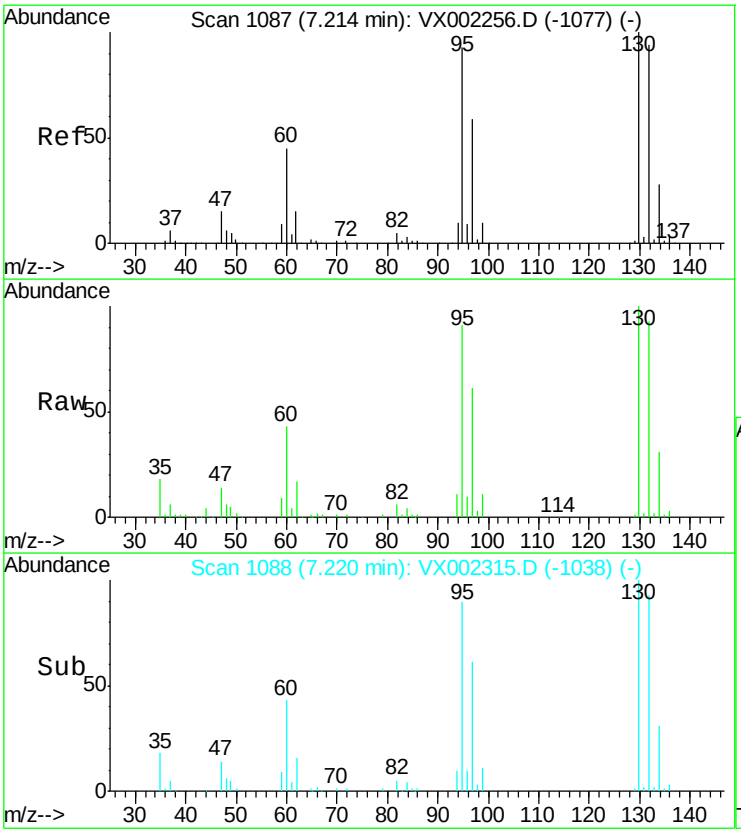
#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.50 min Scan# 1134
Delta R.T. 0.04 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 26

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

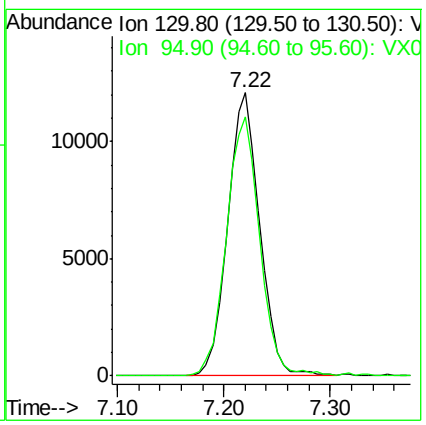


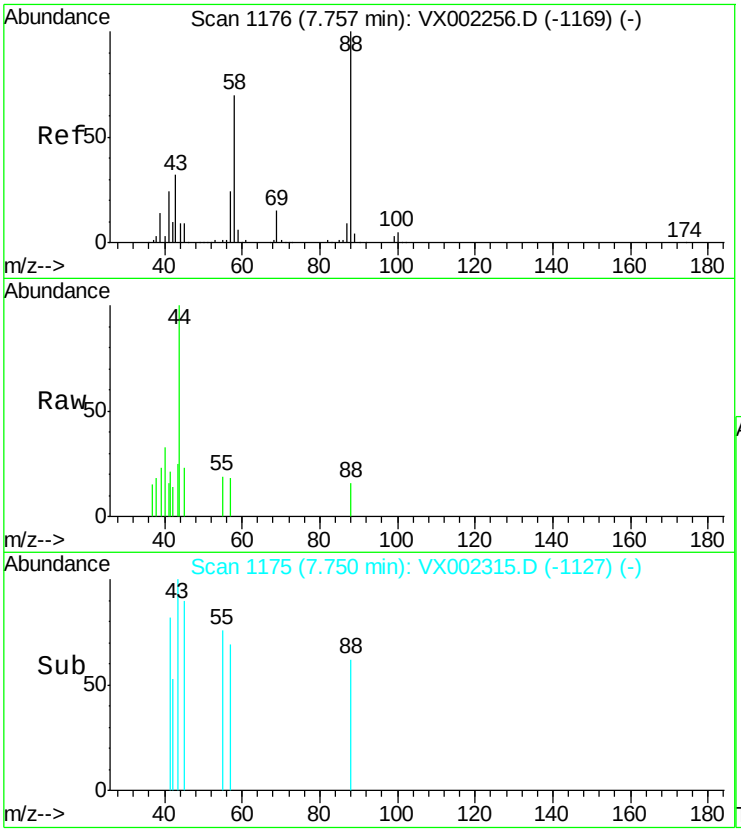


#44
Trichloroethene
Concen: 8.16 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion:130 Resp: 25411

Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	185.4



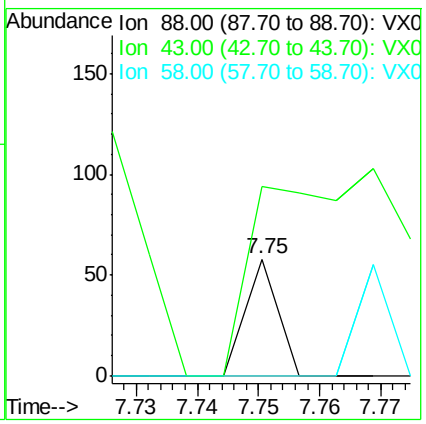


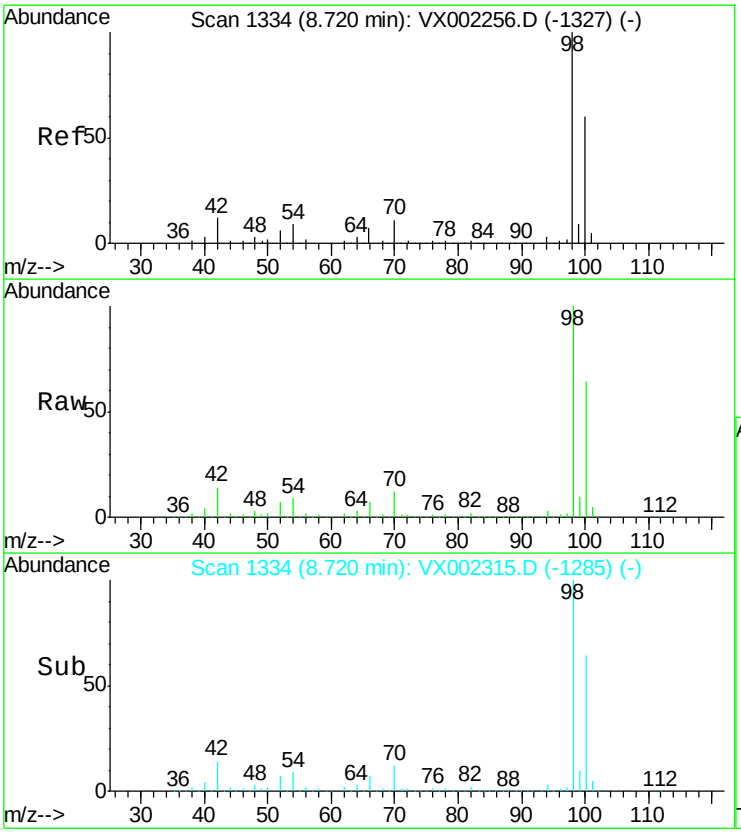
#49
1,4-Dioxane
Concen: 0.30 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. -0.01 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 21

Ion	Ratio	Lower	Upper
88	100		
43	900.0	29.8	44.6#
58	95.2	57.1	85.7#

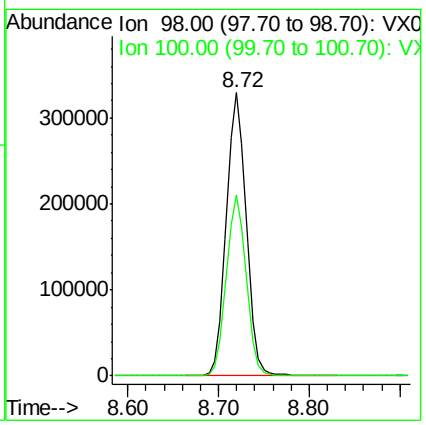


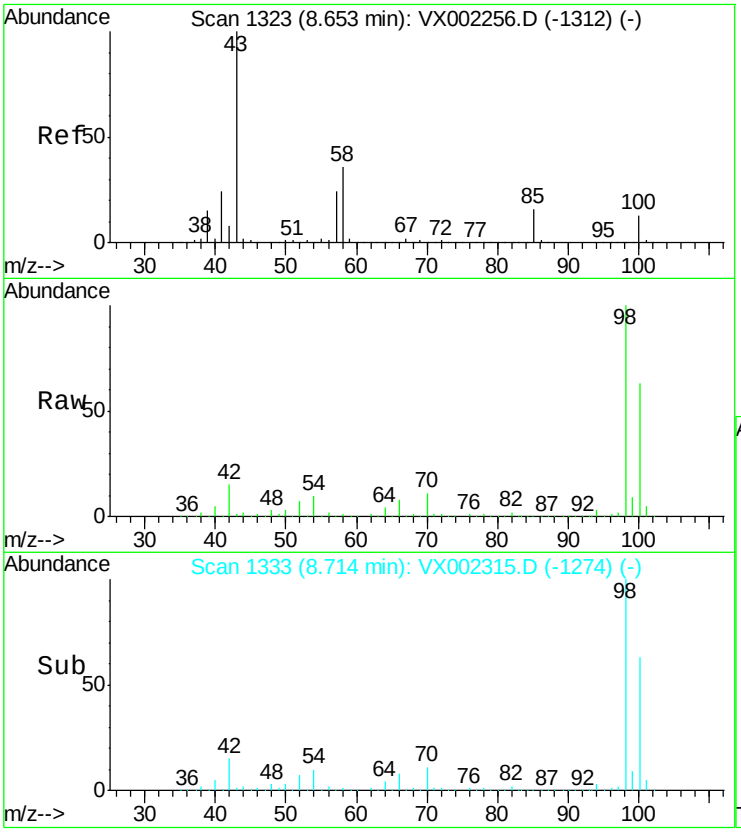


#50
Toluene-d8
Concen: 48.13 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion: 98 Resp: 504909

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3



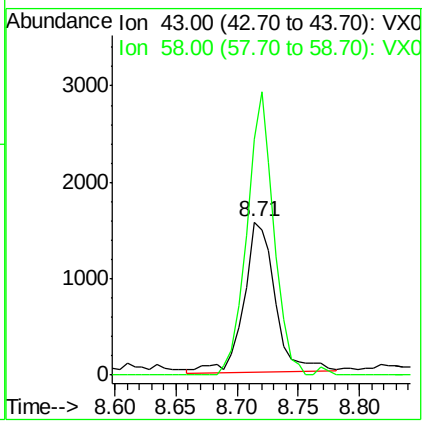


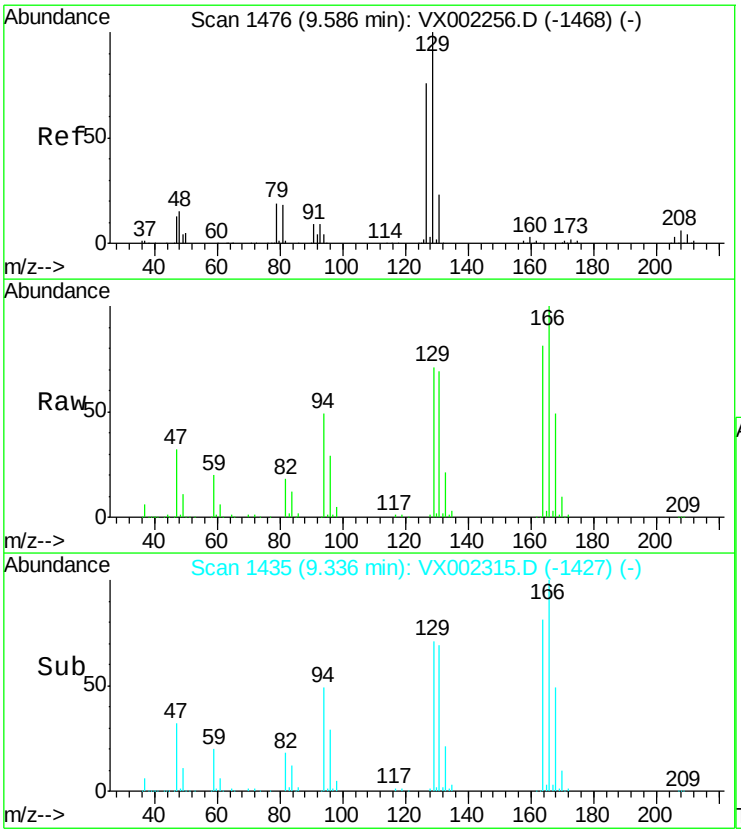
#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.06 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2757

Ion	Ratio	Lower	Upper
43	100		
58	161.9	28.6	42.8#

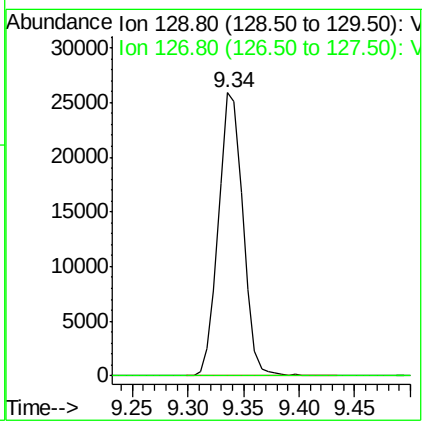


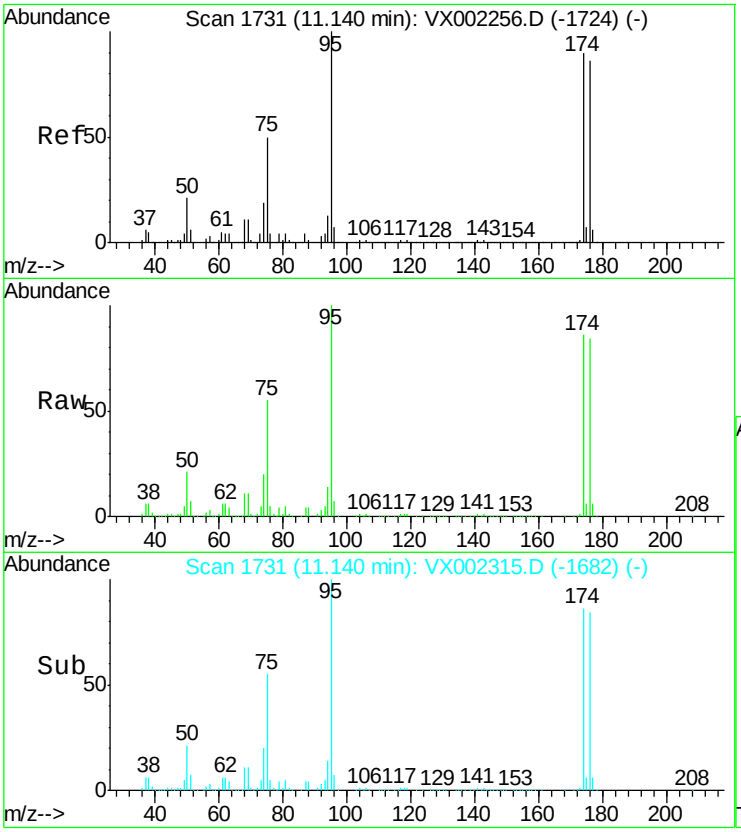


#60
Dibromochloromethane
Concen: 13.41 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion:129 Resp: 39584

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



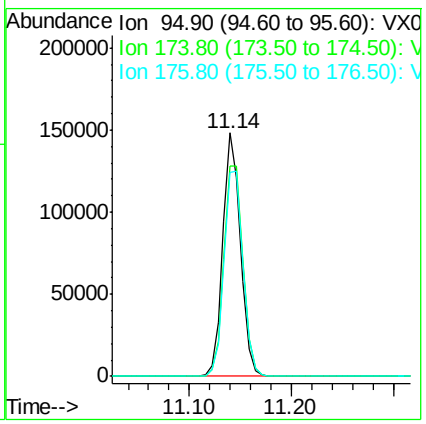


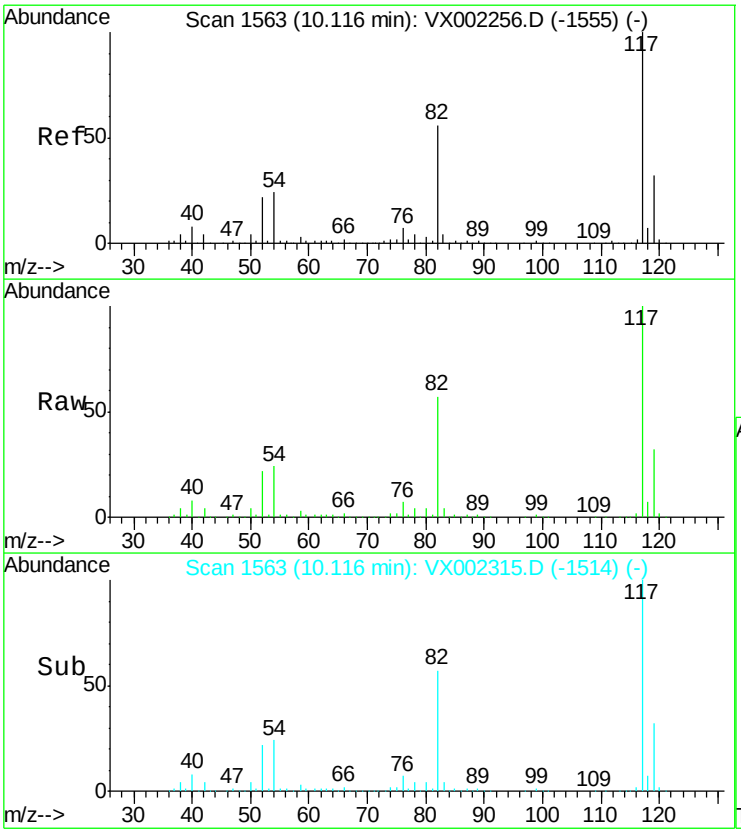
#62
4-Bromofluorobenzene
Concen: 43.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 177459

Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	187.4
176	91.2	0.0	181.0

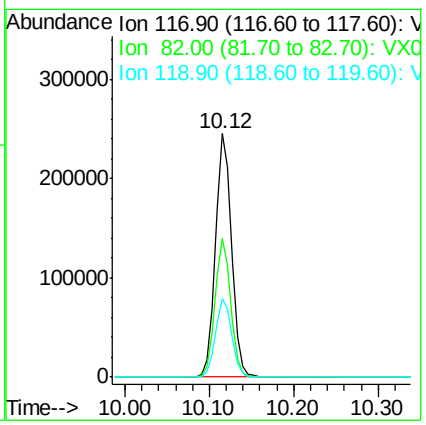


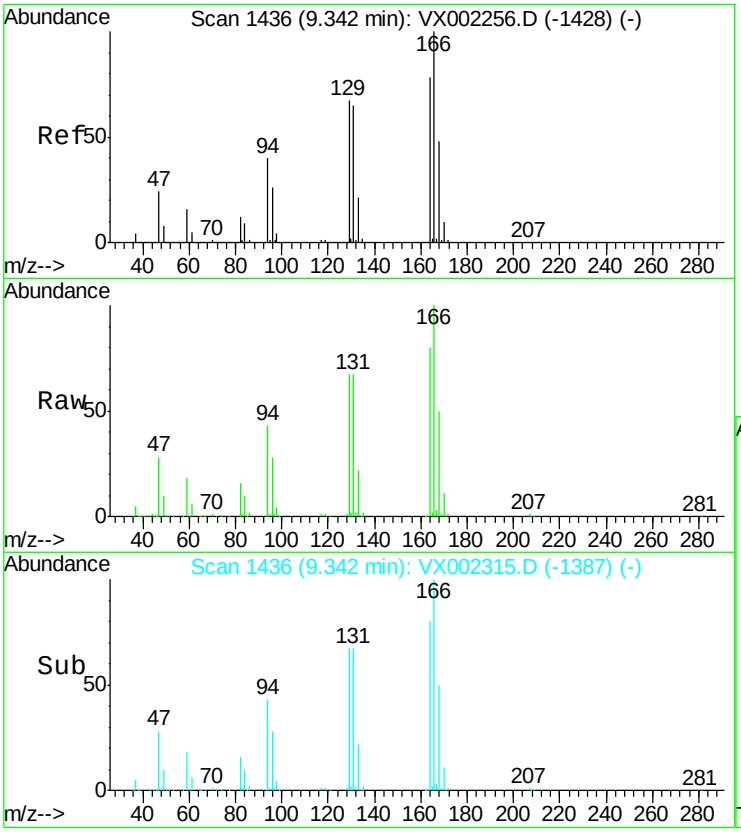


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion:117 Resp: 325564

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.0	67.4
119	32.1	25.8	38.6



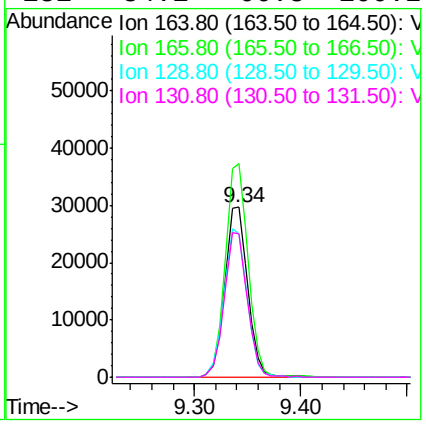


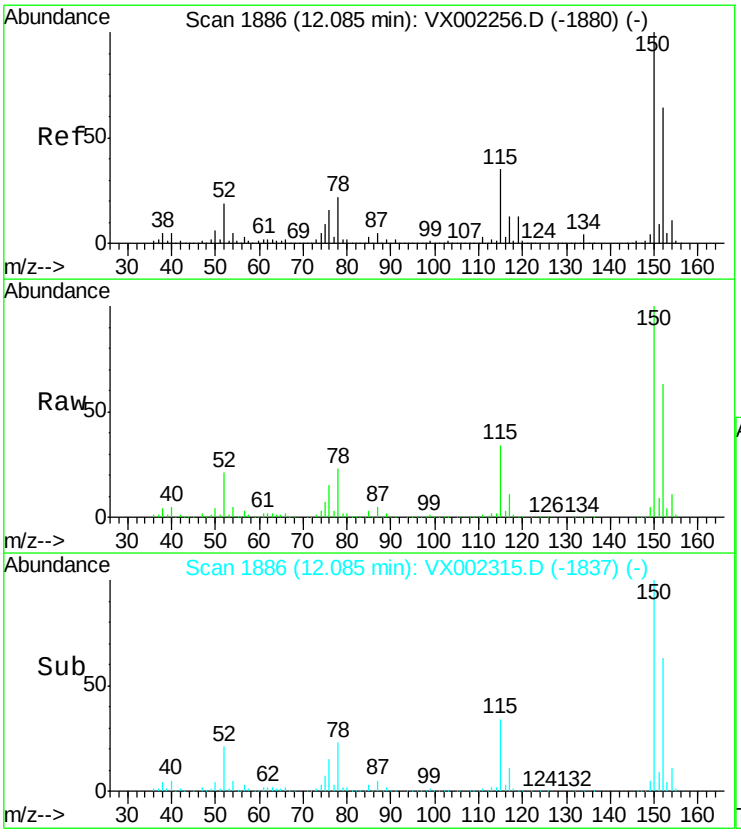
#64
Tetrachloroethene
Concen: 13.40 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 44996

Ion	Ratio	Lower	Upper
164	100		
166	125.5	102.9	154.3
129	84.4	68.6	102.8
131	84.1	66.8	100.2

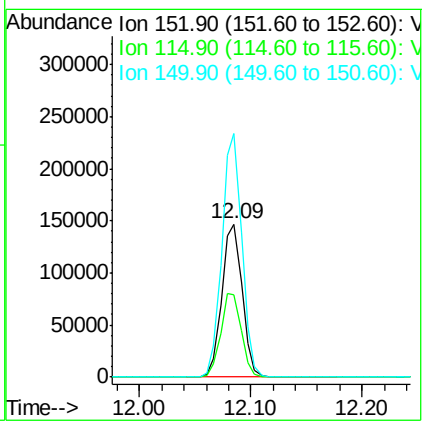


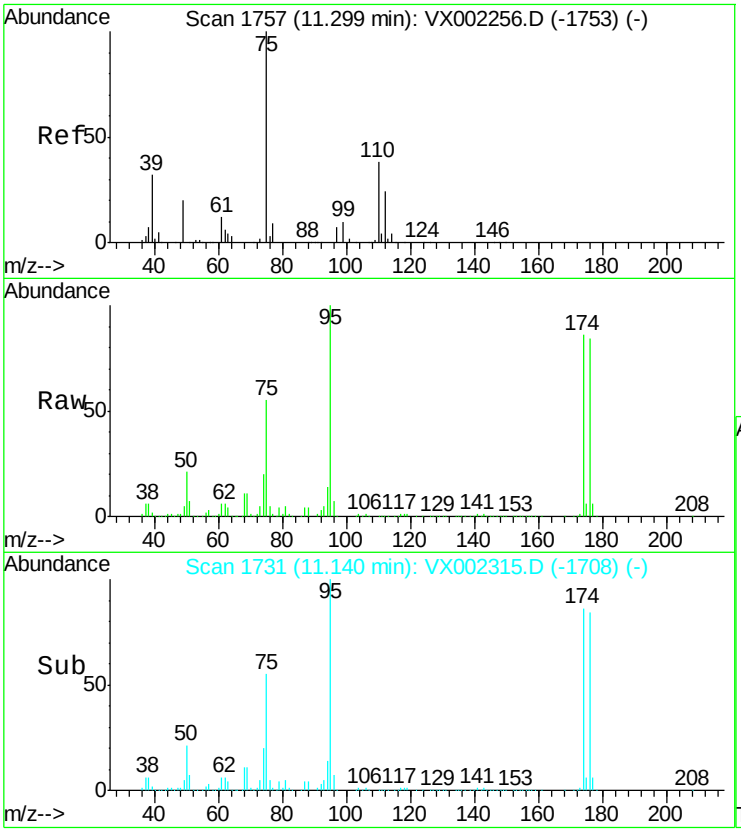


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion:152 Resp: 184671

Ion	Ratio	Lower	Upper
152	100		
115	55.2	40.1	120.2
150	156.5	0.0	347.2



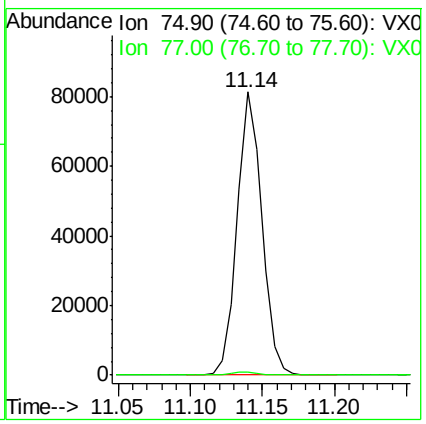


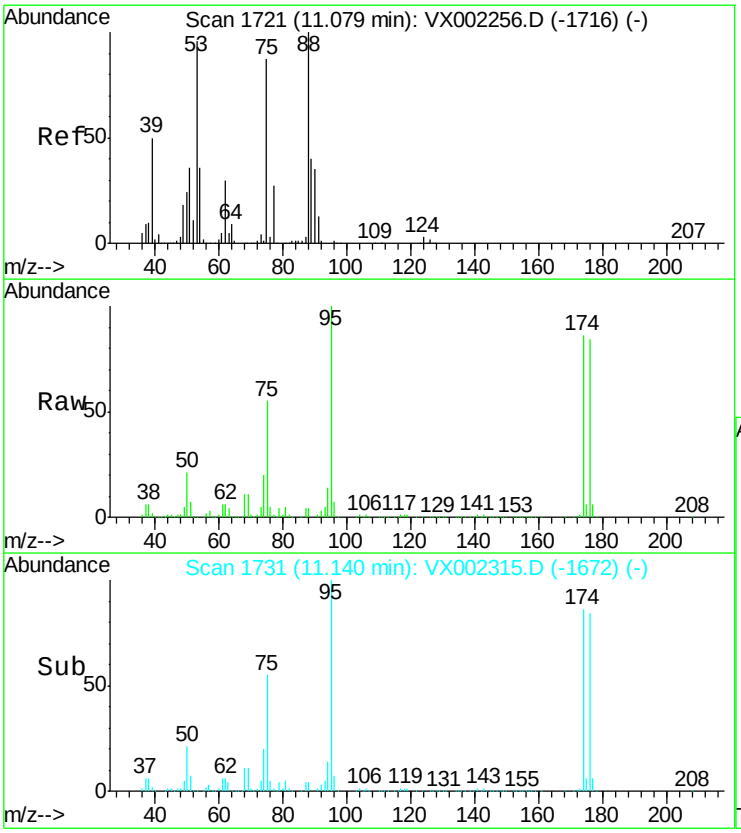
#76
1,2,3-Trichloropropane
Concen: 24.04 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 97434

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.29 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002315.D
Acq: 05 Jun 2018 19:31

Tgt Ion: 75 Resp: 97434

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