Quantitation Report (Not Reviewed)

Data Path : Y:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060418\
Data File : VX002283.D
Acq On : 05 Jun 2018 02:19
Operator : JC/MD
Sample : J3269-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 05 07:22:37 2018
Quant Method : Y:\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	252854	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	366188	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	329929	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170833	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	178780	49.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.80%				
35) Dibromofluoromethane	5.51	113	129393	44.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.86%				
50) Toluene-d8	8.72	98	522404	47.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.66%				
62) 4-Bromofluorobenzene	11.14	95	174767	41.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 82.12%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	2327	Below Cal			100
4) Vinyl Chloride	1.41	62	84519	25.51	ug/l		100
5) Bromomethane	1.65	94	1319	Below Cal		#	75
6) Chloroethane	1.73	64	607	0.28	ug/l	#	57
8) Diethyl Ether	2.24	74	76	Below Cal			54
10) Methyl Iodide	2.53	142	1193	0.31	ug/l	#	86
11) Tert butyl alcohol	3.03	59	1958	Below Cal			96
12) 1,1-Dichloroethene	2.37	96	984	0.37	ug/l	#	60
13) Acrolein	2.31	56	391	Below Cal		#	14
15) Acrylonitrile	3.14	53	190	Below Cal		#	47
16) Acetone	2.45	43	1575	Below Cal			90
18) Methyl Acetate	2.77	43	278	Below Cal			93
19) Methyl tert-butyl Ether	3.21	73	409	Below Cal		#	83
20) Methylene Chloride	2.87	84	624	Below Cal		#	56
22) Diisopropyl ether	3.89	45	59	Below Cal		#	35
24) 1,1-Dichloroethane	3.70	63	1829	0.32	ug/l	#	89
27) cis-1,2-Dichloroethene	4.60	96	45976	14.24	ug/l		91
28) Bromochloromethane	4.96	49	19	Below Cal		#	13
29) Tetrahydrofuran	5.18	42	392	0.25	ug/l		99
31) Cyclohexane	5.67	56	5628	1.23	ug/l	#	18
36) 1,1-Dichloropropene	5.67	75	17953	4.66	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	23696	5.88	ug/l	#	15
39) Methylcyclohexane	7.49	83	20	0.27	ug/l	#	16
44) Trichloroethene	7.23	130	743	0.23	ug/l		69
49) 1,4-Dioxane	7.77	88	130	1.76	ug/l	#	43
76) 1,2,3-Trichloropropane	11.14	75	95170	25.39	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	95170	89.00	ug/l	#	6

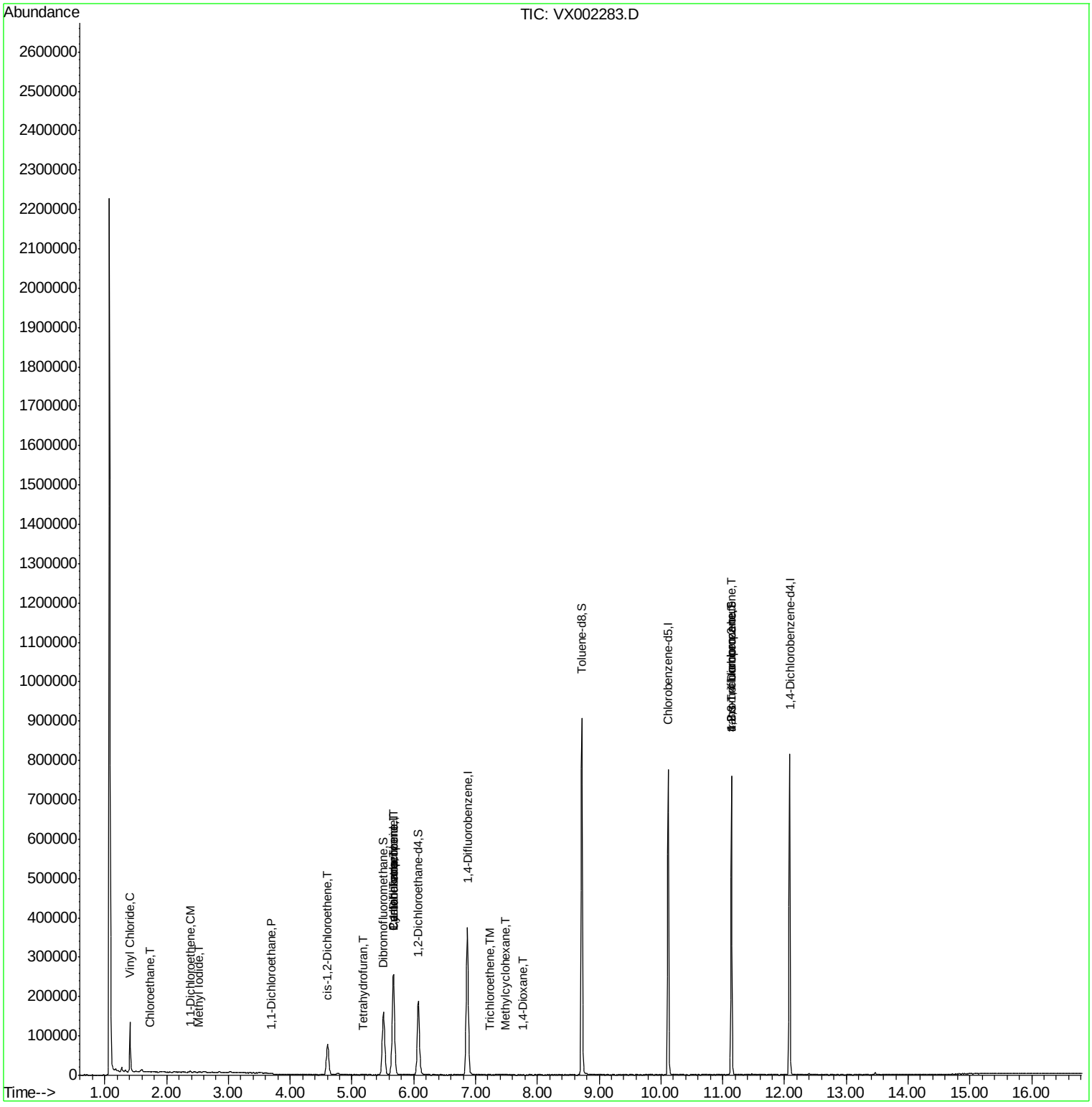
(#) = qualifier out of range (m) = manual integration (+) = signals summed

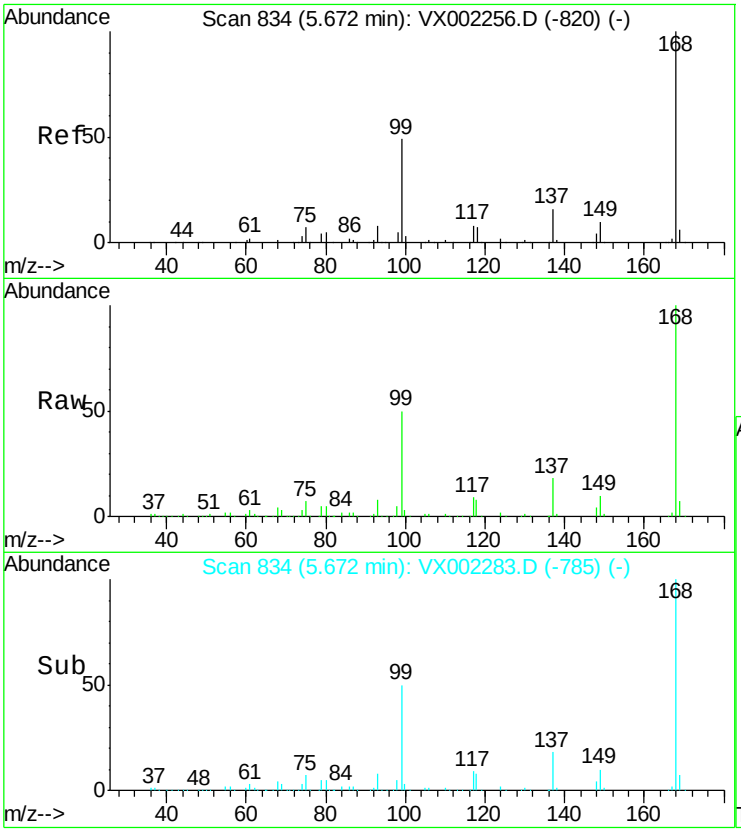
Quantitation Report (Not Reviewed)

Data Path : Y:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060418\
Data File : VX002283.D
Acq On : 05 Jun 2018 02:19
Operator : JC/MD
Sample : J3269-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 05 07:22:37 2018
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



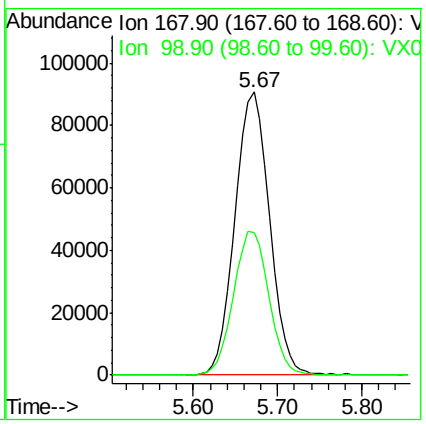


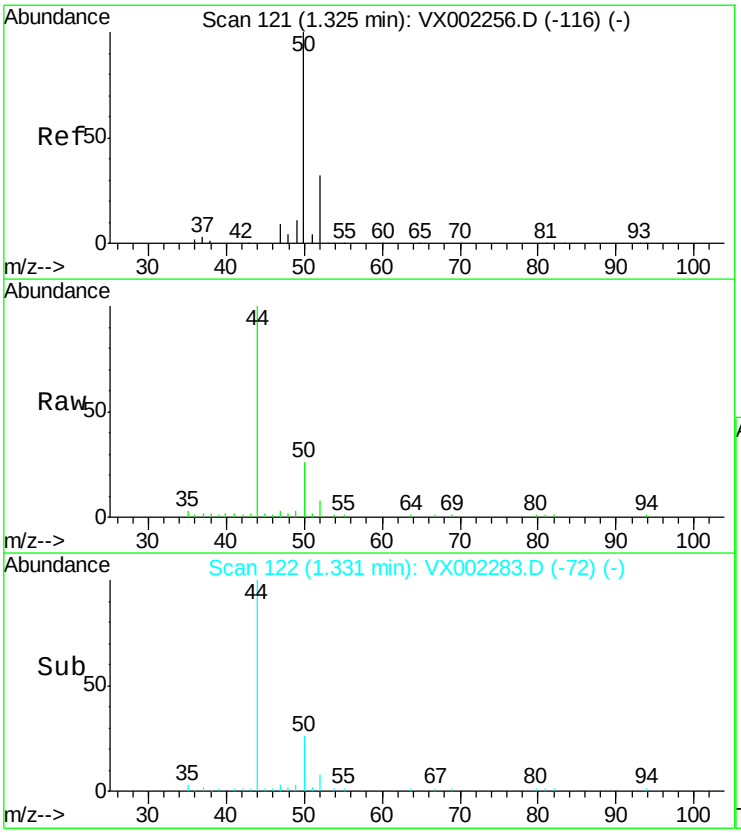
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 252854

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.3	58.9

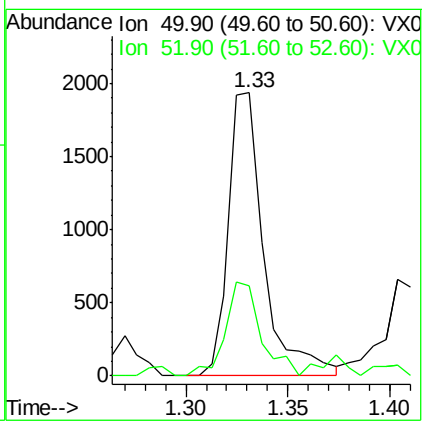


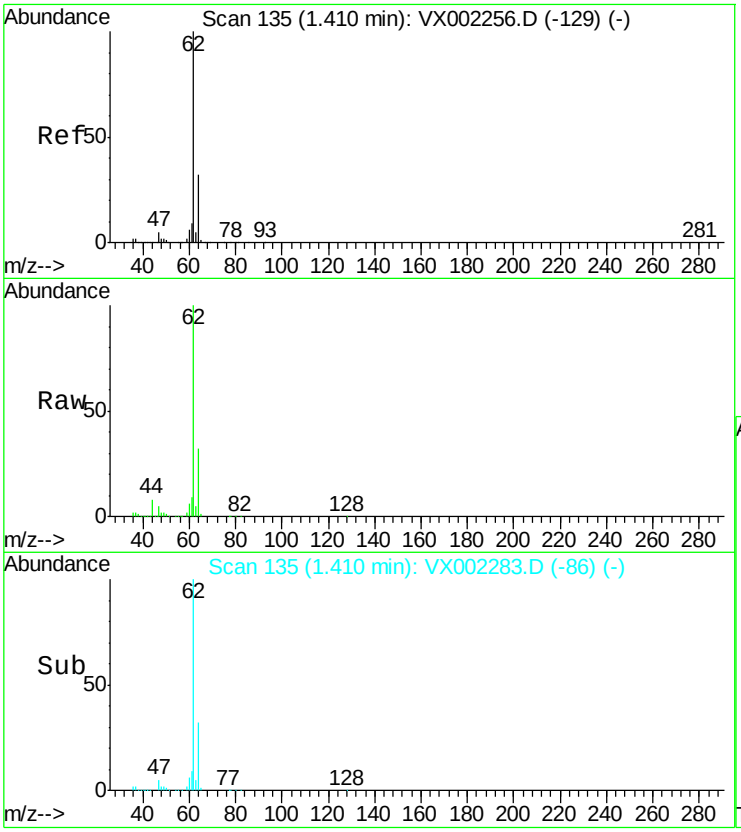


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 50 Resp: 2327

Ion	Ratio	Lower	Upper
50	100		
52	32.0	25.7	38.5



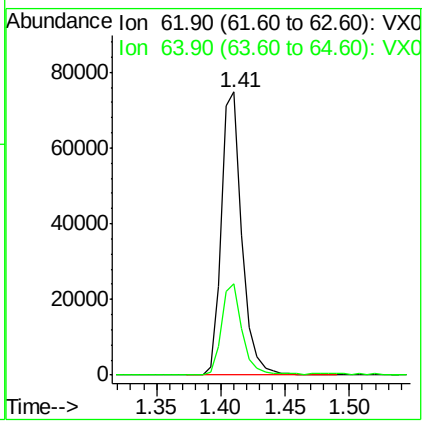


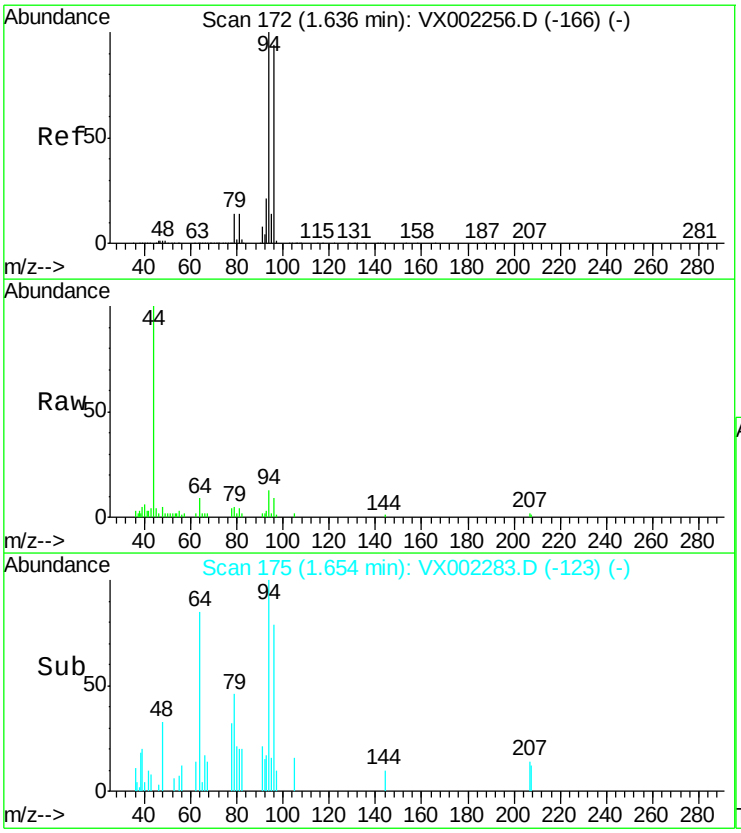
#4
Vinyl Chloride
Concen: 25.51 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 84519

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.4	38.2

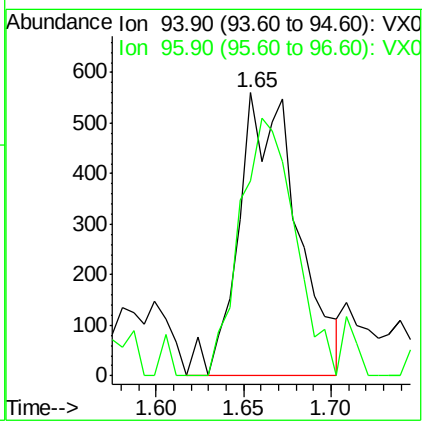


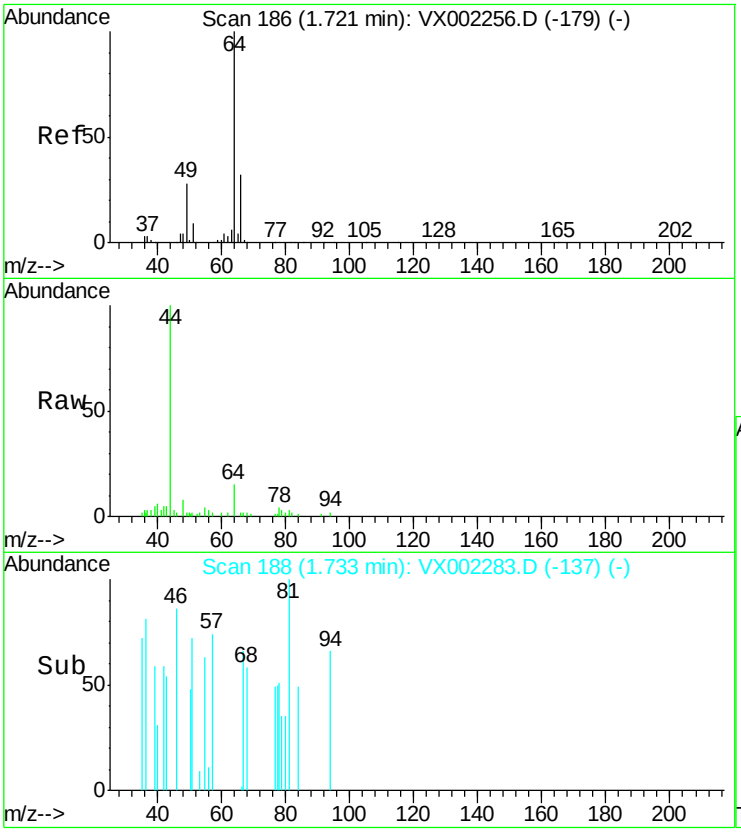


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 94 Resp: 1319

Ion	Ratio	Lower	Upper
94	100		
96	69.1	74.9	112.3#



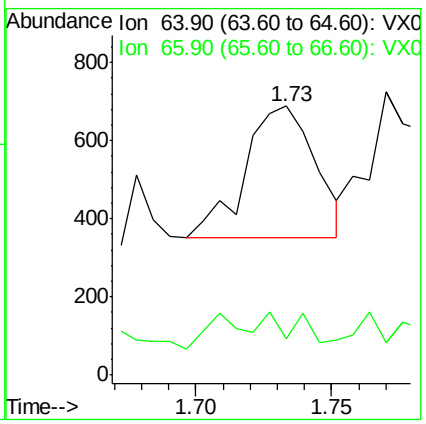


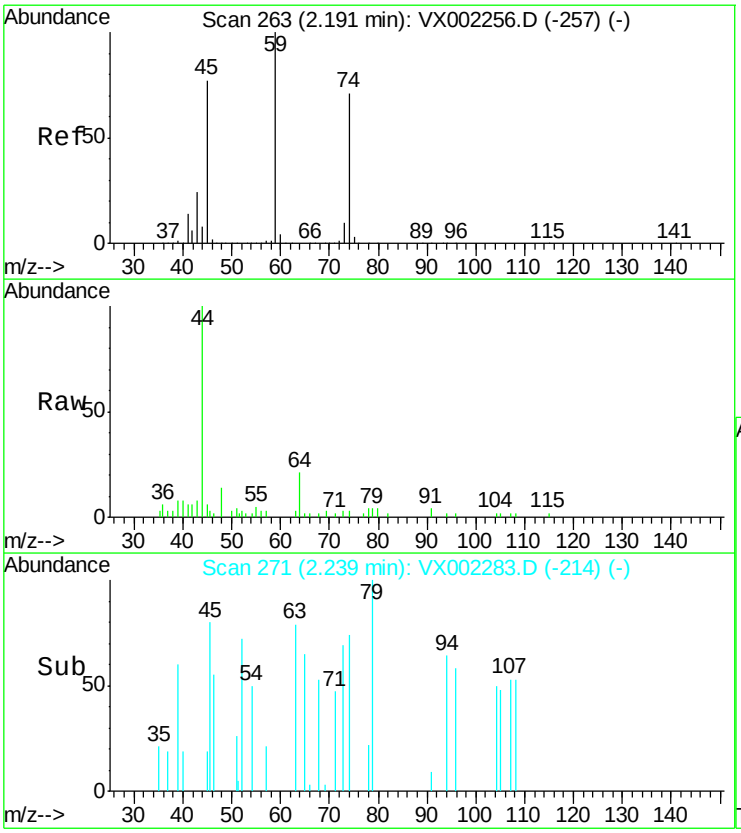
#6
Chloroethane
Concen: 0.28 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 607

Ion	Ratio	Lower	Upper
64	100		
66	7.7	25.5	38.3#

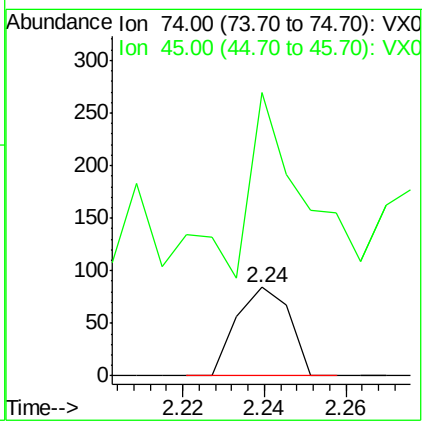


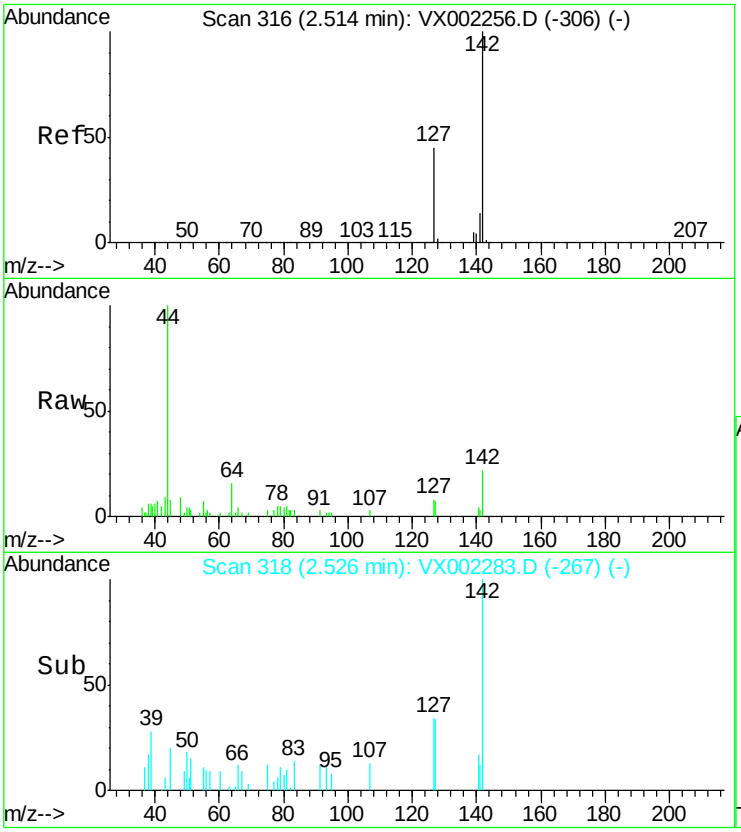


#8
Diethyl Ether
Concen: Below Cal
RT: 2.24 min Scan# 271
Delta R.T. 0.05 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 74 Resp: 76

Ion	Ratio	Lower	Upper
74	100		
45	153.9	53.1	159.4



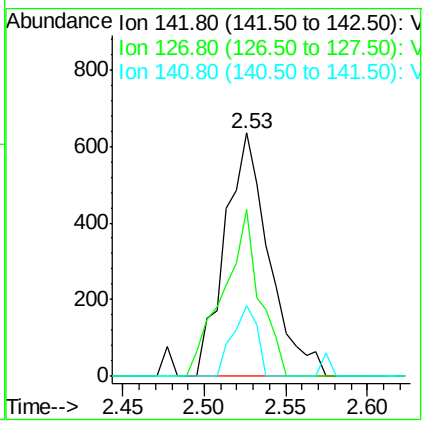


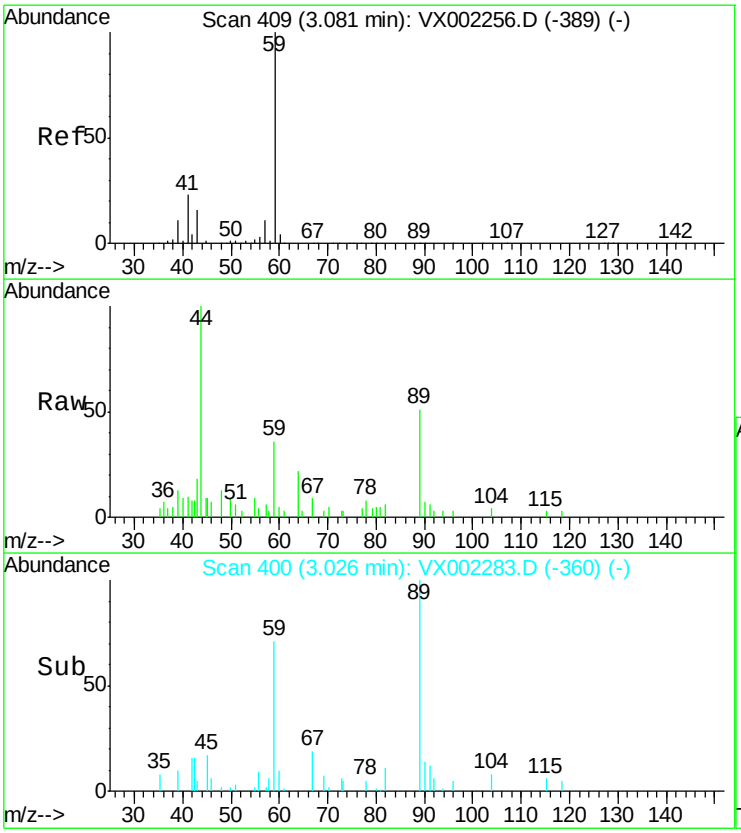
#10
Methyl Iodide
Concen: 0.31 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1193

Ion	Ratio	Lower	Upper
142	100		
127	56.5	36.6	55.0#
141	16.1	11.3	16.9

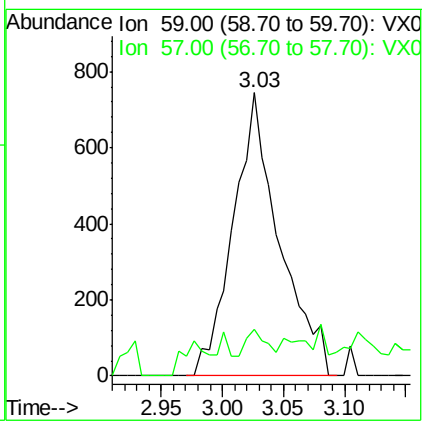


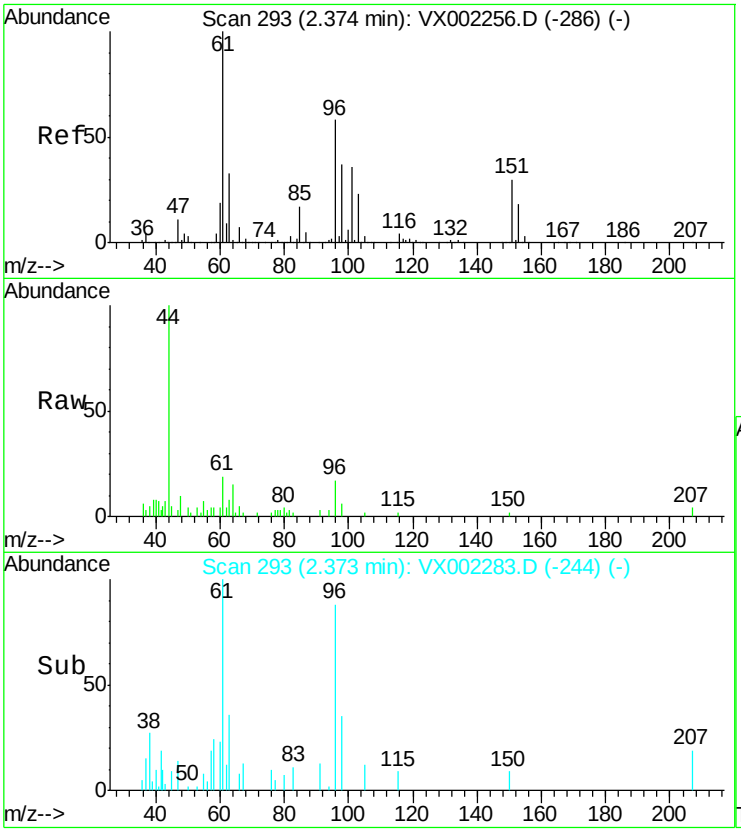


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 59 Resp: 1958

Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.2	12.2



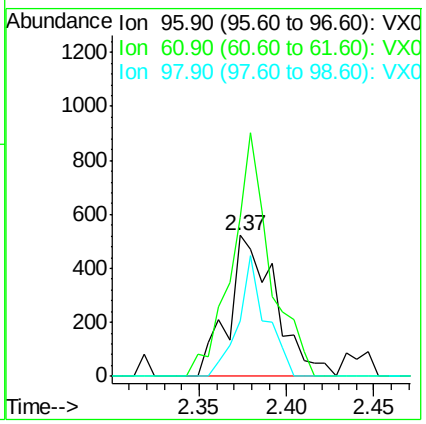


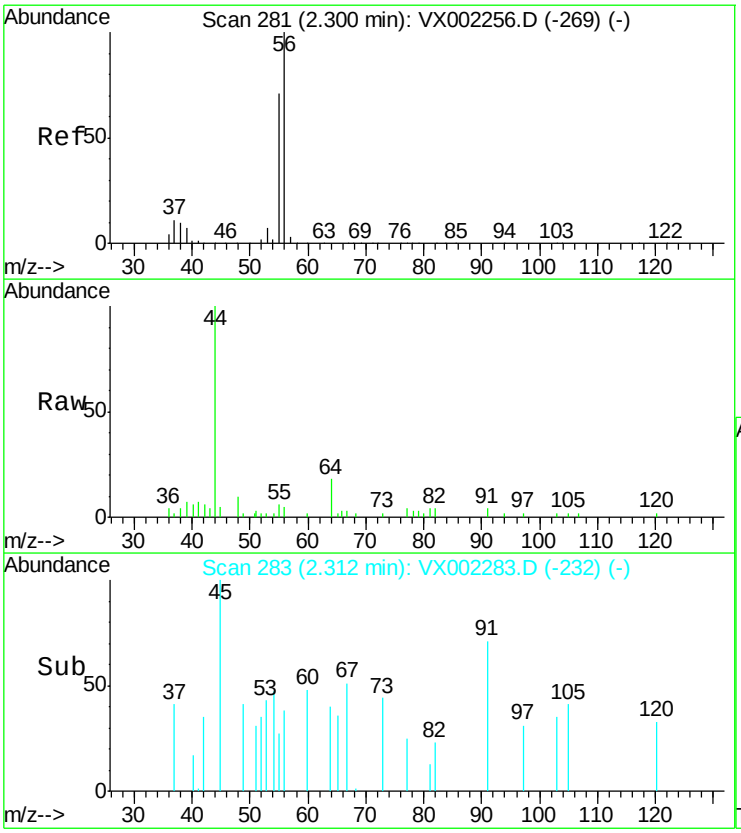
#12
1,1-Dichloroethene
Concen: 0.37 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 984

Ion	Ratio	Lower	Upper
96	100		
61	113.0	137.9	206.9#
98	39.0	51.6	77.4#

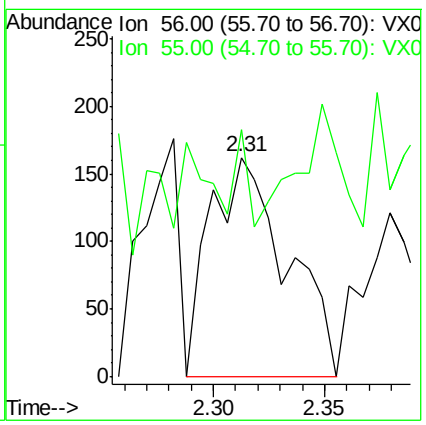


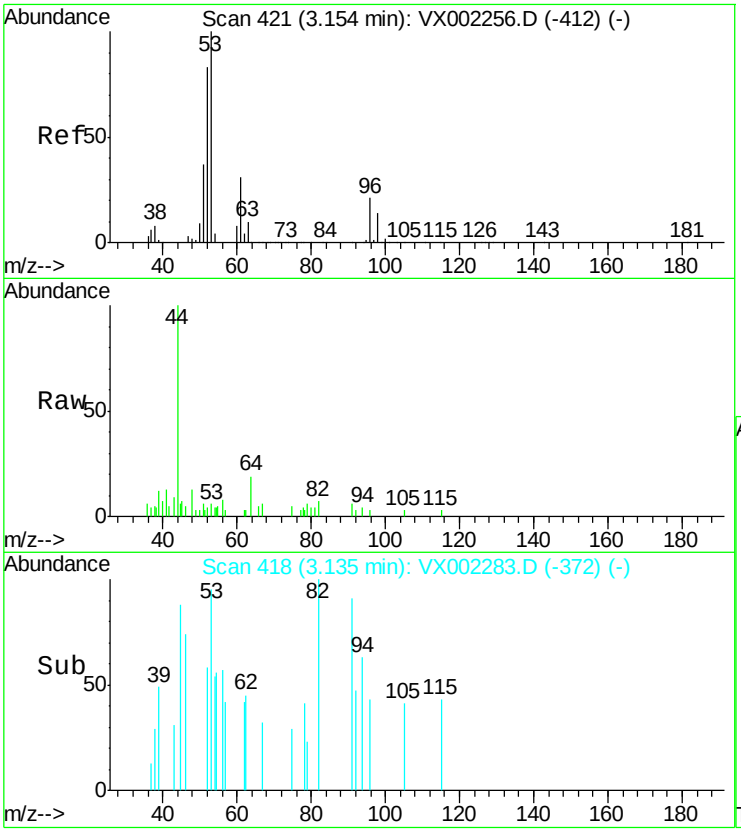


#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 56 Resp: 391

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



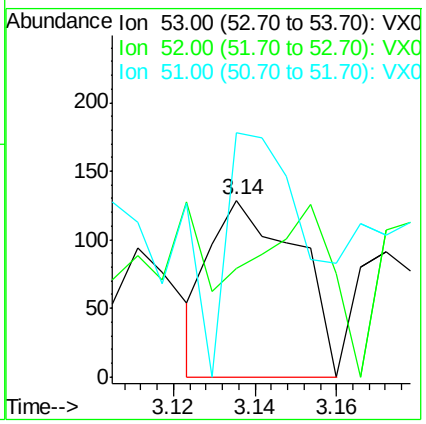


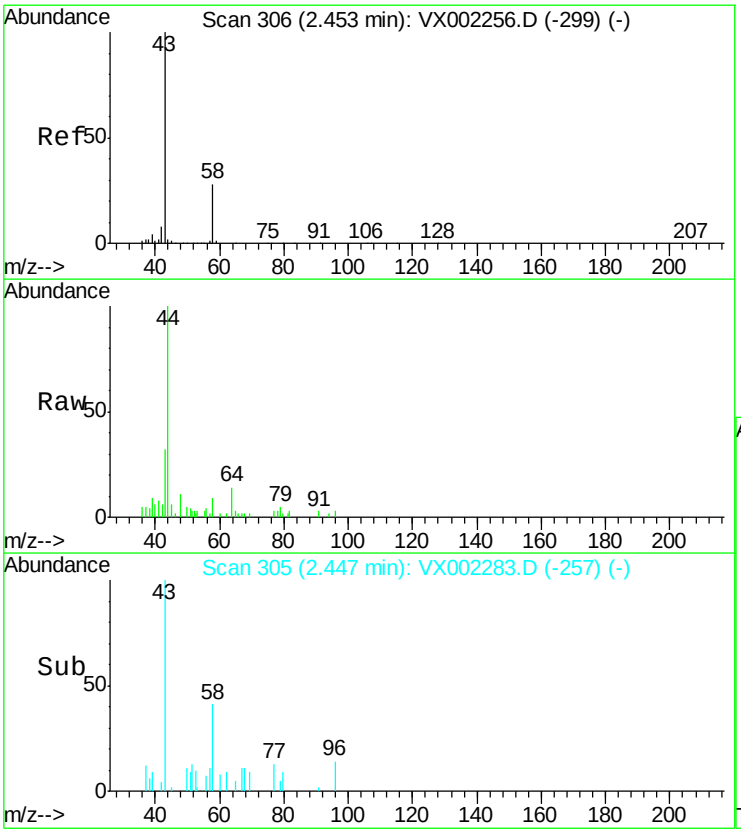
#15
Acrylonitrile
Concen: Below Cal
RT: 3.14 min Scan# 418
Delta R.T. -0.02 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 190

Ion	Ratio	Lower	Upper
53	100		
52	75.3	66.7	100.1
51	128.4	29.9	44.9#

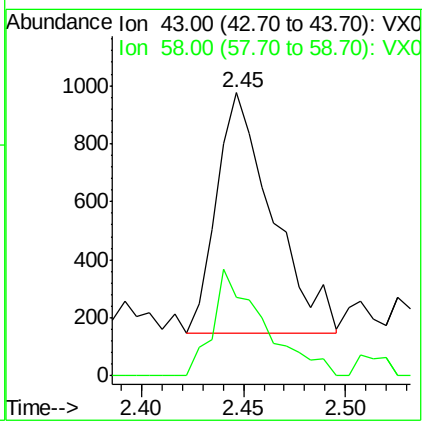


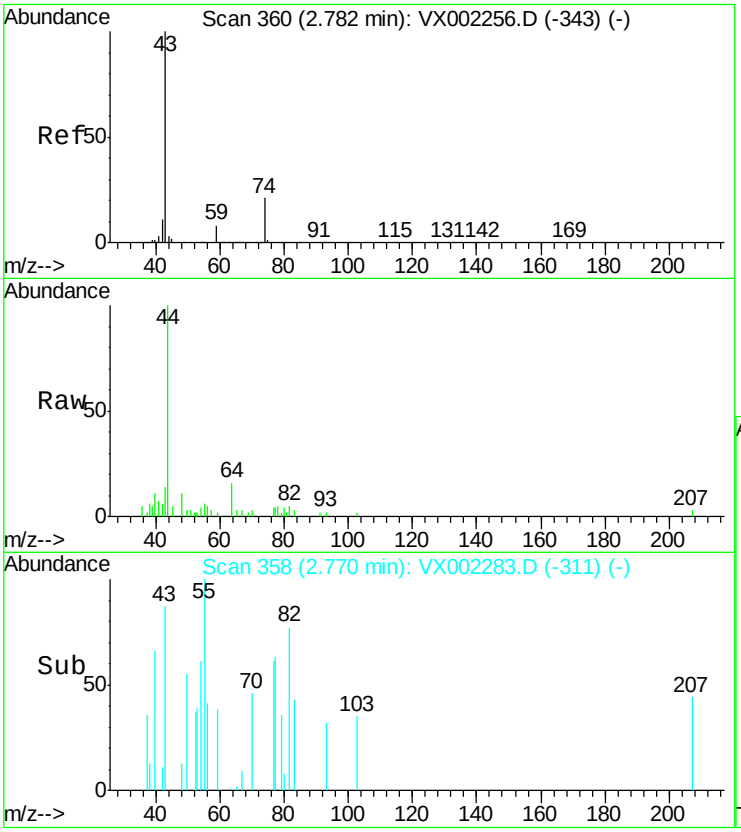


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 43 Resp: 1575

Ion	Ratio	Lower	Upper
43	100		
58	32.9	22.1	33.1



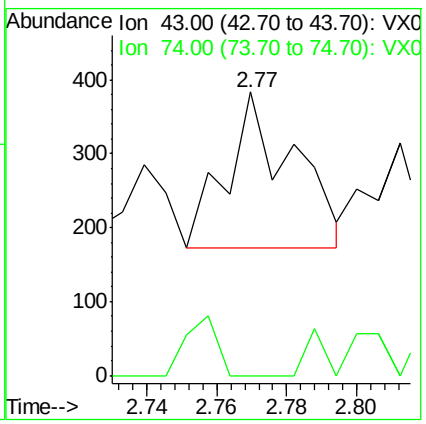


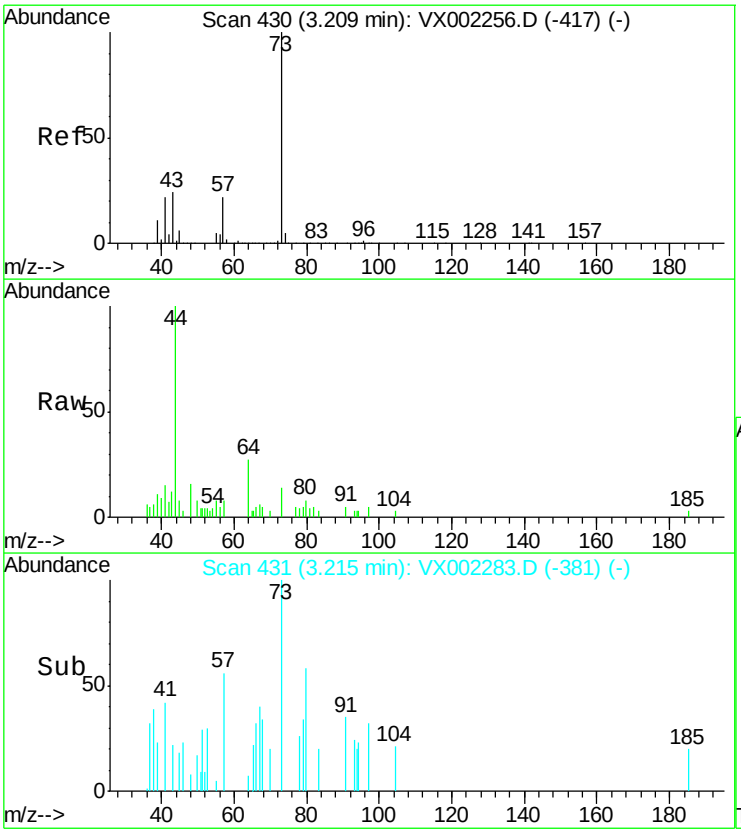
#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 278

Ion	Ratio	Lower	Upper
43	100		
74	17.6	16.7	25.1

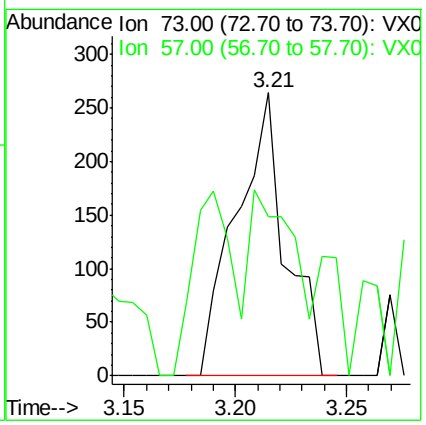


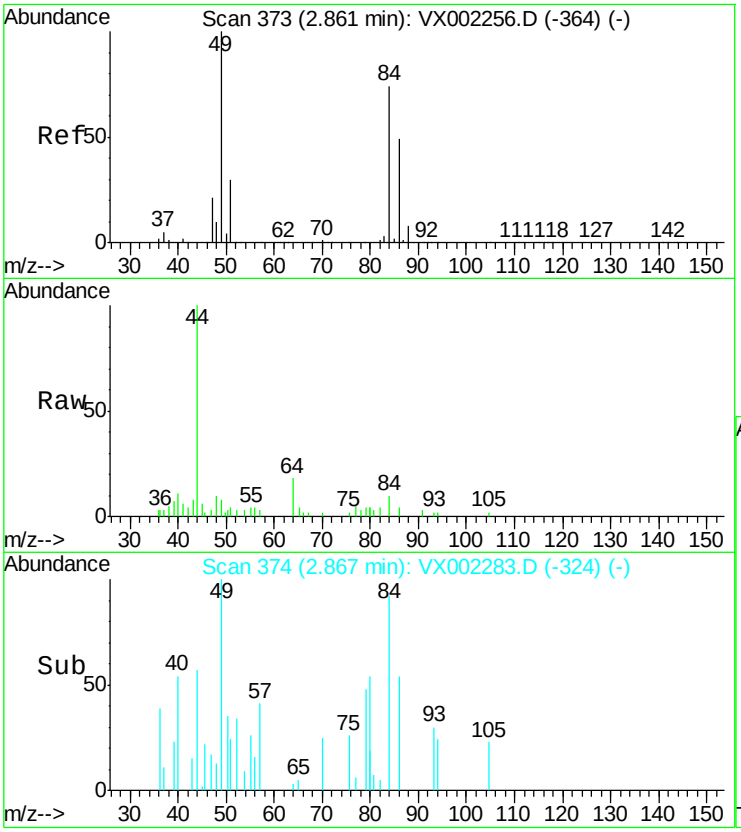


#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 73 Resp: 409

Ion	Ratio	Lower	Upper
73	100		
57	30.3	17.7	26.5#



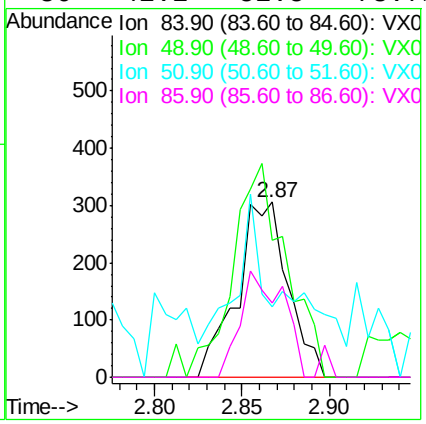


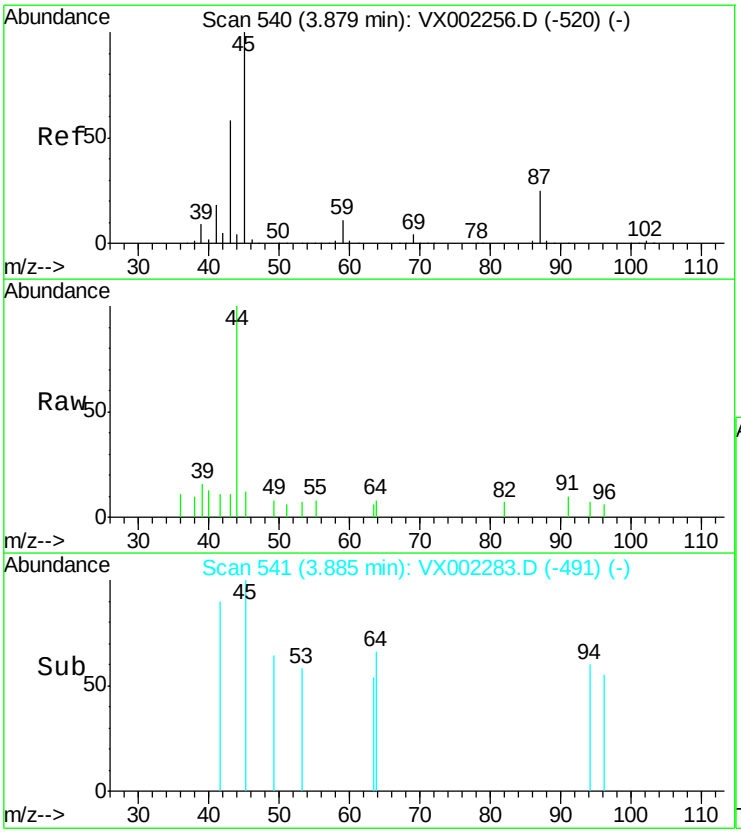
#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 624

Ion	Ratio	Lower	Upper
84	100		
49	78.1	107.8	161.6#
51	6.2	32.8	49.2#
86	42.2	52.5	78.7#

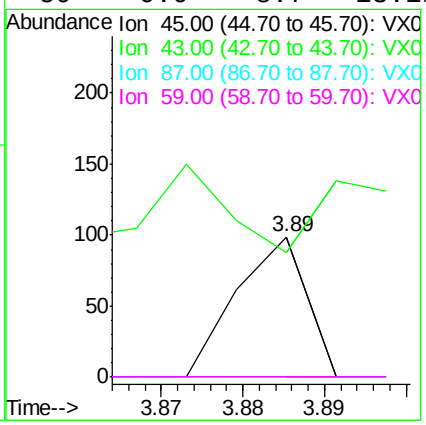


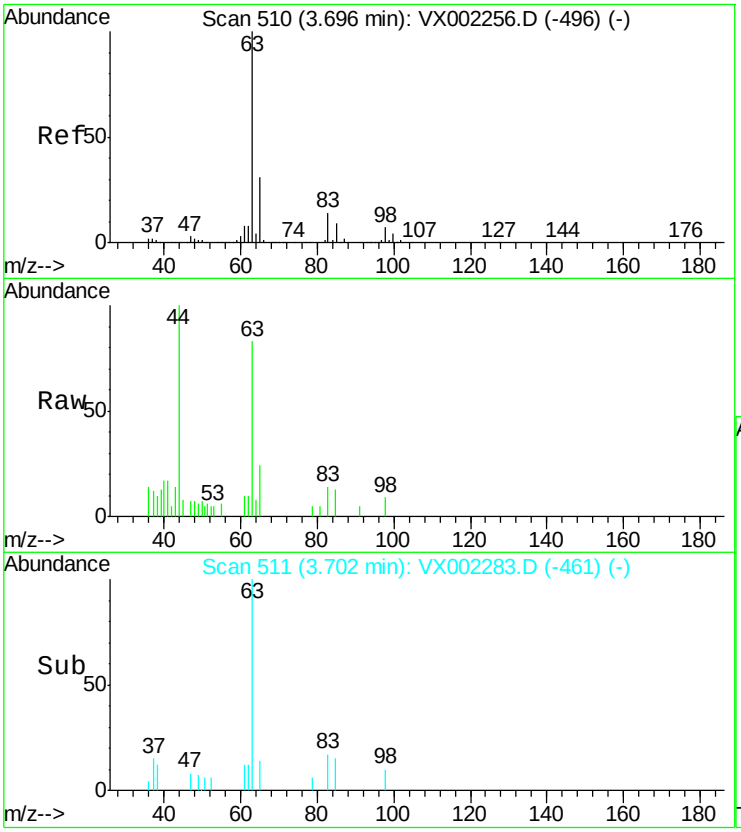


#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 45 Resp: 59

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#



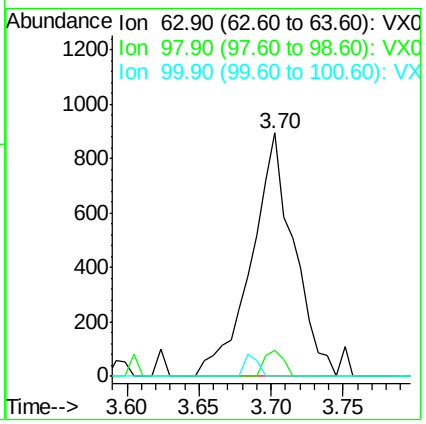


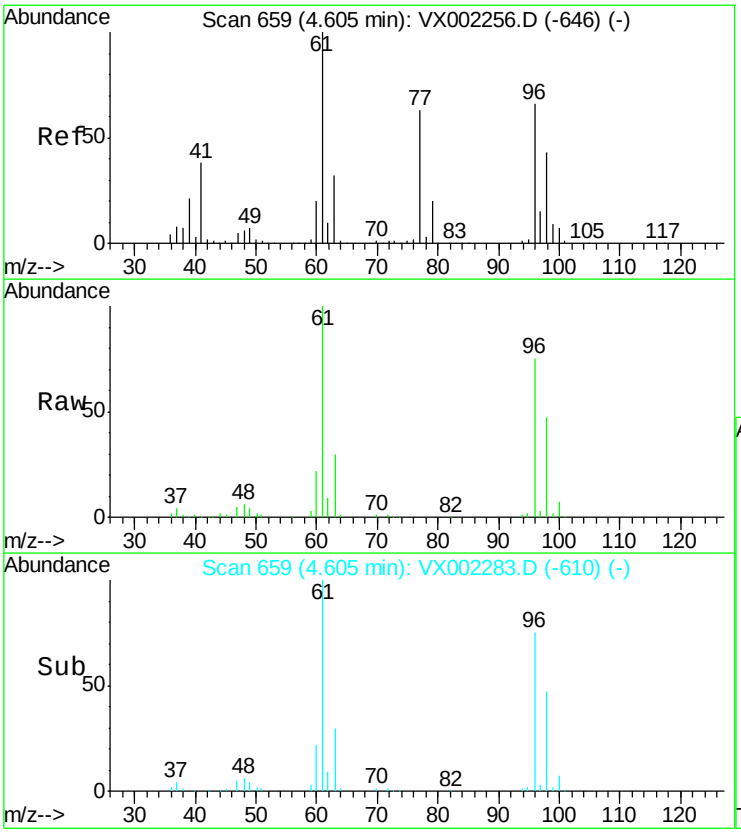
#24
1,1-Dichloroethane
Concen: 0.32 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 1829

Ion	Ratio	Lower	Upper
63	100		
98	10.5	3.4	10.2#
100	0.0	2.0	6.0#

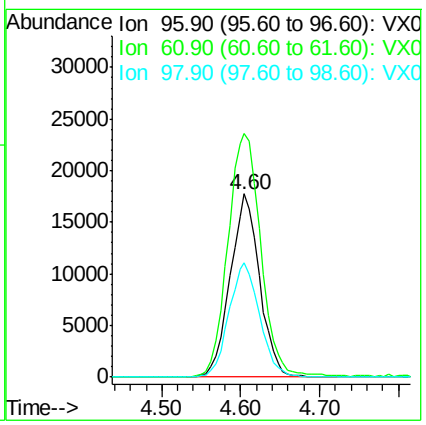


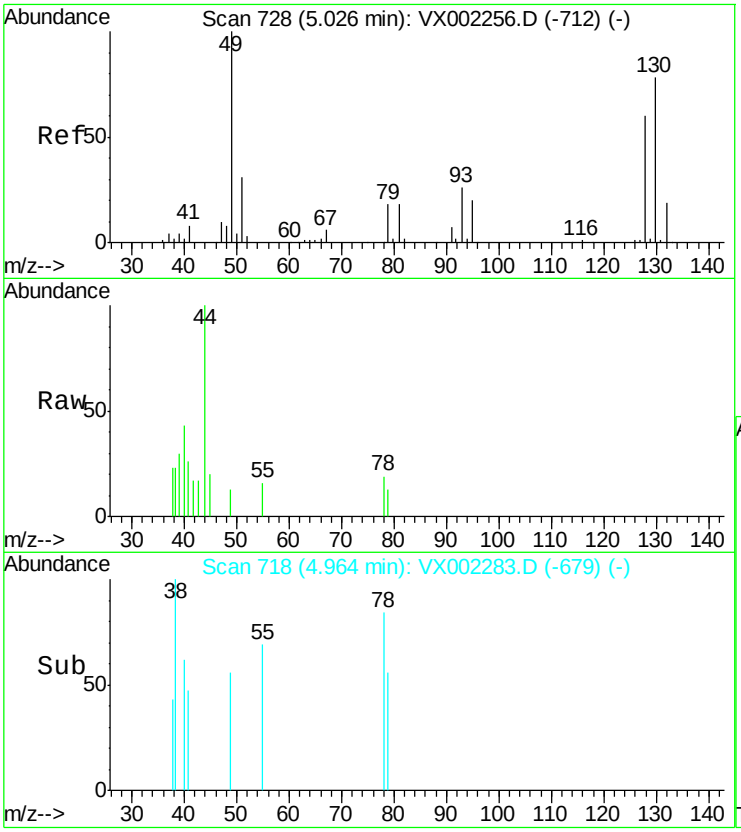


#27
cis-1,2-Dichloroethene
Concen: 14.24 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 96 Resp: 45976

Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	330.2
98	64.9	0.0	130.2



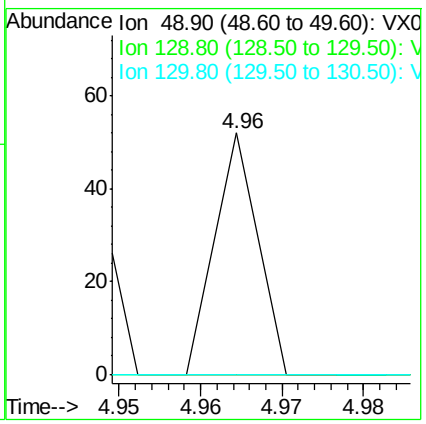


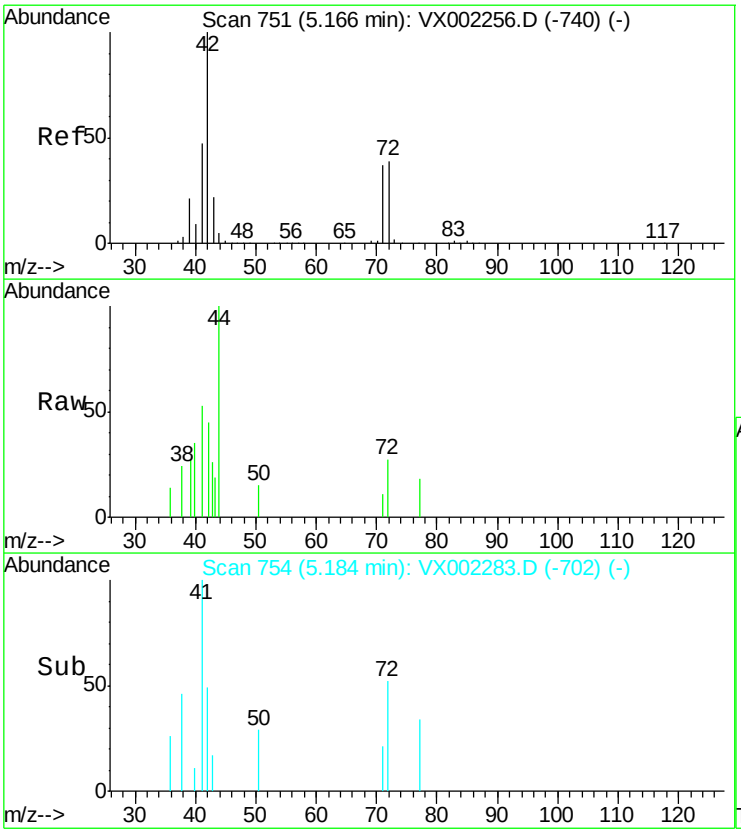
#28
Bromochloromethane
Concen: Below Cal
RT: 4.96 min Scan# 718
Delta R.T. -0.06 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument : MSVOA_X
ClientSampleId :

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#

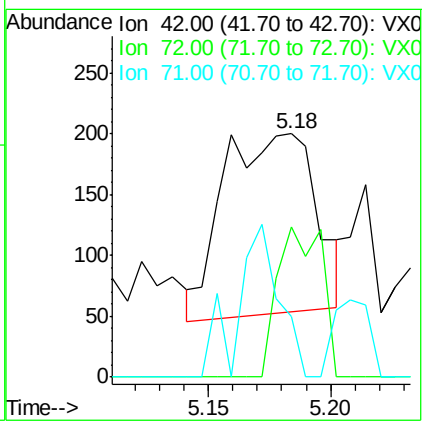


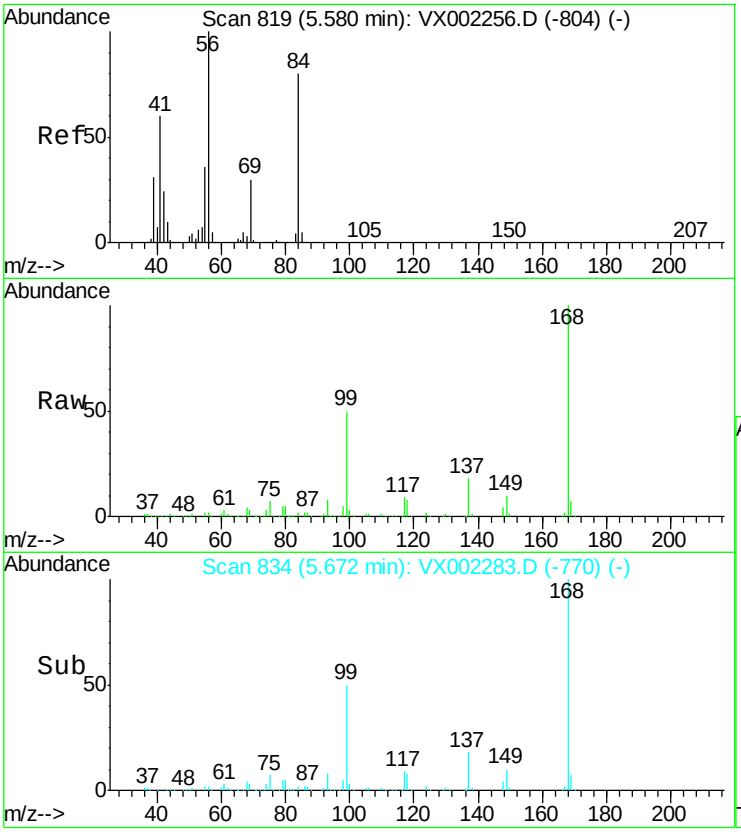


#29
Tetrahydrofuran
Concen: 0.25 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 42 Resp: 392

Ion	Ratio	Lower	Upper
42	100		
72	39.5	32.0	48.0
71	37.8	30.1	45.1



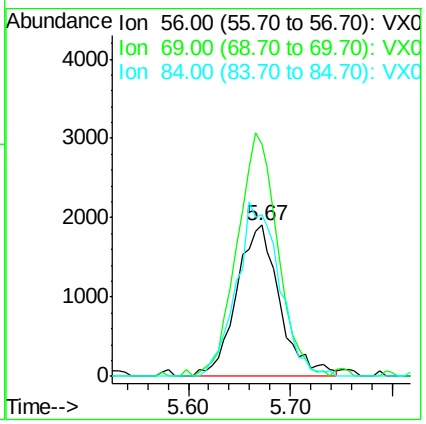


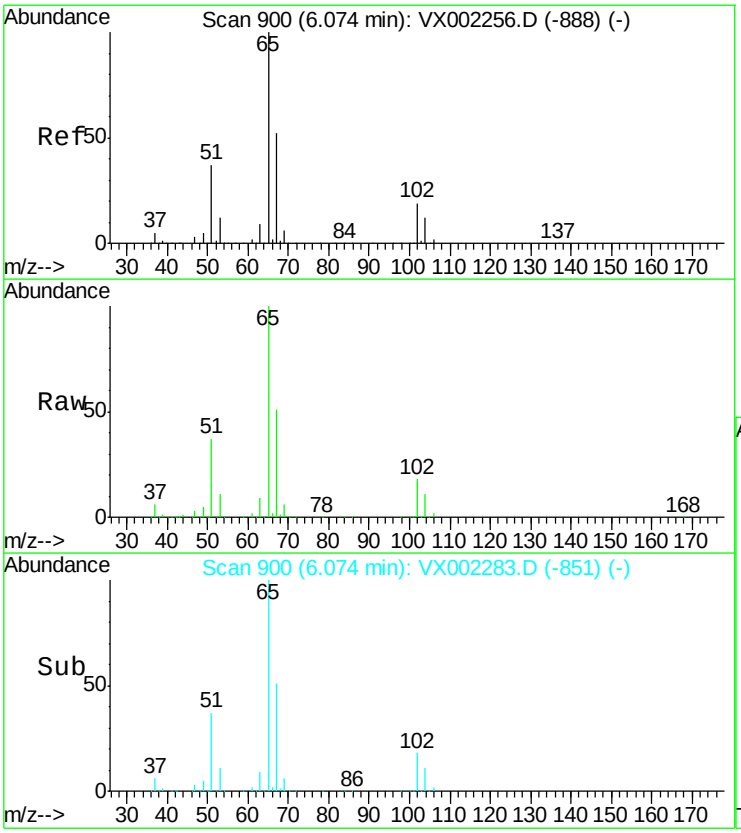
#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 5628

Ion	Ratio	Lower	Upper
56	100		
69	149.3	23.7	35.5#
84	106.8	64.1	96.1#

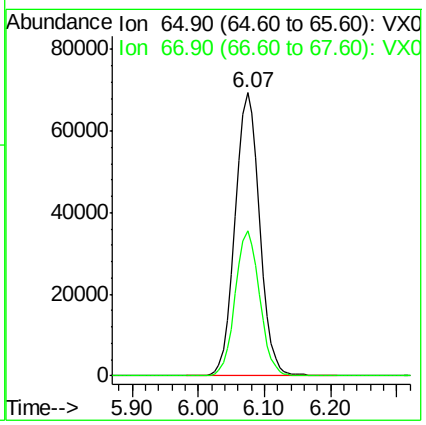


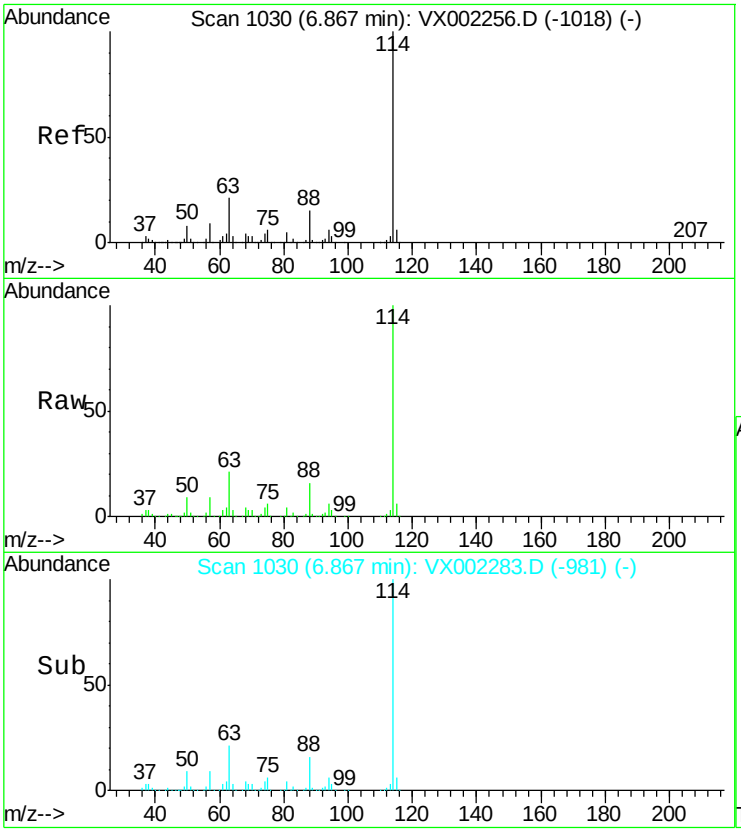


#33
1,2-Dichloroethane-d4
Concen: 49.40 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 65 Resp: 178780

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.6



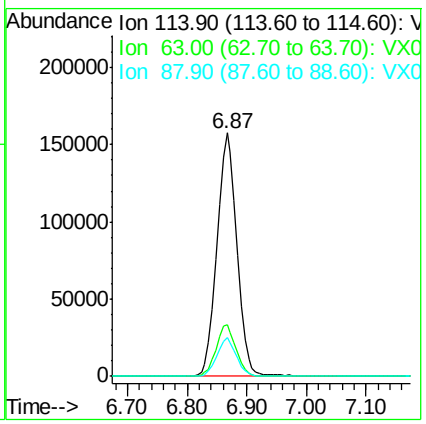


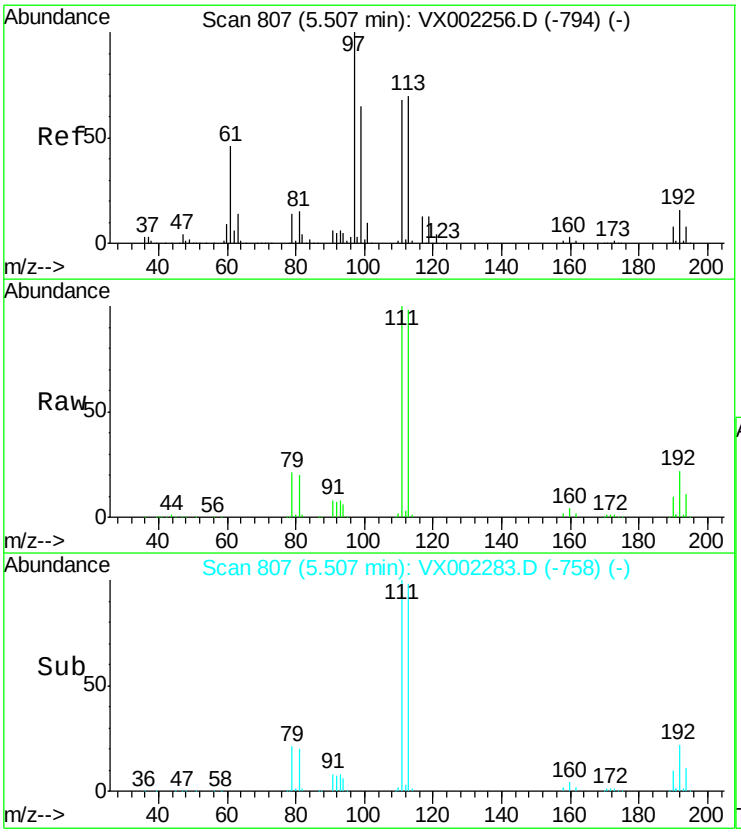
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 366188

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.4
88	15.7	0.0	30.0

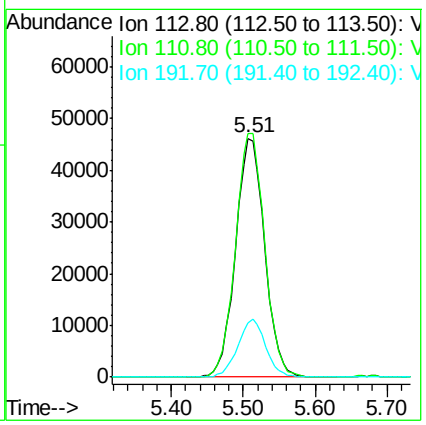


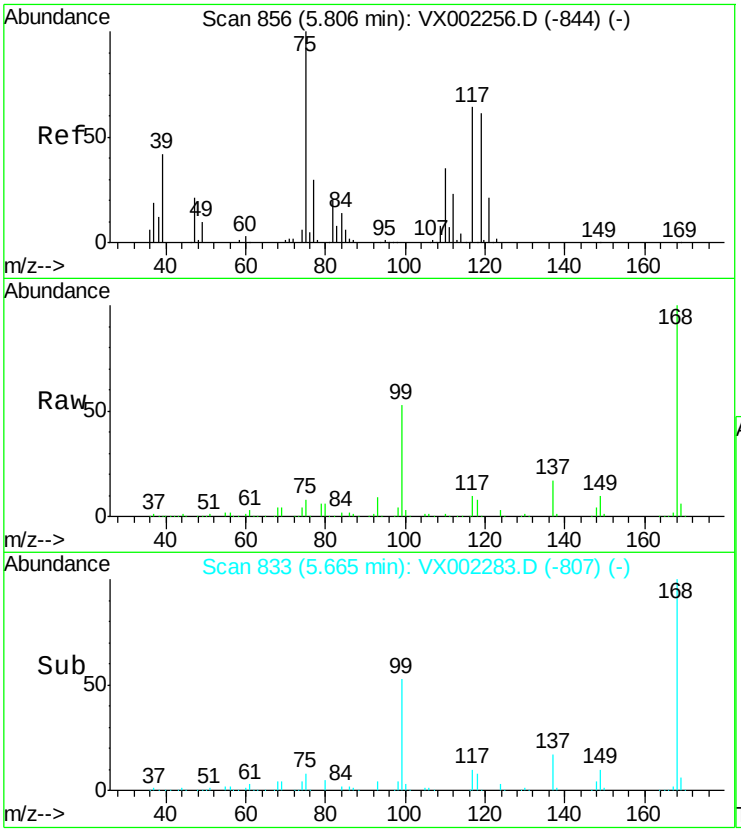


#35
Dibromofluoromethane
Concen: 44.93 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion:113 Resp: 129393

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	23.1	19.1	28.7



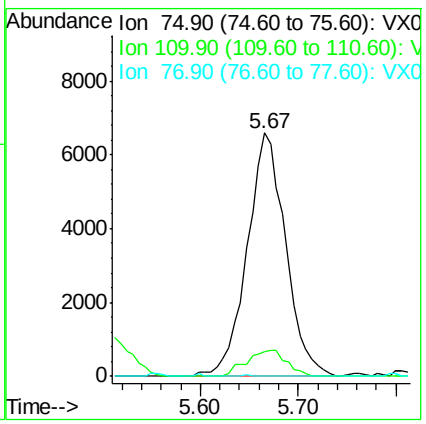


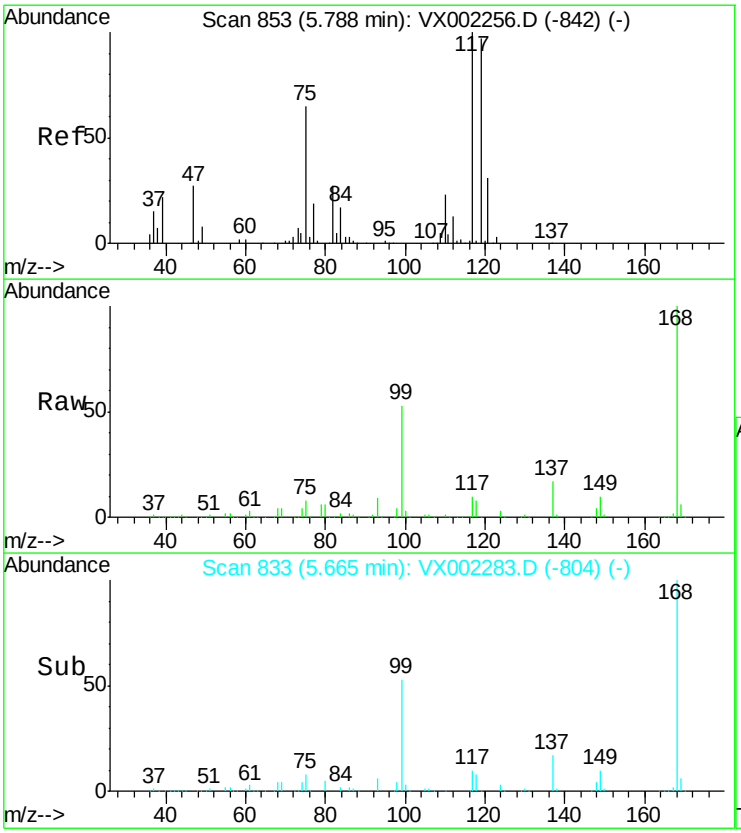
#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 17953

Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.1	54.4#
77	0.0	24.3	36.5#

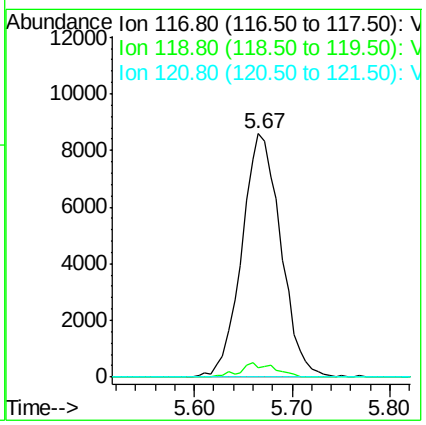


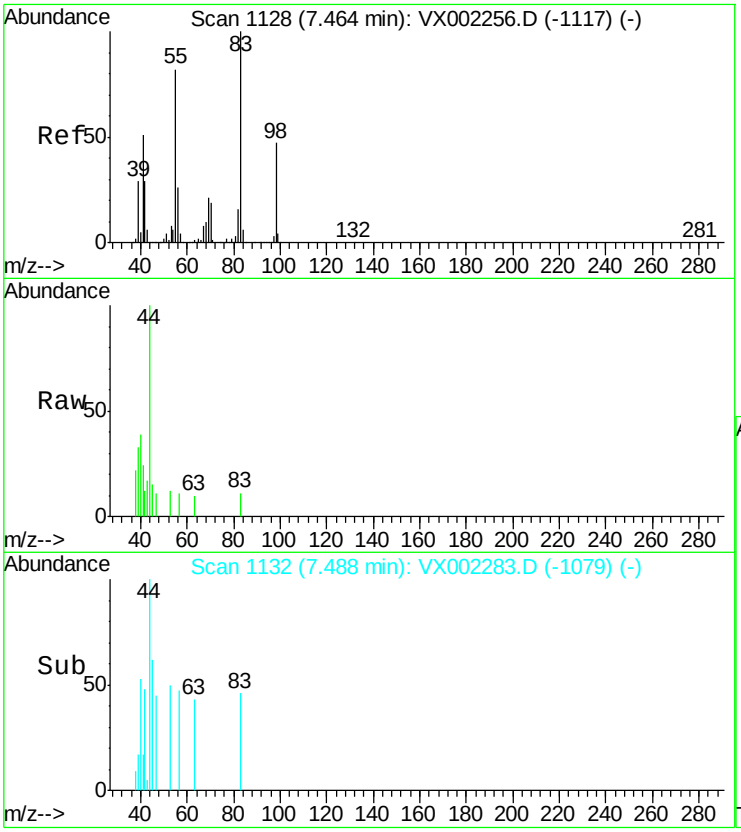


#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion:117 Resp: 23696

Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.4	116.0#
121	0.0	24.4	36.6#



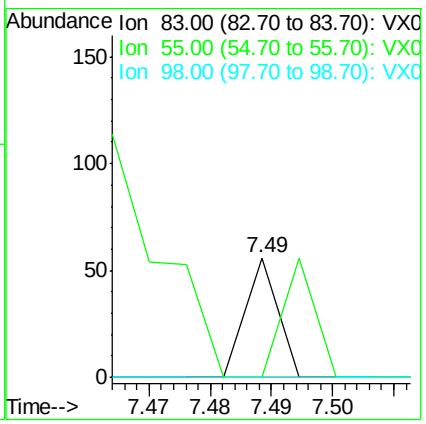


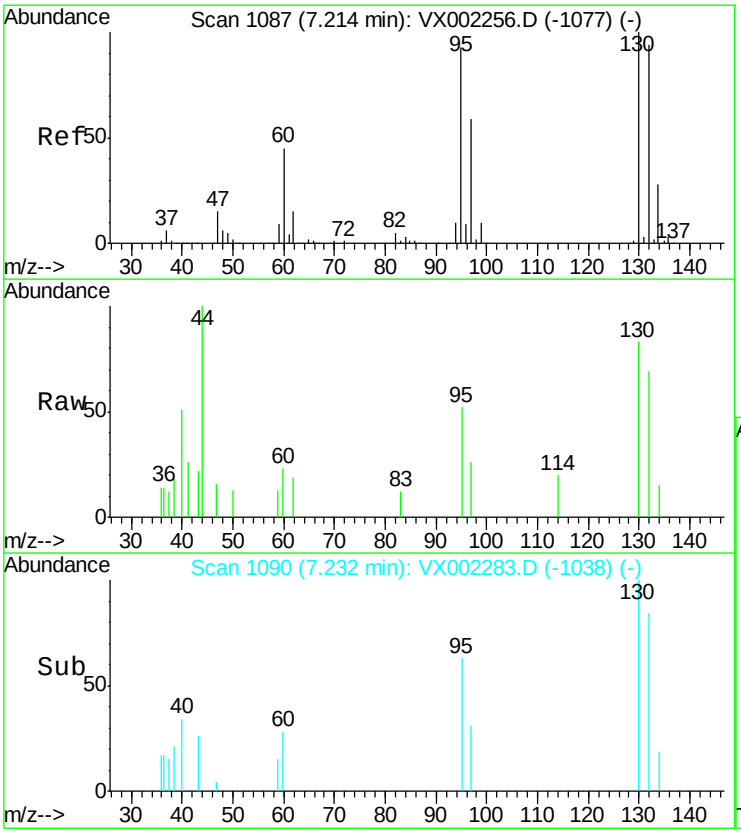
#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.49 min Scan# 1132
Delta R.T. 0.02 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 20

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

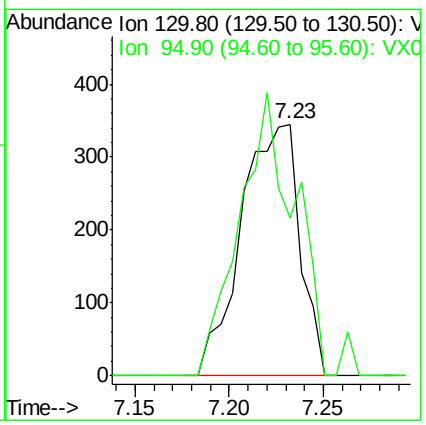


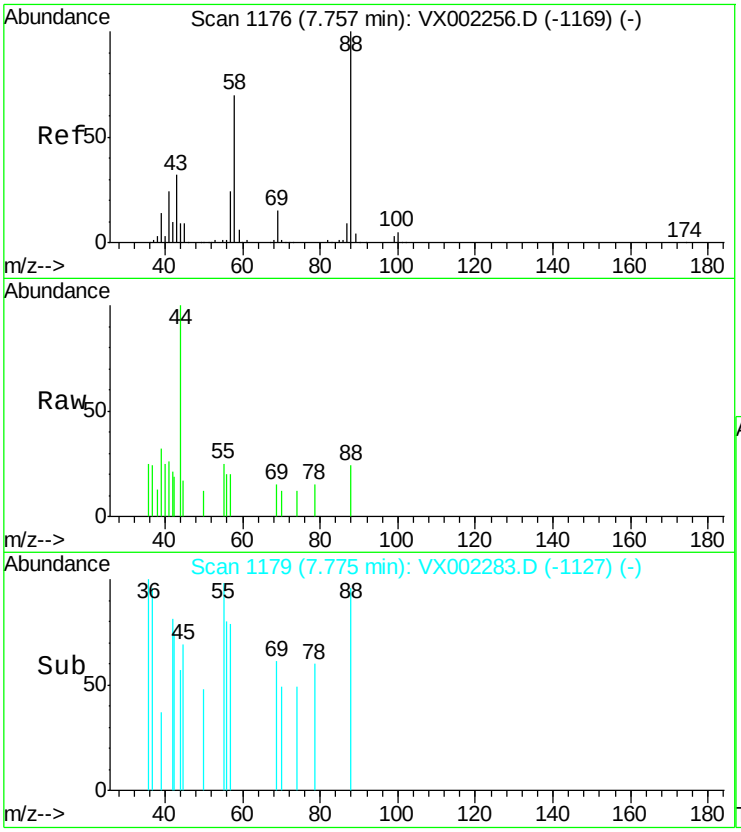


#44
Trichloroethene
Concen: 0.23 ug/l
RT: 7.23 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion:130 Resp: 743

Ion	Ratio	Lower	Upper
130	100		
95	62.9	0.0	185.4



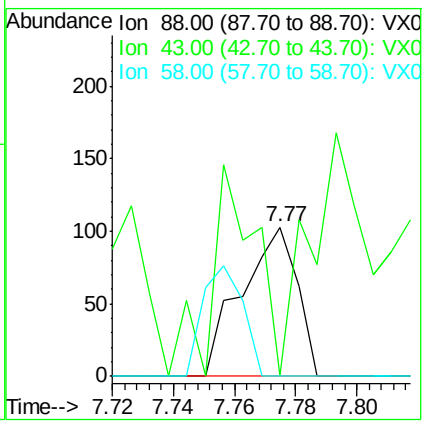


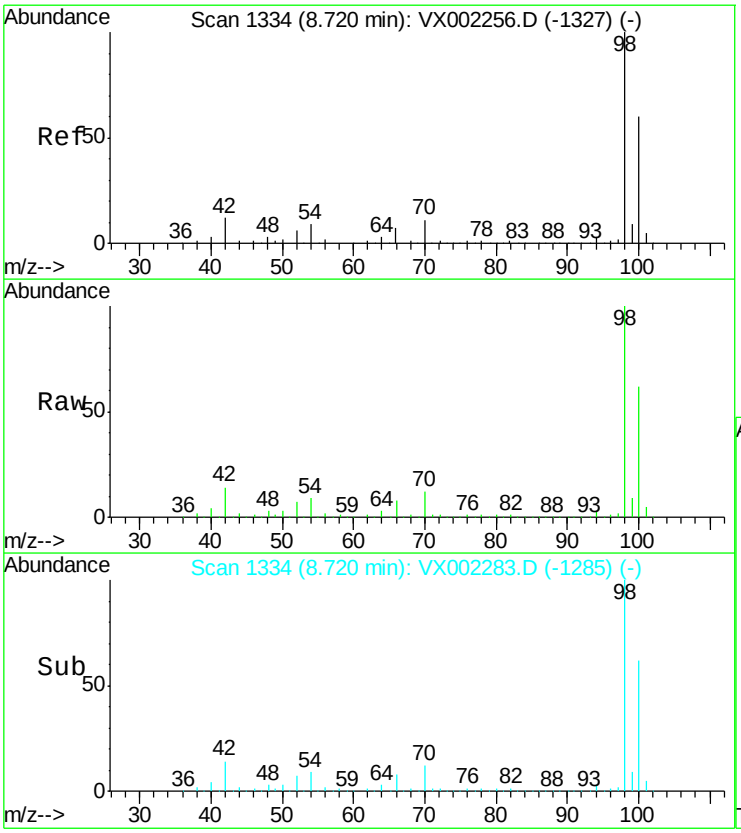
#49
1,4-Dioxane
Concen: 1.76 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.02 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 130

Ion	Ratio	Lower	Upper
88	100		
43	110.8	29.8	44.6#
58	53.1	57.1	85.7#

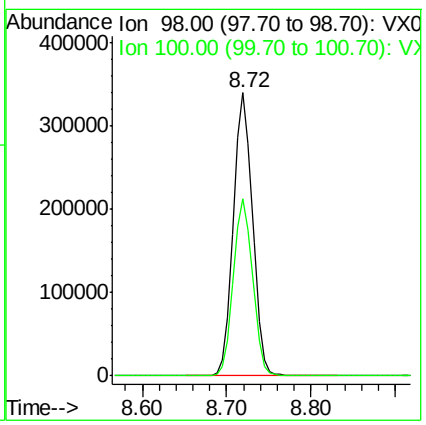


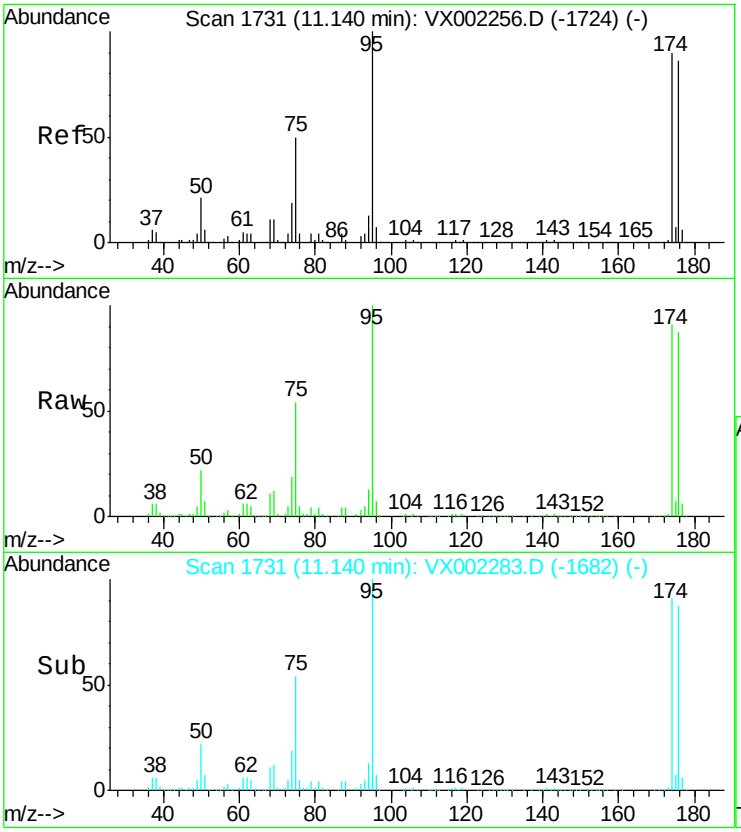


#50
Toluene-d8
Concen: 47.33 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 98 Resp: 522404

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.9	76.3



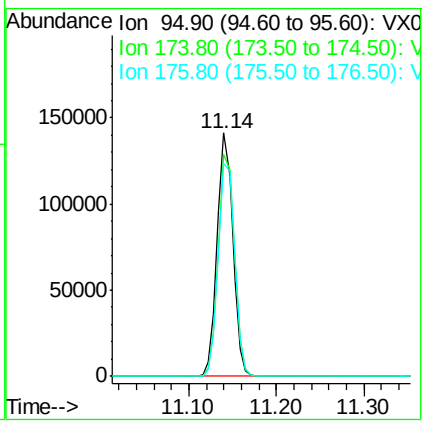


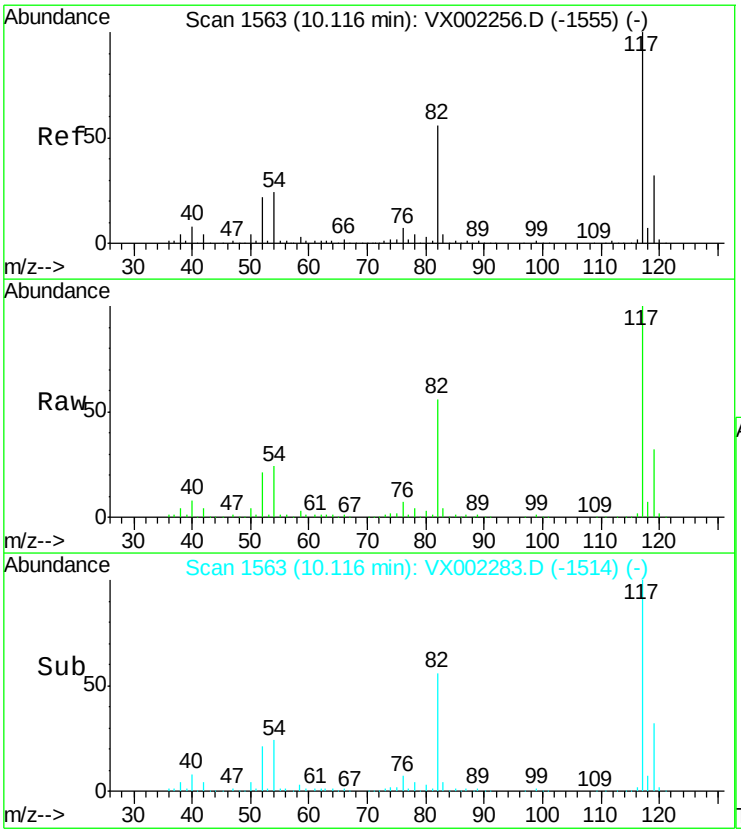
#62
4-Bromofluorobenzene
Concen: 41.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 174767

Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	187.4
176	92.1	0.0	181.0

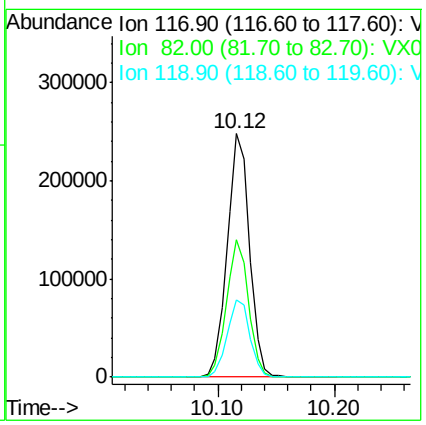


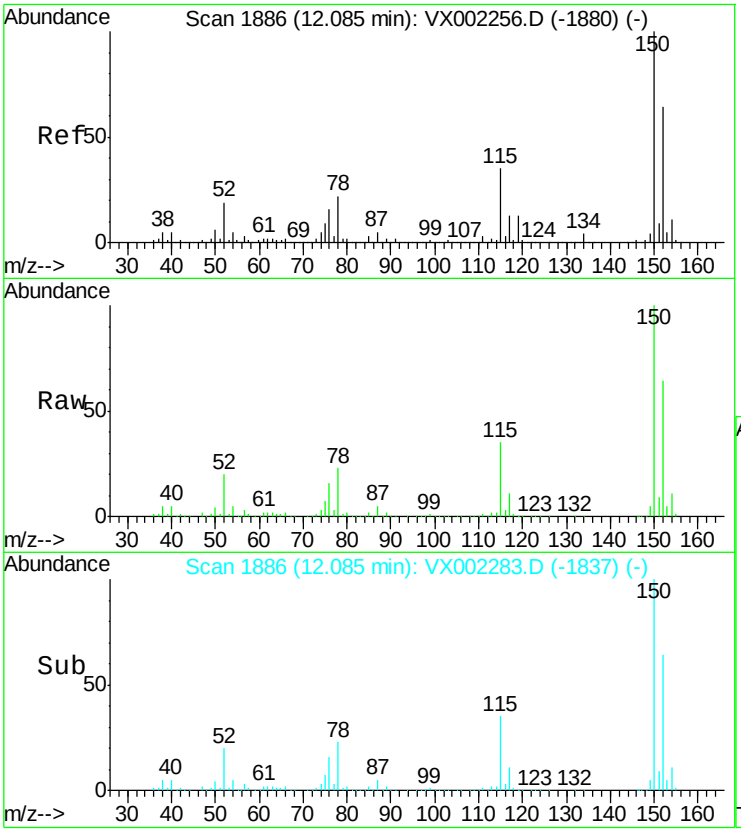


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion:117 Resp: 329929

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.0	67.4
119	31.7	25.8	38.6



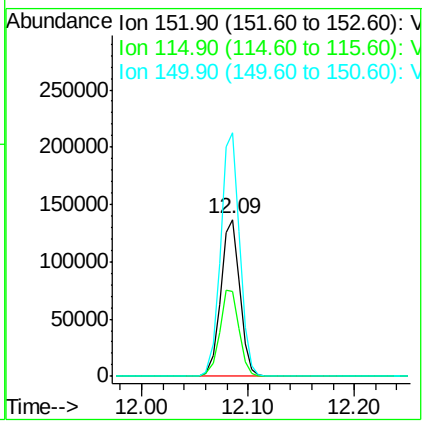


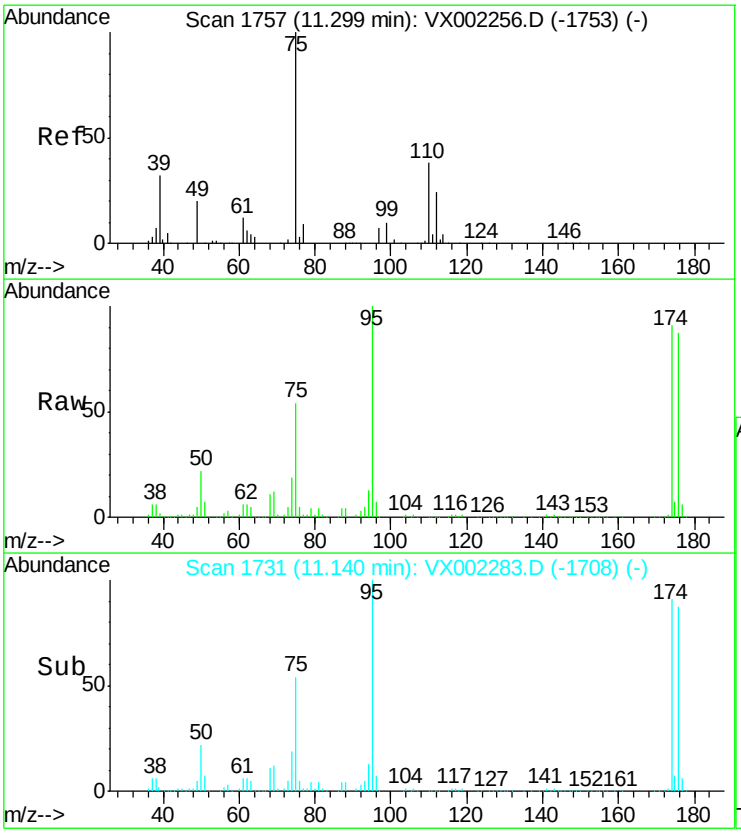
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 170833

Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.1	120.2
150	155.5	0.0	347.2

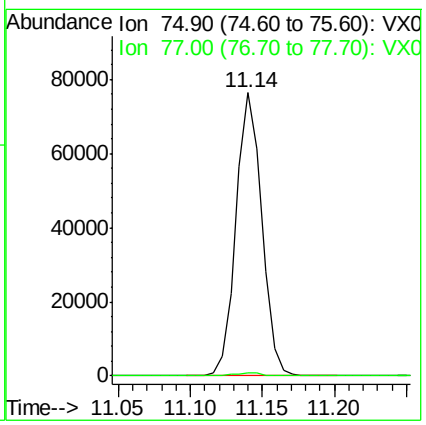


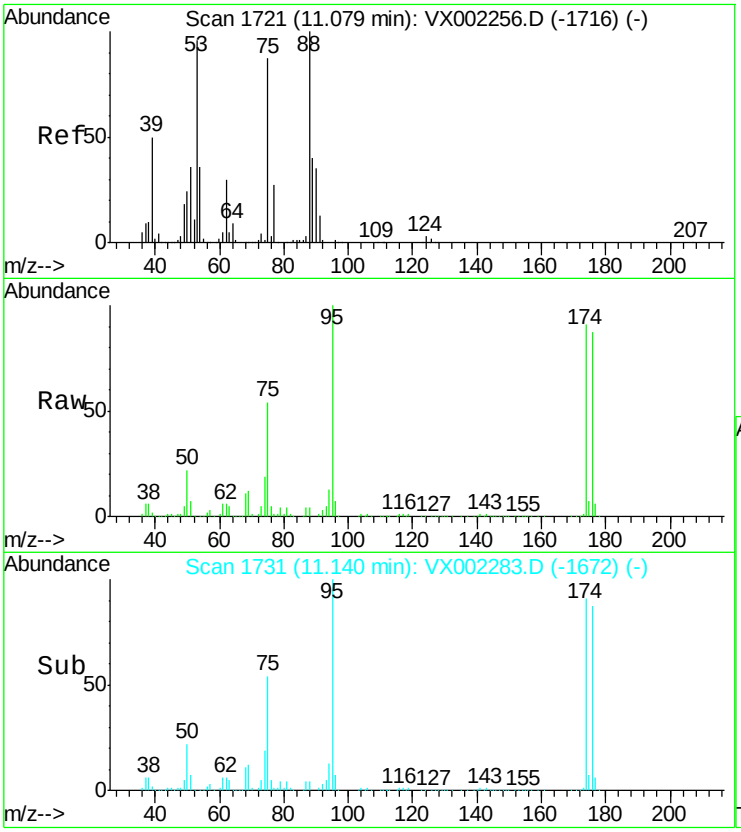


#76
1,2,3-Trichloropropane
Concen: 25.39 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 75 Resp: 95170

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.00 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 95170

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