Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082118\
Data File : VX004187.D
Acq On : 21 Aug 2018 20:16
Operator : JC/MD
Sample : PB112227ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB112227ZHE#02

Quant Time: Aug 22 00:58:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	277441	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	465712	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	449441	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237000	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	208709	53.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.78%				
35) Dibromofluoromethane	5.50	113	178837	51.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.62%				
50) Toluene-d8	8.71	98	650935	46.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.12%				
62) 4-Bromofluorobenzene	11.14	95	225923	44.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.16%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1628	0.49	ug/l		99
6) Chloroethane	1.70	64	1252	Below Cal		#	42
10) Methyl Iodide	2.53	142	191	5.06	ug/l	#	86
11) Tert butyl alcohol	3.03	59	919	1.17	ug/l	#	73
13) Acrolein	2.29	56	191	11.29	ug/l	#	82
16) Acetone	2.45	43	21281	10.47	ug/l		97
18) Methyl Acetate	2.78	43	9057	2.01	ug/l		96
20) Methylene Chloride	2.86	84	18608	5.06	ug/l		97
25) 2-Butanone	4.71	43	4592	1.39	ug/l		96
29) Tetrahydrofuran	5.17	42	1548	0.92	ug/l	#	83
31) Cyclohexane	5.66	56	4880	0.90	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	19069	3.60	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	24306	4.72	ug/l	#	15
43) Isopropyl Acetate	6.46	43	187850	22.08	ug/l		99
48) Methyl methacrylate	7.69	41	8252	1.93	ug/l	#	20
51) 4-Methyl-2-Pentanone	8.62	43	3230	0.46	ug/l	#	34
54) cis-1,3-Dichloropropene	8.63	75	1589	0.26	ug/l	#	64
59) 2-Hexanone	9.44	43	1776	0.34	ug/l	#	22
74) N-amyl acetate	6.46	43	187850	24.90	ug/l	#	99
76) 1,2,3-Trichloropropane	11.14	75	107083	22.53	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.14	75	107083	69.74	ug/l	#	9
95) Naphthalene	13.83	128	753	1.19	ug/l	#	69

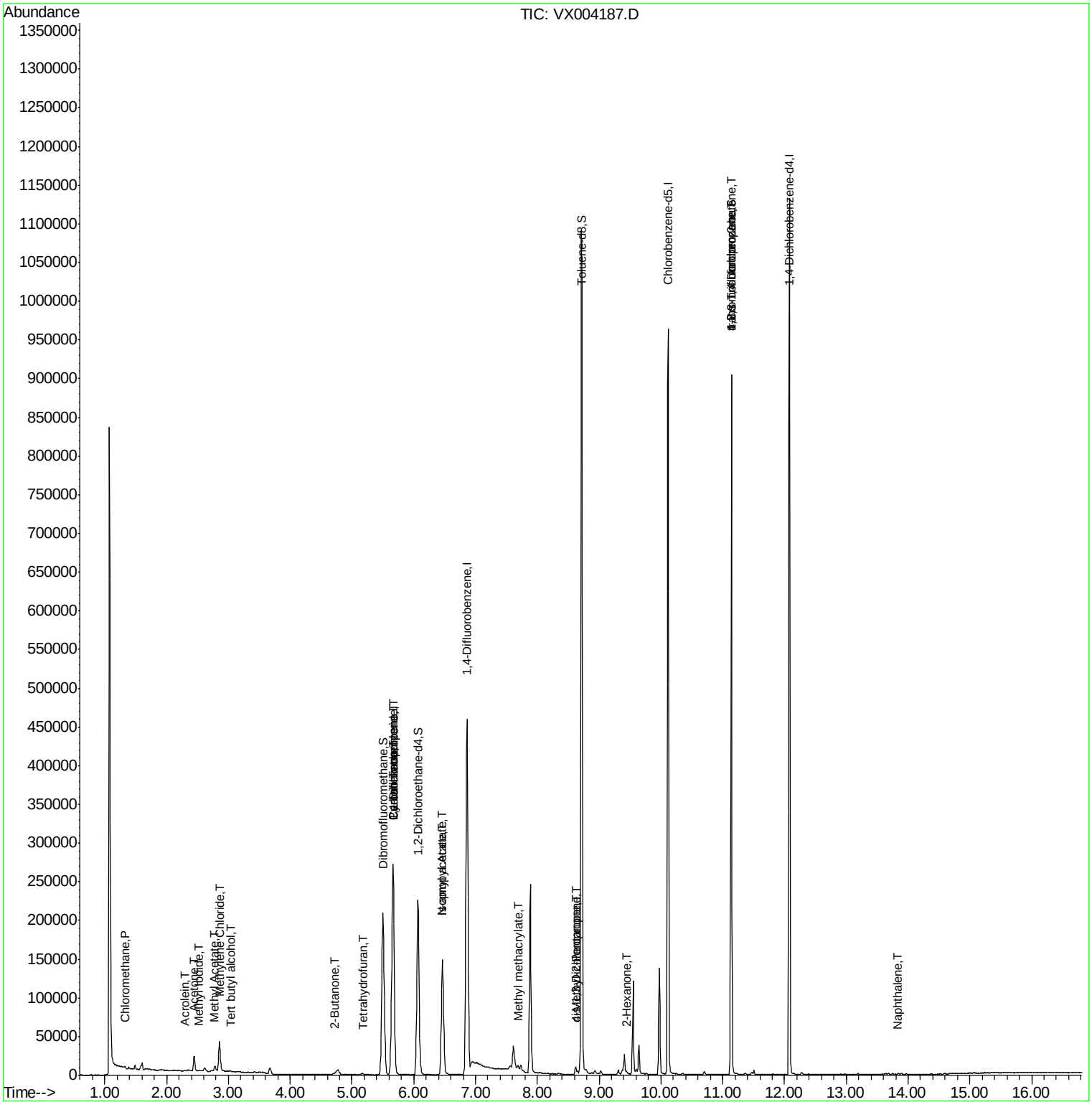
(#) = qualifier out of range (m) = manual integration (+) = signals summed

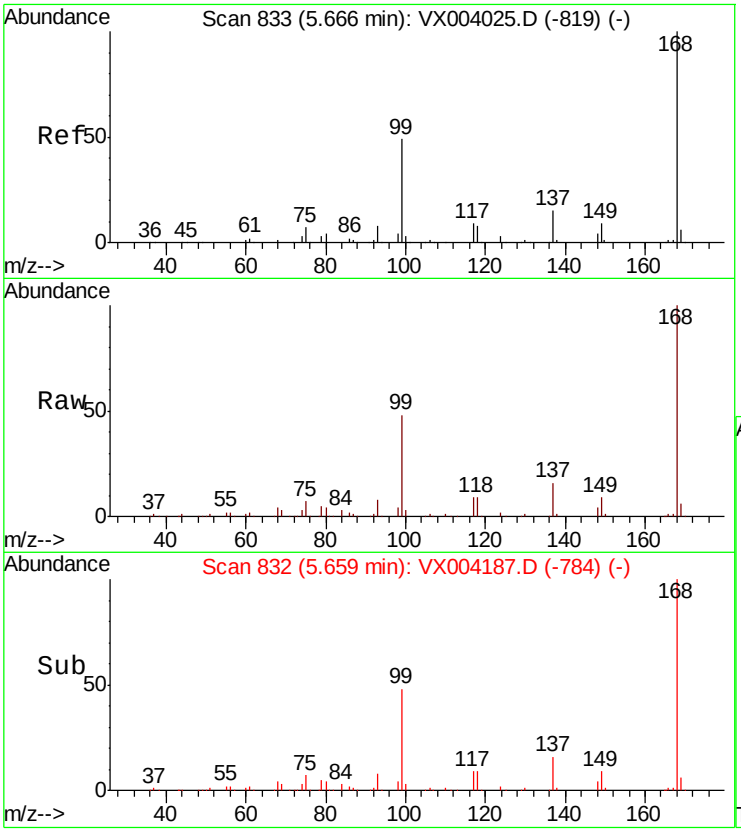
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082118\
Data File : VX004187.D
Acq On : 21 Aug 2018 20:16
Operator : JC/MD
Sample : PB112227ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Quant Time: Aug 22 00:58:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration



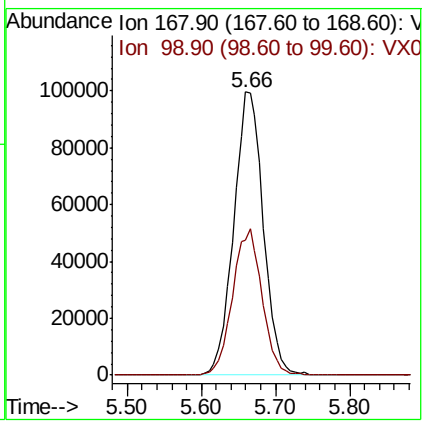


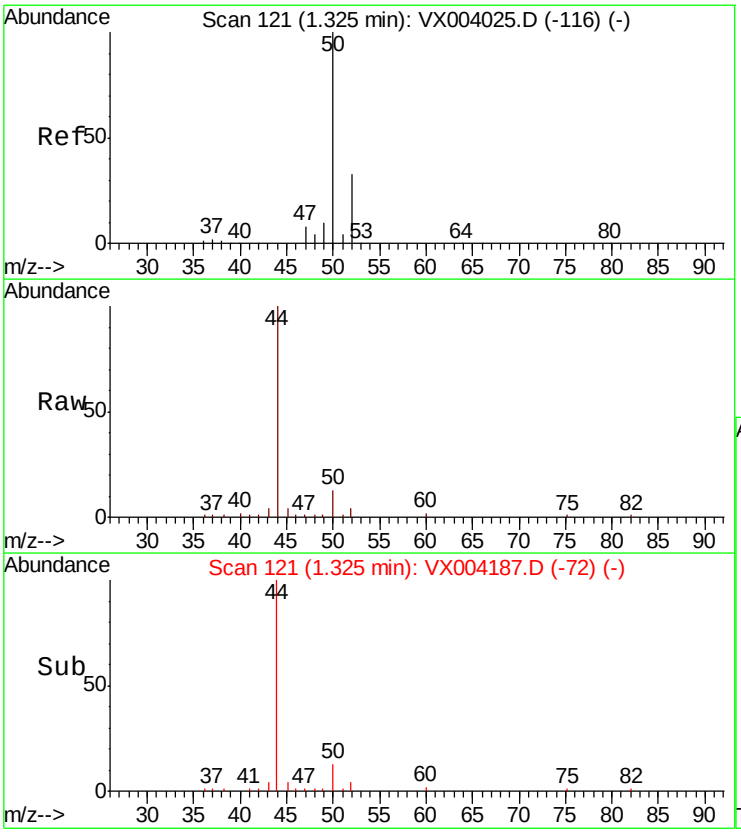
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Tgt Ion:168 Resp: 277441

Ion	Ratio	Lower	Upper
168	100		
99	47.8	40.1	60.1

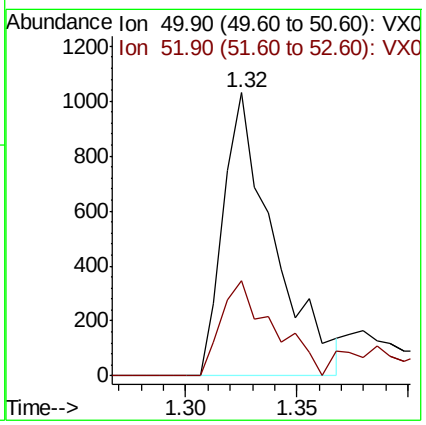


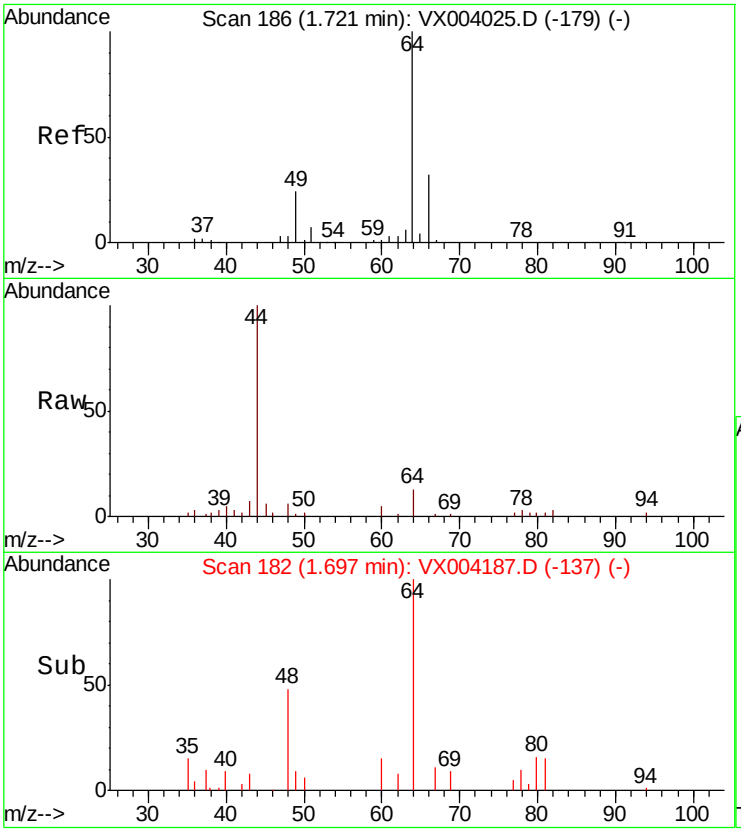


#3
Chloromethane
Concen: 0.49 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion: 50 Resp: 1628

Ion	Ratio	Lower	Upper
50	100		
52	33.6	26.6	39.8



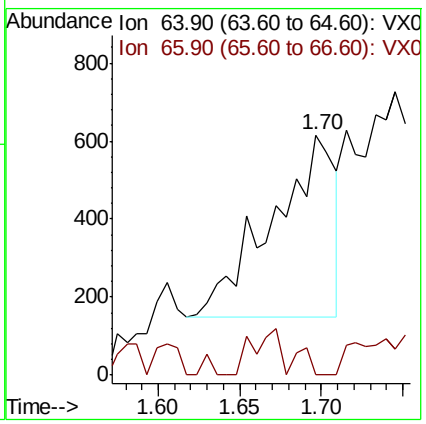


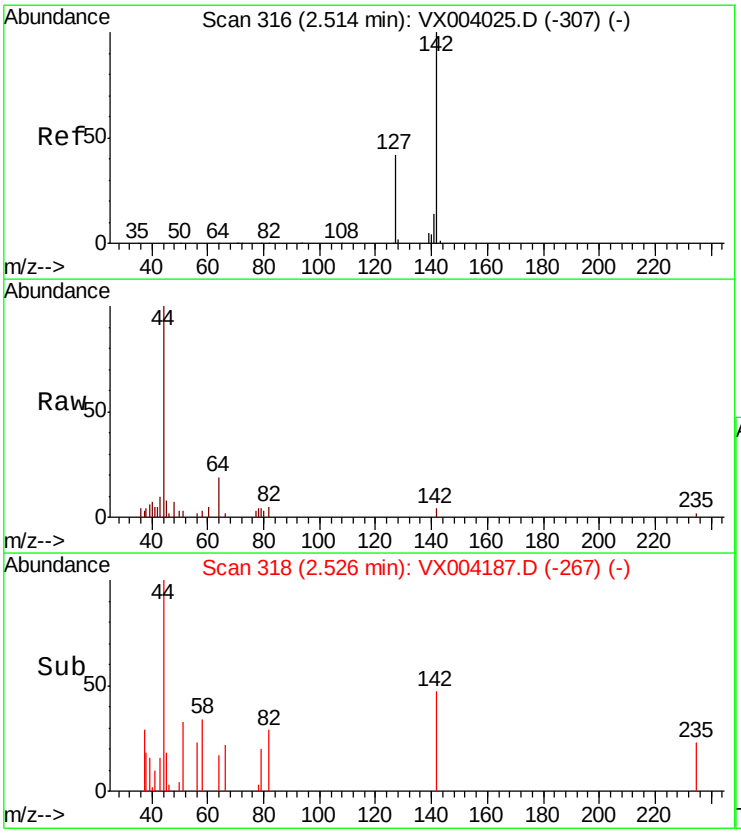
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 182
Delta R.T. -0.02 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Tgt Ion: 64 Resp: 1252

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.5	39.7#

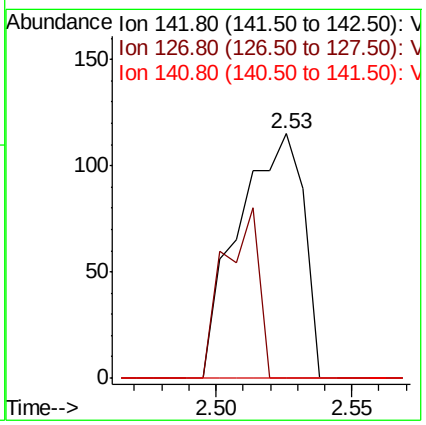


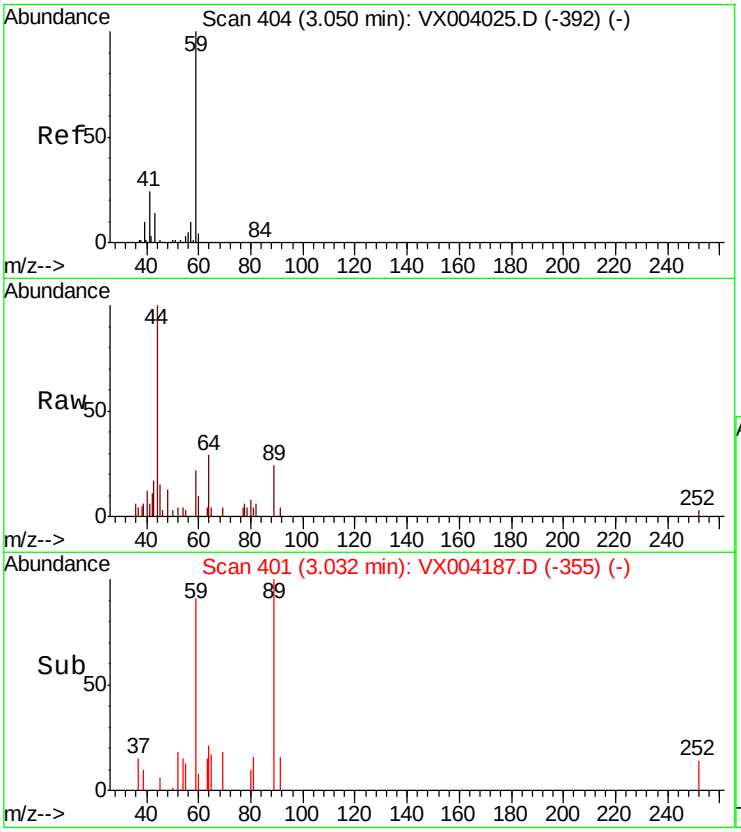


#10
Methyl Iodide
Concen: 5.06 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion:142 Resp: 191

Ion	Ratio	Lower	Upper
142	100		
127	37.2	33.1	49.7
141	0.0	11.1	16.7#



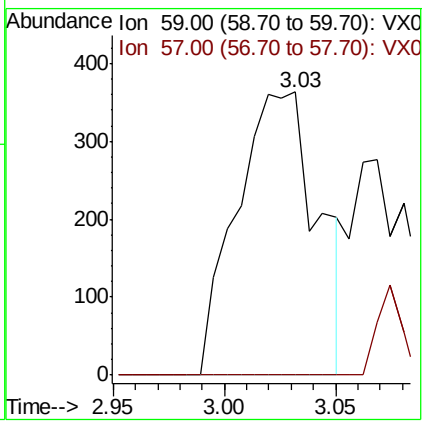


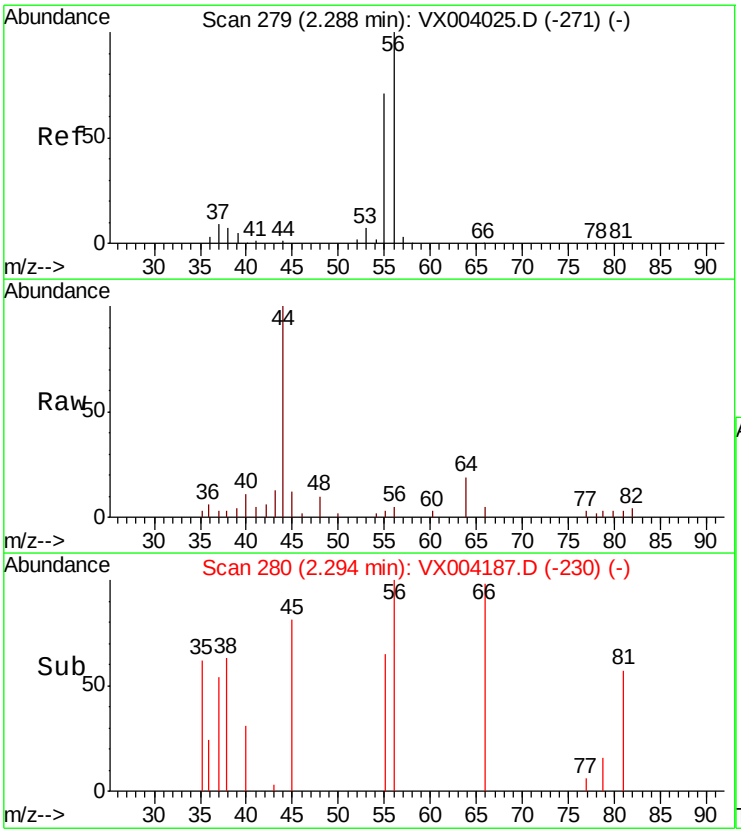
#11
Tert butyl alcohol
Concen: 1.17 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.02 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Tgt Ion: 59 Resp: 919

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

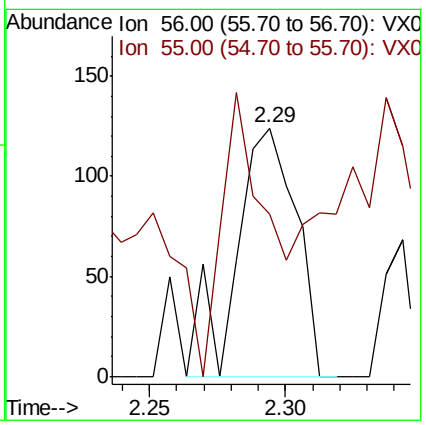


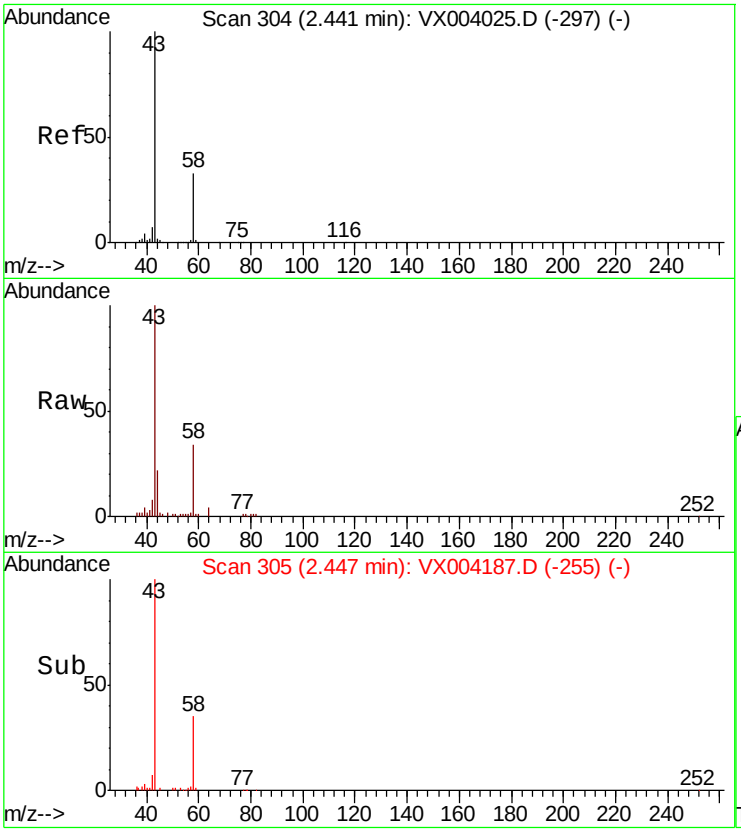


#13
Acrolein
Concen: 11.29 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion: 56 Resp: 191

Ion	Ratio	Lower	Upper
56	100		
55	84.8	56.1	84.1#



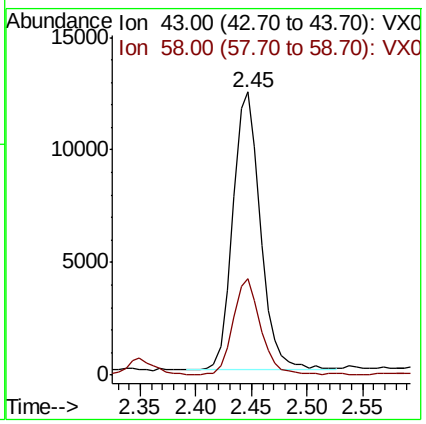


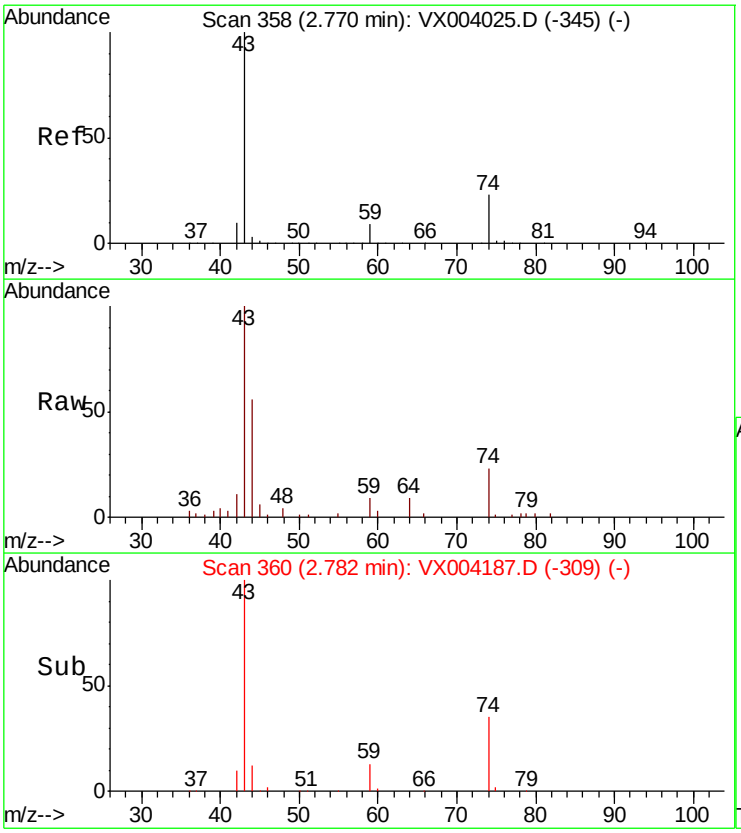
#16
Acetone
Concen: 10.47 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.01 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Tgt Ion: 43 Resp: 21281

Ion	Ratio	Lower	Upper
43	100		
58	34.6	26.4	39.6

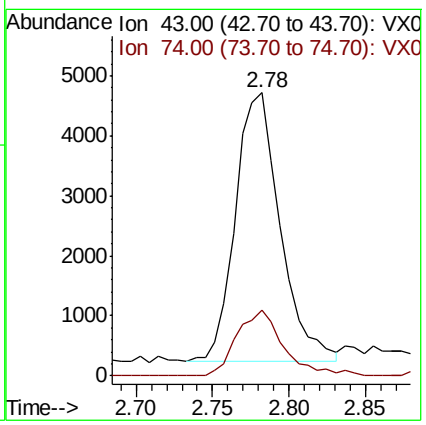


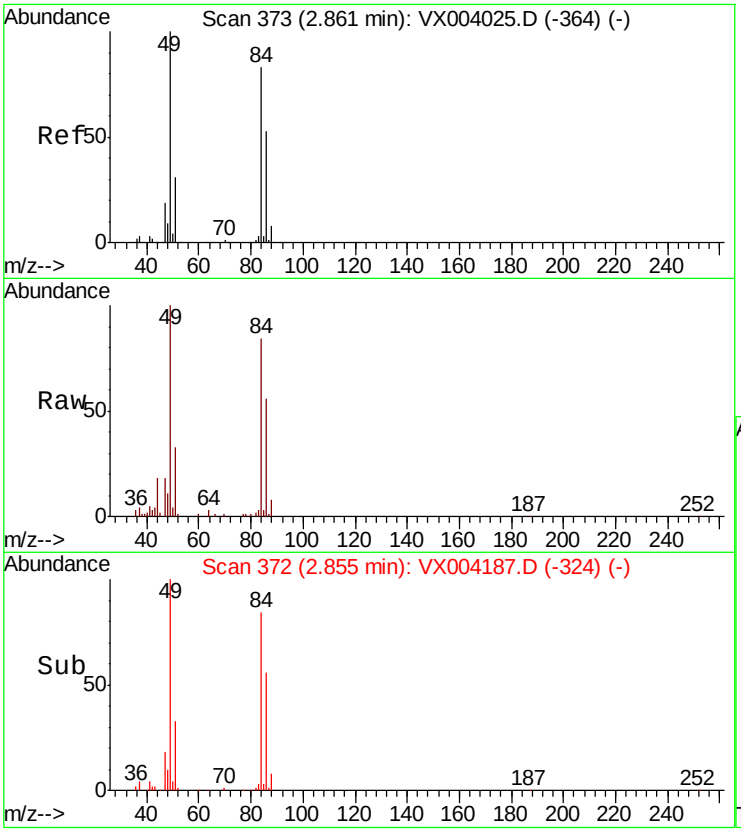


#18
Methyl Acetate
Concen: 2.01 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion: 43 Resp: 9057

Ion	Ratio	Lower	Upper
43	100		
74	25.8	18.9	28.3



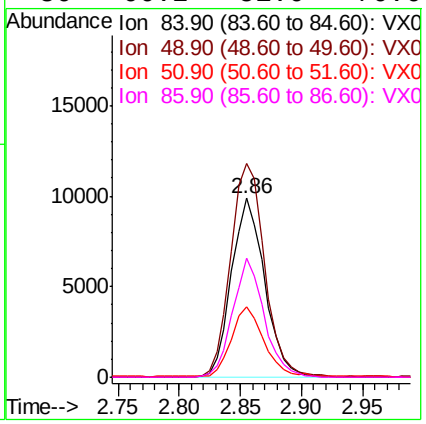


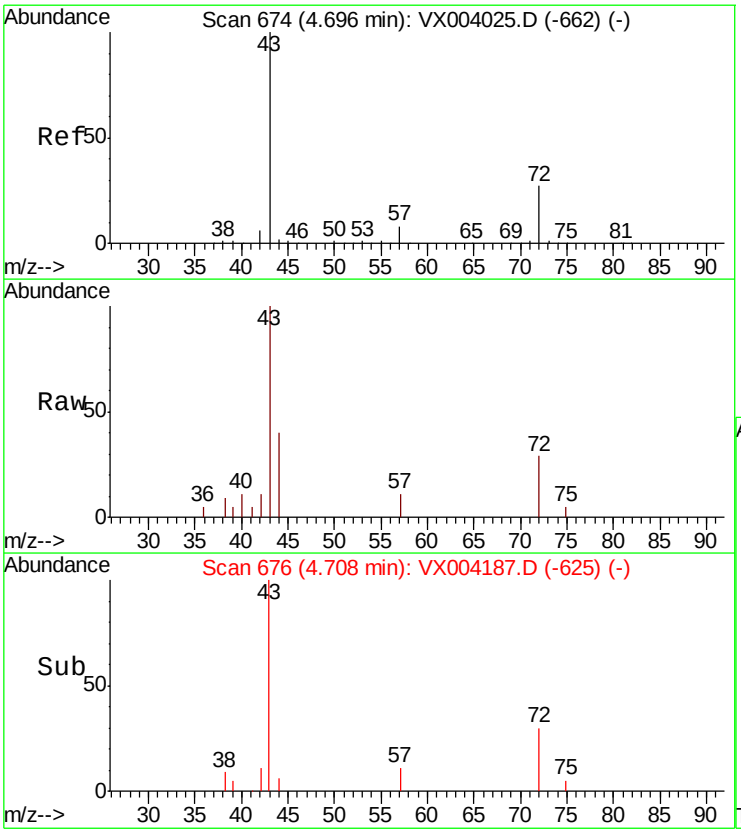
#20
Methylene Chloride
Concen: 5.06 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument : MSVOA_X
ClientSampleId : PB112227ZHE#02

Tgt Ion: 84 Resp: 18608

Ion	Ratio	Lower	Upper
84	100		
49	119.3	98.9	148.3
51	38.7	29.9	44.9
86	66.2	51.0	76.6

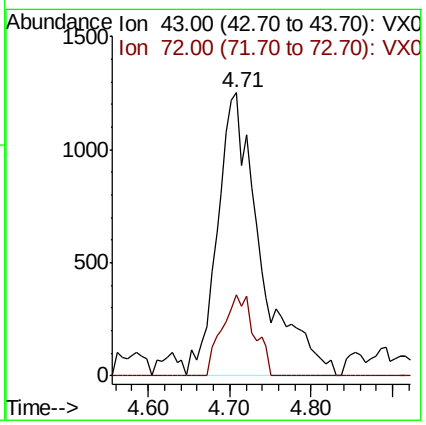


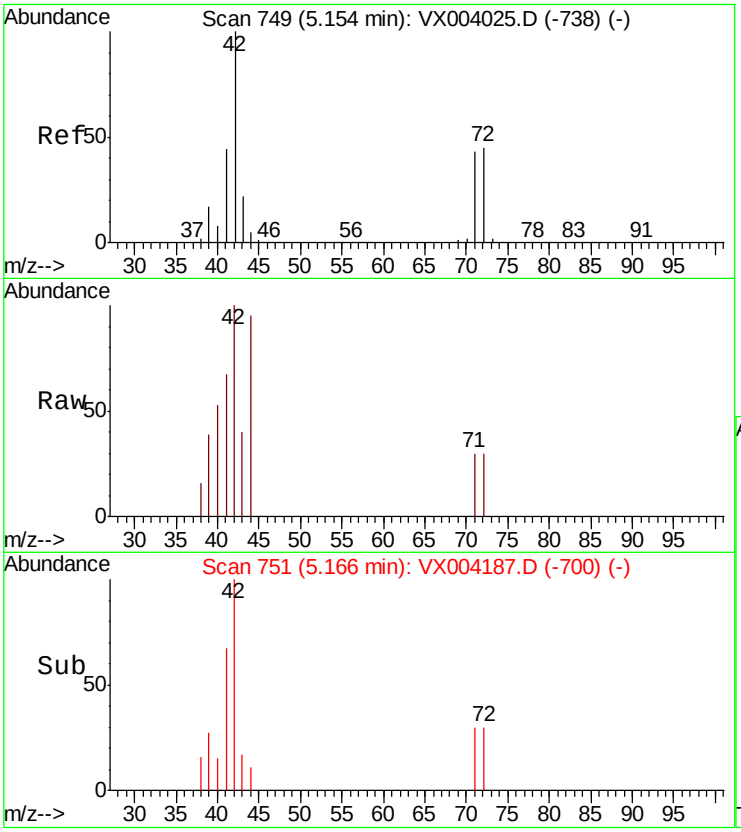


#25
2-Butanone
Concen: 1.39 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion: 43 Resp: 4592

Ion	Ratio	Lower	Upper
43	100		
72	28.8	21.4	32.0



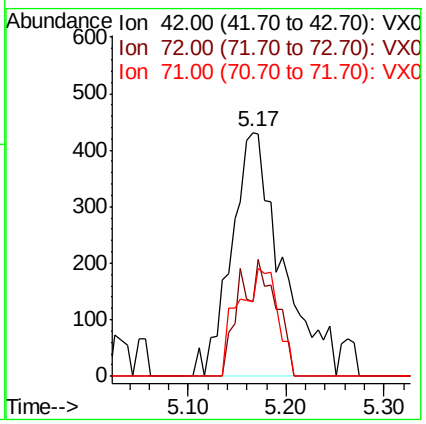


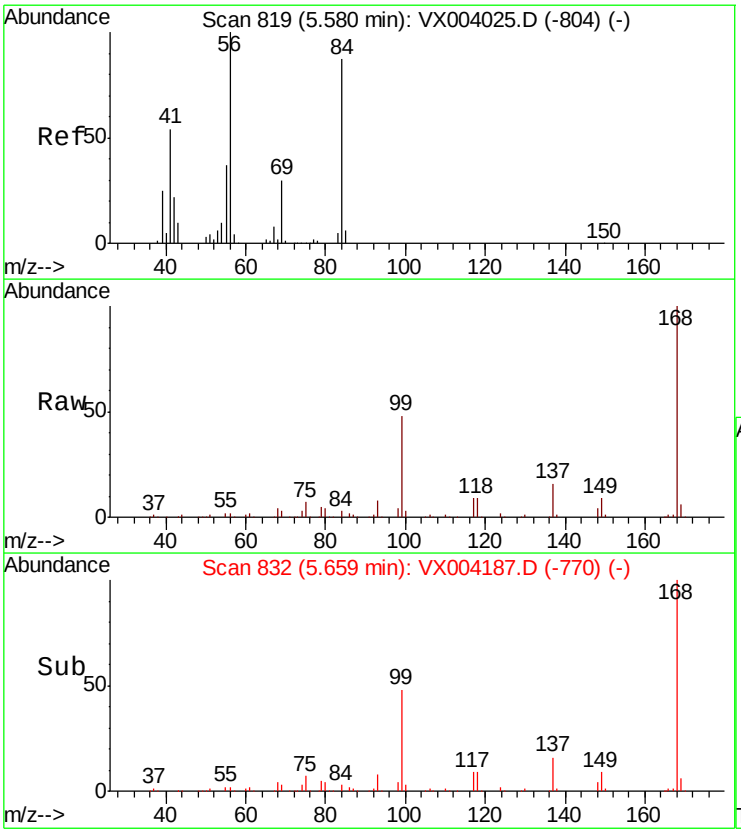
#29
Tetrahydrofuran
Concen: 0.92 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Tgt Ion: 42 Resp: 1548

Ion	Ratio	Lower	Upper
42	100		
72	34.3	37.7	56.5#
71	34.2	35.0	52.6#

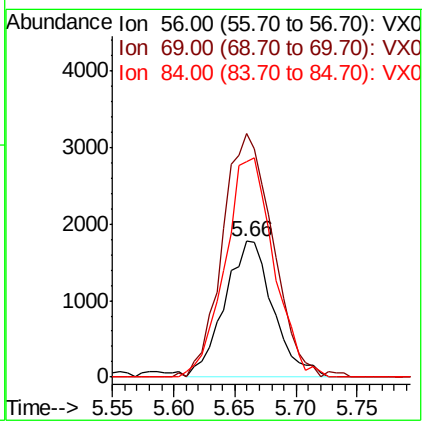


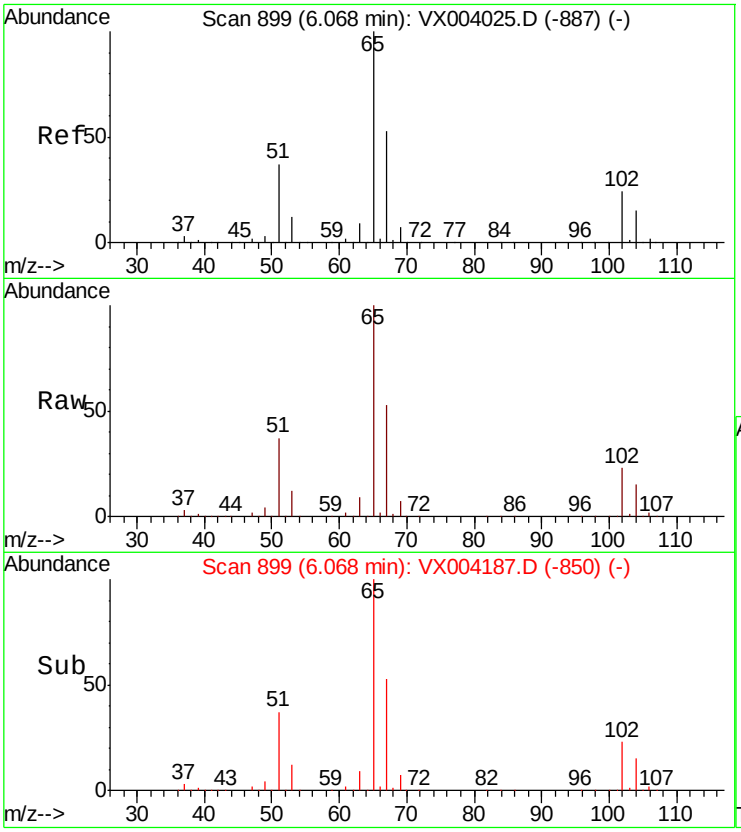


#31
Cyclohexane
Concen: 0.90 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion: 56 Resp: 4880

Ion	Ratio	Lower	Upper
56	100		
69	179.2	24.9	37.3#
84	158.6	71.7	107.5#



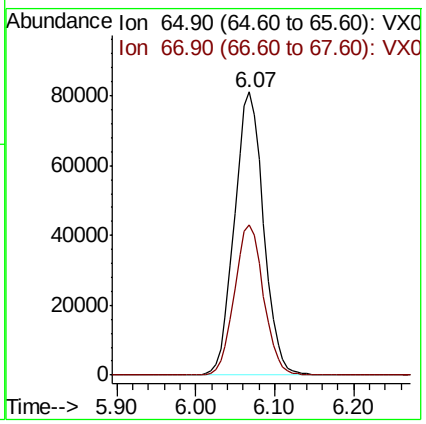


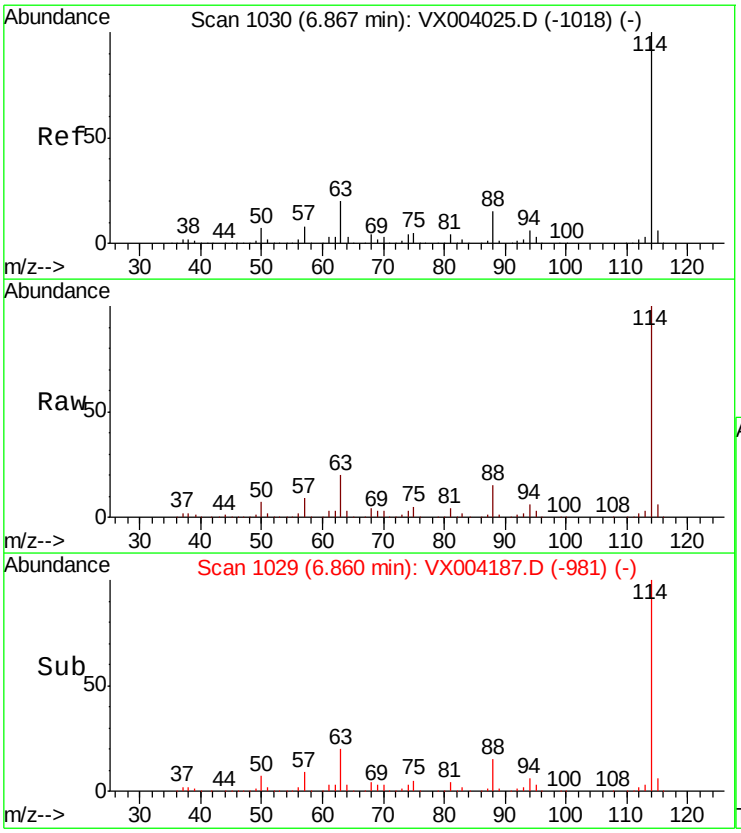
#33
1,2-Dichloroethane-d4
Concen: 53.39 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Tgt Ion: 65 Resp: 208709

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.8

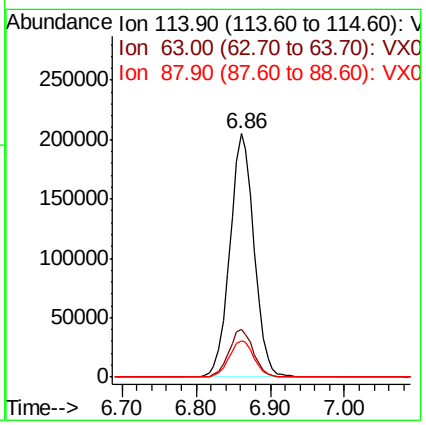


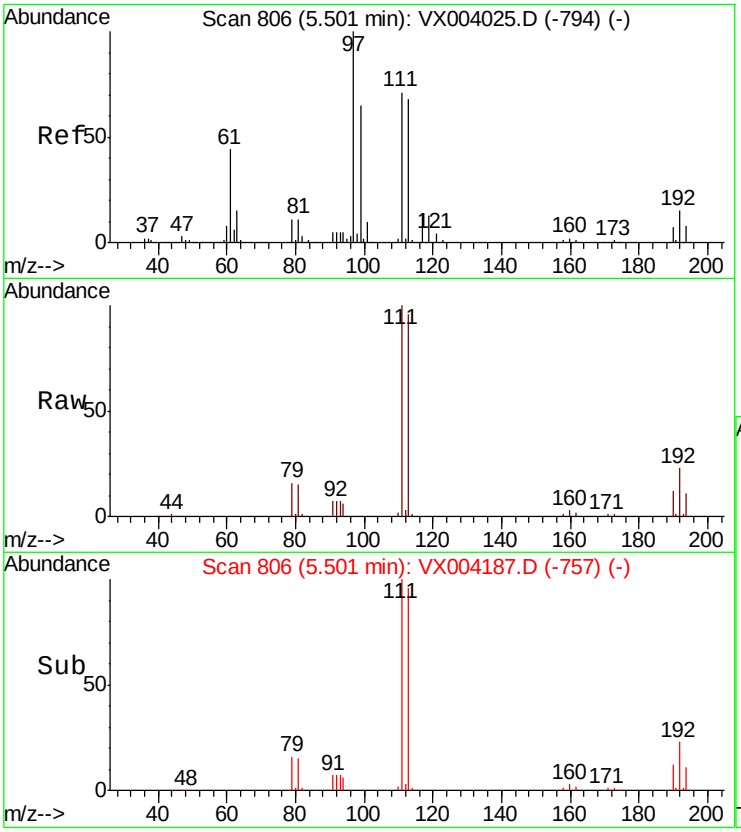


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion:114 Resp: 465712

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	14.7	0.0	32.0



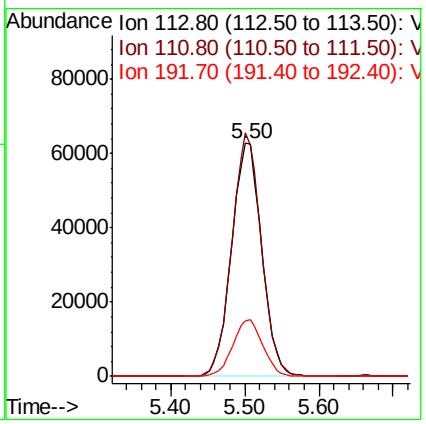


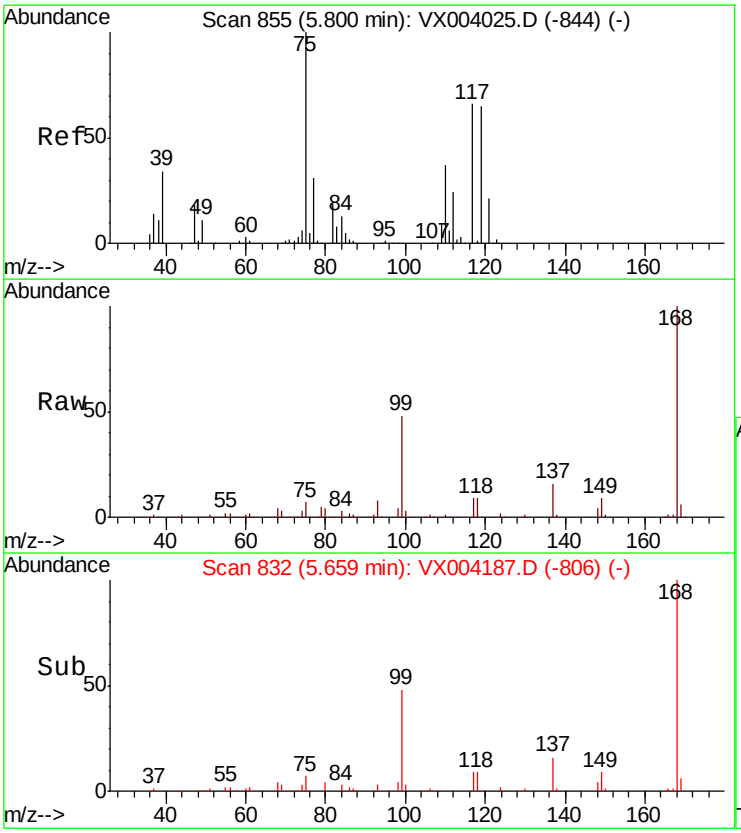
#35
Dibromofluoromethane
Concen: 51.31 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Tgt Ion:113 Resp: 178837

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.0	123.0
192	24.1	19.0	28.4

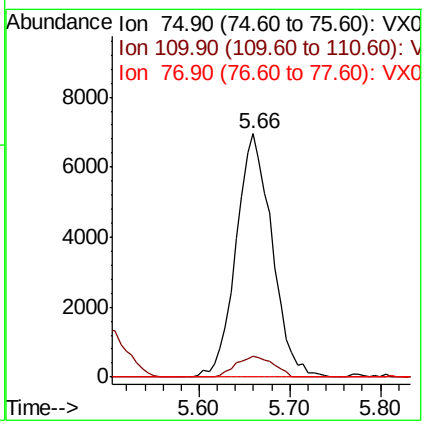


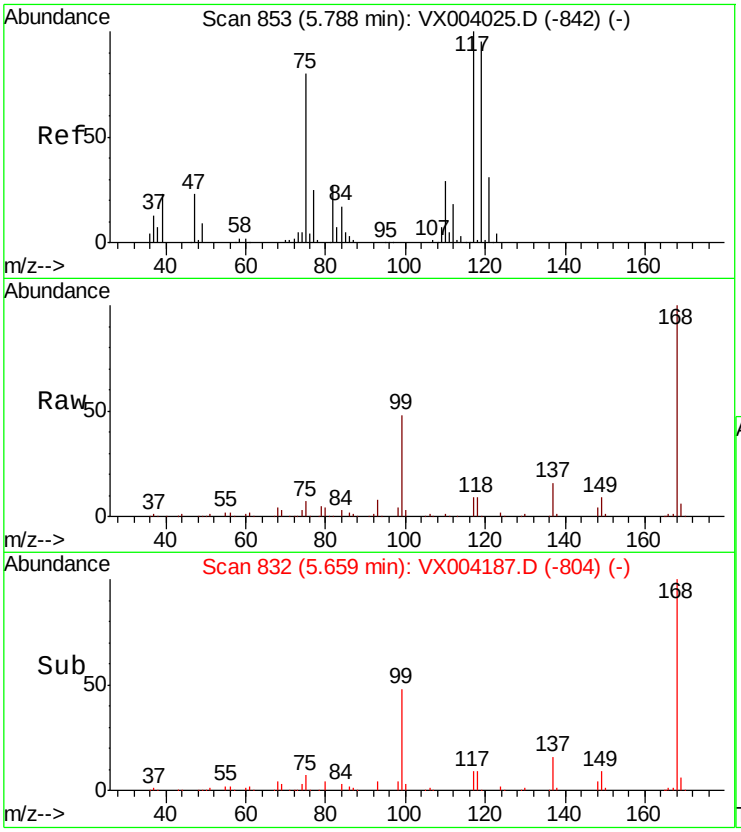


#36
1,1-Dichloropropene
Concen: 3.60 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion: 75 Resp: 19069

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.2	54.6#
77	0.0	25.0	37.4#



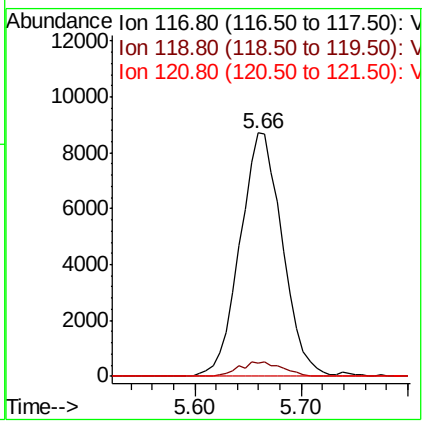


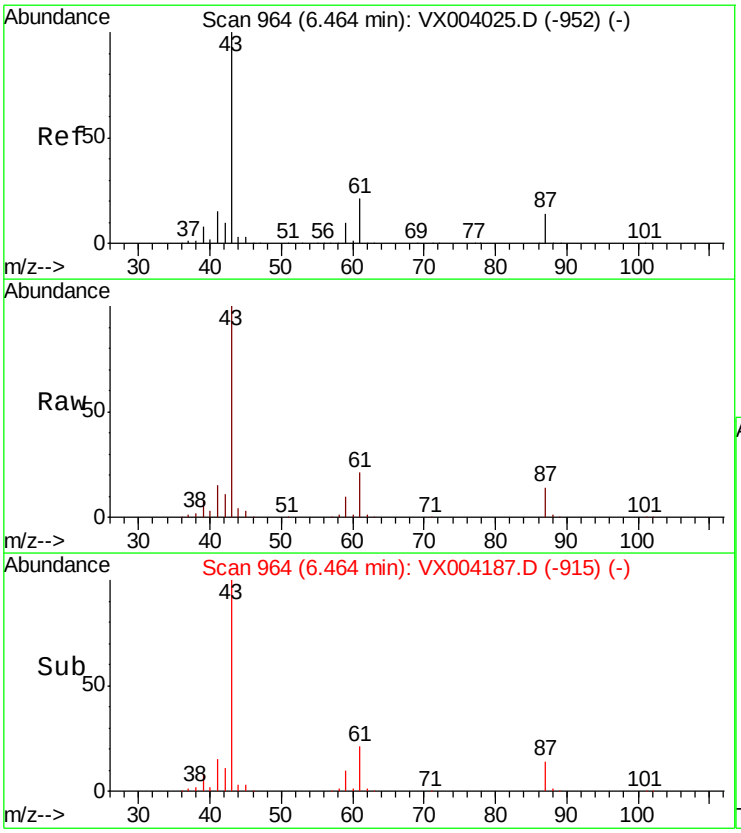
#38
Carbon Tetrachloride
Concen: 4.72 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.13 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Tgt Ion:117 Resp: 24306

Ion	Ratio	Lower	Upper
117	100		
119	5.4	79.5	119.3#
121	0.0	25.0	37.4#

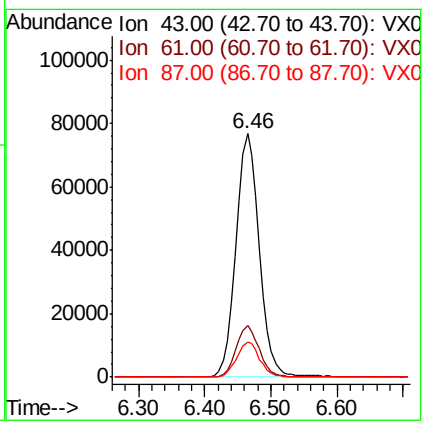


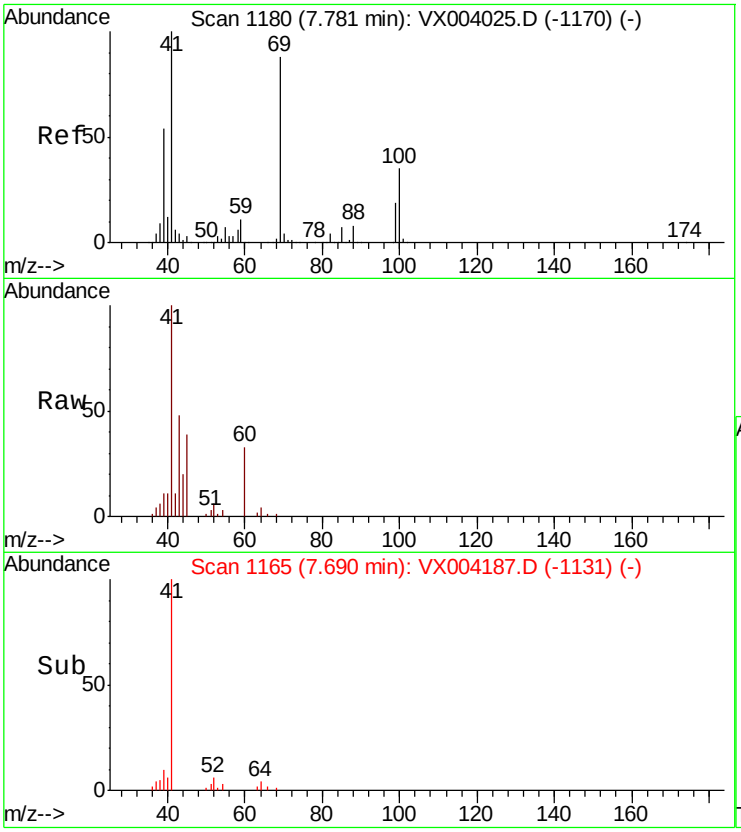


#43
Isopropyl Acetate
Concen: 22.08 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion: 43 Resp: 187850

Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.9	25.3
87	14.3	11.3	16.9



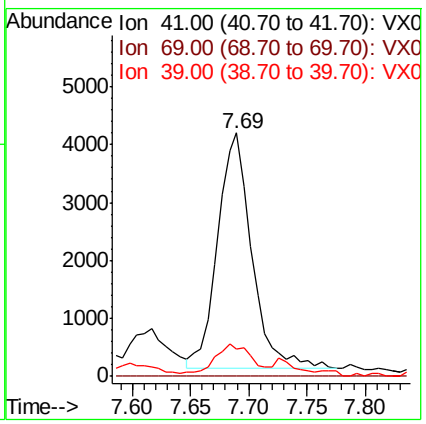


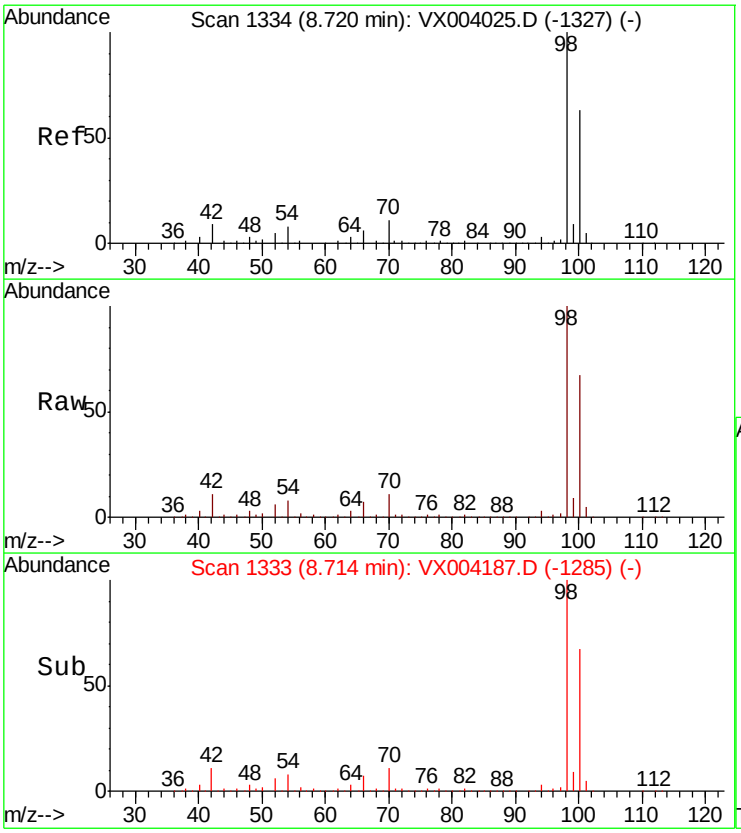
#48
Methyl methacrylate
Concen: 1.93 ug/l
RT: 7.69 min Scan# 1165
Delta R.T. -0.09 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Tgt Ion: 41 Resp: 8252

Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.8	103.2#
39	12.4	42.3	63.5#

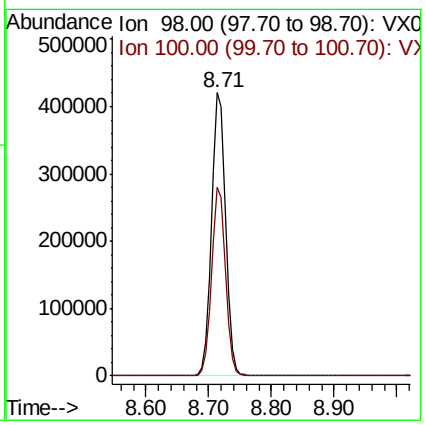


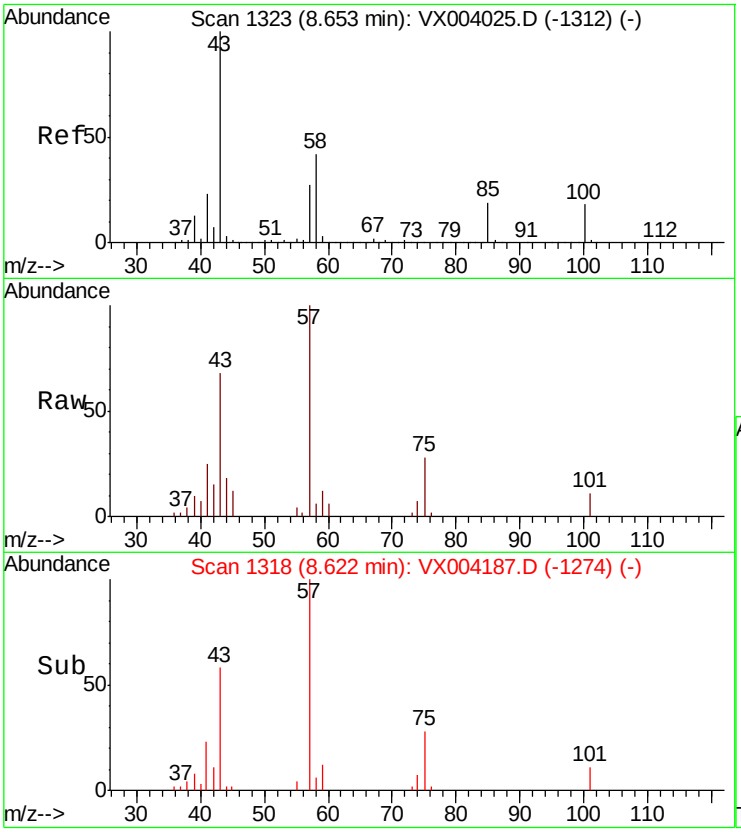


#50
Toluene-d8
Concen: 46.06 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion: 98 Resp: 650935

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.3	79.9



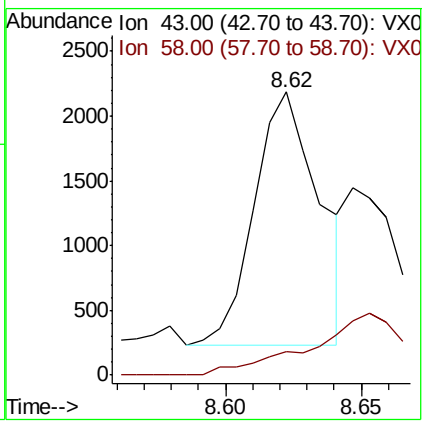


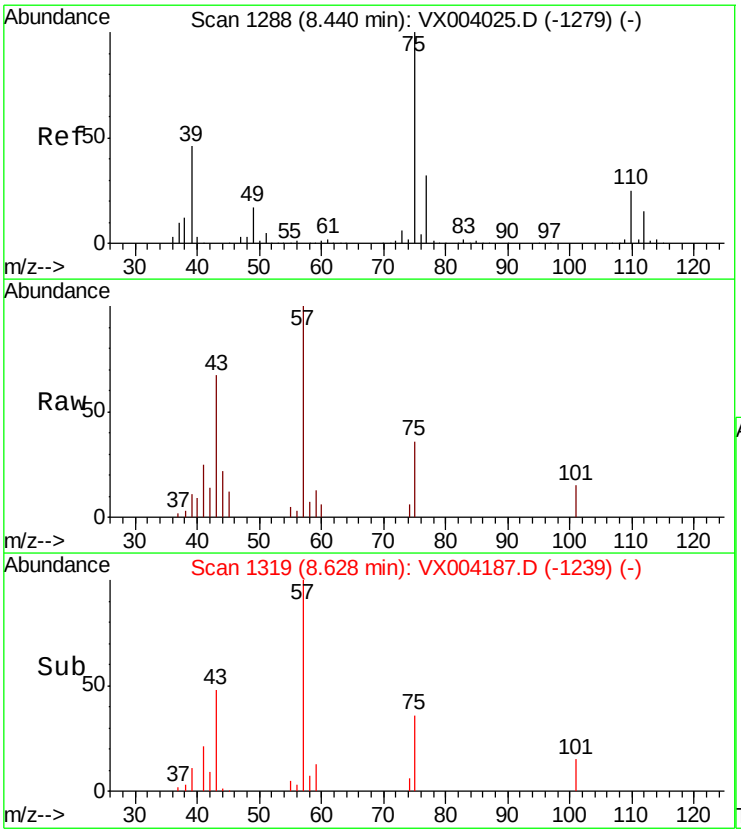
#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.62 min Scan# 1318
Delta R.T. -0.03 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument : MSVOA_X
ClientSampleId : PB112227ZHE#02

Tgt Ion: 43 Resp: 3230

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.0	49.6#

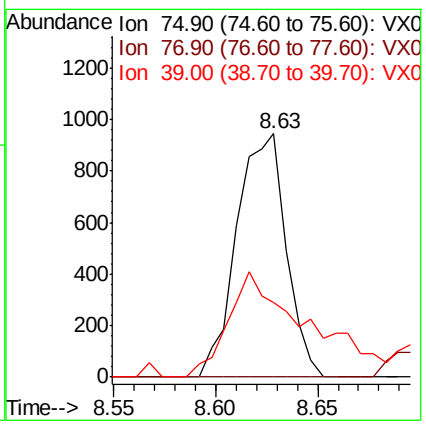


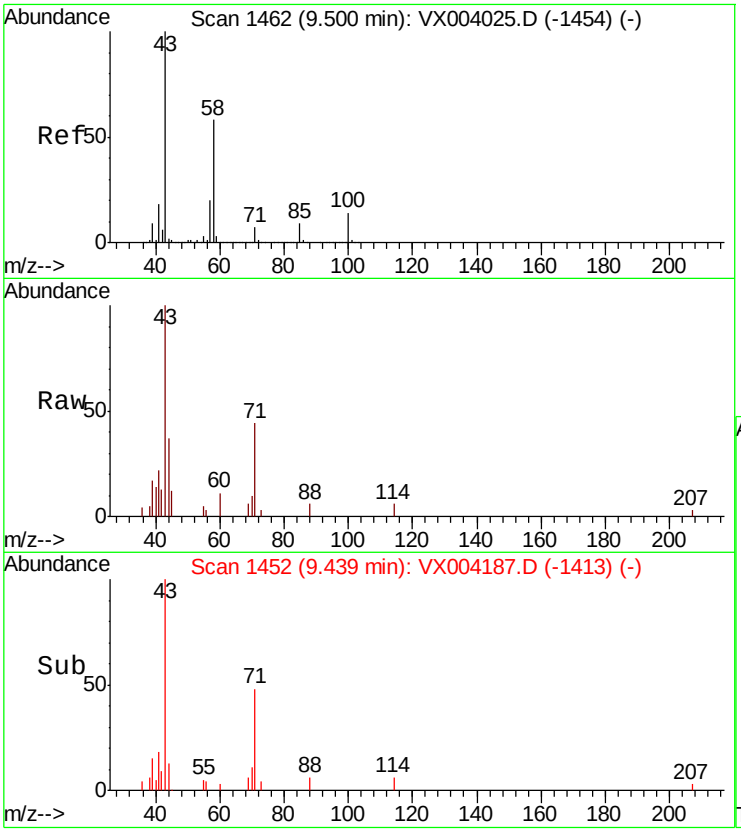


#54
cis-1,3-Dichloropropene
Concen: 0.26 ug/l
RT: 8.63 min Scan# 1319
Delta R.T. 0.19 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion: 75 Resp: 1589

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#
39	30.8	36.2	54.2#



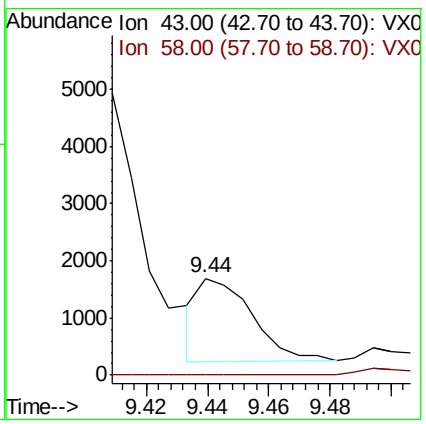


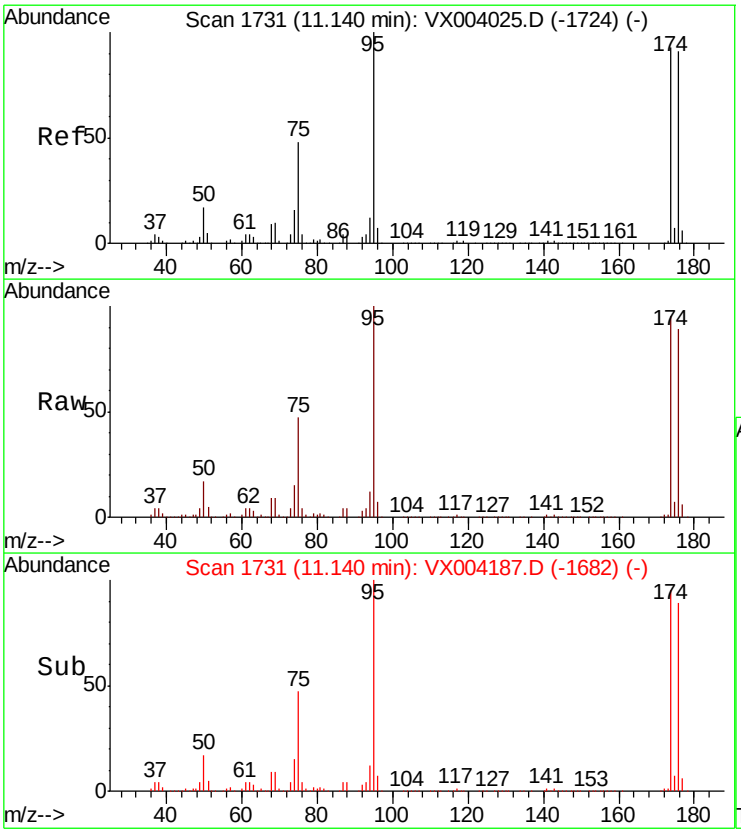
#59
2-Hexanone
Concen: 0.34 ug/l
RT: 9.44 min Scan# 1452
Delta R.T. -0.06 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument : MSVOA_X
ClientSampleId : PB112227ZHE#02

Tgt Ion: 43 Resp: 1776

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	87.0#

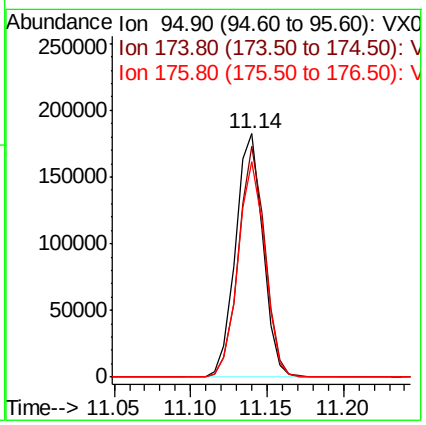


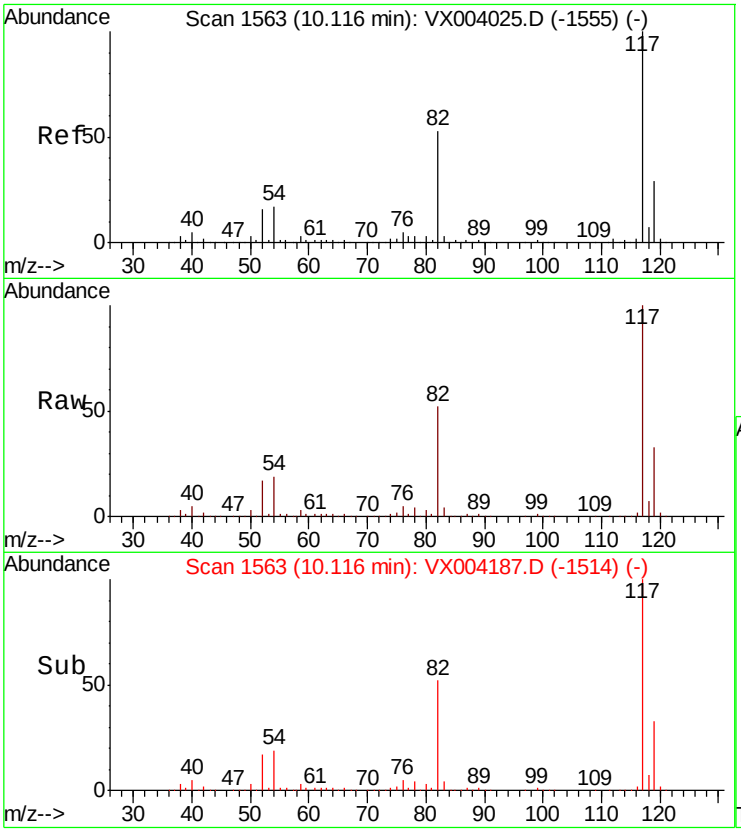


#62
4-Bromofluorobenzene
Concen: 44.08 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion: 95 Resp: 225923

Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	182.8
176	87.9	0.0	179.0



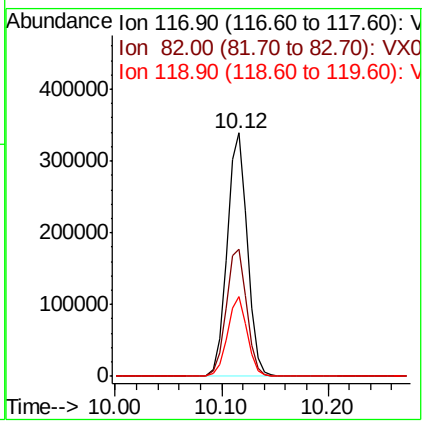


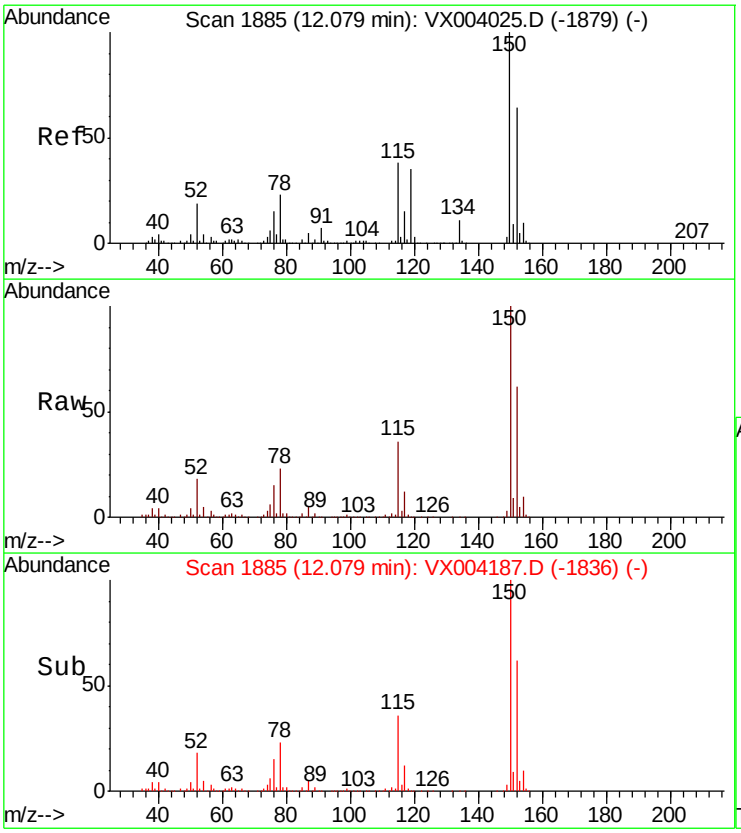
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Tgt Ion:117 Resp: 449441

Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.4	68.0
119	32.9	26.6	40.0

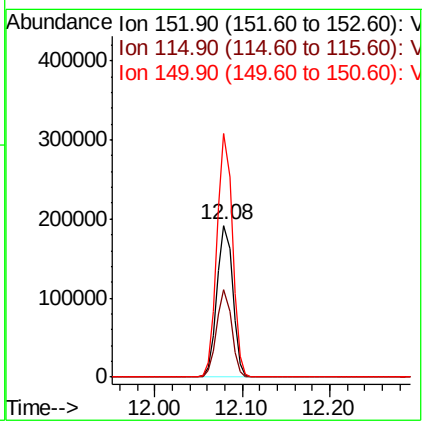


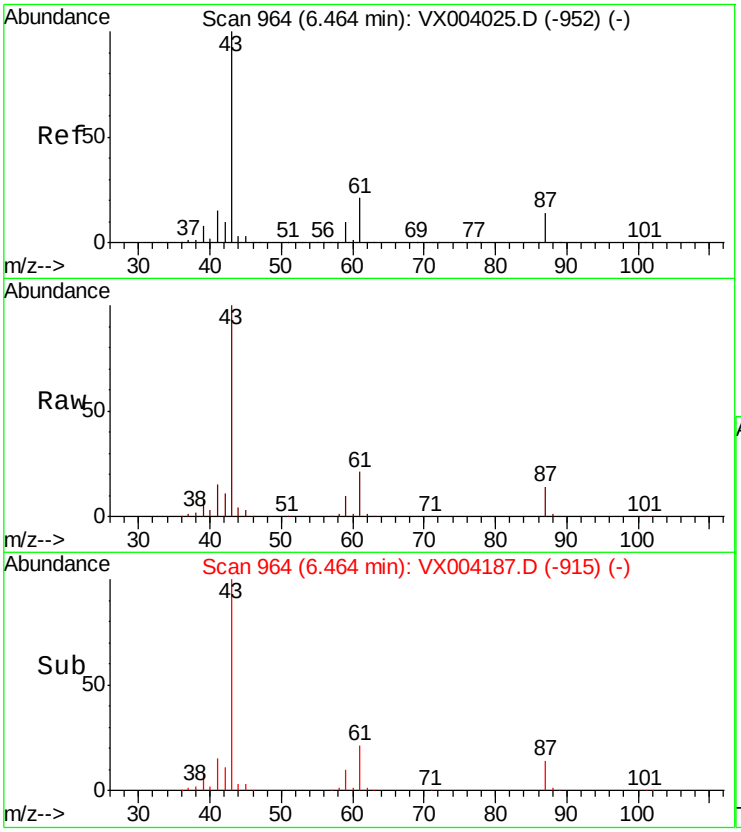


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion:152 Resp: 237000

Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.1	117.3
150	157.0	0.0	349.2



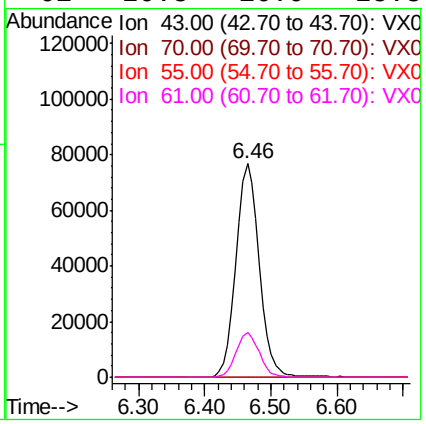


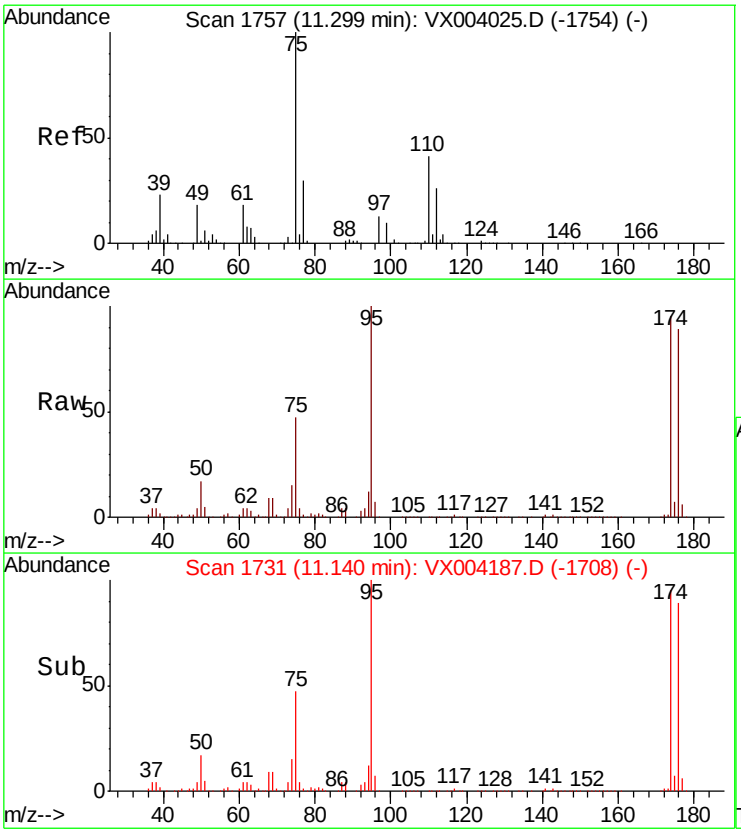
#74
N-amyl acetate
Concen: 24.90 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument : MSVOA_X
ClientSampleId : PB112227ZHE#02

Tgt Ion: 43 Resp: 187850

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	20.8	16.9	25.3

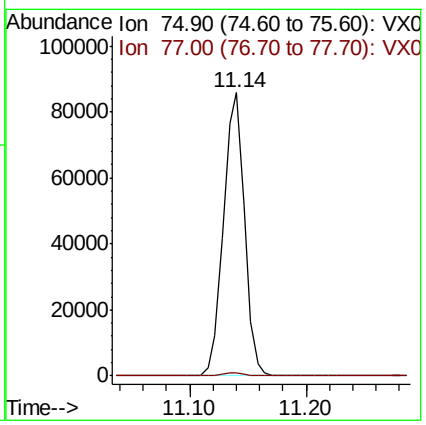


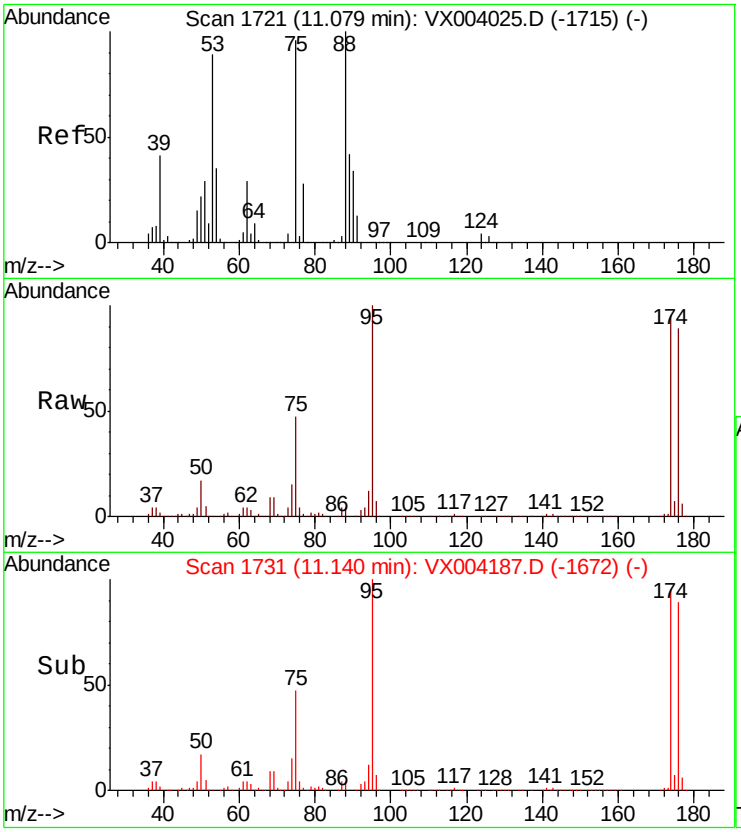


#76
1,2,3-Trichloropropane
Concen: 22.53 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion: 75 Resp: 107083

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.8	62.5#



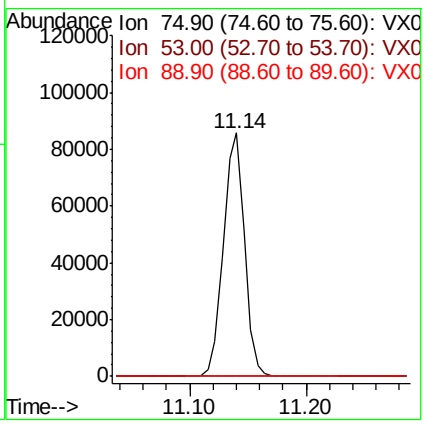


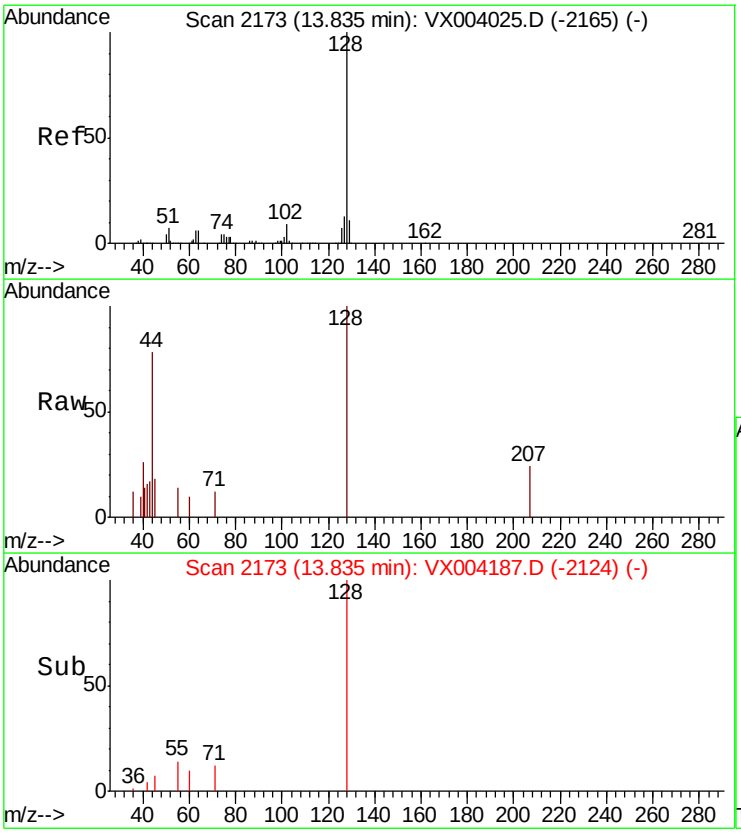
#81
trans-1,4-Dichloro-2-butene
Concen: 69.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Tgt Ion: 75 Resp: 107083

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.3	120.5#
89	0.0	37.8	56.8#





#95
Naphthalene
Concen: 1.19 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion:128 Resp: 753

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.8	13.2#