Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060218\
Data File : VX002241.D
Acq On : 02 Jun 2018 16:03
Operator : JC/MD
Sample : J3119-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0463-180522

Quant Time: Jun 04 05:07:40 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	245135	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	352106	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	319888	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173062	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	227696	51.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.92%				
35) Dibromofluoromethane	5.51	113	166177	47.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.40%				
50) Toluene-d8	8.72	98	654418	51.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.68%				
62) 4-Bromofluorobenzene	11.14	95	225451	45.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	162	Below Cal		#	41
10) Methyl Iodide	2.51	142	2107	0.51	ug/l	#	87
11) Tert butyl alcohol	3.03	59	1680	1.95	ug/l	#	71
12) 1,1-Dichloroethene	2.38	96	1051	0.37	ug/l		88
13) Acrolein	2.31	56	202	0.54	ug/l	#	67
16) Acetone	2.45	43	945	0.56	ug/l		93
18) Methyl Acetate	2.77	43	124	Below Cal		#	10
20) Methylene Chloride	2.86	84	523	Below Cal		#	62
21) trans-1,2-Dichloroethene	3.17	96	715	Below Cal		#	77
24) 1,1-Dichloroethane	3.70	63	1440	0.25	ug/l	#	83
27) cis-1,2-Dichloroethene	4.60	96	16836	4.52	ug/l		97
28) Bromochloromethane	5.03	49	131	Below Cal		#	14
31) Cyclohexane	5.66	56	5484	0.91	ug/l	#	4
36) 1,1-Dichloropropene	5.67	75	17380	3.55	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	23335	4.09	ug/l	#	14
41) Methacrylonitrile	5.09	41	49	Below Cal		#	1
44) Trichloroethene	7.21	130	47024	11.25	ug/l		100
49) 1,4-Dioxane	7.79	88	29	0.30	ug/l	#	1
55) 1,1,2-Trichloroethane	9.23	97	1330	0.35	ug/l	#	86
60) Dibromochloromethane	9.34	129	7564	1.67	ug/l	#	11
64) Tetrachloroethene	9.34	164	8091	1.76	ug/l		98
74) N-amyl acetate	6.49	43	261	Below Cal		#	59
75) 1,1,2,2-Tetrachloroethane	11.35	83	26	Below Cal		#	25
76) 1,2,3-Trichloropropane	11.14	75	123350	29.67	ug/l	#	32
79) 2-Chlorotoluene	11.43	91	131	Below Cal		#	69
81) trans-1,4-Dichloro-2-buten	11.14	75	123350	71.32	ug/l	#	10

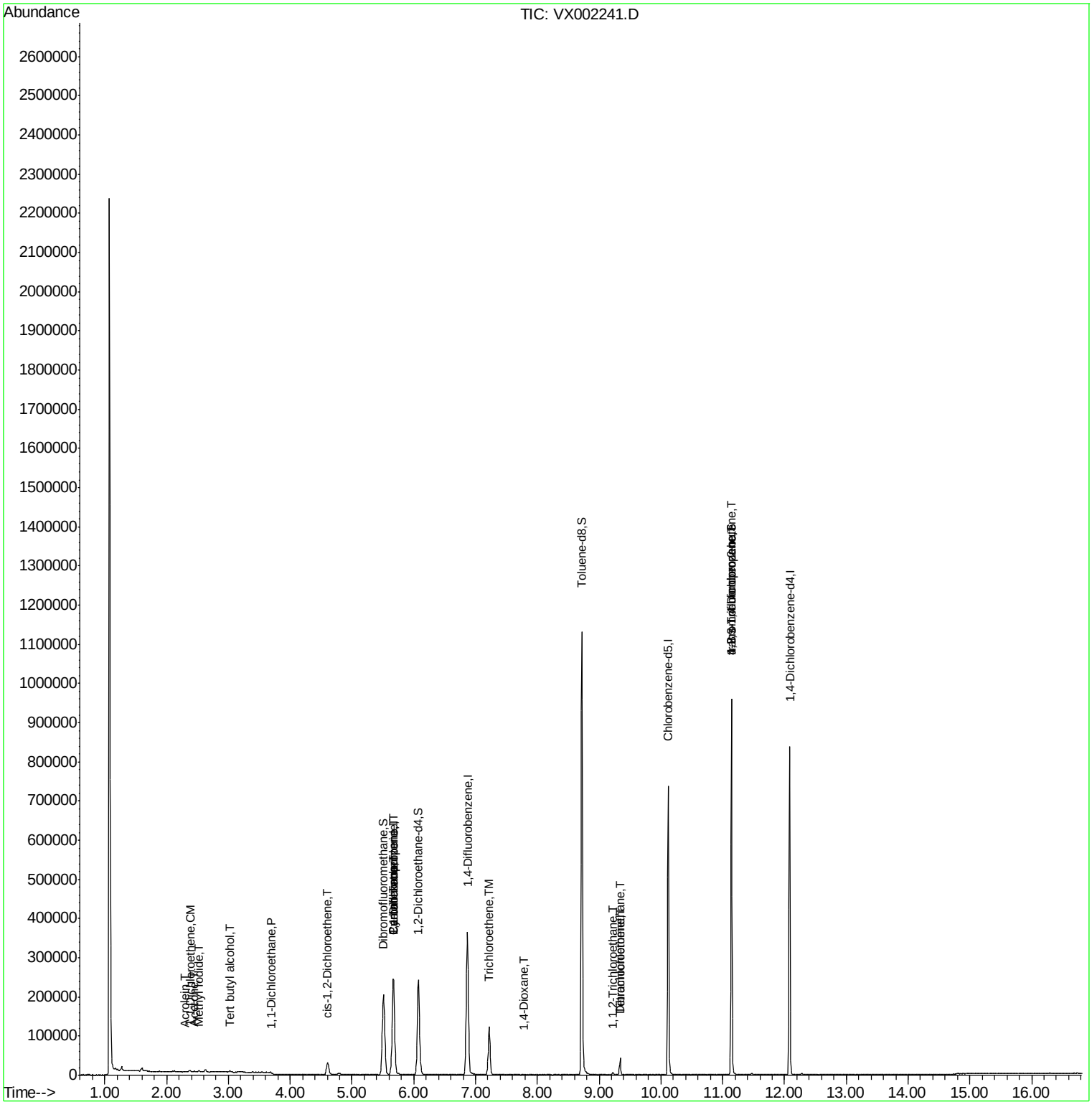
(#) = qualifier out of range (m) = manual integration (+) = signals summed

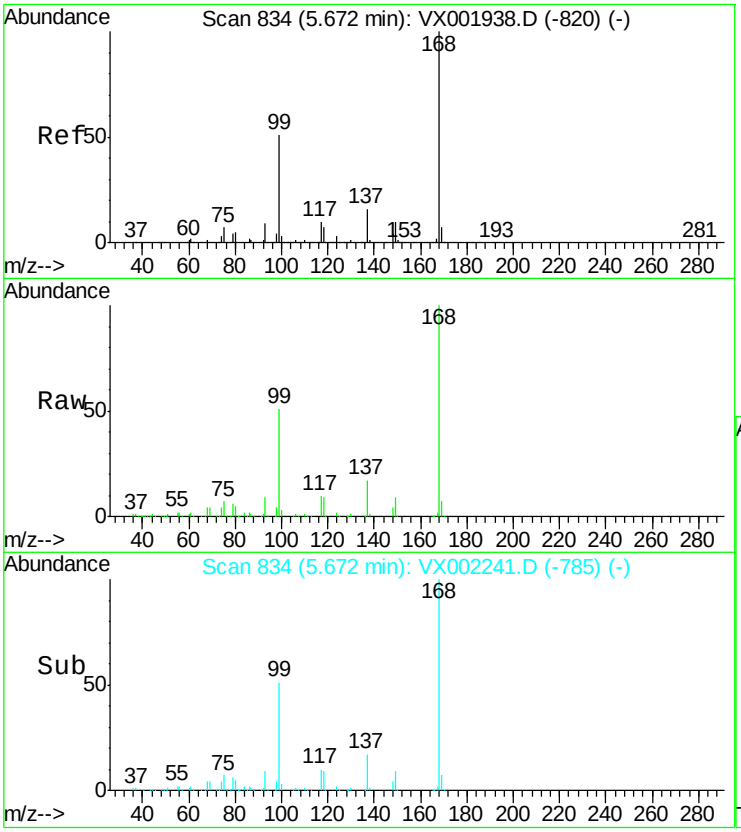
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
Data File : VX002241.D
Acq On : 02 Jun 2018 16:03
Operator : JC/MD
Sample : J3119-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0463-180522

Quant Time: Jun 04 05:07:40 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration



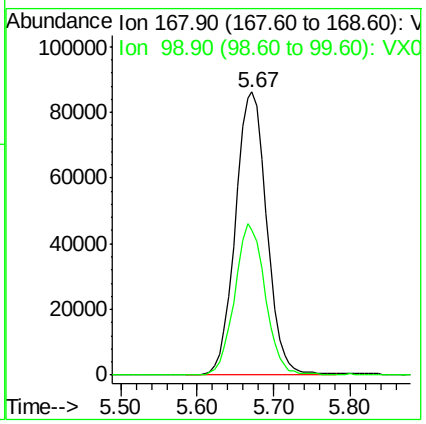


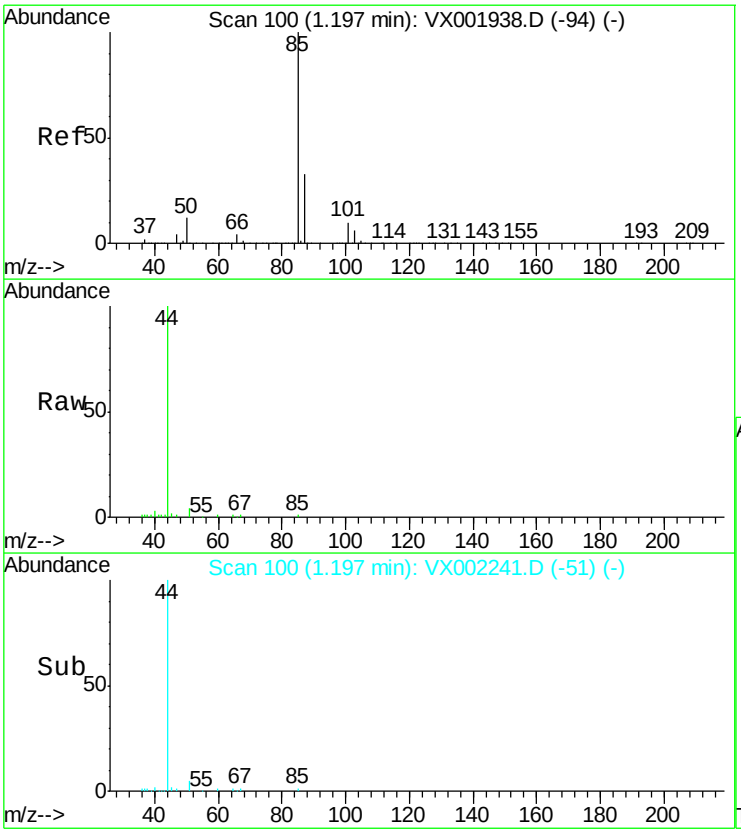
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0463-180522

Tgt Ion:168 Resp: 245135

Ion	Ratio	Lower	Upper
168	100		
99	51.5	41.0	61.4

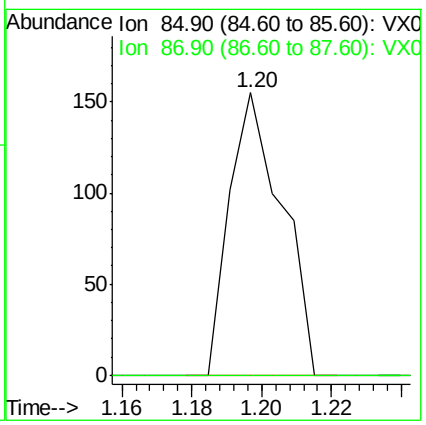


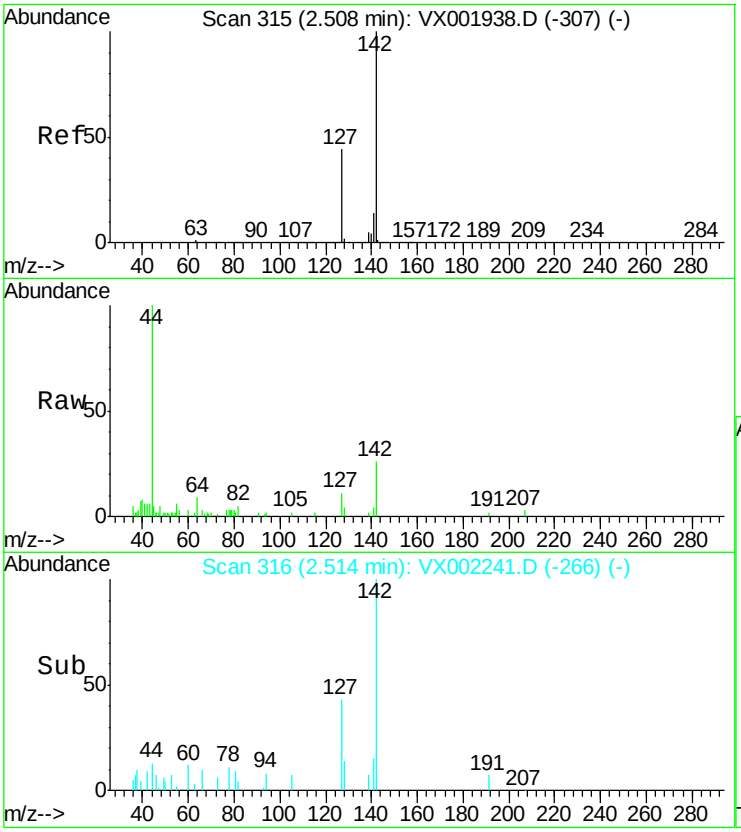


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 85 Resp: 162

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



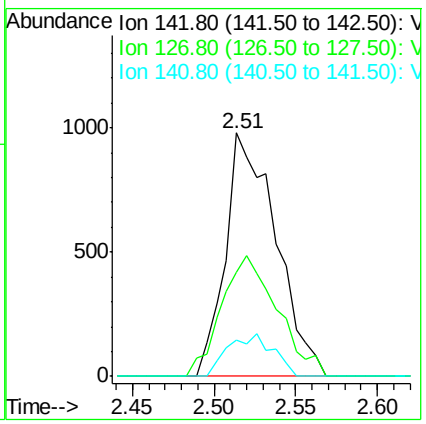


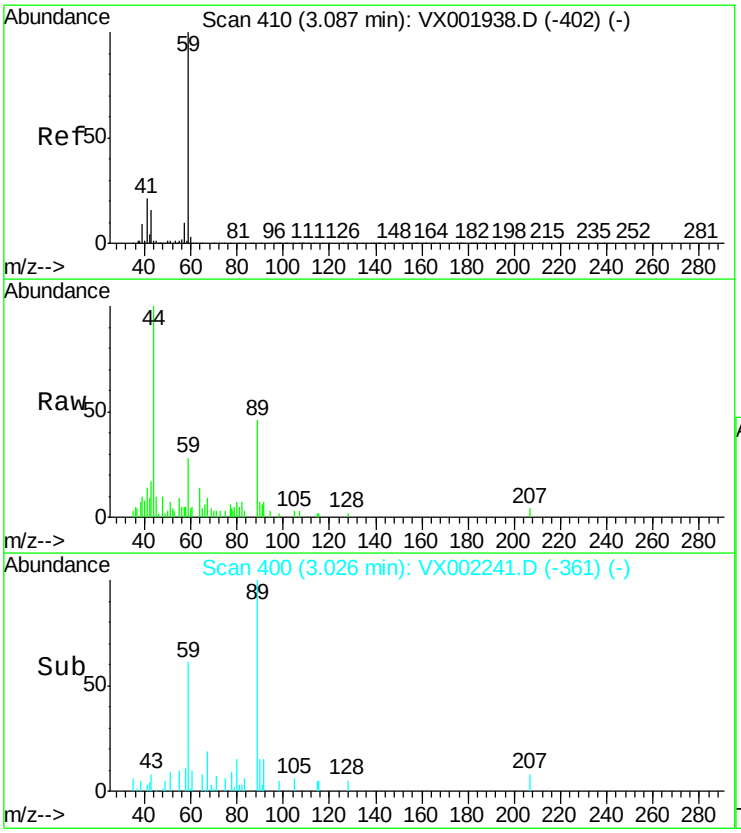
#10
Methyl Iodide
Concen: 0.51 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument : MSVOA_X
ClientSampleId : DUP-0463-180522

Tgt Ion:142 Resp: 2107

Ion	Ratio	Lower	Upper
142	100		
127	55.1	35.5	53.3#
141	15.7	11.3	16.9

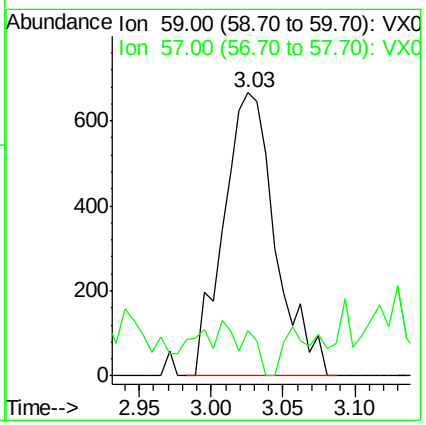


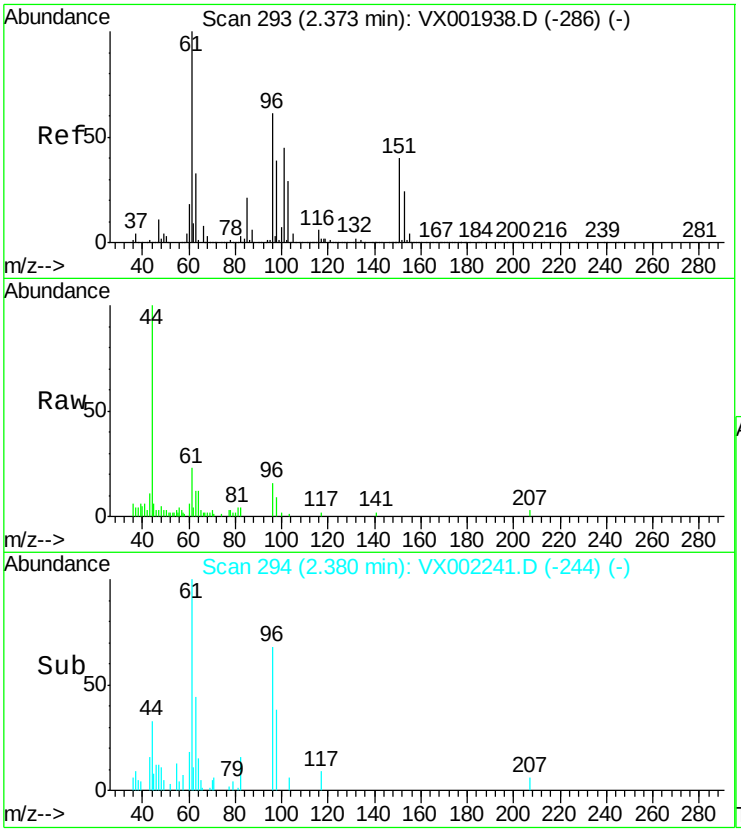


#11
Tert butyl alcohol
Concen: 1.95 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 59 Resp: 1680

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#



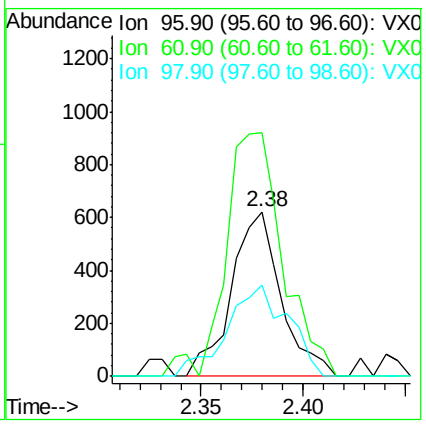


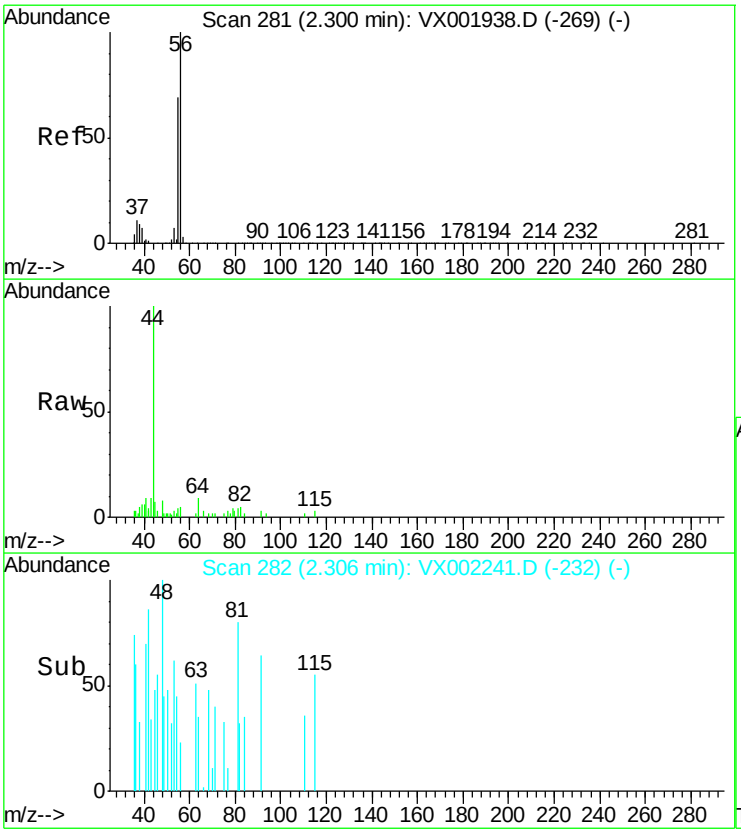
#12
1,1-Dichloroethene
Concen: 0.37 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument : MSVOA_X
ClientSampleId : DUP-0463-180522

Tgt Ion: 96 Resp: 1051

Ion	Ratio	Lower	Upper
96	100		
61	147.9	131.7	197.5
98	55.5	51.6	77.4

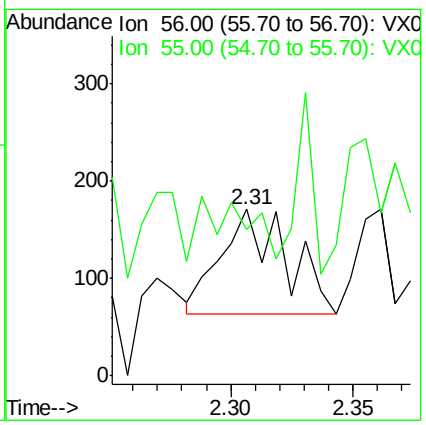


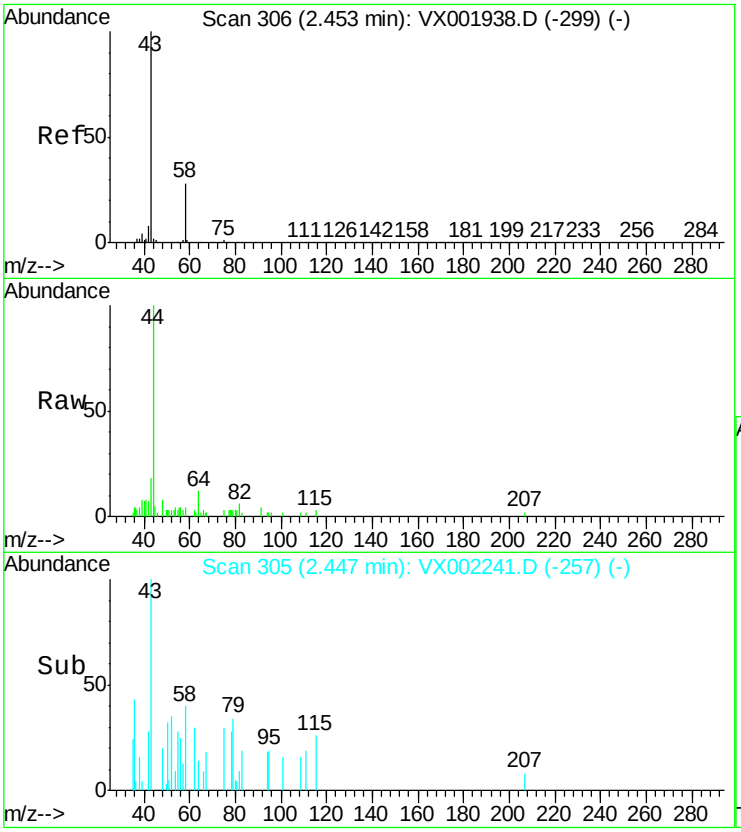


#13
Acrolein
Concen: 0.54 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 56 Resp: 202

Ion	Ratio	Lower	Upper
56	100		
55	44.1	56.8	85.2#



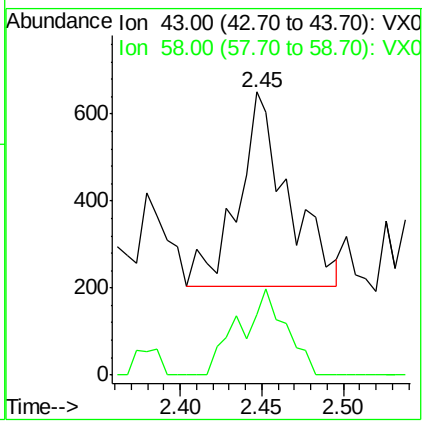


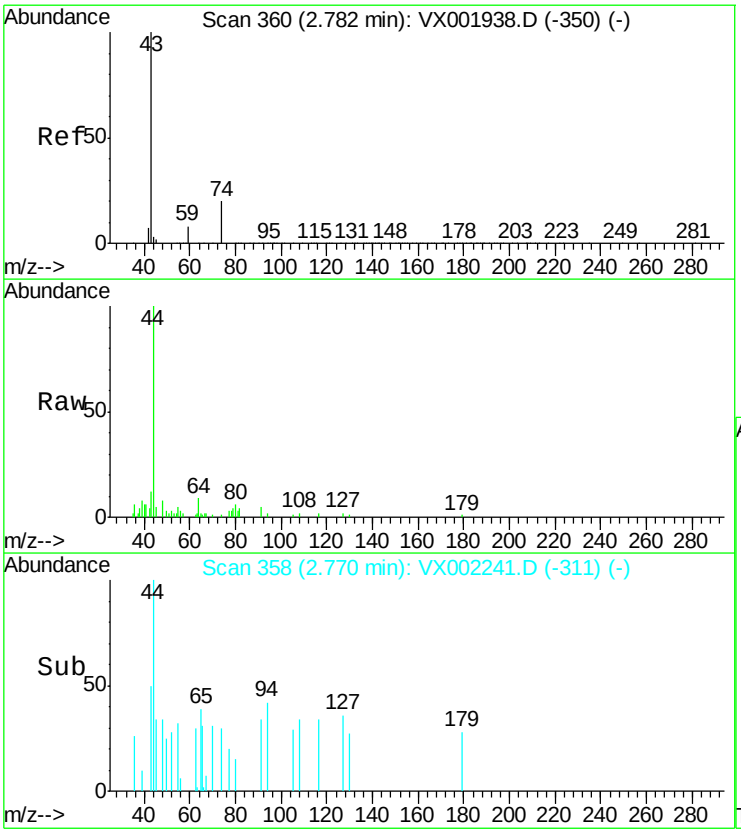
#16
Acetone
Concen: 0.56 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument : MSVOA_X
ClientSampleId : DUP-0463-180522

Tgt Ion: 43 Resp: 945

Ion	Ratio	Lower	Upper
43	100		
58	31.4	22.3	33.5

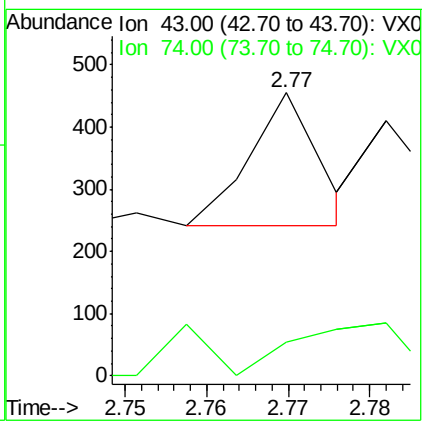


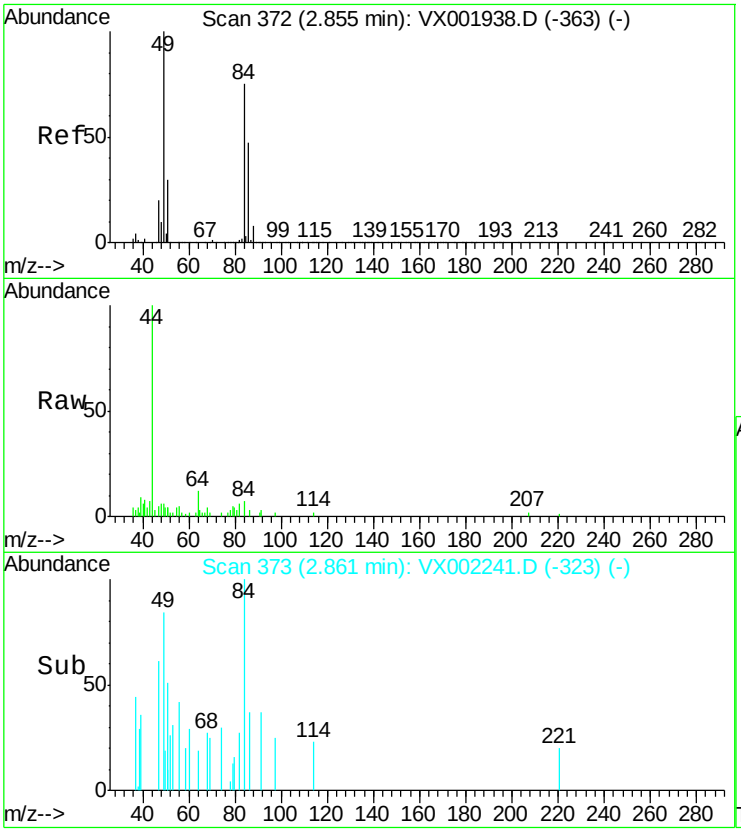


#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 43 Resp: 124

Ion	Ratio	Lower	Upper
43	100		
74	62.9	16.8	25.2#



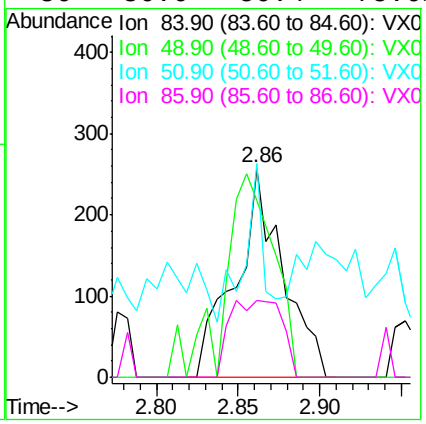


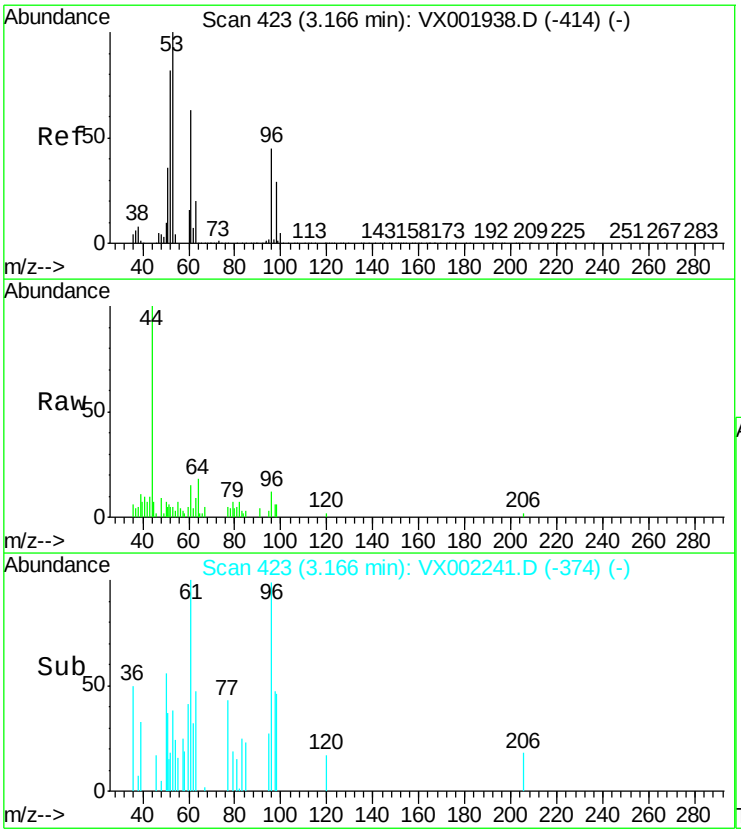
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument : MSVOA_X
ClientSampleId : DUP-0463-180522

Tgt Ion: 84 Resp: 523

Ion	Ratio	Lower	Upper
84	100		
49	84.4	107.2	160.8#
51	61.9	32.4	48.6#
86	36.6	50.4	75.6#

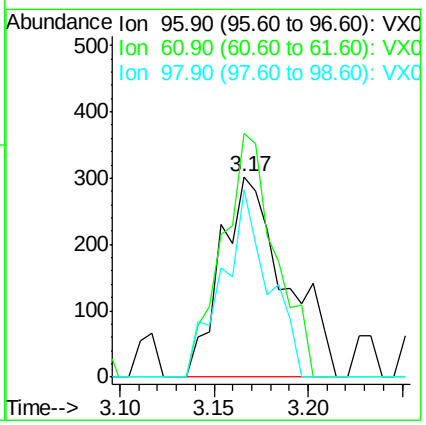


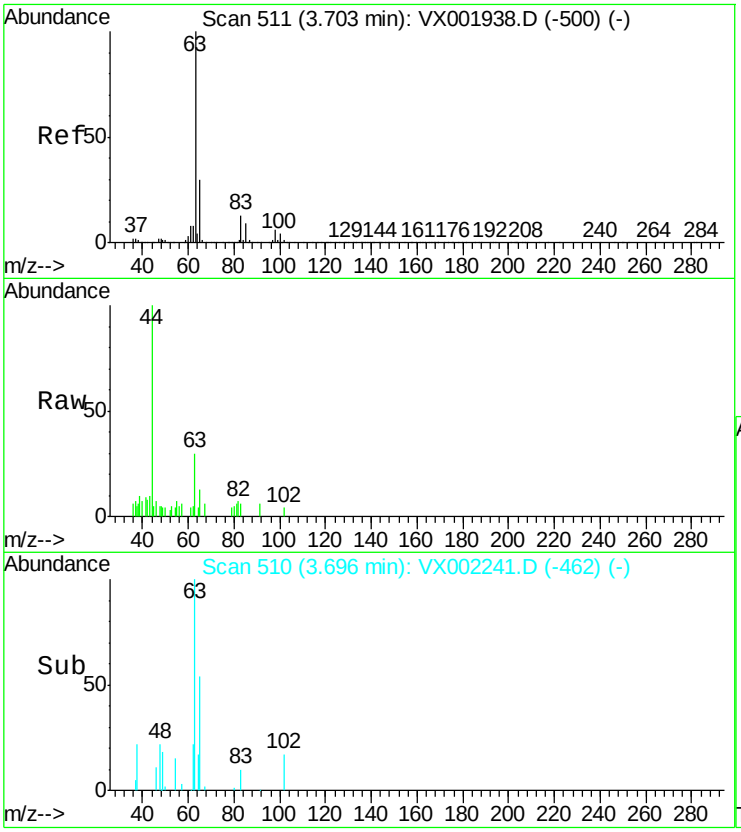


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 96 Resp: 715

Ion	Ratio	Lower	Upper
96	100		
61	121.5	113.3	169.9
98	93.4	51.7	77.5#



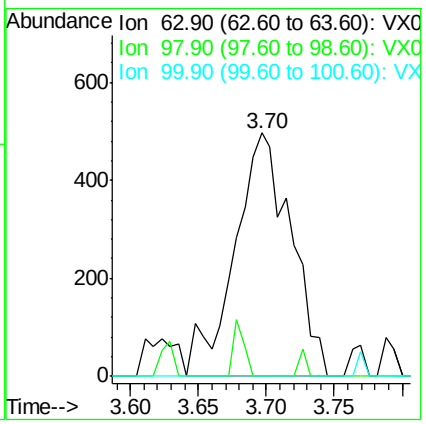


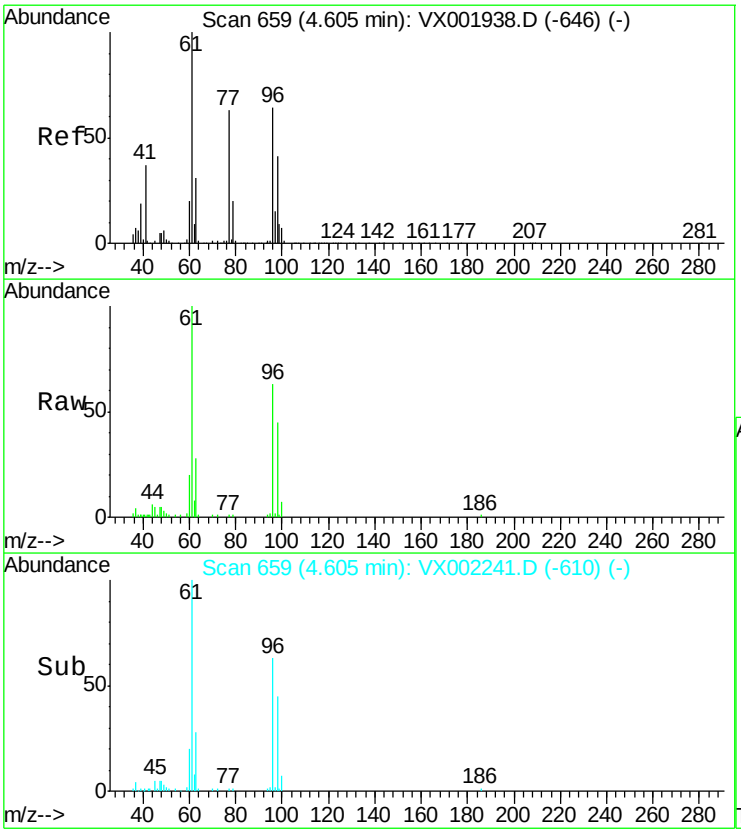
#24
1,1-Dichloroethane
Concen: 0.25 ug/l
RT: 3.70 min Scan# 510
Delta R.T. -0.01 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument : MSVOA_X
ClientSampleId : DUP-0463-180522

Tgt Ion: 63 Resp: 1440

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.8#
100	0.0	2.1	6.5#

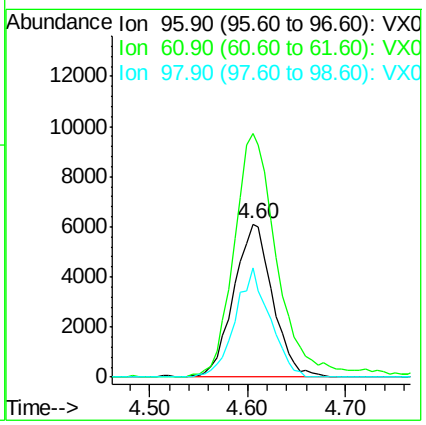


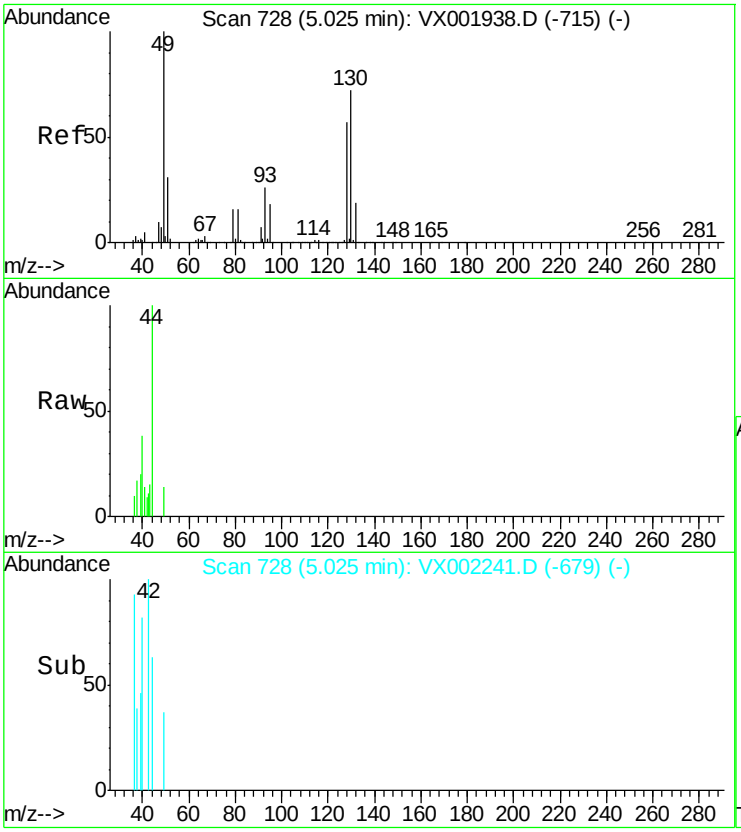


#27
cis-1,2-Dichloroethene
Concen: 4.52 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 96 Resp: 16836

Ion	Ratio	Lower	Upper
96	100		
61	178.7	0.0	348.4
98	63.4	0.0	128.6



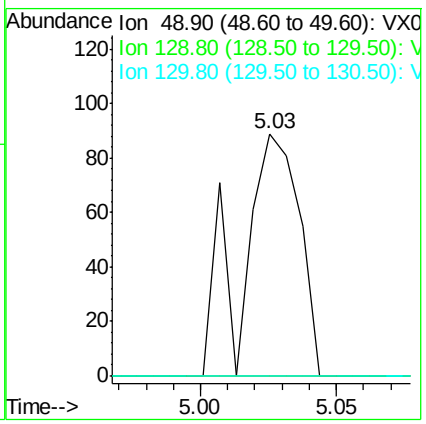


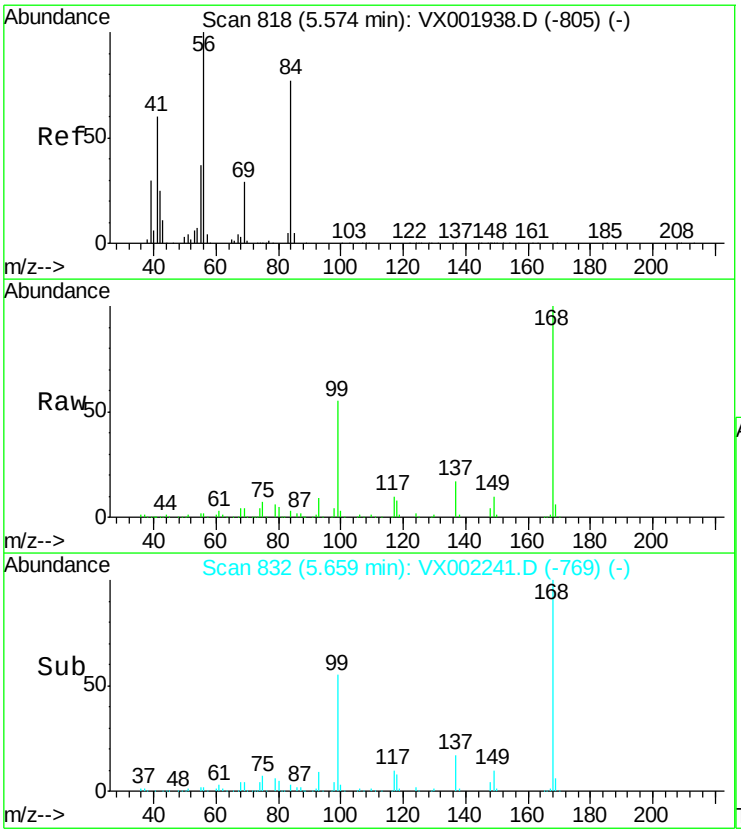
#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument : MSVOA_X
ClientSampleId : DUP-0463-180522

Tgt Ion: 49 Resp: 131

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#

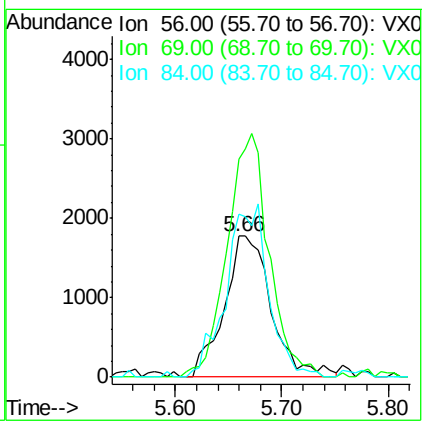


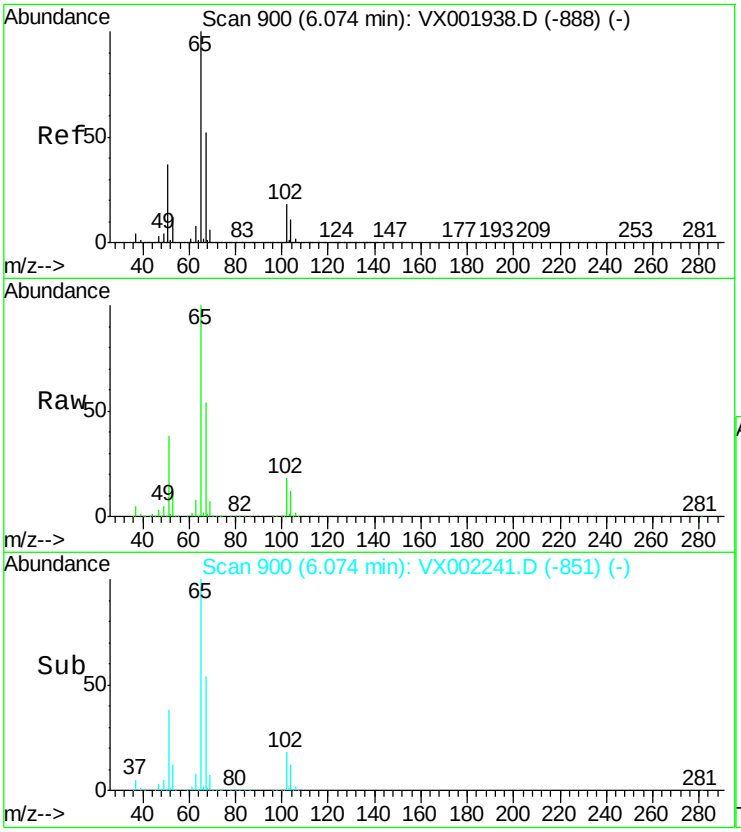


#31
Cyclohexane
Concen: 0.91 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.09 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 56 Resp: 5484

Ion	Ratio	Lower	Upper
56	100		
69	154.8	23.1	34.7#
84	115.4	62.0	93.0#



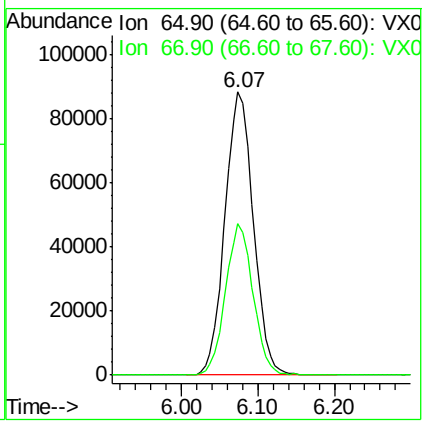


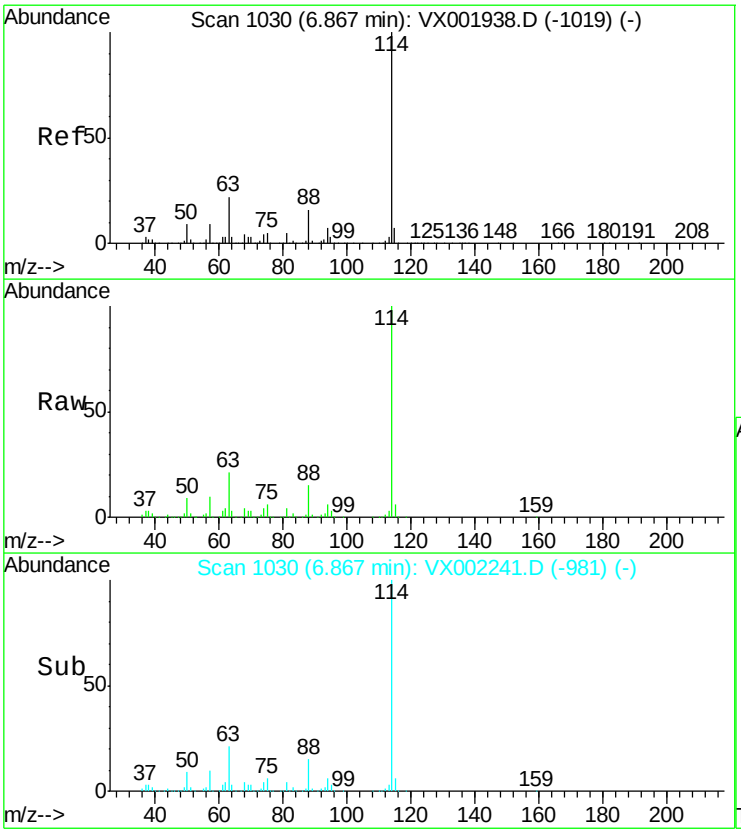
#33
1,2-Dichloroethane-d4
Concen: 51.96 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument : MSVOA_X
ClientSampleId : DUP-0463-180522

Tgt Ion: 65 Resp: 227696

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.0

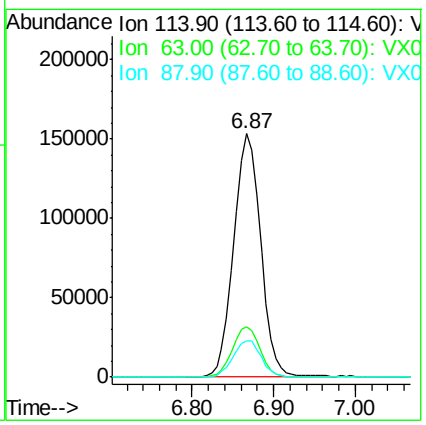


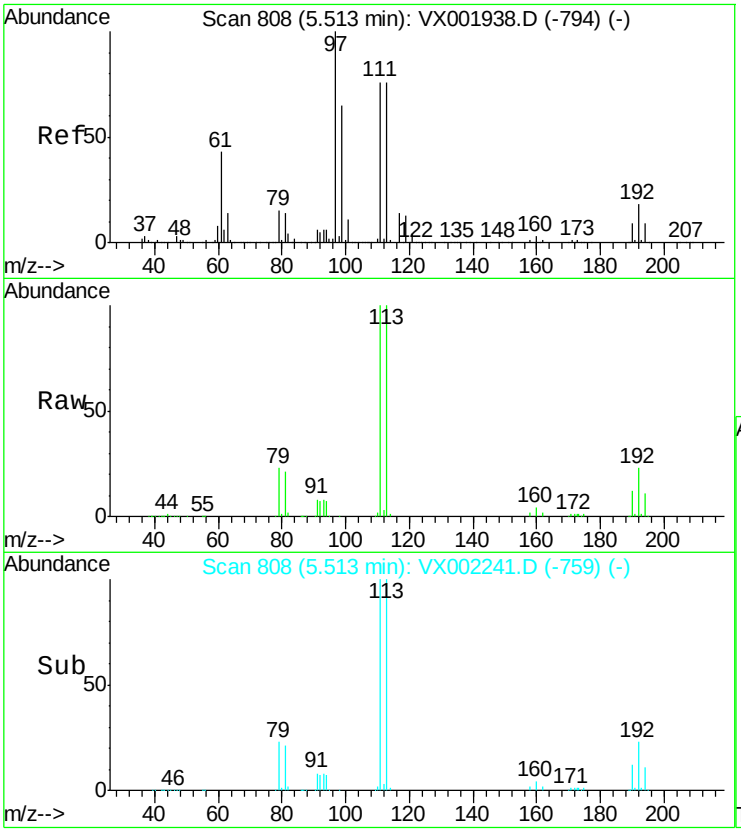


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion:114 Resp: 352106

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.2
88	15.0	0.0	31.6



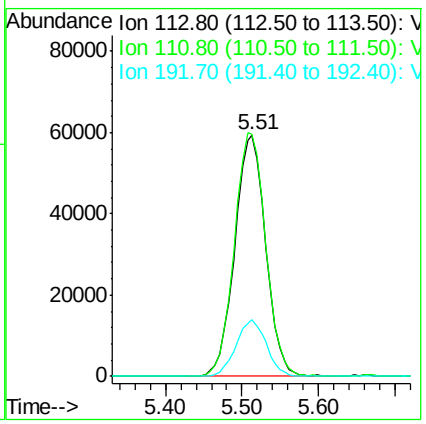


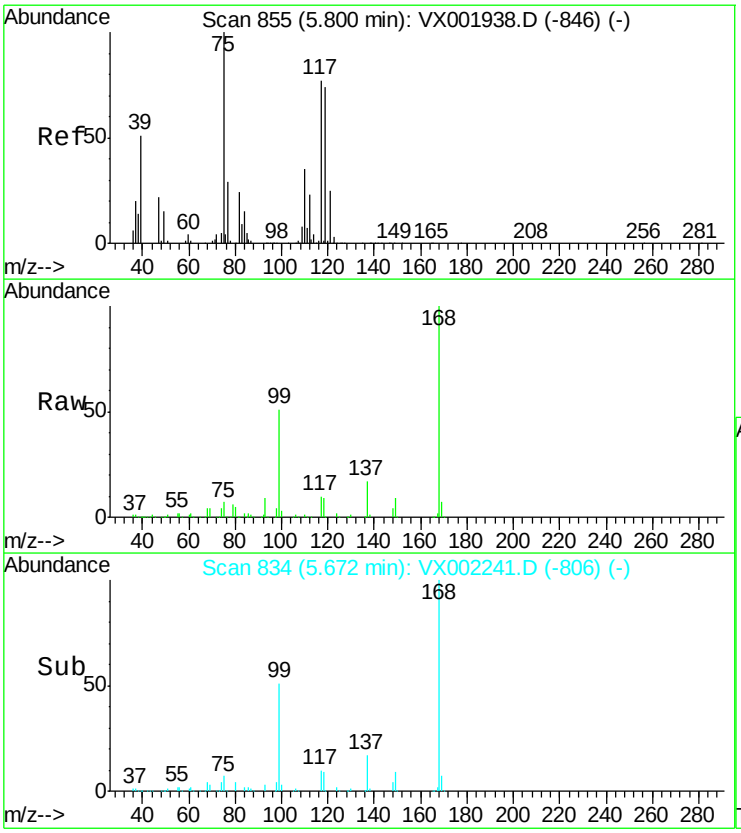
#35
Dibromofluoromethane
Concen: 47.20 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0463-180522

Tgt Ion:113 Resp: 166177

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	23.1	18.9	28.3

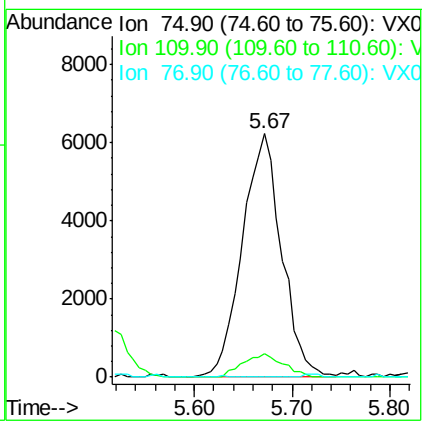


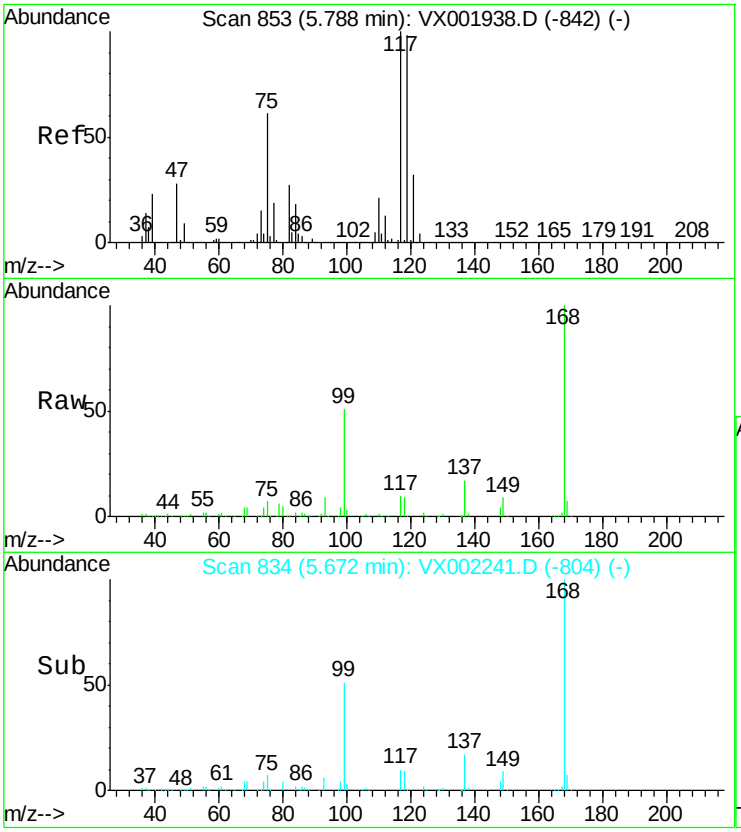


#36
1,1-Dichloropropene
Concen: 3.55 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 75 Resp: 17380

Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.4	52.2#
77	0.0	24.4	36.6#



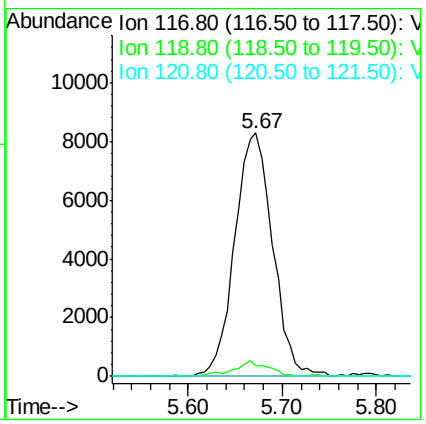


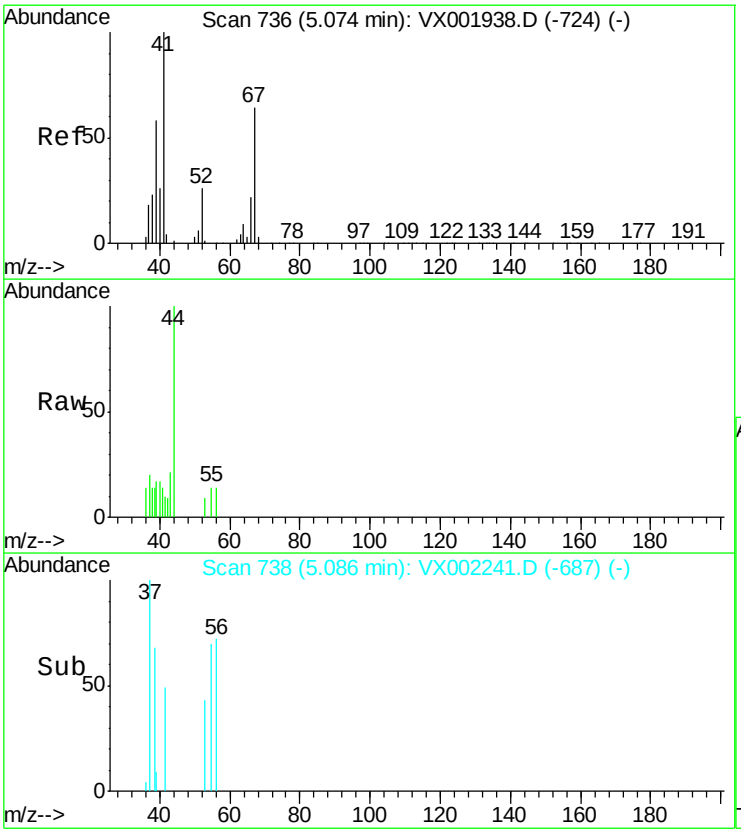
#38
Carbon Tetrachloride
Concen: 4.09 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0463-180522

Tgt Ion:117 Resp: 23335

Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.5	117.7#
121	0.0	25.5	38.3#

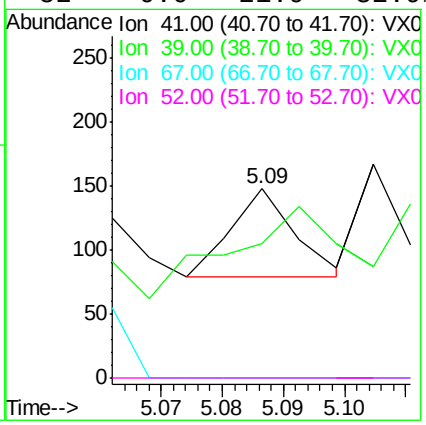


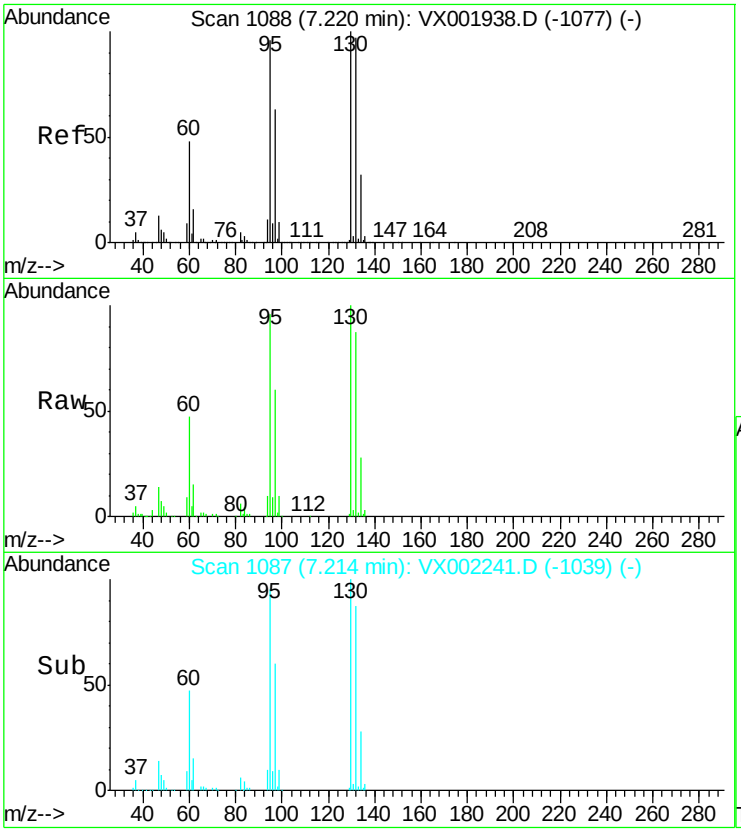


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.09 min Scan# 738
Delta R.T. 0.01 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 41 Resp: 49

Ion	Ratio	Lower	Upper
41	100		
39	187.8	46.0	69.0#
67	0.0	50.6	75.8#
52	0.0	21.9	32.9#



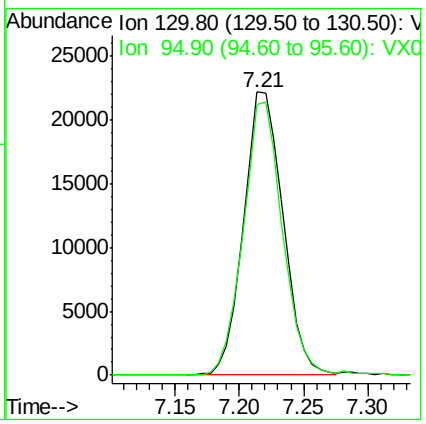


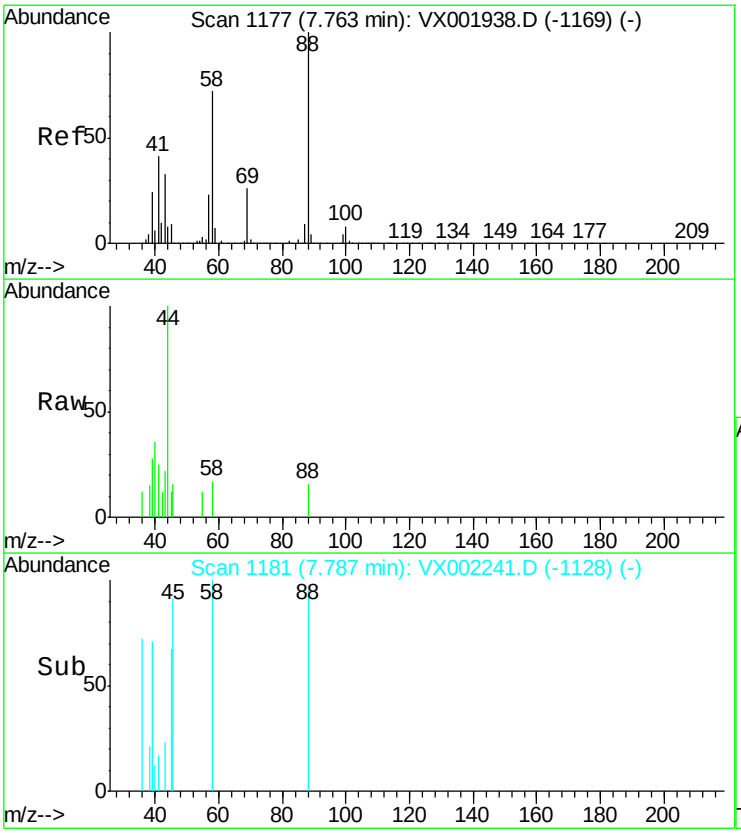
#44
Trichloroethene
Concen: 11.25 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0463-180522

Tgt Ion:130 Resp: 47024

Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	192.0

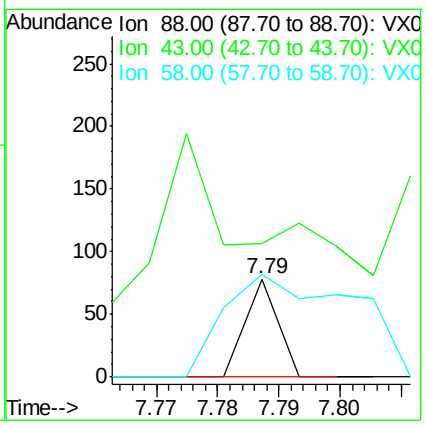


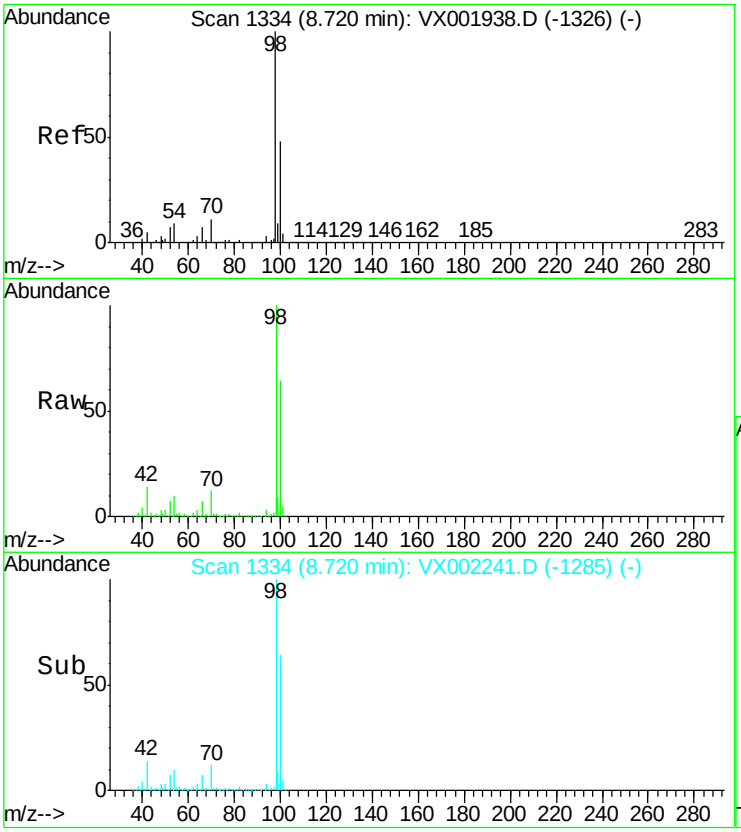


#49
1,4-Dioxane
Concen: 0.30 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.02 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 88 Resp: 29

Ion	Ratio	Lower	Upper
88	100		
43	875.9	29.8	44.8#
58	413.8	58.7	88.1#



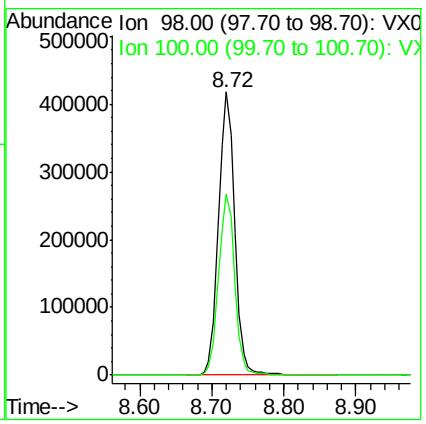


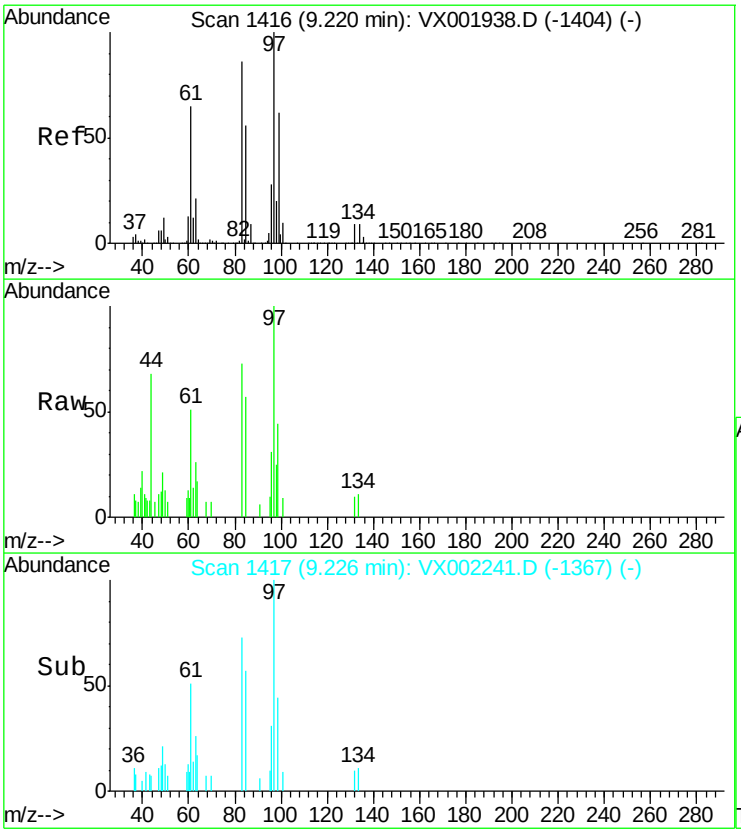
#50
Toluene-d8
Concen: 51.34 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0463-180522

Tgt Ion: 98 Resp: 654418

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.5	77.3

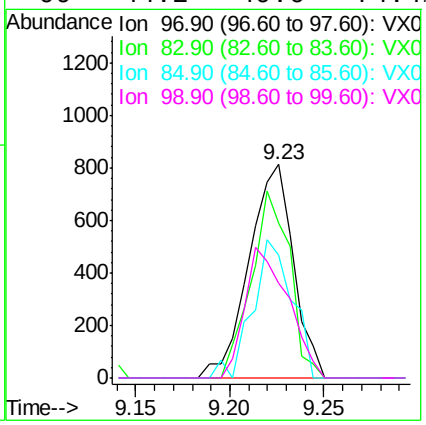


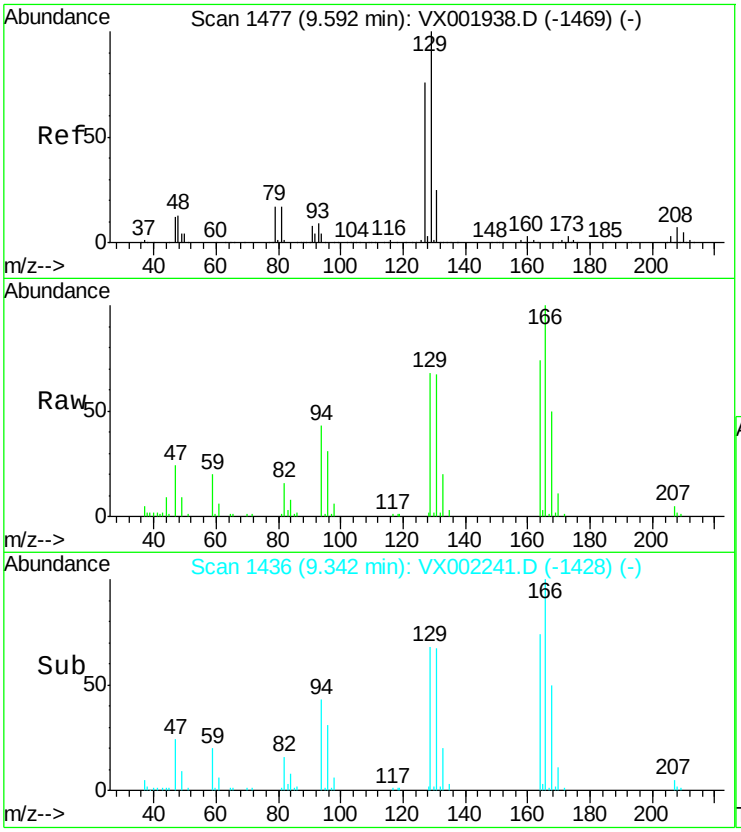


#55
1,1,2-Trichloroethane
Concen: 0.35 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.01 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 97 Resp: 1330

Ion	Ratio	Lower	Upper
97	100		
83	72.8	69.1	103.7
85	57.3	45.2	67.8
99	44.2	49.6	74.4#



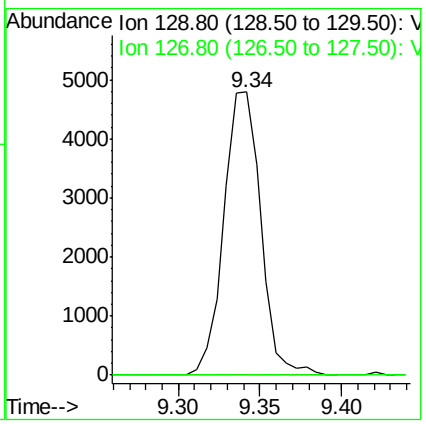


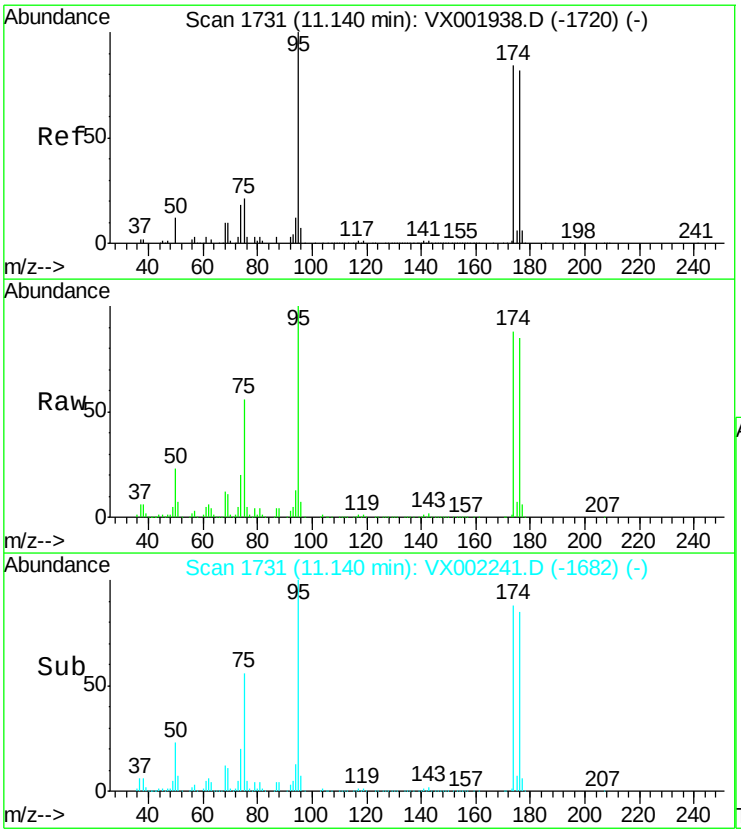
#60
Dibromochloromethane
Concen: 1.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0463-180522

Tgt Ion:129 Resp: 7564

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.9#

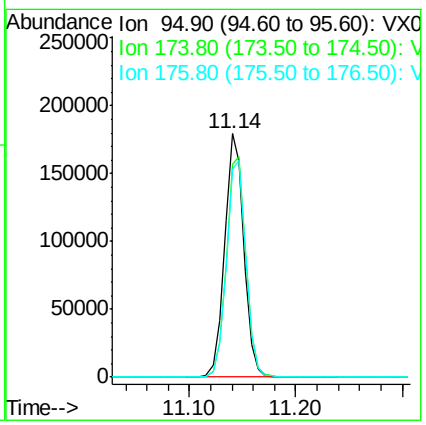


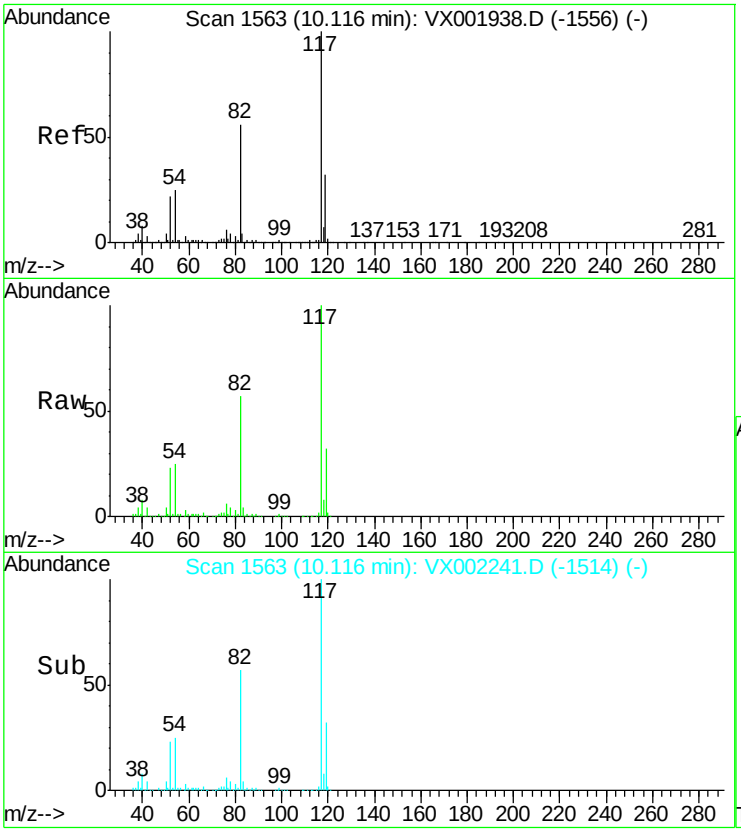


#62
4-Bromofluorobenzene
Concen: 45.20 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 95 Resp: 225451

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	178.8
176	90.9	0.0	175.6



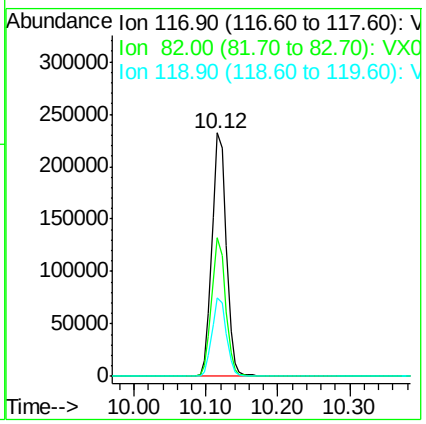


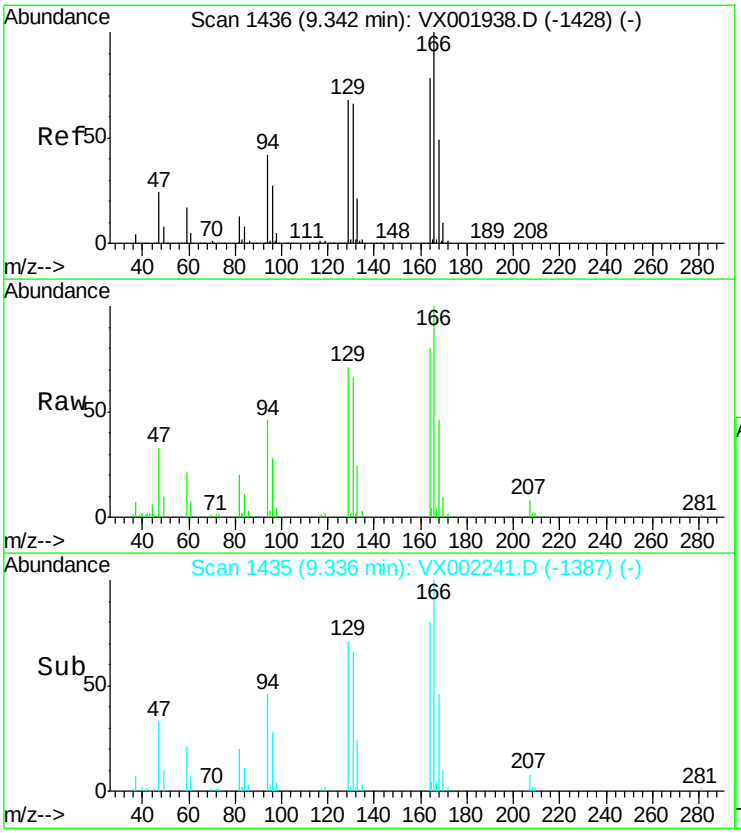
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument : MSVOA_X
ClientSampleId : DUP-0463-180522

Tgt Ion:117 Resp: 319888

Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.8	67.2
119	32.4	25.5	38.3

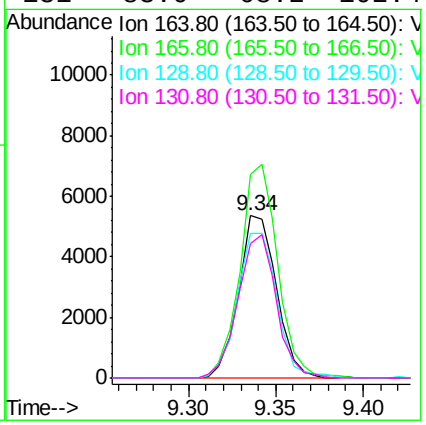


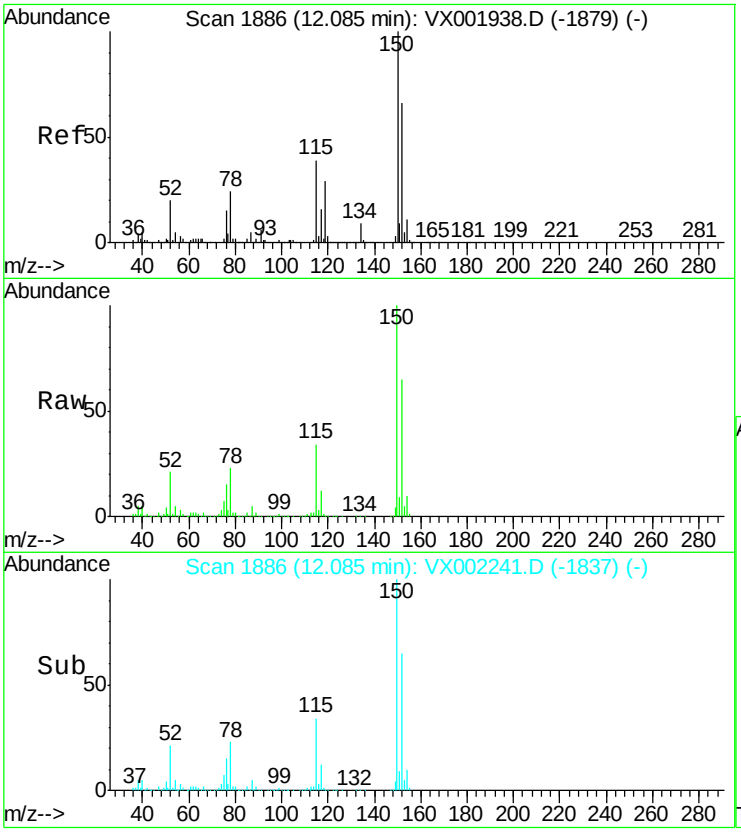


#64
Tetrachloroethene
Concen: 1.76 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion:164 Resp: 8091

Ion	Ratio	Lower	Upper
164	100		
166	125.2	102.7	154.1
129	88.9	70.3	105.5
131	83.0	68.2	102.4



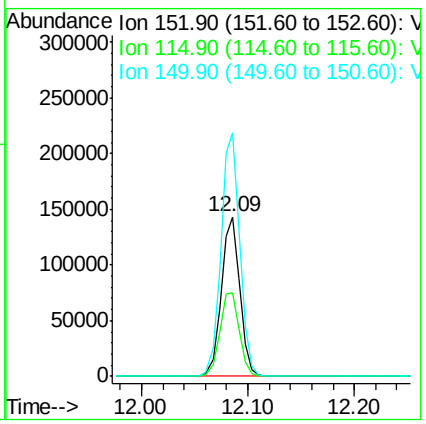


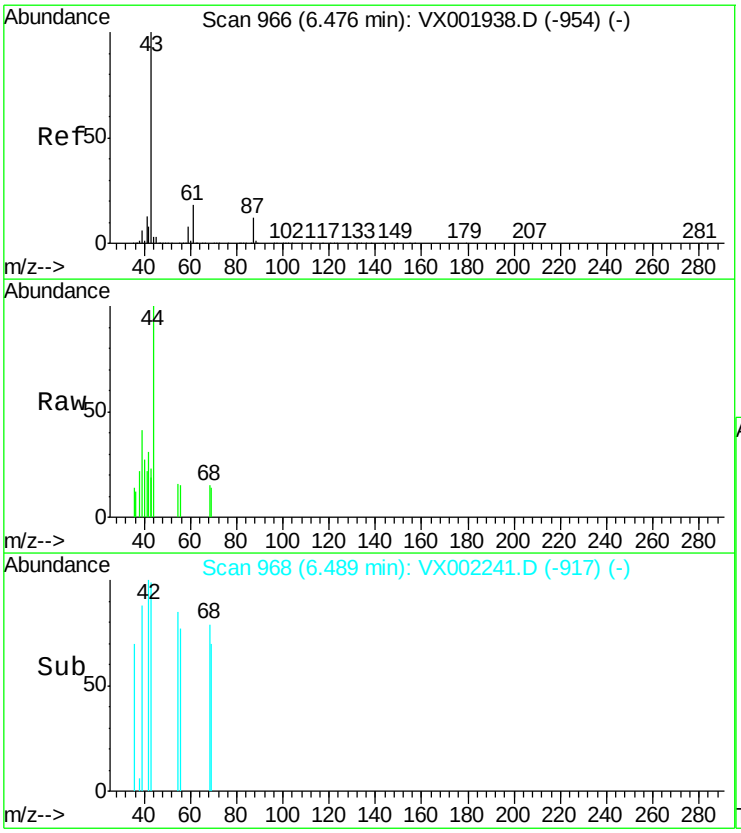
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument : MSVOA_X
ClientSampleId : DUP-0463-180522

Tgt Ion:152 Resp: 173062

Ion	Ratio	Lower	Upper
152	100		
115	55.4	42.3	126.8
150	155.3	0.0	351.0

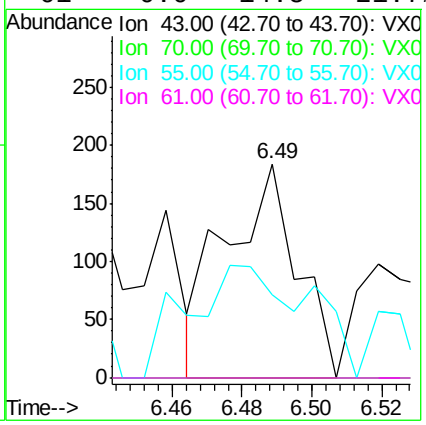


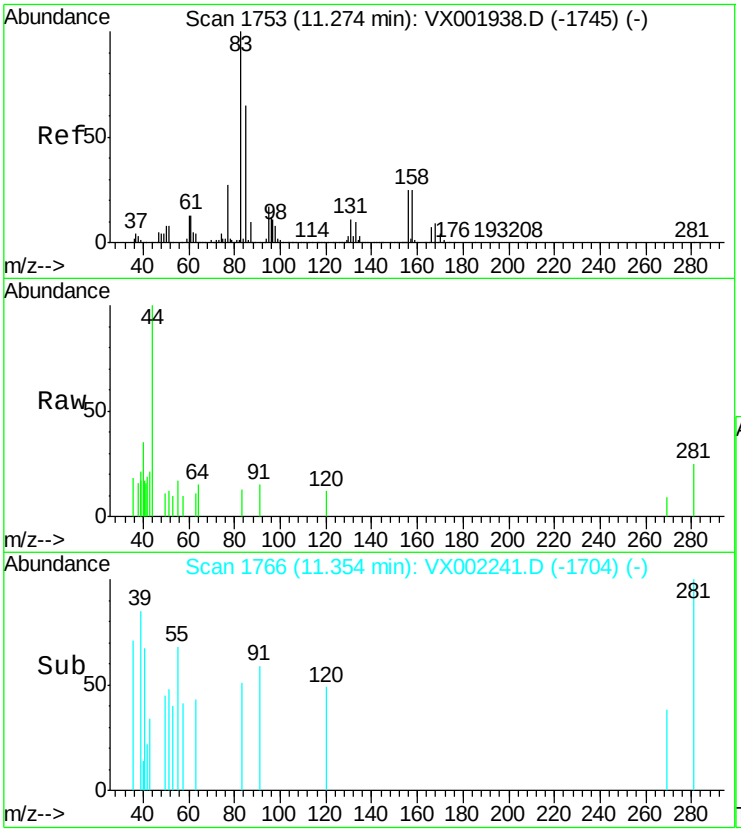


#74
N-amyl acetate
Concen: Below Cal
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 43 Resp: 261

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	89.3	0.1	0.1#
61	0.0	14.5	21.7#



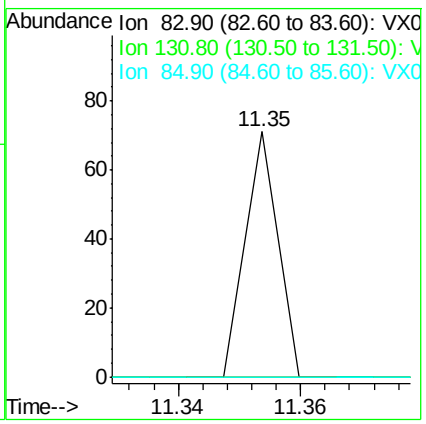


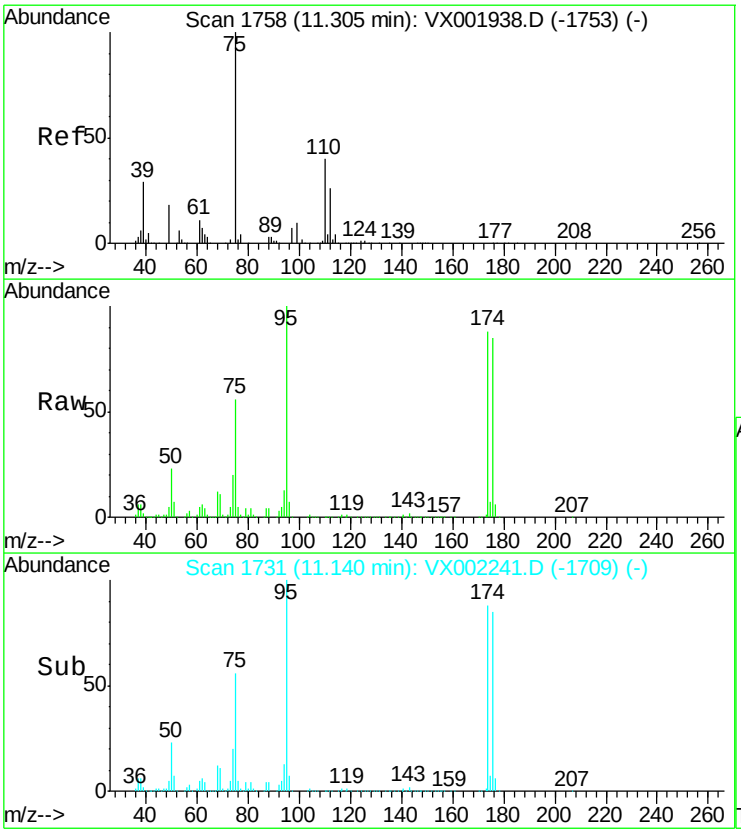
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.35 min Scan# 1766
Delta R.T. 0.08 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument : MSVOA_X
ClientSampleId : DUP-0463-180522

Tgt Ion: 83 Resp: 26

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	0.0	32.6	97.7#

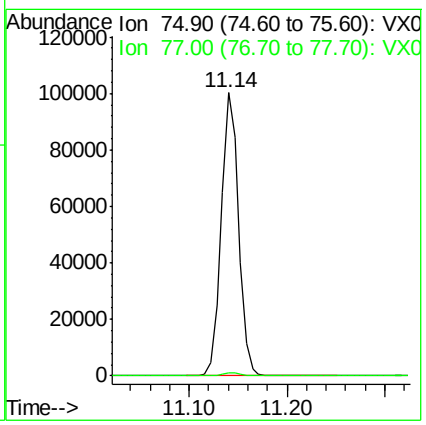


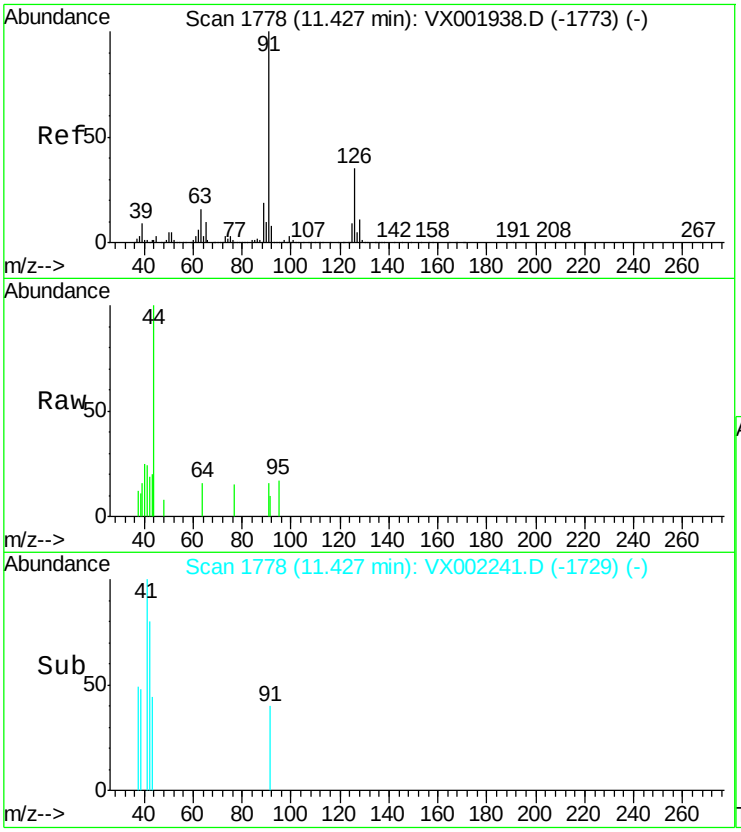


#76
1,2,3-Trichloropropane
Concen: 29.67 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 75 Resp: 123350

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#



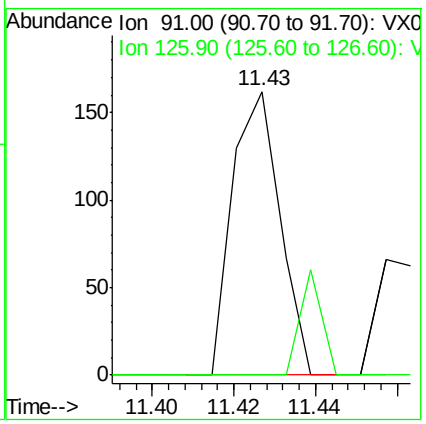


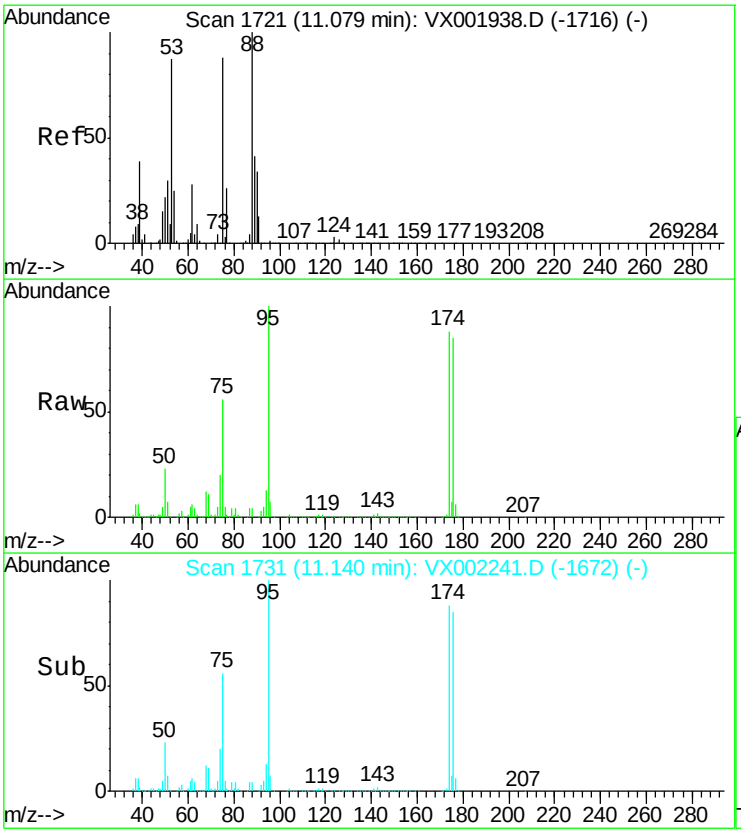
#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Instrument : MSVOA_X
ClientSampleId : DUP-0463-180522

Tgt Ion: 91 Resp: 131

Ion	Ratio	Lower	Upper
91	100		
126	16.8	17.4	52.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002241.D
Acq: 02 Jun 2018 16:03

Tgt Ion: 75 Resp: 123350

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.0	117.0#
89	0.0	39.4	59.2#