Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043019\
Data File : VX009244.D
Acq On : 30 Apr 2019 14:30
Operator : JC/SP
Sample : K2594-13 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0514-190423

Quant Time: May 01 01:22:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	139601	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.28%			
35) Dibromofluoromethane	5.50	113	101763	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.90%			
50) Toluene-d8	8.71	98	431284	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.62%			
62) 4-Bromofluorobenzene	11.13	95	144753	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.02%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	561	0.359	ug/l	96
6) Chloroethane	1.80	64	3310	1.978	ug/l #	43
10) Methyl Iodide	2.51	142	135	4.647	ug/l #	42
11) Tert butyl alcohol	3.02	59	332	0.495	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	841	0.422	ug/l	92
13) Acrolein	2.28	56	136	0.224	ug/l #	61
14) Allyl chloride	2.71	41	2176	0.448	ug/l #	63
16) Acetone	2.45	43	584	0.375	ug/l #	87
21) trans-1,2-Dichloroethene	3.17	96	931	0.431	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	18366	7.118	ug/l	90
28) Bromochloromethane	5.01	49	102	Below Cal	#	20
31) Cyclohexane	5.66	56	4630	1.080	ug/l #	1
32) 1,1,1-Trichloroethane	5.50	97	2517	0.725	ug/l #	48
36) 1,1-Dichloropropene	5.66	75	16152	5.095	ug/l #	47
38) Carbon Tetrachloride	5.66	117	20063	6.965	ug/l #	17
42) 1,2-Dichloroethane	6.20	62	870	0.247	ug/l	83
44) Trichloroethene	7.21	130	3103	1.308	ug/l	91
55) 1,1,2-Trichloroethane	9.33	97	3237	1.330	ug/l #	1
60) Dibromochloromethane	9.33	129	364982	153.574	ug/l #	11
64) Tetrachloroethene	9.33	164	390659	187.310	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	74084	23.857	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	74084	61.041	ug/l #	10

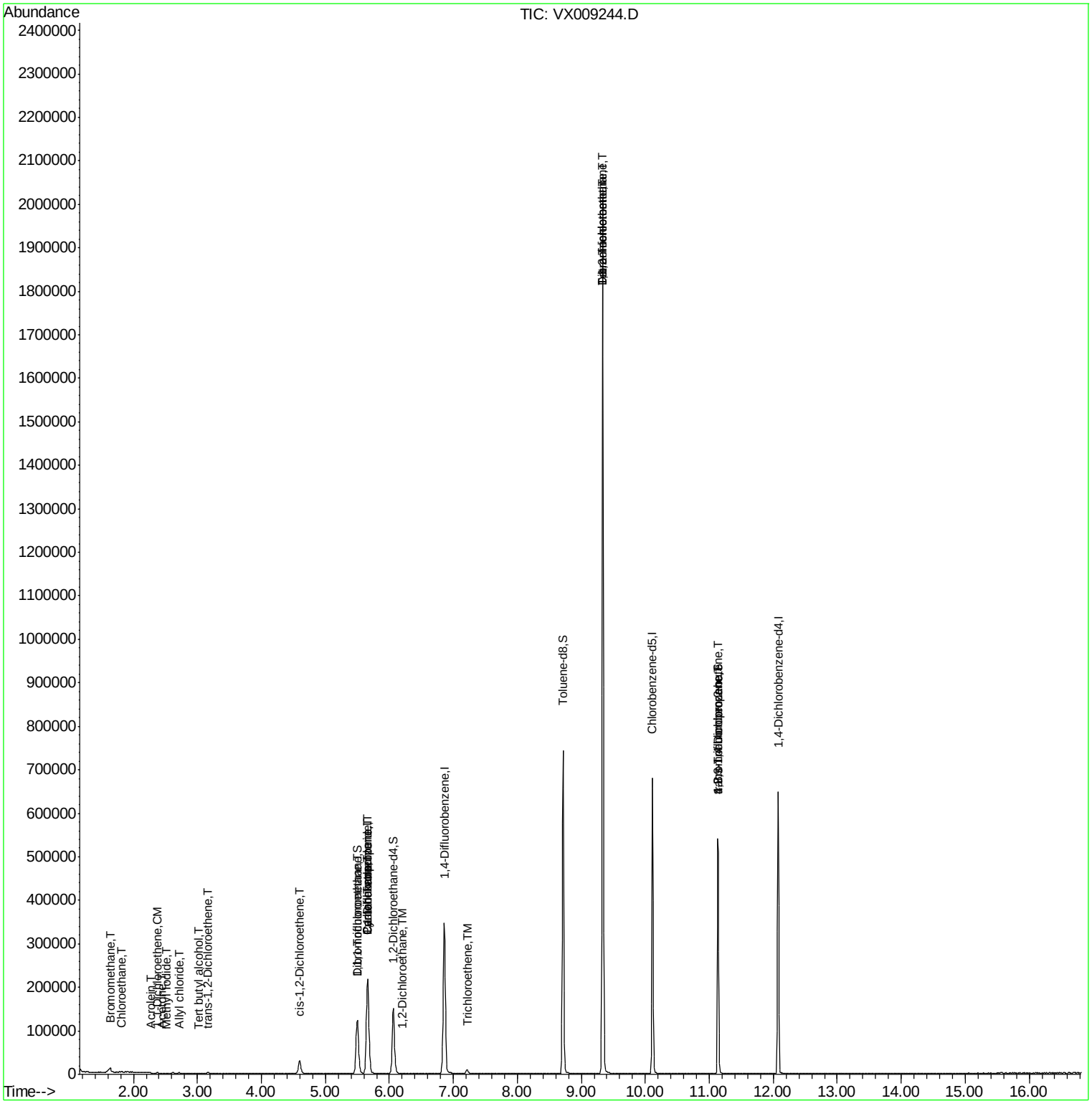
(#) = qualifier out of range (m) = manual integration (+) = signals summed

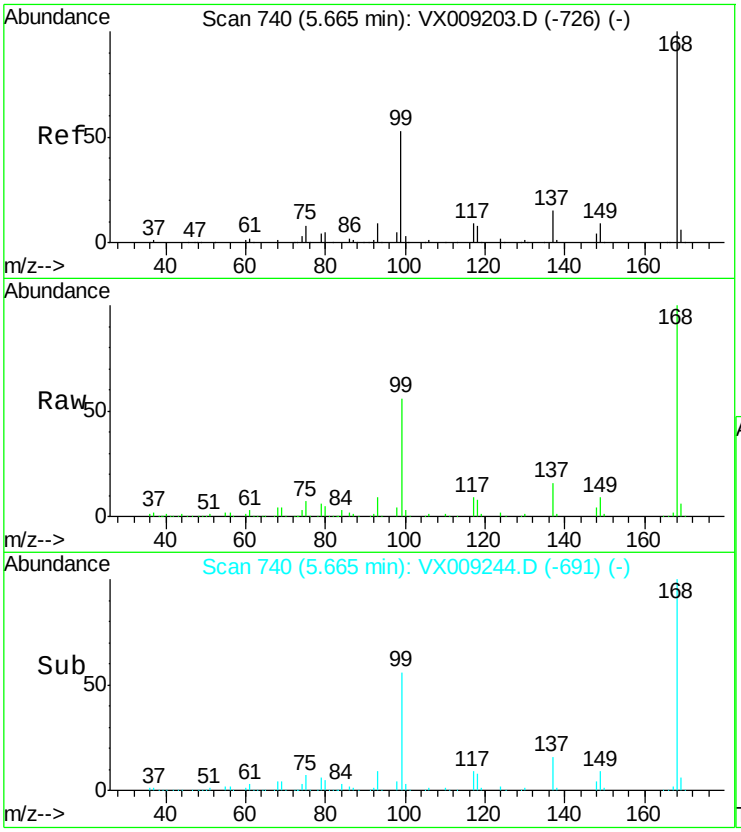
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043019\
Data File : VX009244.D
Acq On : 30 Apr 2019 14:30
Operator : JC/SP
Sample : K2594-13 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423

Quant Time: May 01 01:22:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration



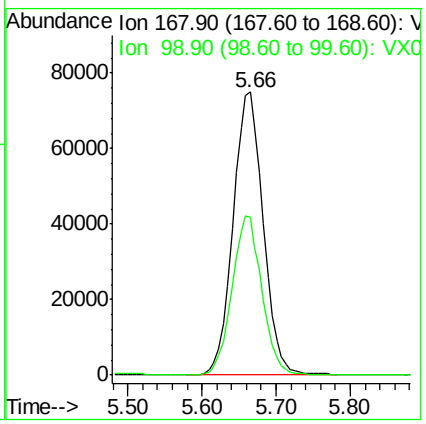


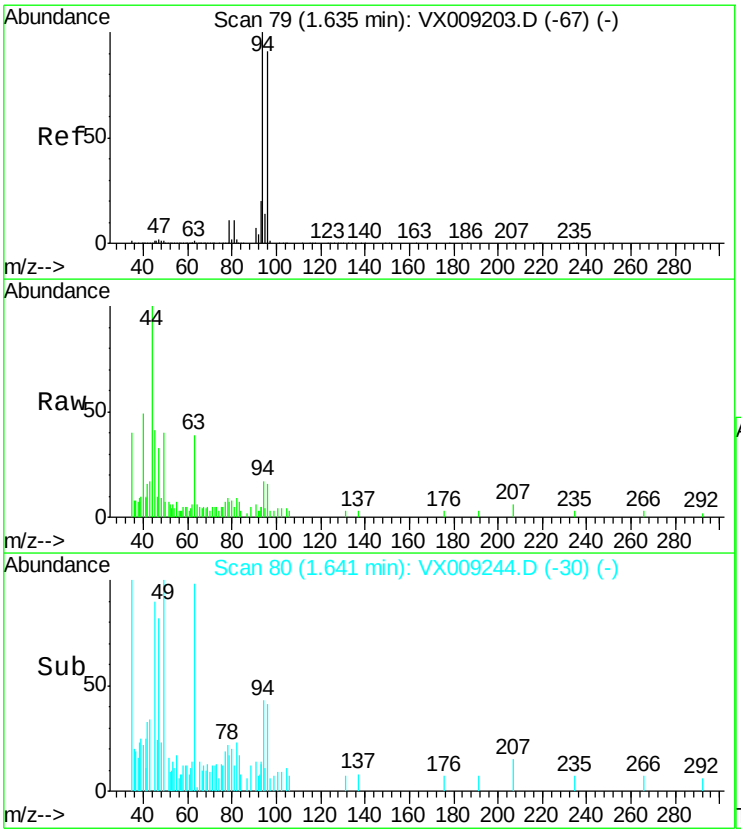
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423

Tgt Ion:168 Resp: 212440

Ion	Ratio	Lower	Upper
168	100		
99	56.0	42.3	63.5

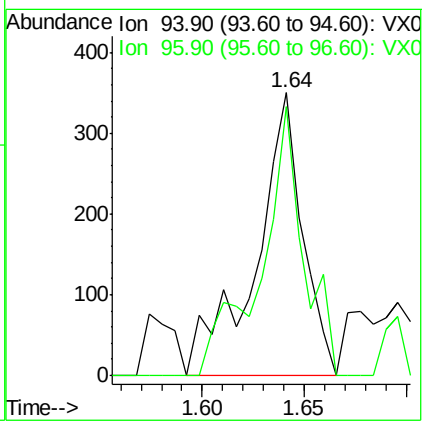


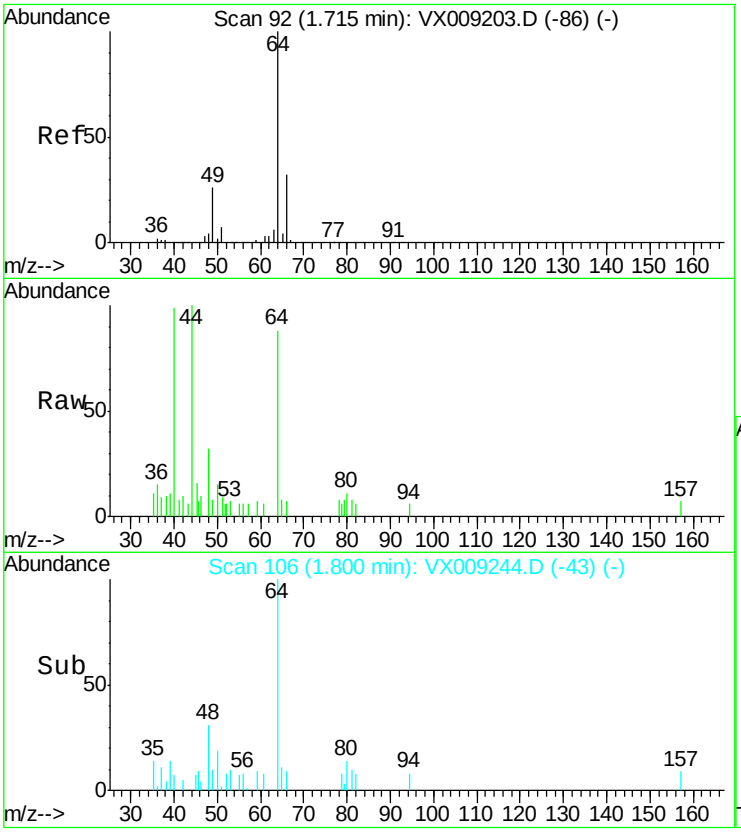


#5
Bromomethane
Concen: 0.359 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion: 94 Resp: 561

Ion	Ratio	Lower	Upper
94	100		
96	95.1	73.0	109.6



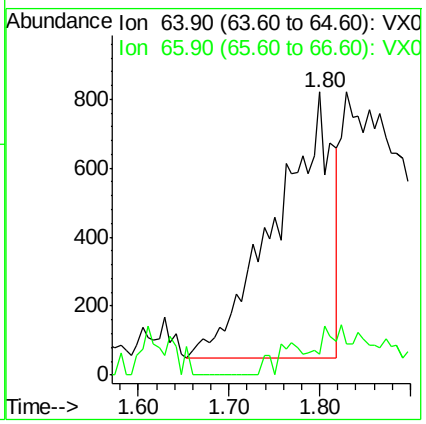


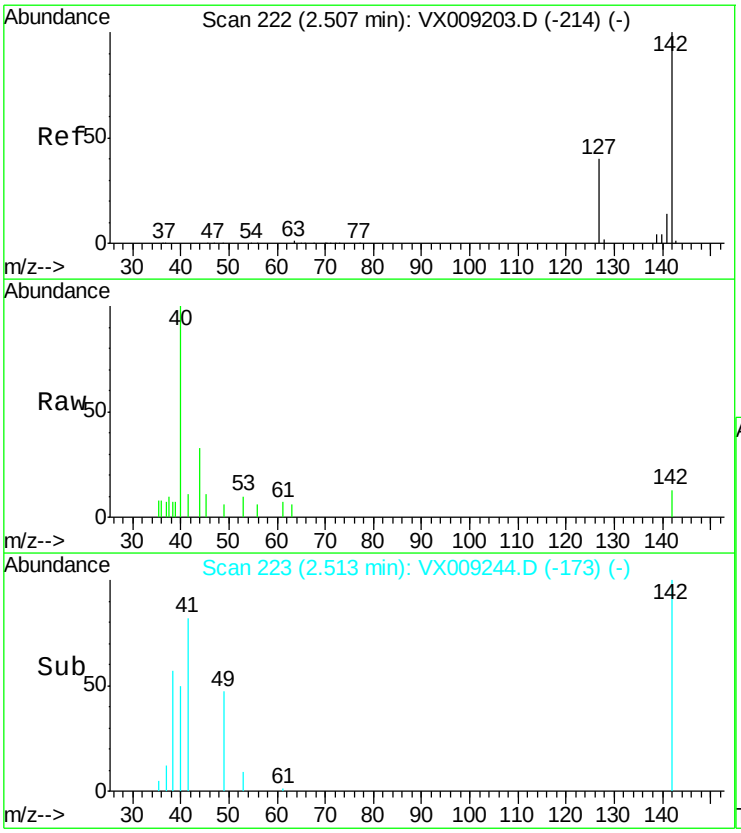
#6
Chloroethane
Concen: 1.978 ug/l
RT: 1.80 min Scan# 106
Delta R.T. 0.09 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423

Tgt Ion: 64 Resp: 3310

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#

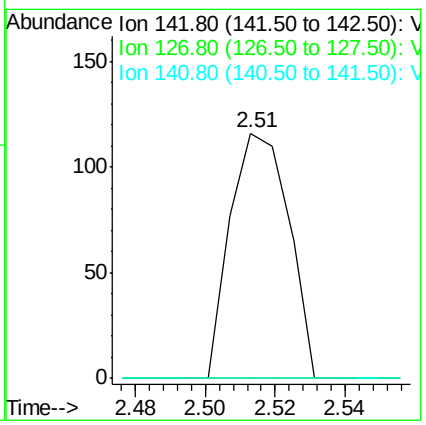


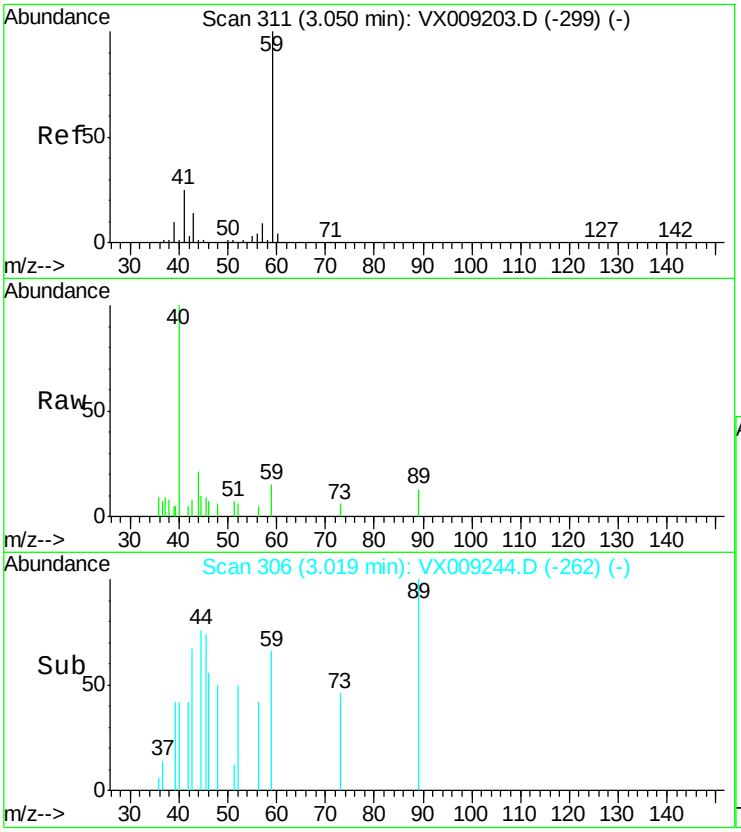


#10
Methyl Iodide
Concen: 4.647 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion:142 Resp: 135

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.7	49.1#
141	0.0	11.5	17.3#



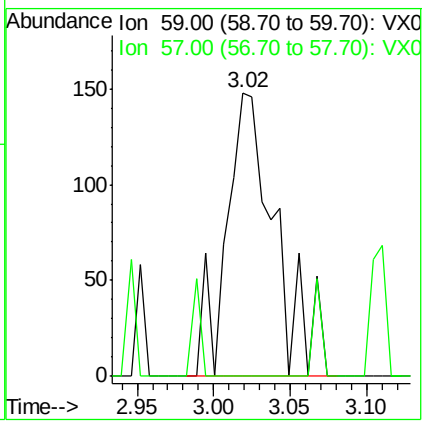


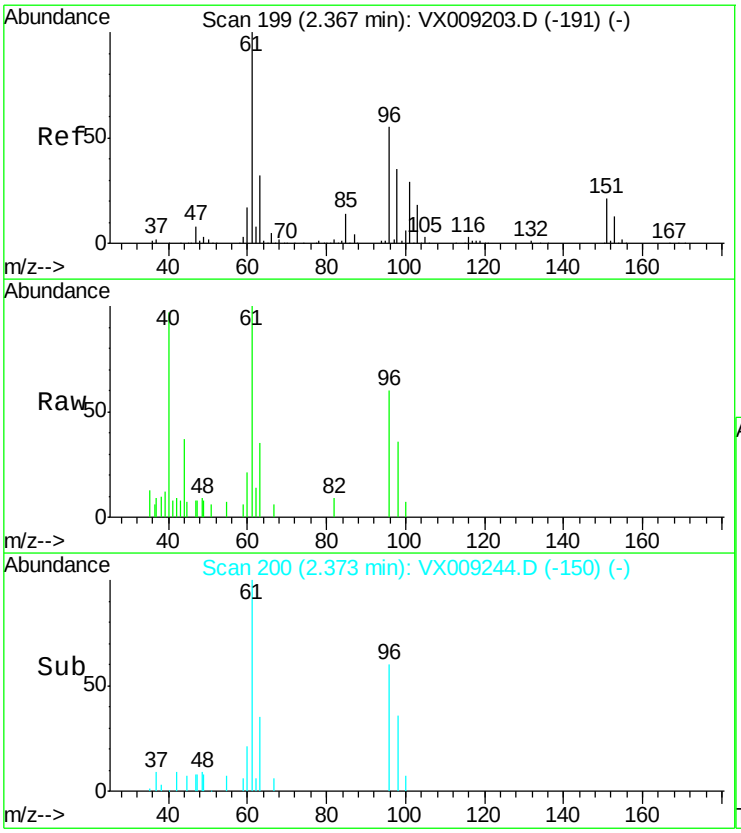
#11
Tert butyl alcohol
Concen: 0.495 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument : MSVOA_X
ClientSampleId : DUP-0514-190423

Tgt Ion: 59 Resp: 332

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

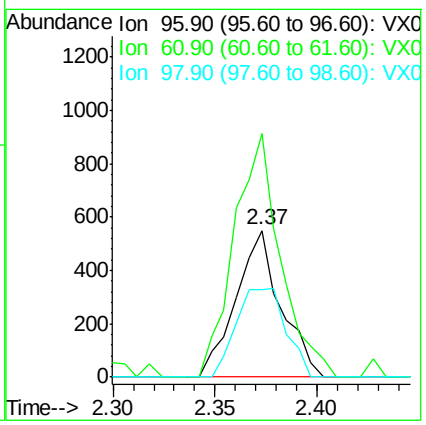


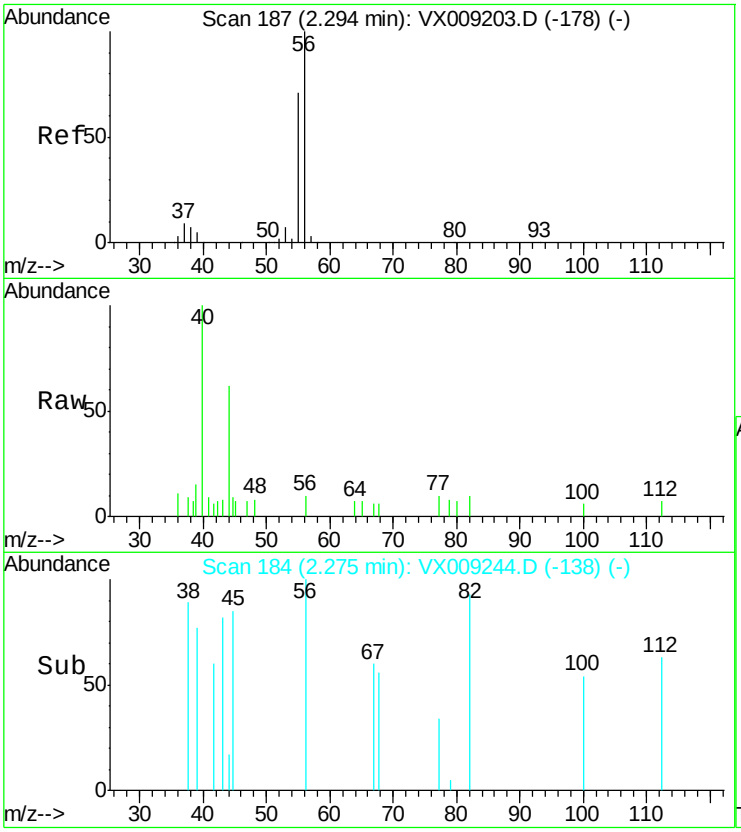


#12
1,1-Dichloroethene
Concen: 0.422 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion: 96 Resp: 841

Ion	Ratio	Lower	Upper
96	100		
61	166.3	144.3	216.5
98	59.7	50.3	75.5



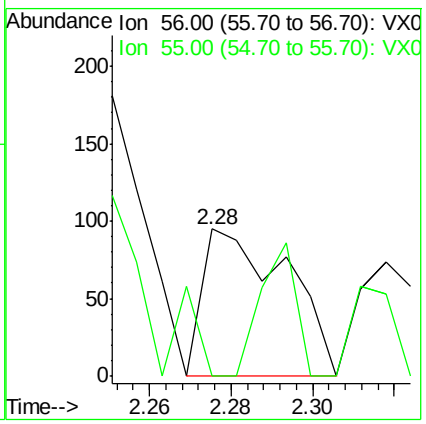


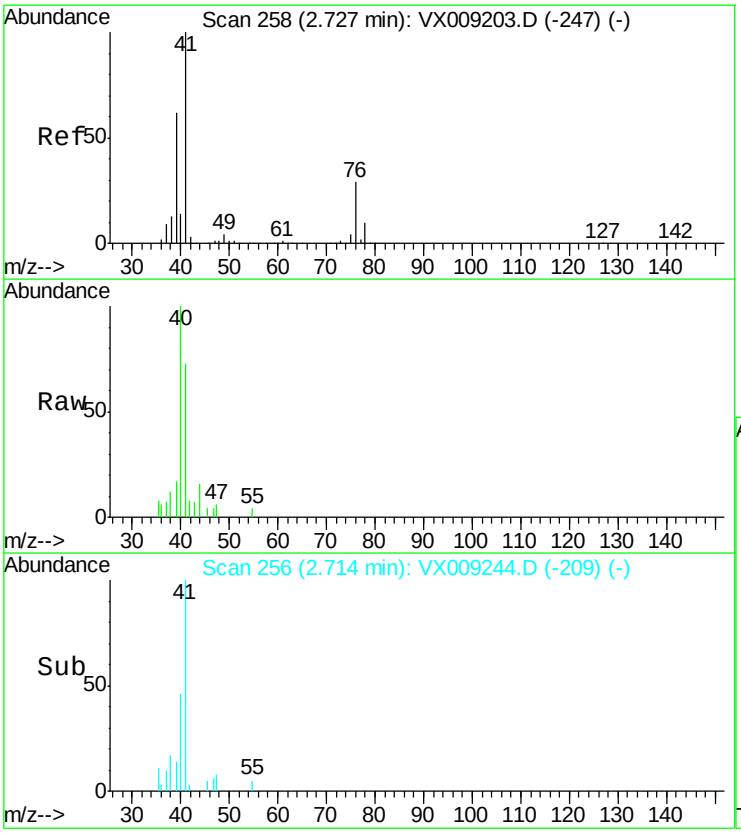
#13
Acrolein
Concen: 0.224 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument : MSVOA_X
ClientSampleId : DUP-0514-190423

Tgt Ion: 56 Resp: 136

Ion	Ratio	Lower	Upper
56	100		
55	38.2	56.6	85.0#

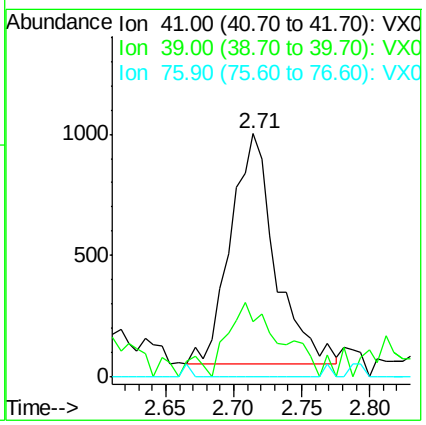


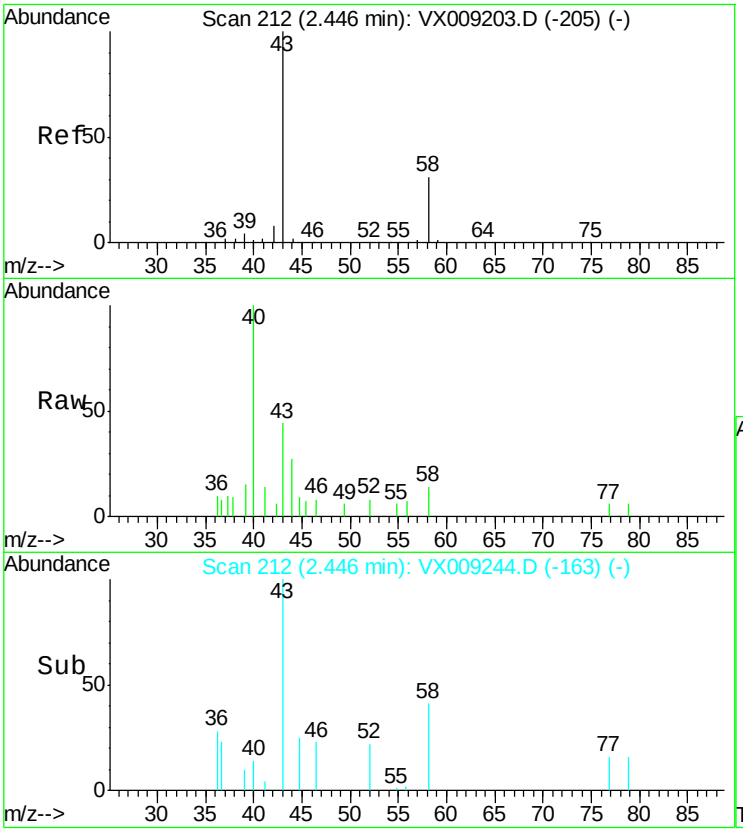


#14
Allyl chloride
Concen: 0.448 ug/l
RT: 2.71 min Scan# 256
Delta R.T. -0.01 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion: 41 Resp: 2176

Ion	Ratio	Lower	Upper
41	100		
39	36.5	46.7	70.1#
76	0.0	21.8	32.8#



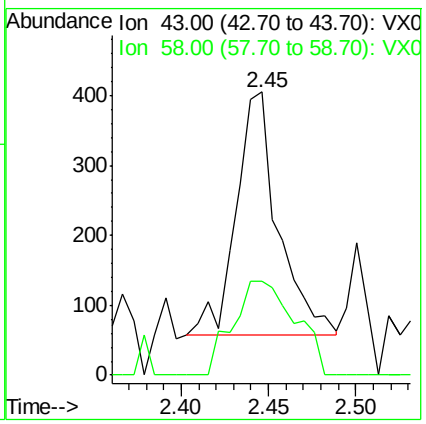


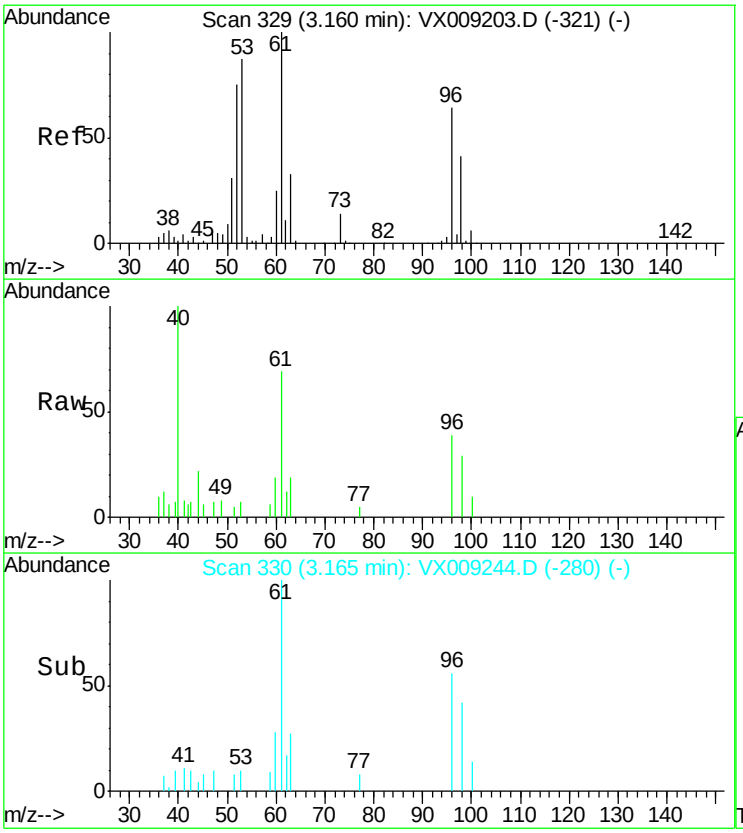
#16
Acetone
Concen: 0.375 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423

Tgt Ion: 43 Resp: 584

Ion	Ratio	Lower	Upper
43	100		
58	38.5	24.9	37.3#

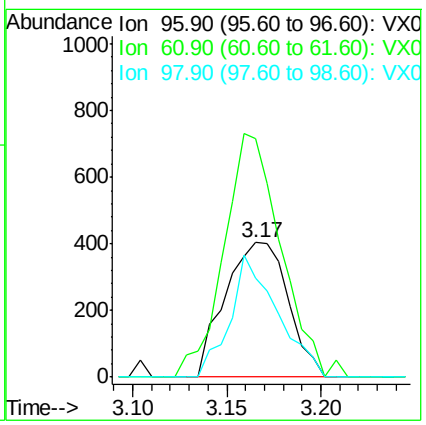


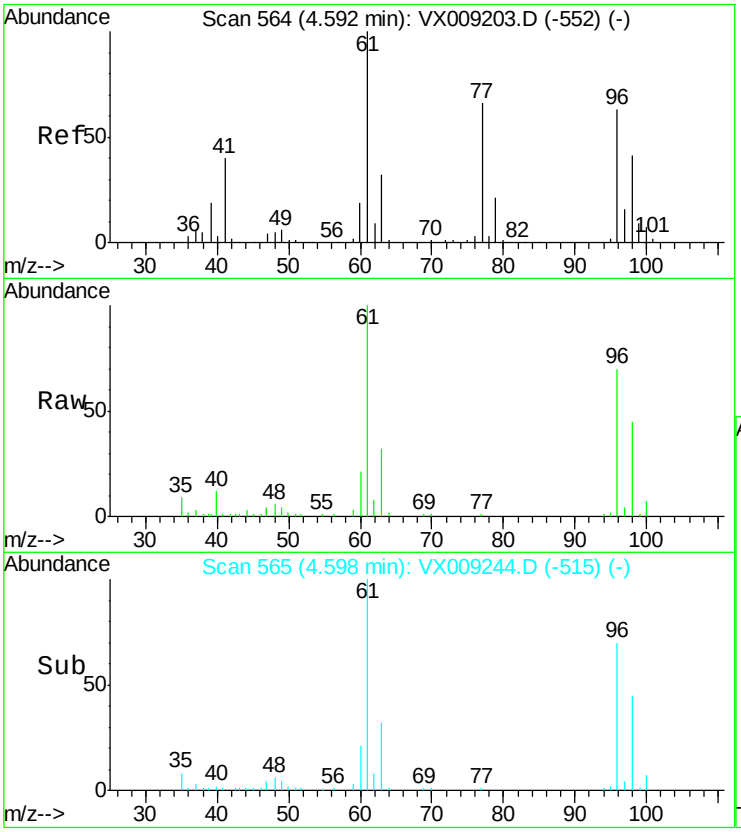


#21
trans-1,2-Dichloroethene
Concen: 0.431 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion: 96 Resp: 931

Ion	Ratio	Lower	Upper
96	100		
61	164.5	124.5	186.7
98	73.9	50.4	75.6



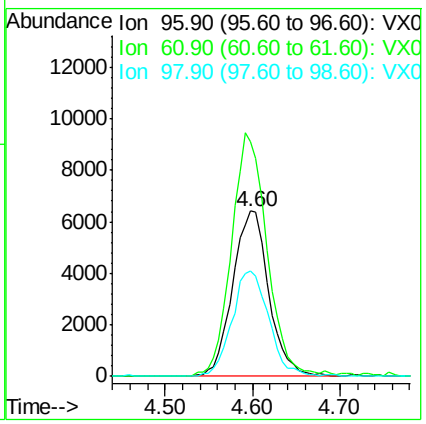


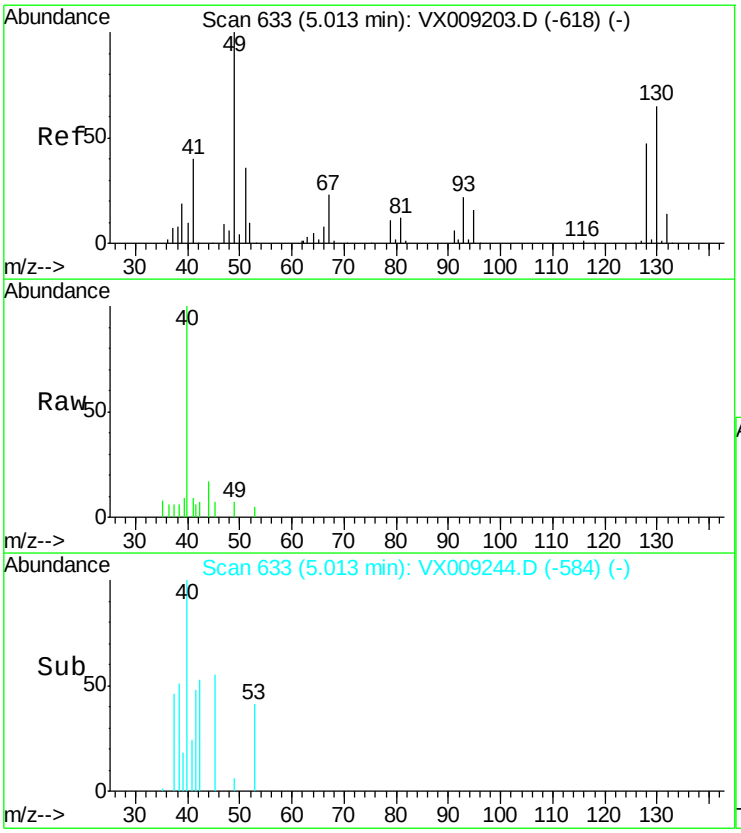
#27
cis-1,2-Dichloroethene
Concen: 7.118 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423

Tgt Ion: 96 Resp: 18366

Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	324.0
98	64.9	0.0	130.4

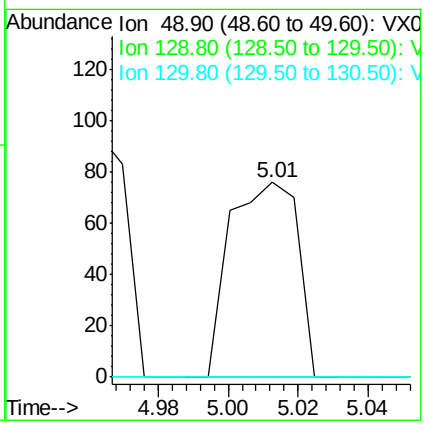


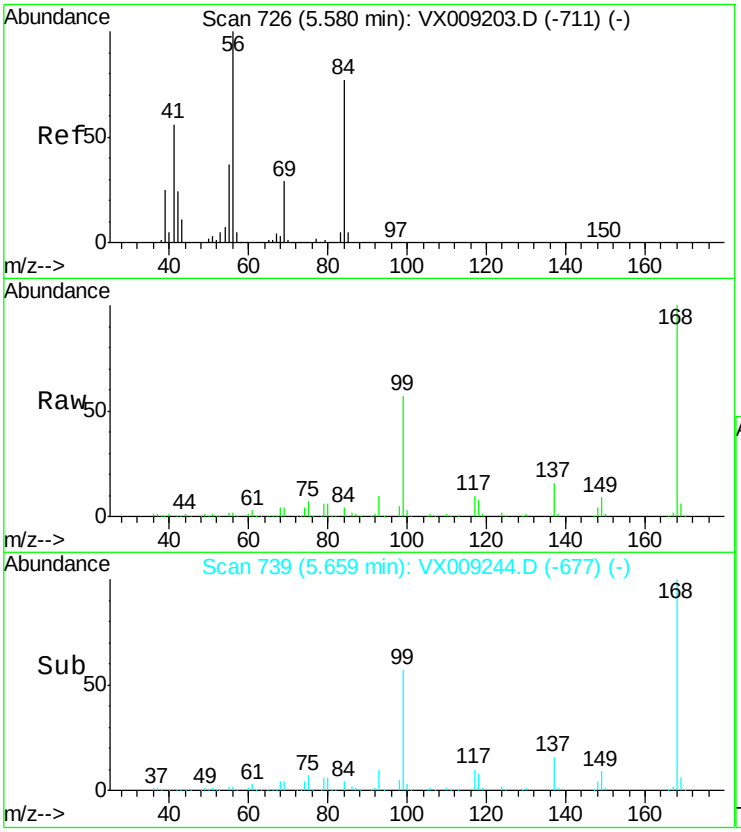


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion: 49 Resp: 102

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#



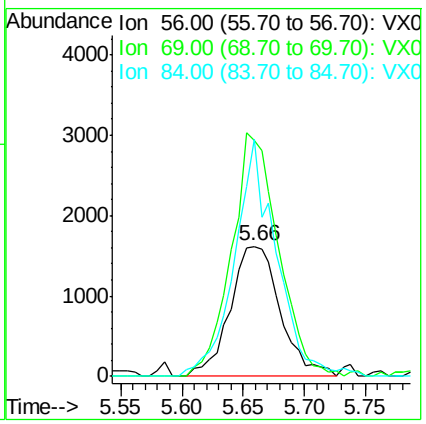


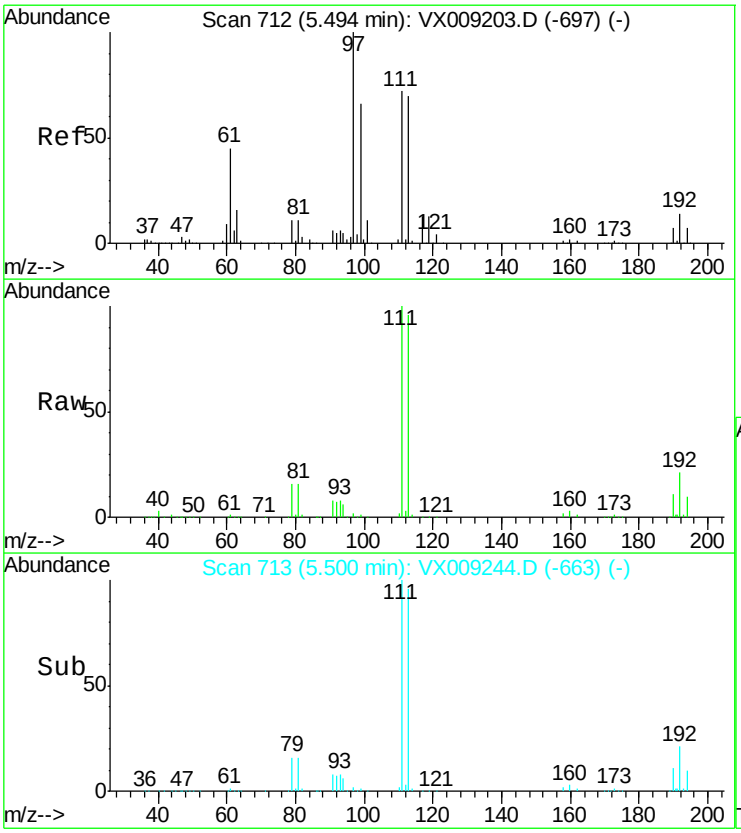
#31
Cyclohexane
Concen: 1.080 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument : MSVOA_X
ClientSampleId : DUP-0514-190423

Tgt Ion: 56 Resp: 4630

Ion	Ratio	Lower	Upper
56	100		
69	181.4	23.4	35.0#
84	177.5	61.9	92.9#

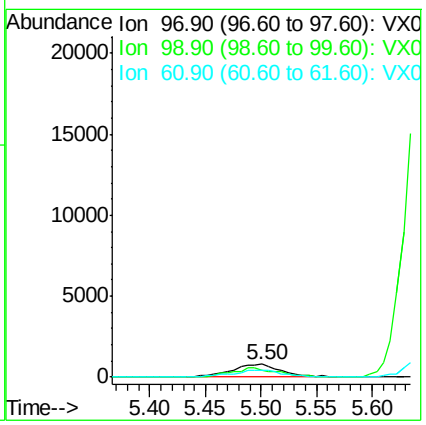


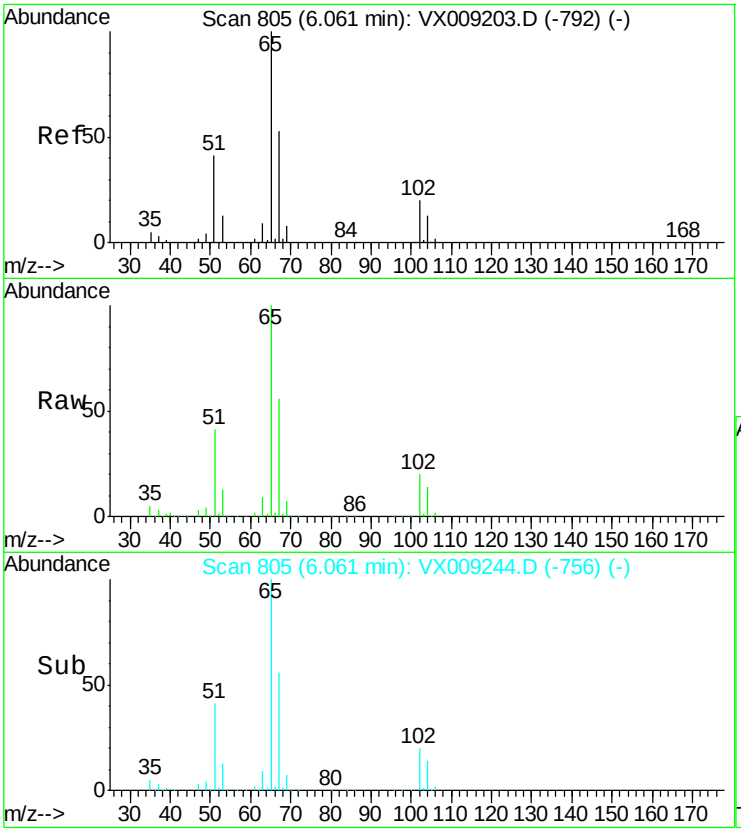


#32
1,1,1-Trichloroethane
Concen: 0.725 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion: 97 Resp: 2517

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.8#
61	54.2	37.8	56.8



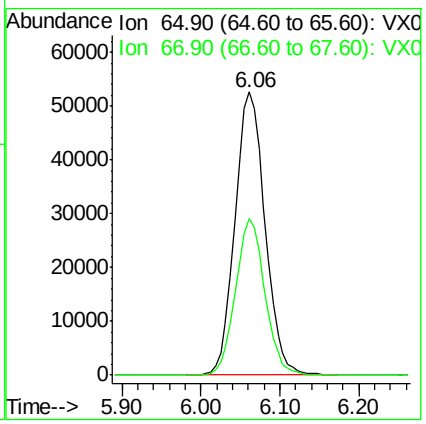


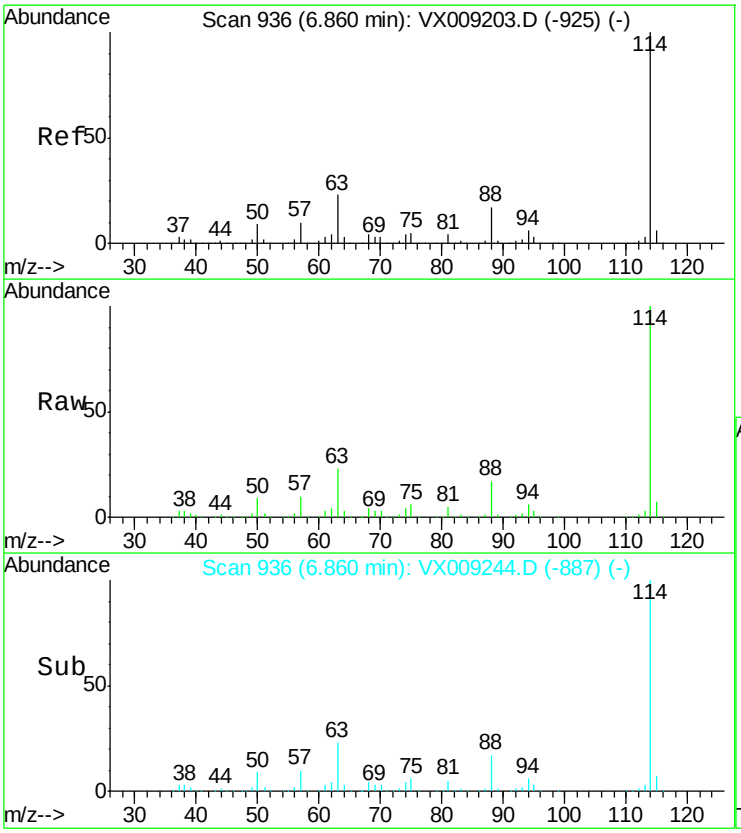
#33
1,2-Dichloroethane-d4
Concen: 48.137 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423

Tgt Ion: 65 Resp: 139601

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	106.6

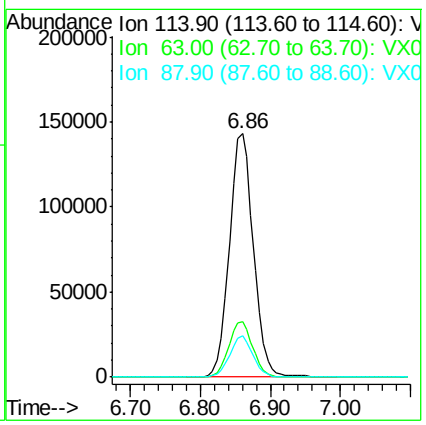


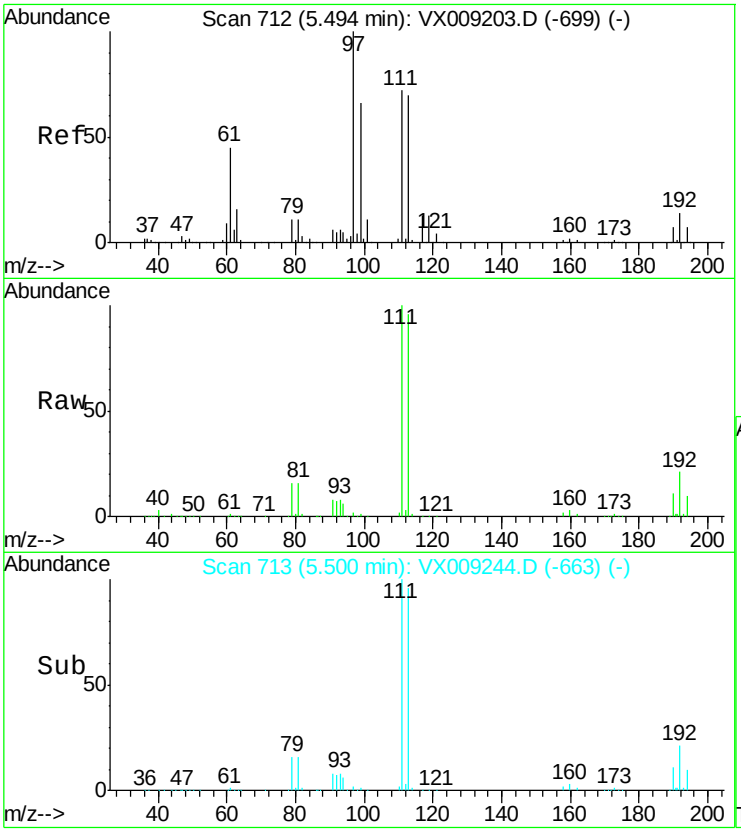


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion:114 Resp: 341160

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.6
88	16.9	0.0	33.2



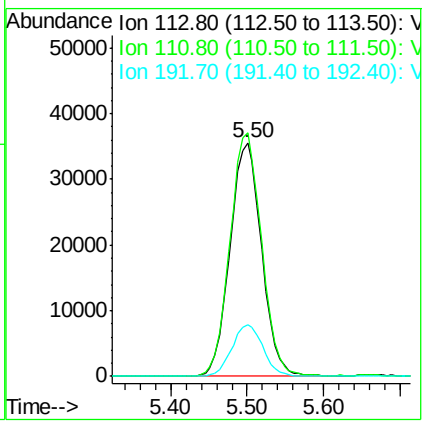


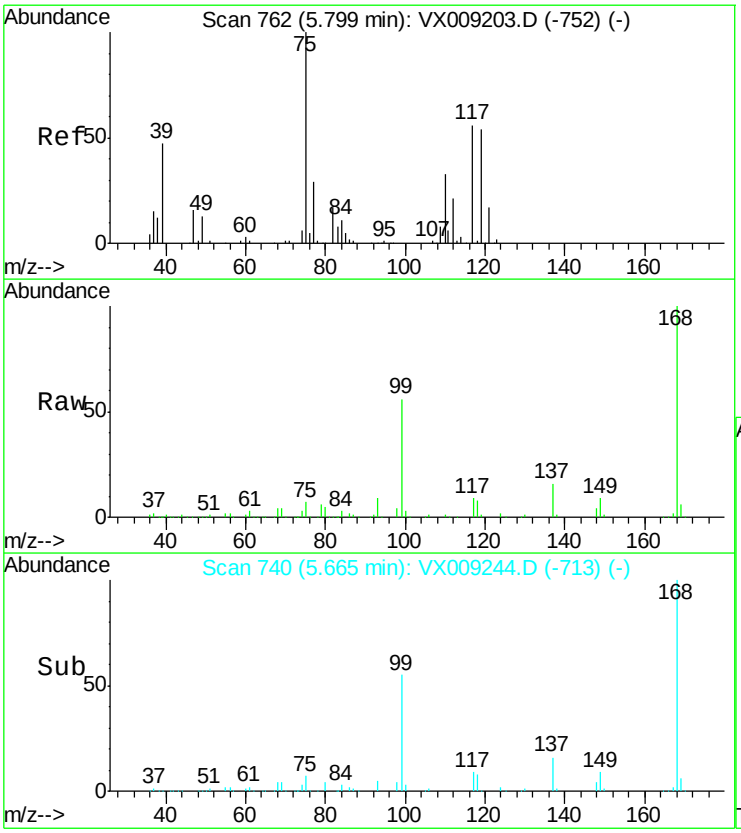
#35
Dibromofluoromethane
Concen: 47.449 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423

Tgt Ion:113 Resp: 101763

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.8	124.2
192	21.8	17.0	25.6

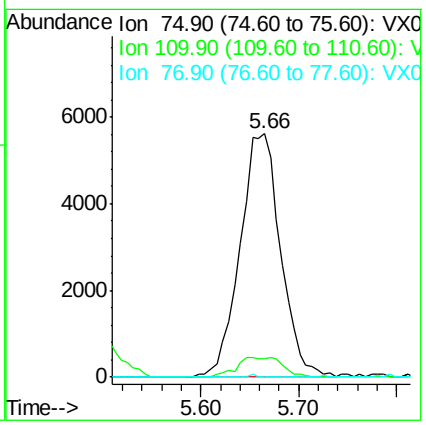


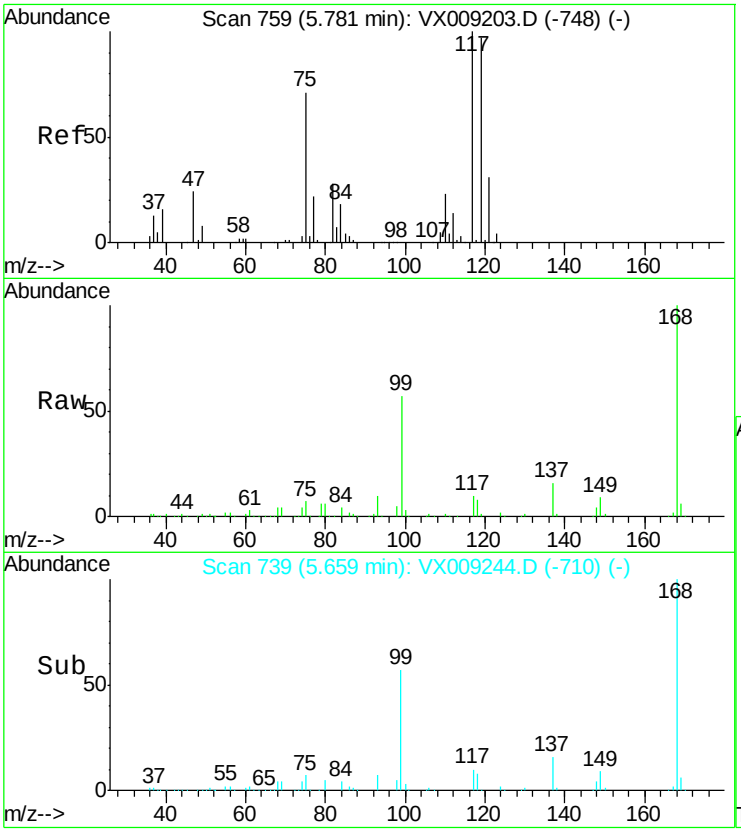


#36
1,1-Dichloropropene
Concen: 5.095 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion: 75 Resp: 16152

Ion	Ratio	Lower	Upper
75	100		
110	4.7	16.9	50.6#
77	0.1	24.8	37.2#



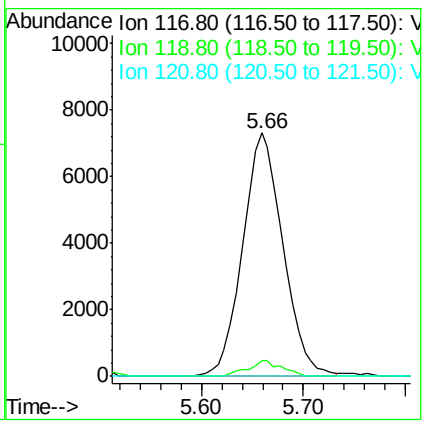


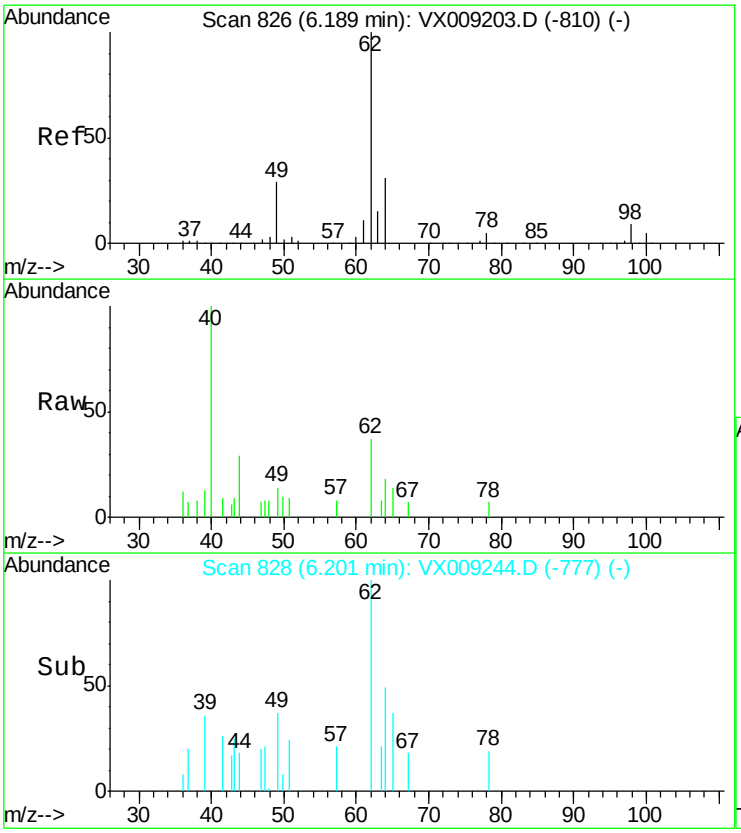
#38
Carbon Tetrachloride
Concen: 6.965 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument : MSVOA_X
ClientSampleId : DUP-0514-190423

Tgt Ion:117 Resp: 20063

Ion	Ratio	Lower	Upper
117	100		
119	6.5	77.5	116.3#
121	0.0	24.7	37.1#

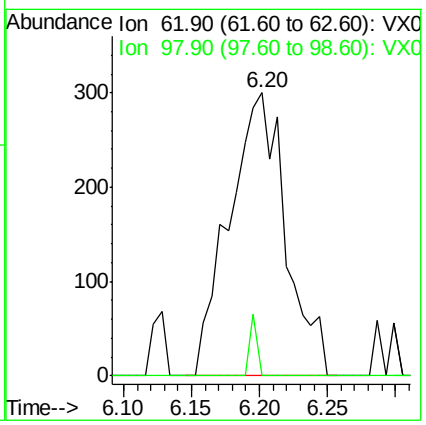


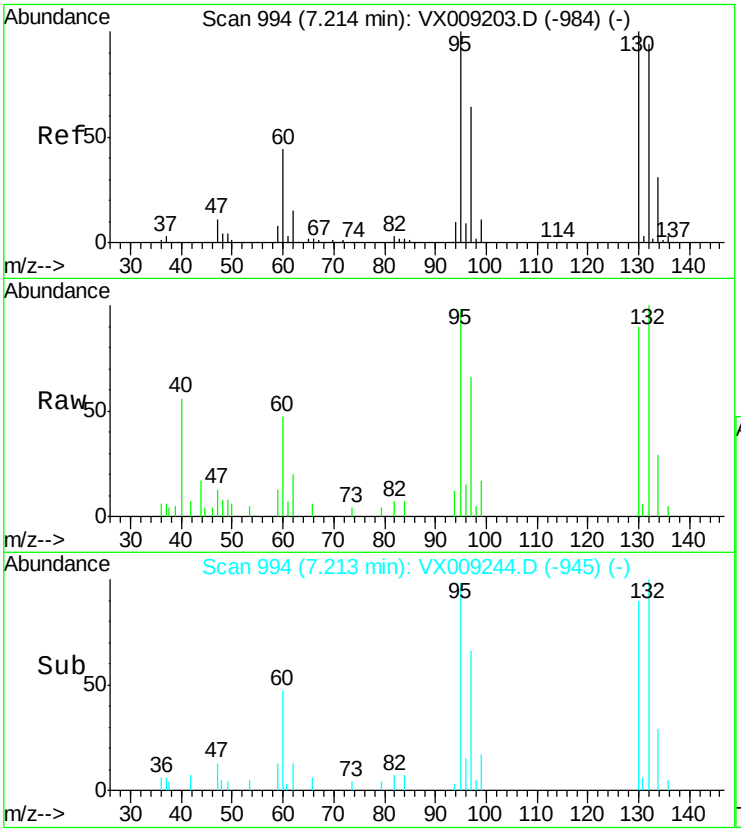


#42
1,2-Dichloroethane
Concen: 0.247 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion: 62 Resp: 870

Ion	Ratio	Lower	Upper
62	100		
98	2.8	0.0	18.2



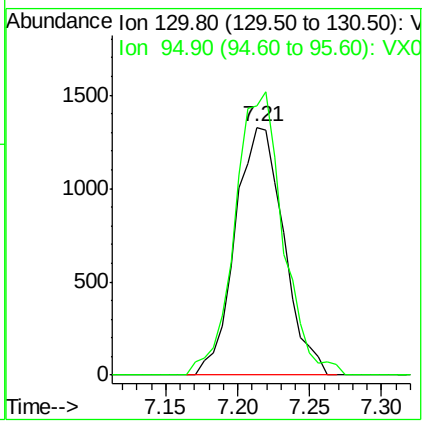


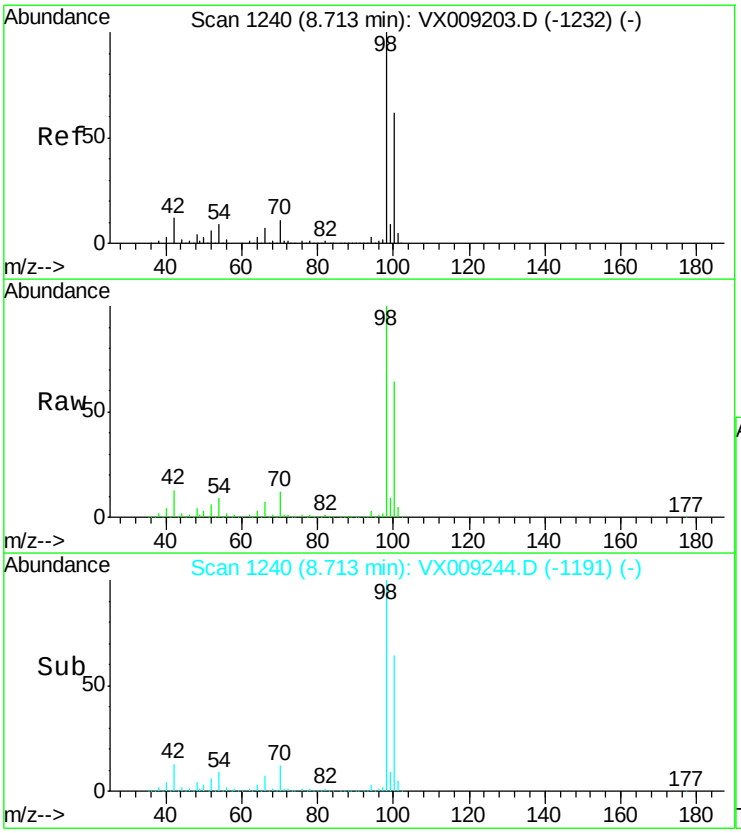
#44
Trichloroethene
Concen: 1.308 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423

Tgt Ion:130 Resp: 3103

Ion	Ratio	Lower	Upper
130	100		
95	108.4	0.0	199.2

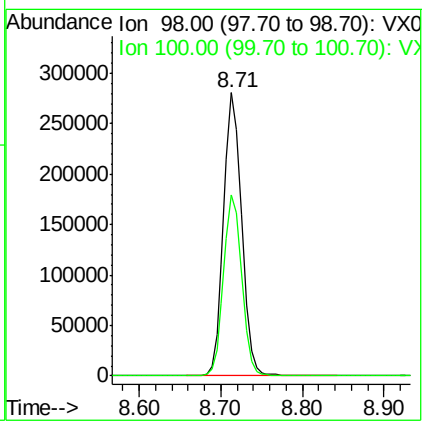


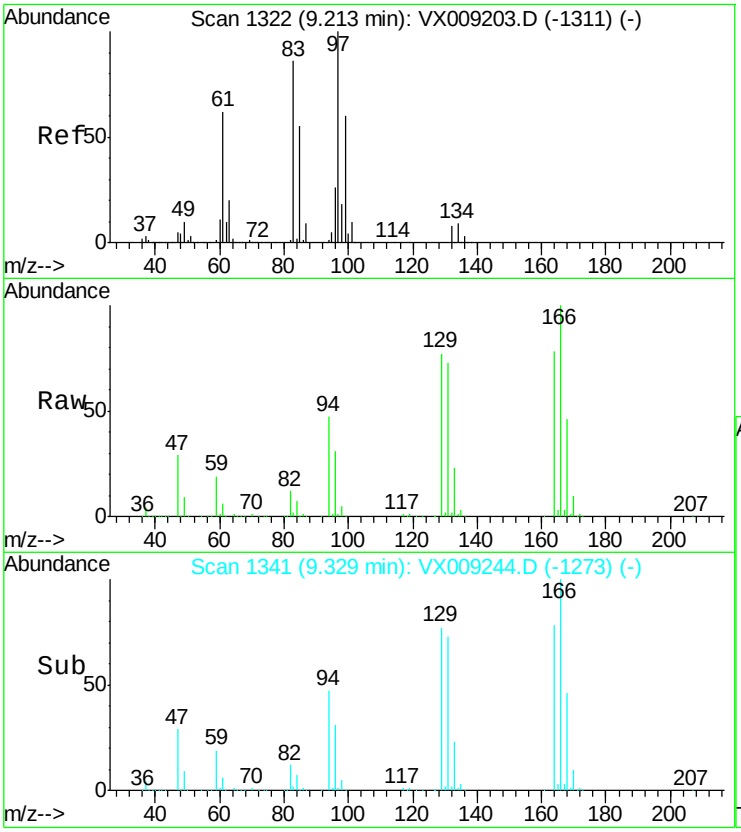


#50
Toluene-d8
Concen: 49.810 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion: 98 Resp: 431284

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8



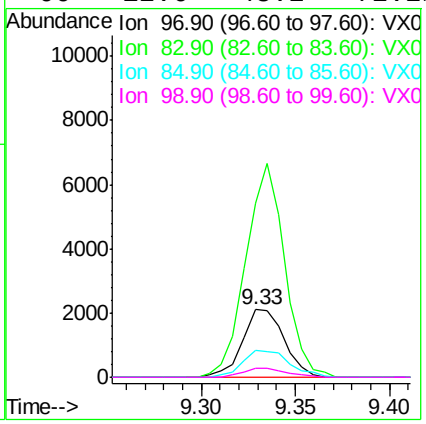


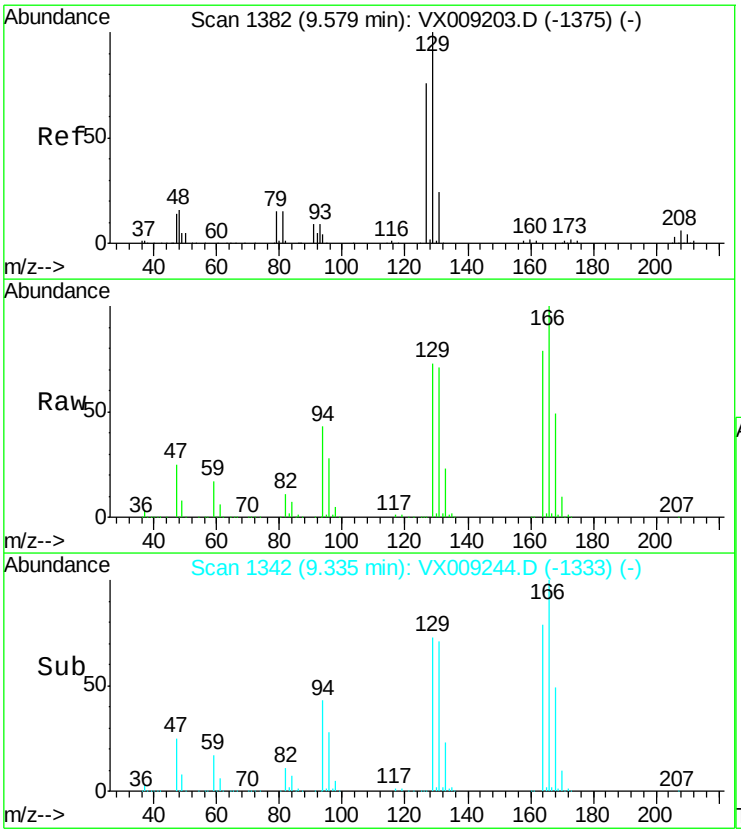
#55
1,1,2-Trichloroethane
Concen: 1.330 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.12 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423

Tgt Ion: 97 Resp: 3237

Ion	Ratio	Lower	Upper
97	100		
83	257.9	68.9	103.3#
85	39.4	43.8	65.6#
99	12.6	48.2	72.2#

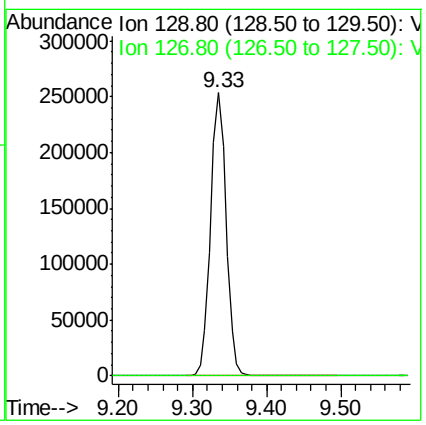


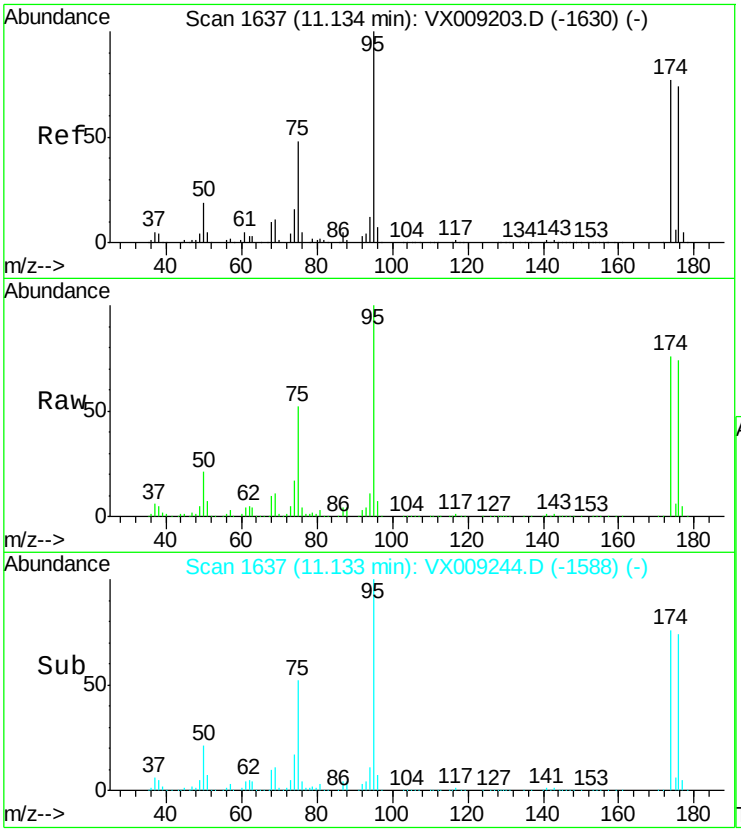


#60
Dibromochloromethane
Concen: 153.574 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion:129 Resp: 364982

Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.4	115.1#



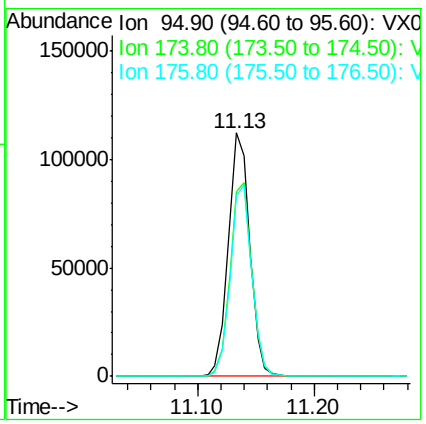


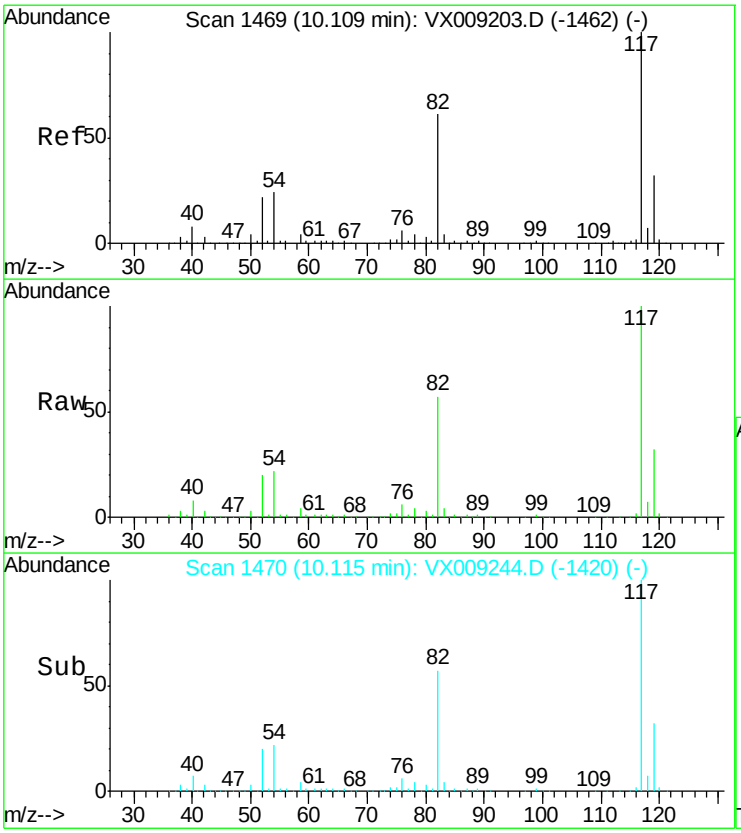
#62
4-Bromofluorobenzene
Concen: 46.009 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423

Tgt Ion: 95 Resp: 144753

Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	161.6
176	78.3	0.0	159.2

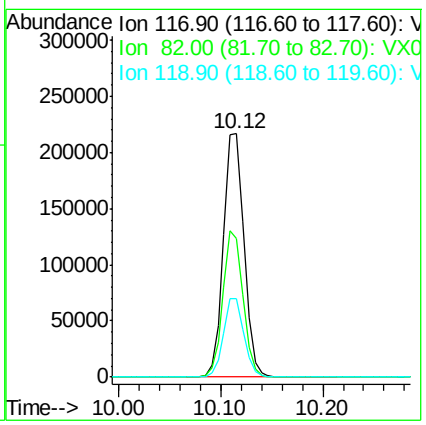


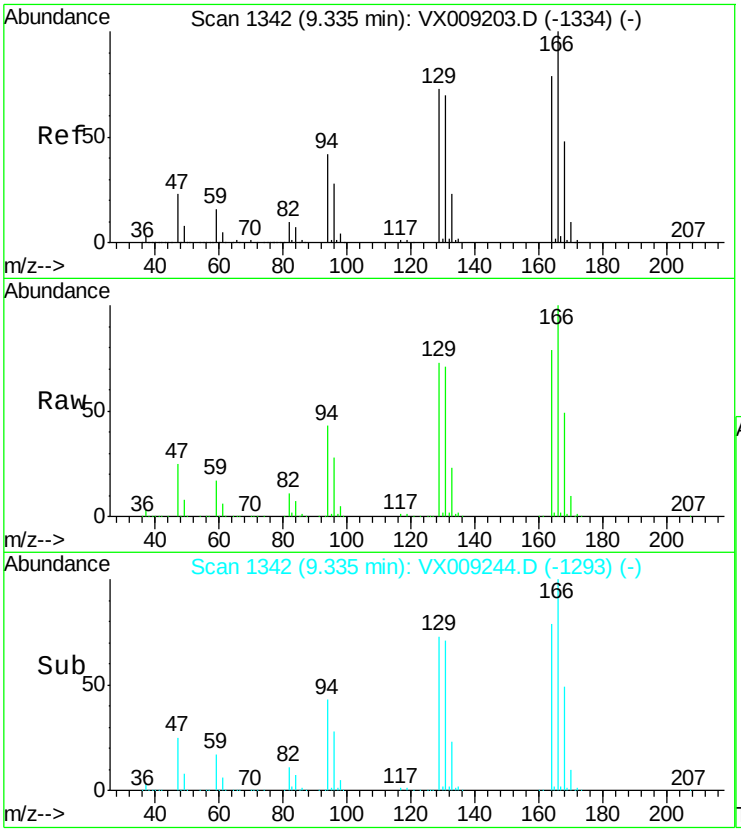


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion:117 Resp: 304047

Ion	Ratio	Lower	Upper
117	100		
82	57.1	48.8	73.2
119	32.0	25.8	38.6



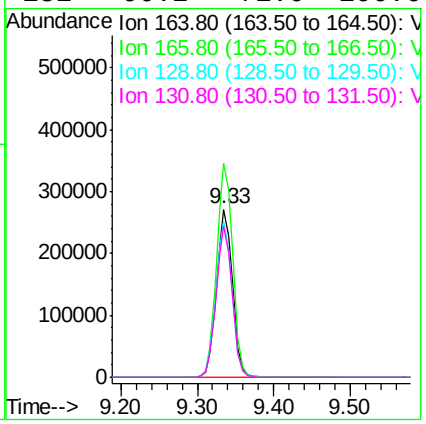


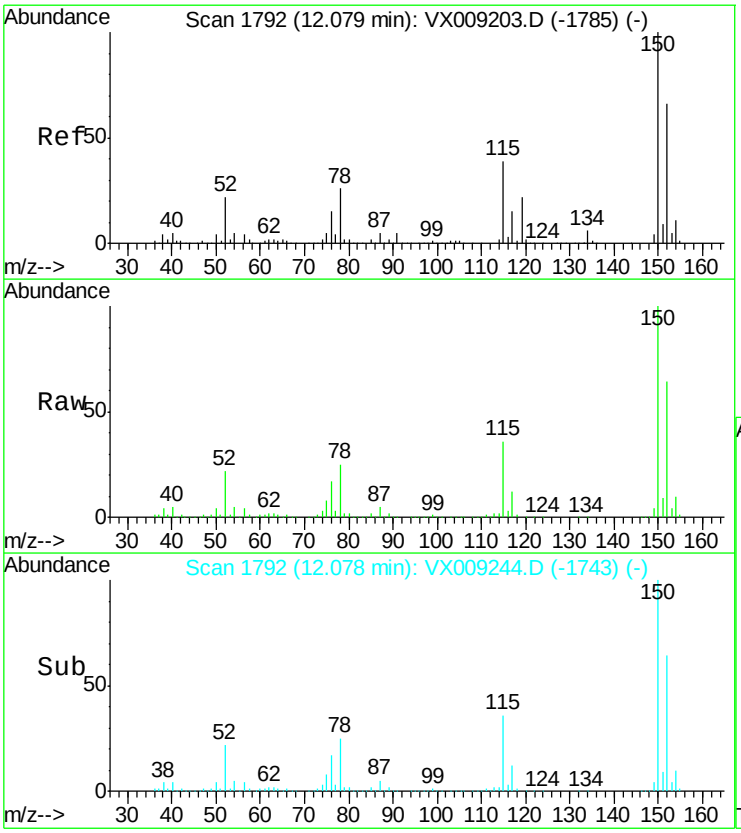
#64
Tetrachloroethene
Concen: 187.310 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument : MSVOA_X
ClientSampleId : DUP-0514-190423

Tgt Ion:164 Resp: 390659

Ion	Ratio	Lower	Upper
164	100		
166	127.3	101.2	151.8
129	93.4	74.3	111.5
131	90.2	71.0	106.6

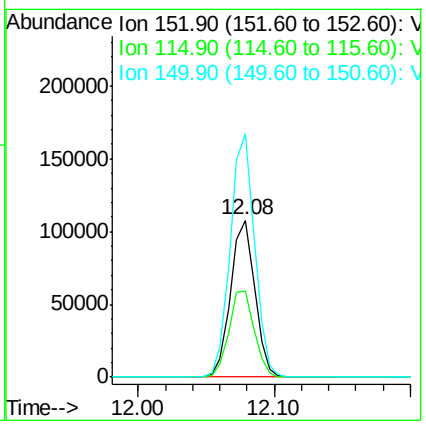


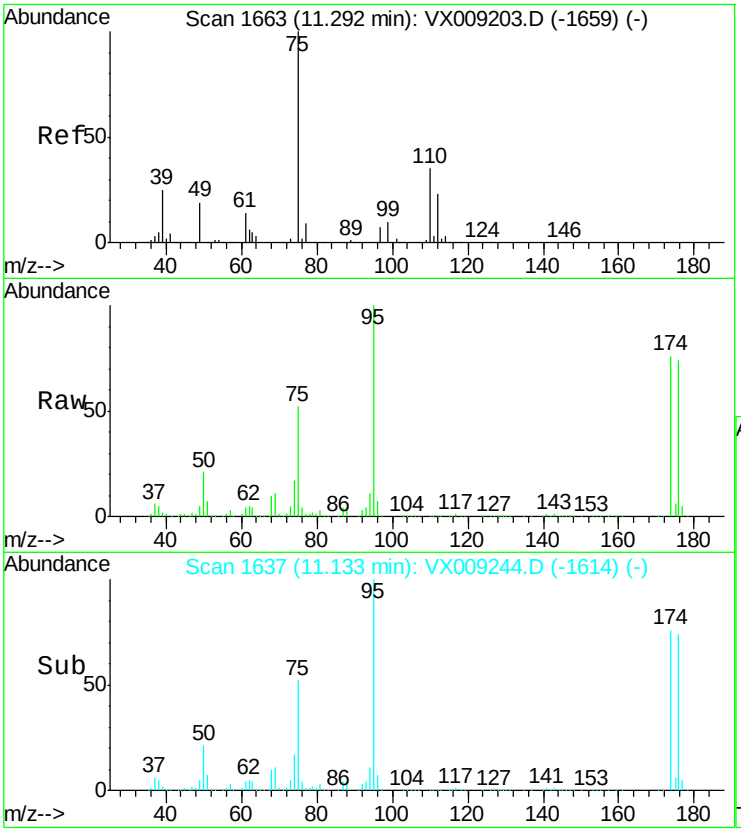


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion:152 Resp: 133872

Ion	Ratio	Lower	Upper
152	100		
115	57.7	41.2	123.6
150	155.3	0.0	346.4



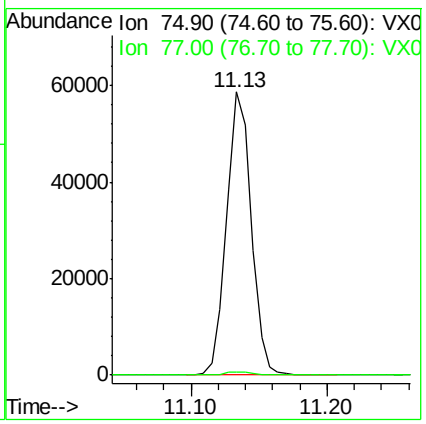


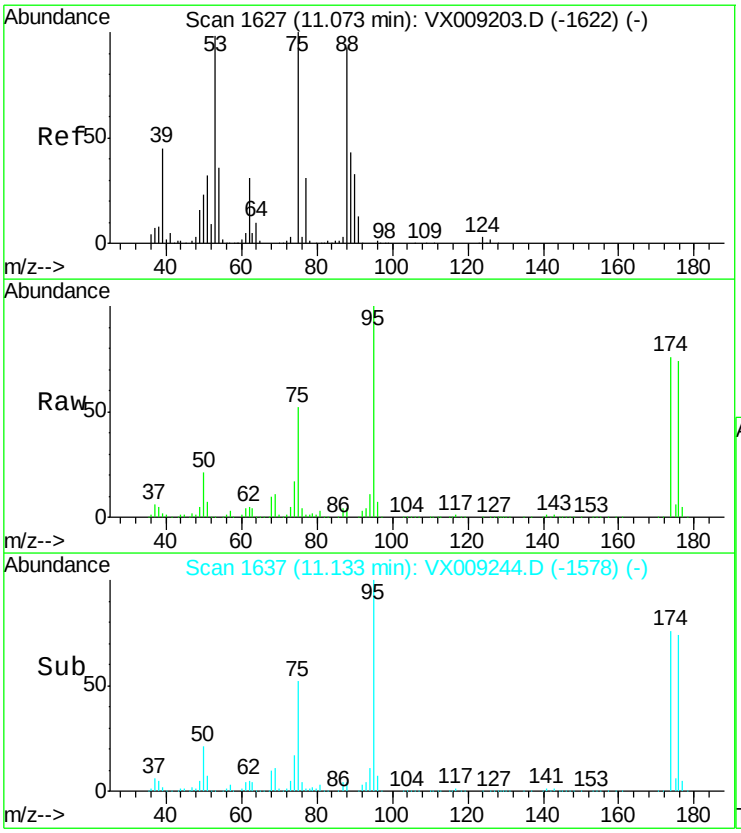
#76
1,2,3-Trichloropropane
Concen: 23.857 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423

Tgt Ion: 75 Resp: 74084

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.1	66.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.041 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion: 75 Resp: 74084

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.0	118.6#
89	0.0	34.7	52.1#