Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052019\
Data File : VX009736.D
Acq On : 20 May 2019 19:10
Operator : JC/SP
Sample : K2910-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S73-0234

Quant Time: May 21 07:42:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	267927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114097	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.78%			
35) Dibromofluoromethane	5.50	113	82377	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
50) Toluene-d8	8.71	98	339486	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.84%			
62) 4-Bromofluorobenzene	11.13	95	106995	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.60%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	590	0.277	ug/l	94
4) Vinyl Chloride	1.41	62	920	0.443	ug/l #	60
6) Chloroethane	1.72	64	417	0.313	ug/l #	43
10) Methyl Iodide	2.52	142	205	4.695	ug/l #	42
11) Tert butyl alcohol	3.01	59	390	0.729	ug/l #	73
13) Acrolein	2.28	56	180	0.372	ug/l #	44
16) Acetone	2.45	43	4710	3.797	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	605	0.294	ug/l	85
28) Bromochloromethane	5.01	49	24	Below Cal	#	20
31) Cyclohexane	5.66	56	3796	1.111	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13720	5.510	ug/l #	50
38) Carbon Tetrachloride	5.67	117	16401	7.250	ug/l #	15
44) Trichloroethene	7.21	130	390	0.209	ug/l	75
49) 1,4-Dioxane	7.66	88	20	0.358	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	55416	25.224	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	55416	64.539	ug/l #	10

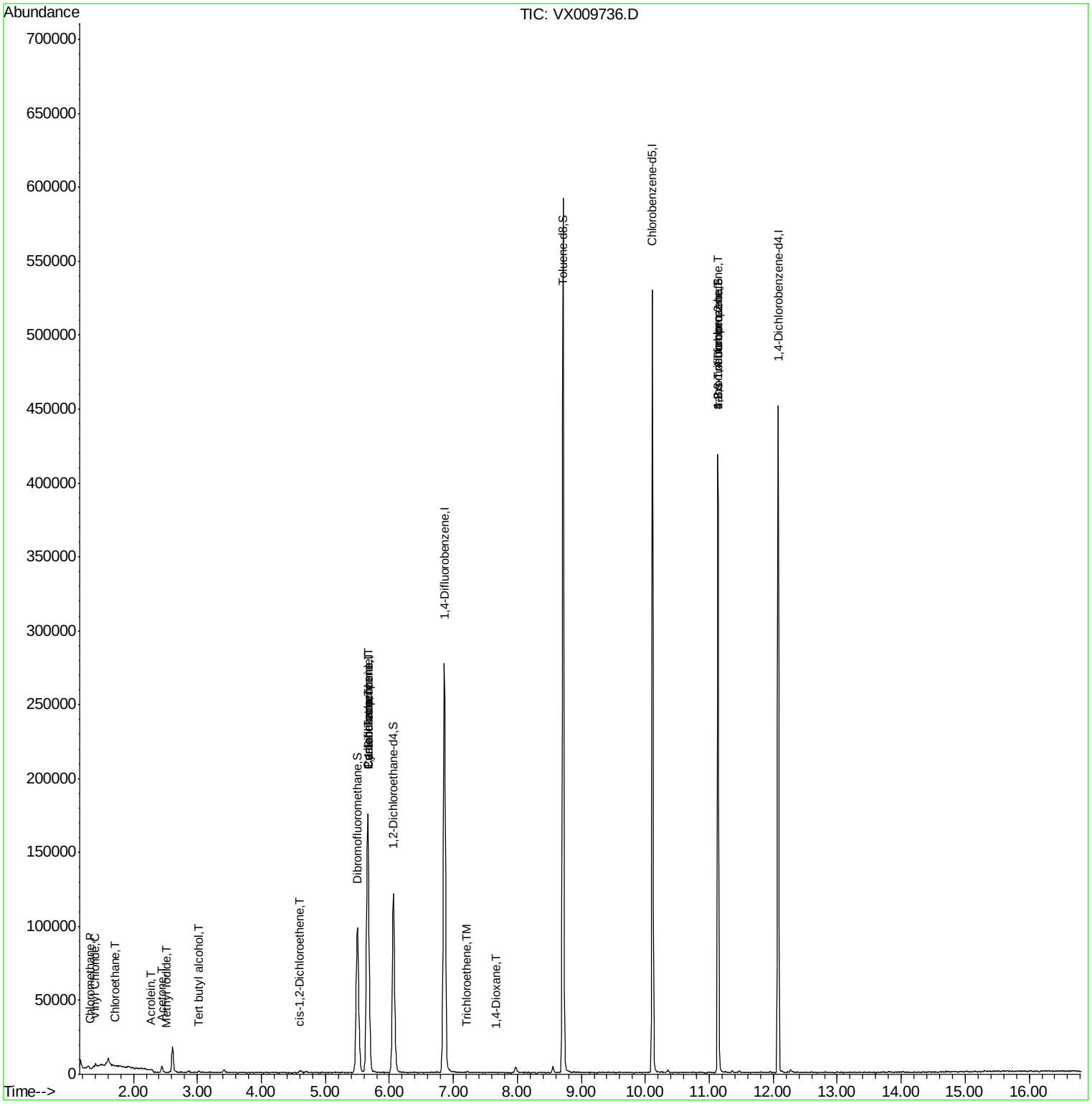
(#) = qualifier out of range (m) = manual integration (+) = signals summed

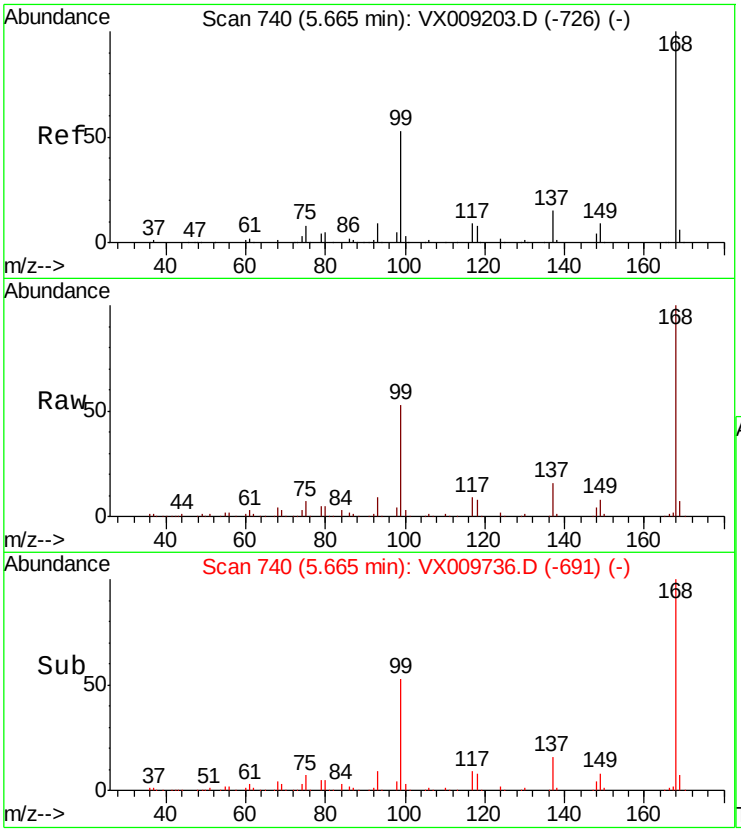
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052019\
Data File : VX009736.D
Acq On : 20 May 2019 19:10
Operator : JC/SP
Sample : K2910-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S73-0234

Quant Time: May 21 07:42:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



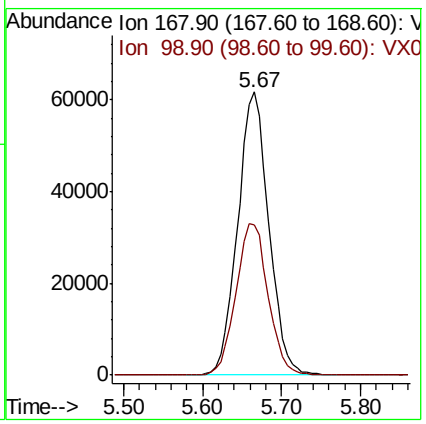


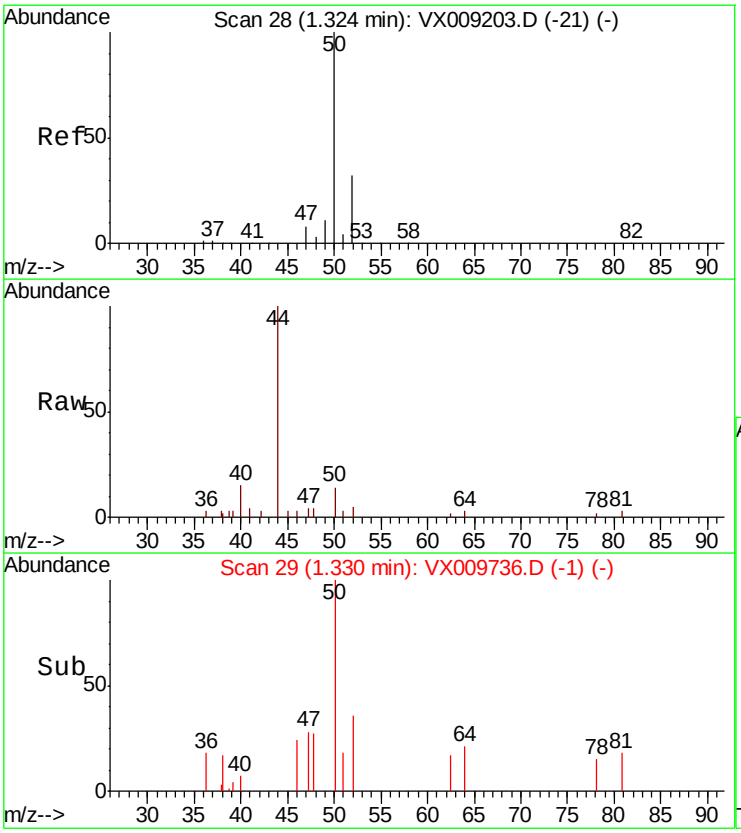
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
S73-0234

Tgt Ion:168 Resp: 169240

Ion	Ratio	Lower	Upper
168	100		
99	53.2	42.3	63.5

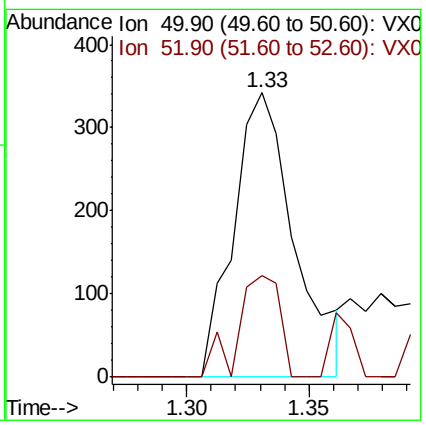


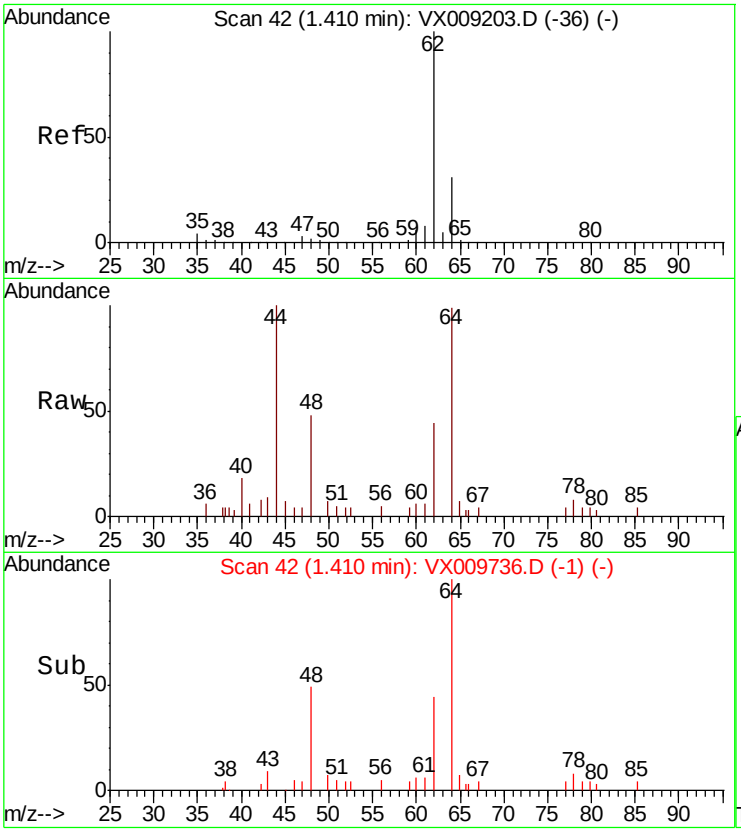


#3
Chloromethane
Concen: 0.277 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Tgt Ion: 50 Resp: 590

Ion	Ratio	Lower	Upper
50	100		
52	35.7	25.9	38.9



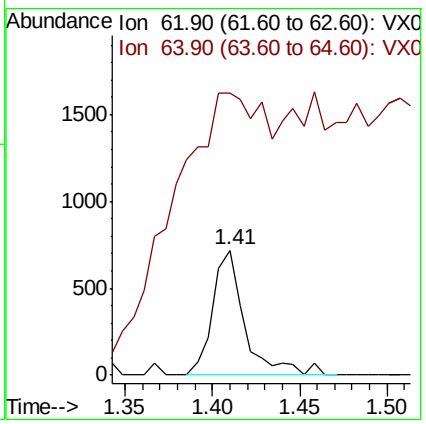


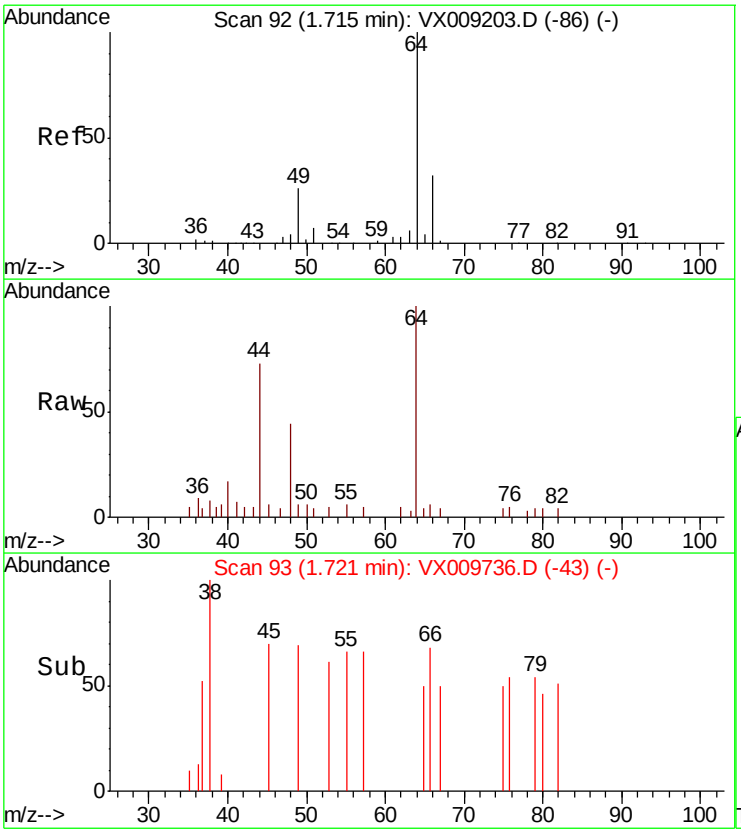
#4
Vinyl Chloride
Concen: 0.443 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
S73-0234

Tgt Ion: 62 Resp: 920

Ion	Ratio	Lower	Upper
62	100		
64	52.6	24.6	36.8#

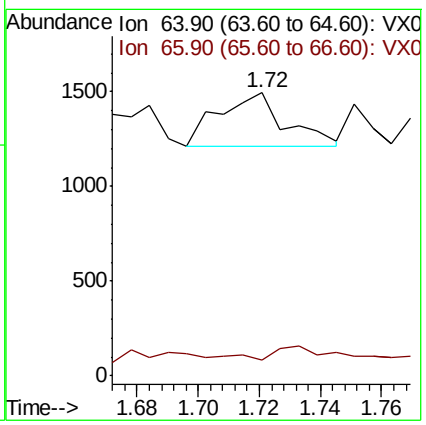


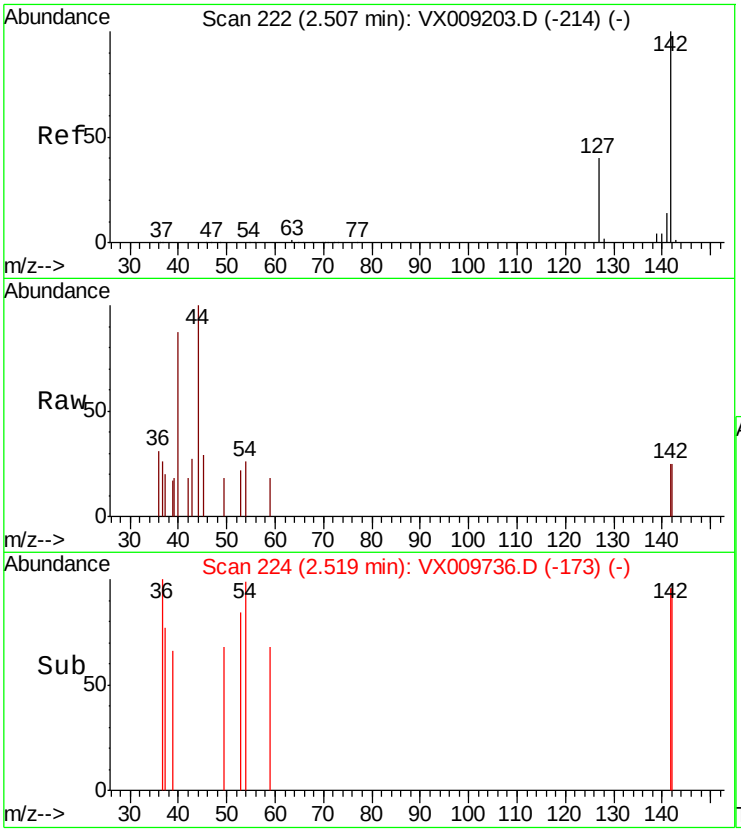


#6
Chloroethane
Concen: 0.313 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Tgt Ion: 64 Resp: 417

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#



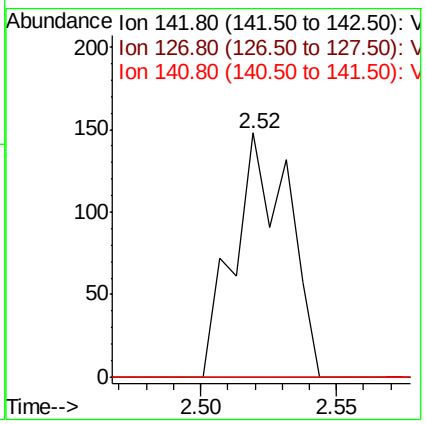


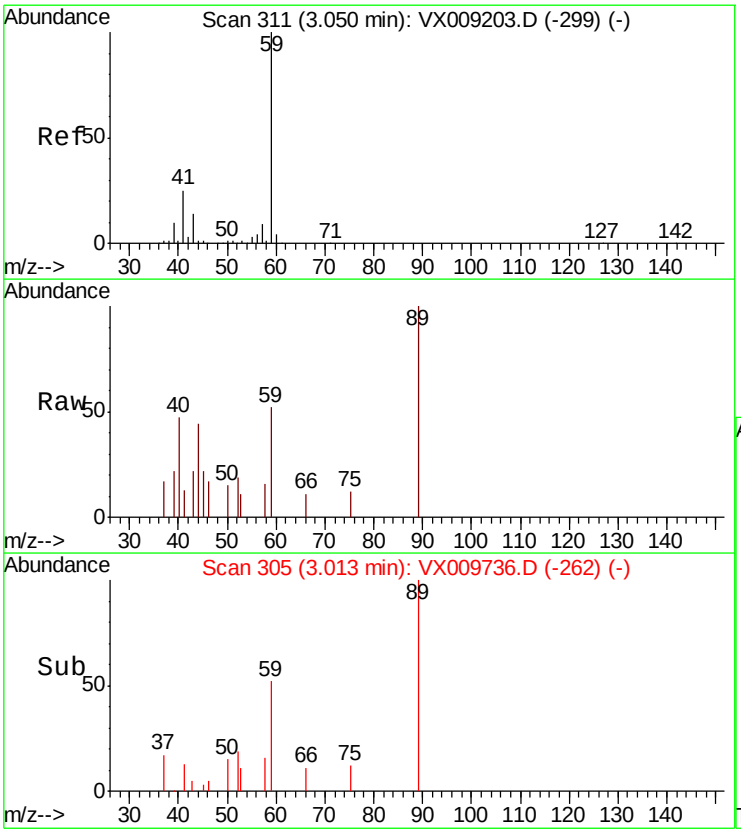
#10
Methyl Iodide
Concen: 4.695 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Instrument : MSVOA_X
ClientSampleId : S73-0234

Tgt Ion:142 Resp: 205

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

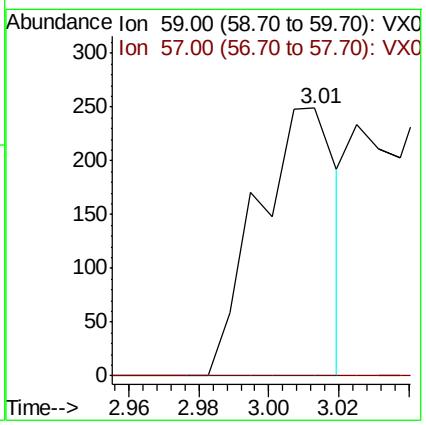


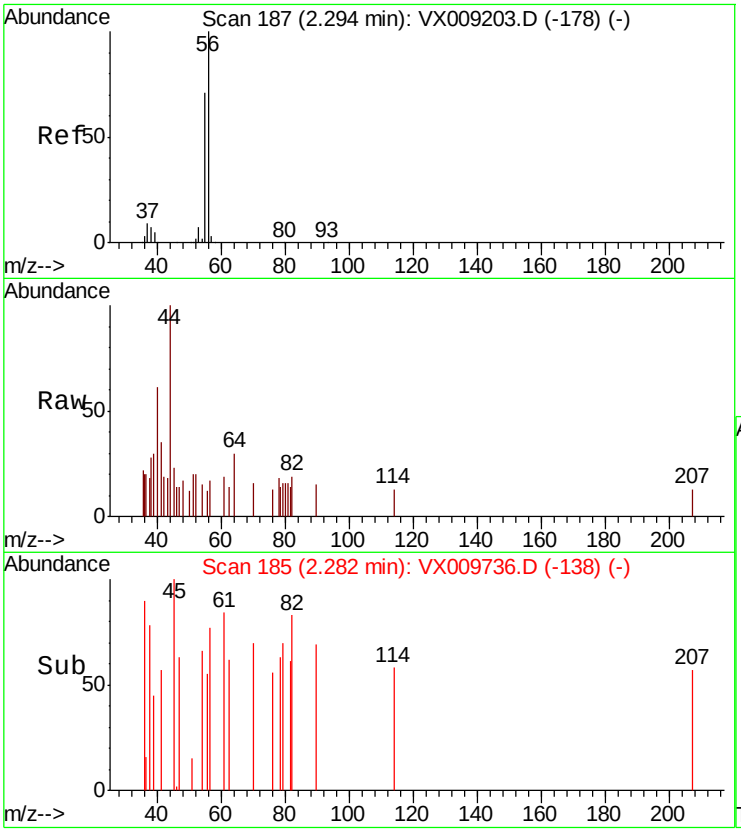


#11
Tert butyl alcohol
Concen: 0.729 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Tgt Ion: 59 Resp: 390

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



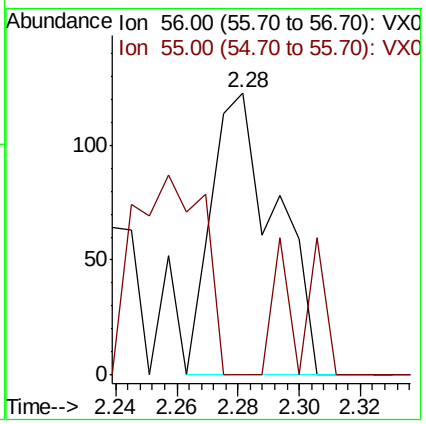


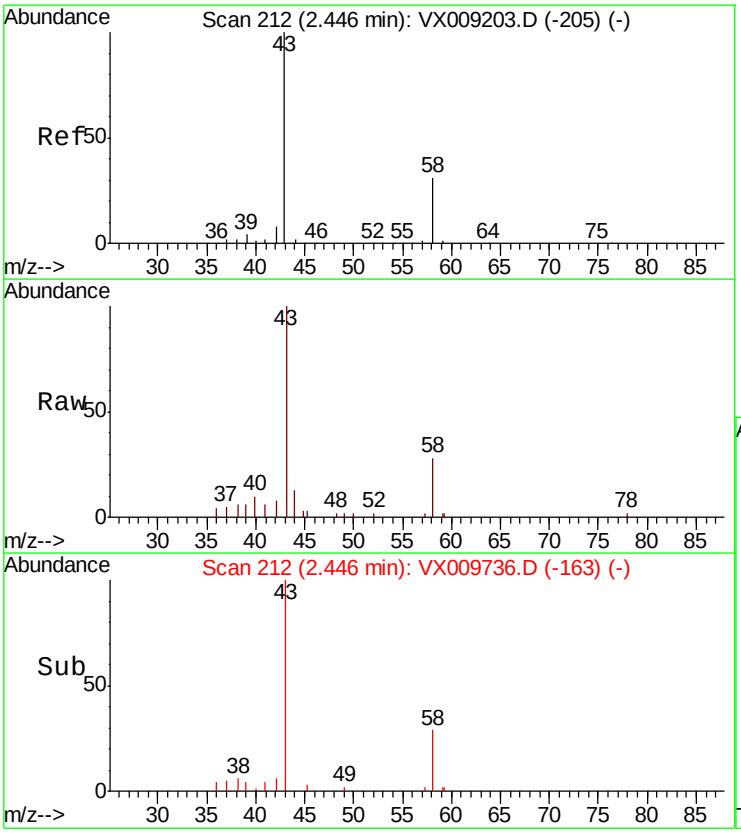
#13
Acrolein
Concen: 0.372 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
S73-0234

Tgt Ion: 56 Resp: 180

Ion	Ratio	Lower	Upper
56	100		
55	24.4	56.6	85.0#

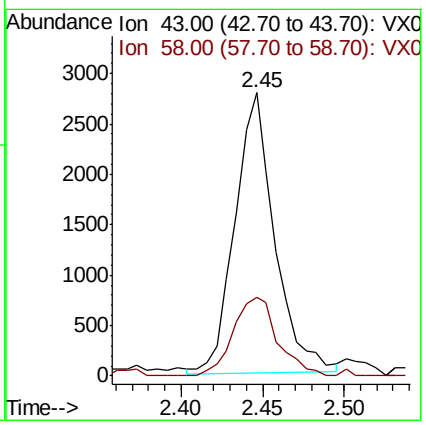


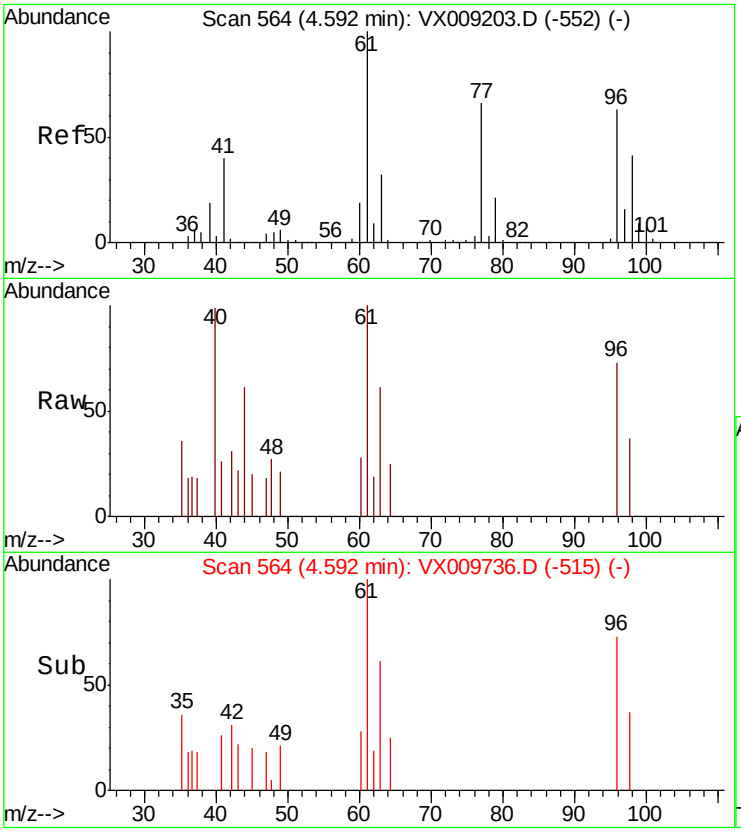


#16
Acetone
Concen: 3.797 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Tgt Ion: 43 Resp: 4710

Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.9	37.3



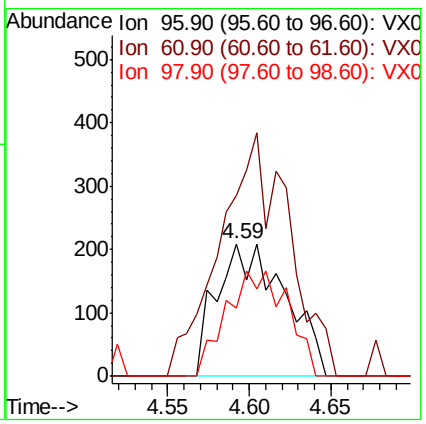


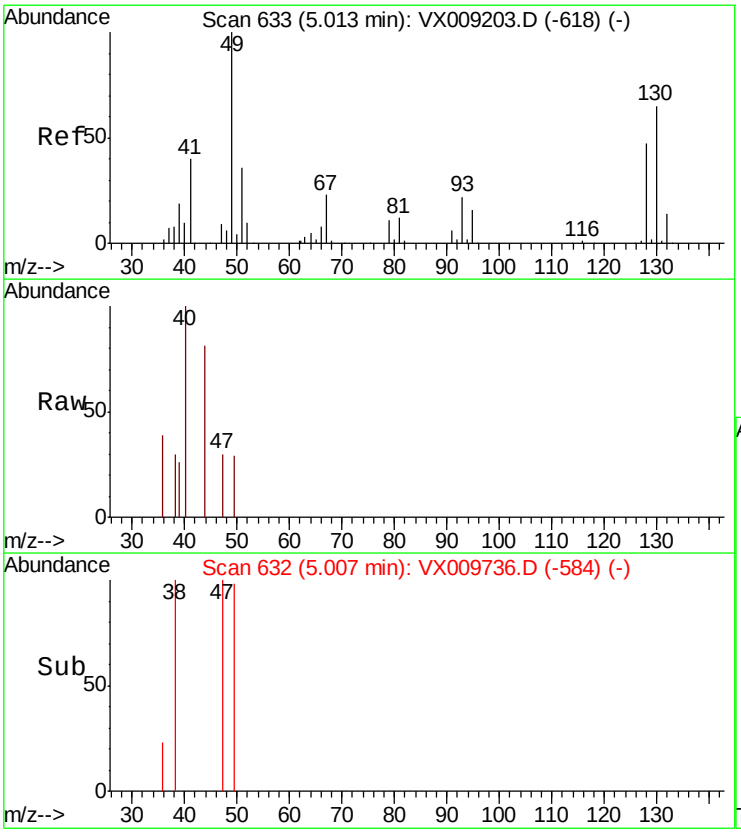
#27
cis-1,2-Dichloroethene
Concen: 0.294 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
S73-0234

Tgt Ion: 96 Resp: 605

Ion	Ratio	Lower	Upper
96	100		
61	186.4	0.0	324.0
98	71.4	0.0	130.4

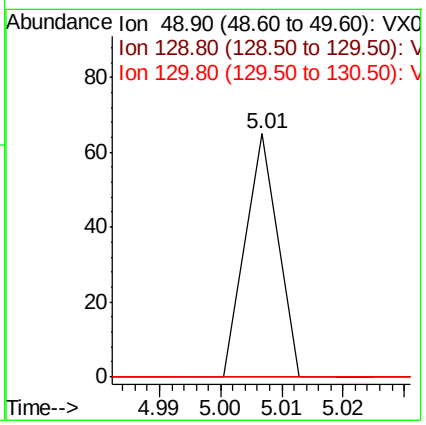


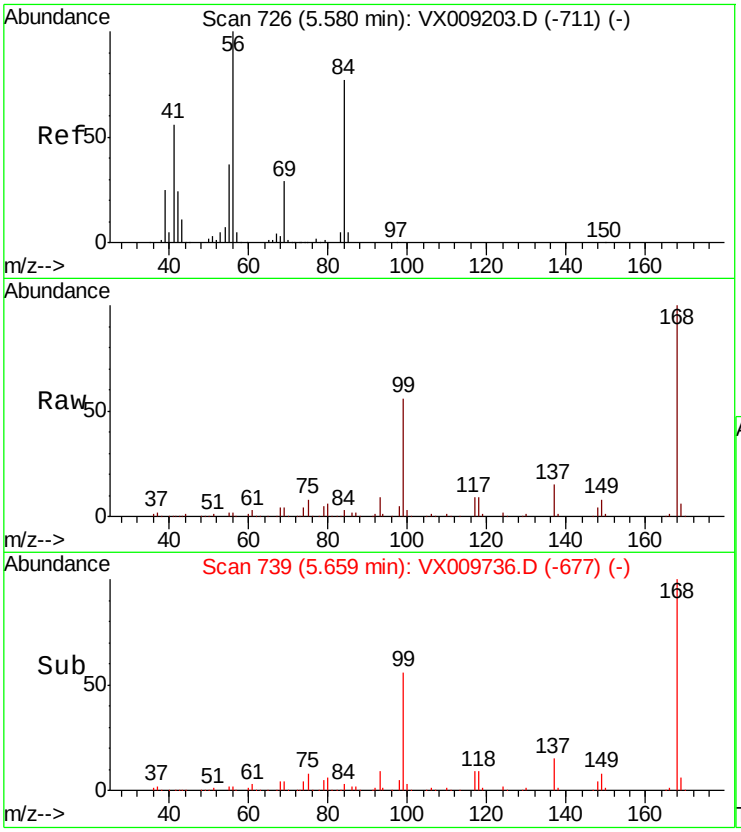


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Tgt Ion: 49 Resp: 24

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



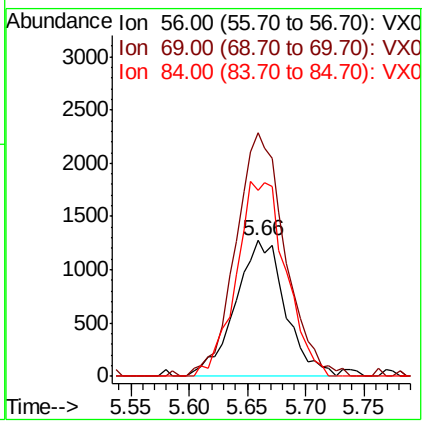


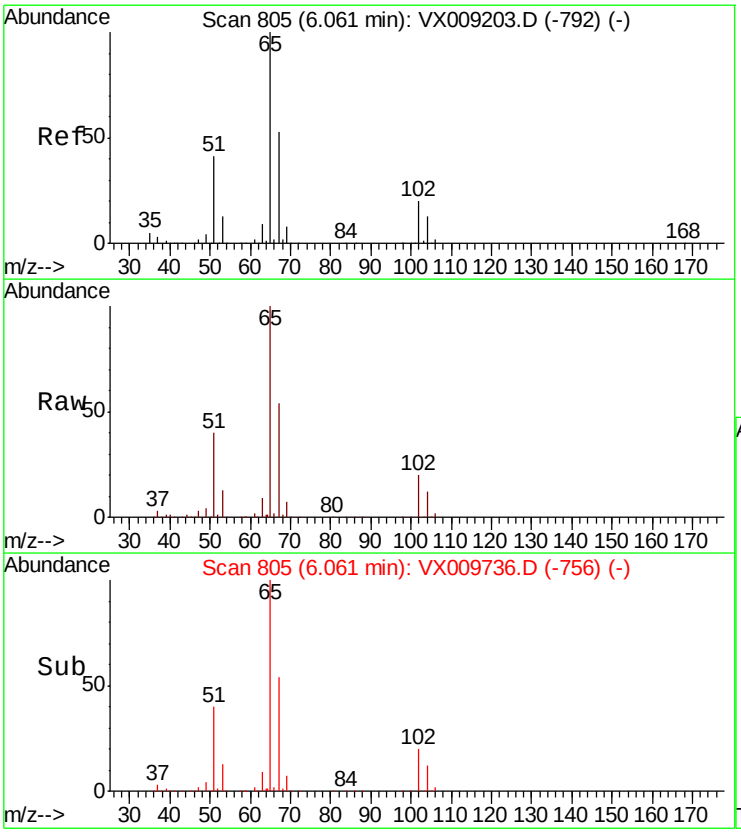
#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Instrument : MSVOA_X
ClientSampleId : S73-0234

Tgt Ion: 56 Resp: 3796

Ion	Ratio	Lower	Upper
56	100		
69	179.1	23.4	35.0#
84	136.5	61.9	92.9#

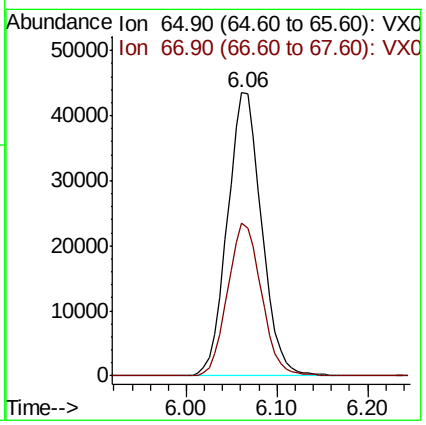


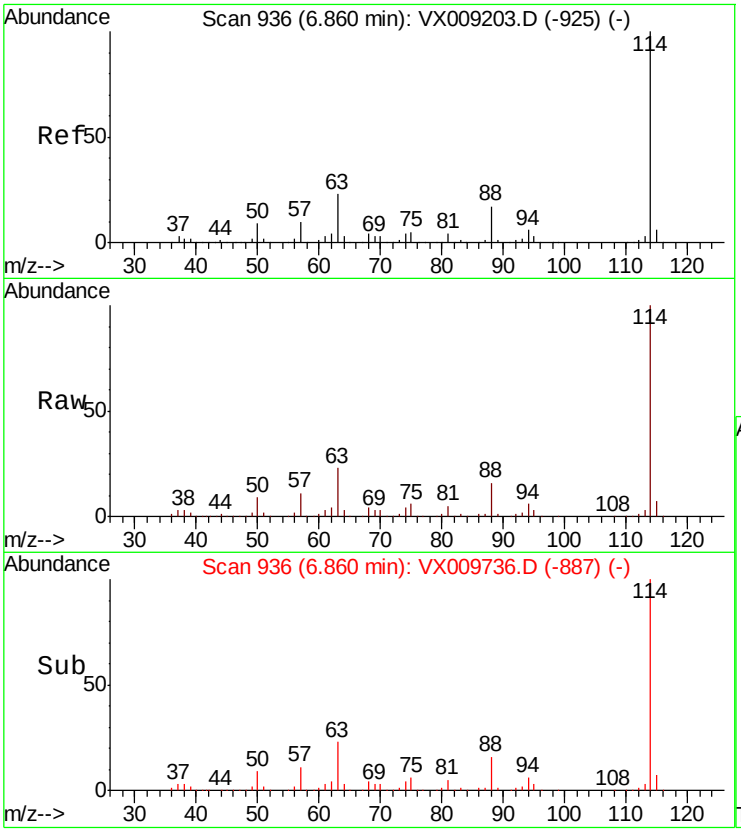


#33
1,2-Dichloroethane-d4
Concen: 49.386 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Tgt Ion: 65 Resp: 114097

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.6



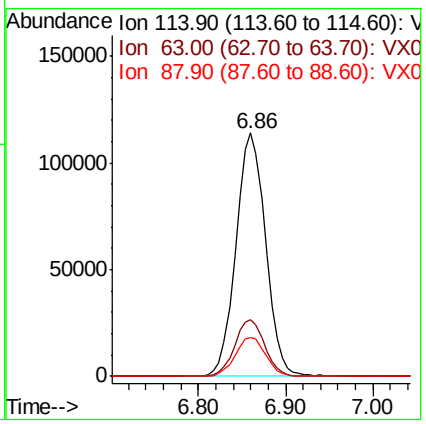


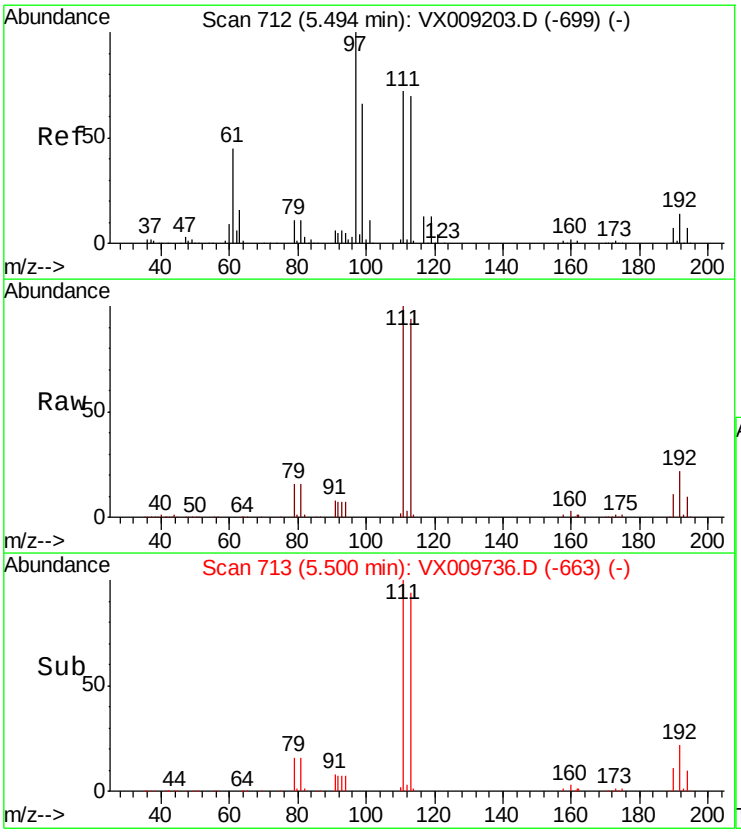
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
S73-0234

Tgt Ion:114 Resp: 267927

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	45.6
88	15.9	0.0	33.2

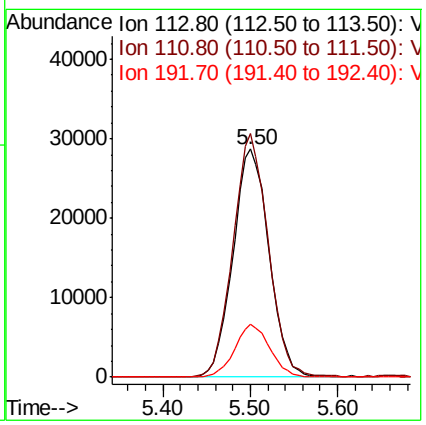


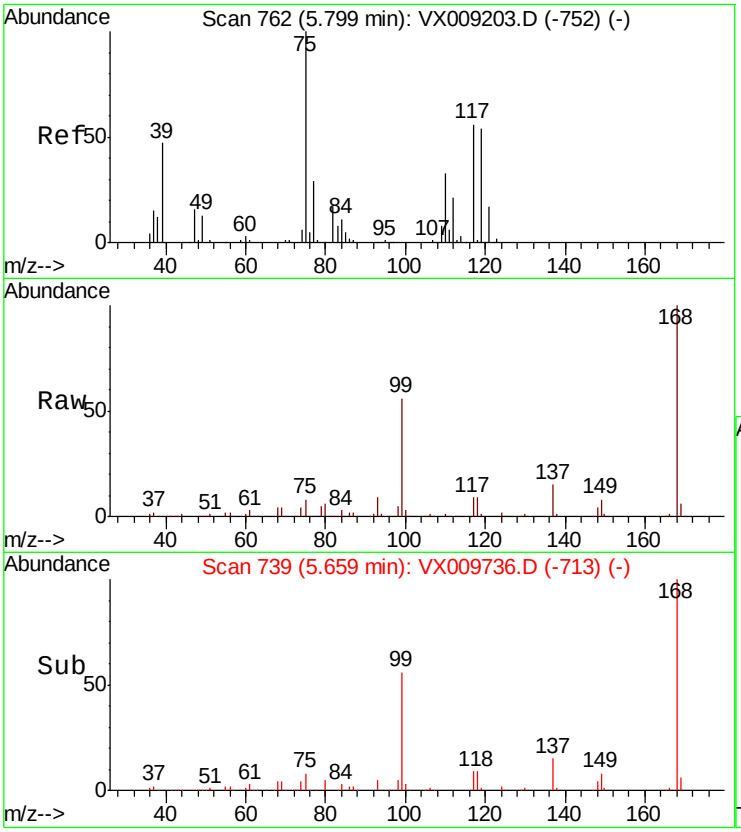


#35
Dibromofluoromethane
Concen: 48.909 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Tgt Ion:113 Resp: 82377

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.8	124.2
192	22.4	17.0	25.6



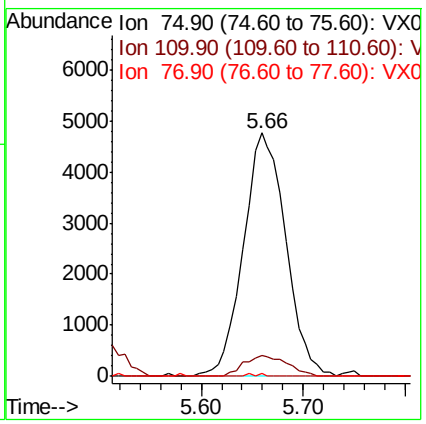


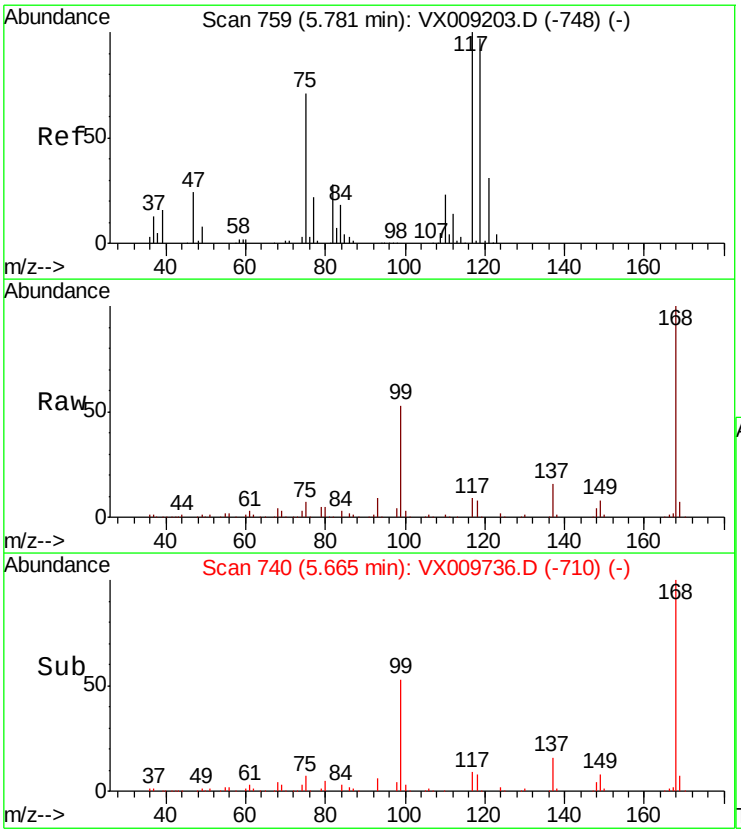
#36
1,1-Dichloropropene
Concen: 5.510 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
S73-0234

Tgt Ion: 75 Resp: 13720

Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.9	50.6#
77	0.3	24.8	37.2#

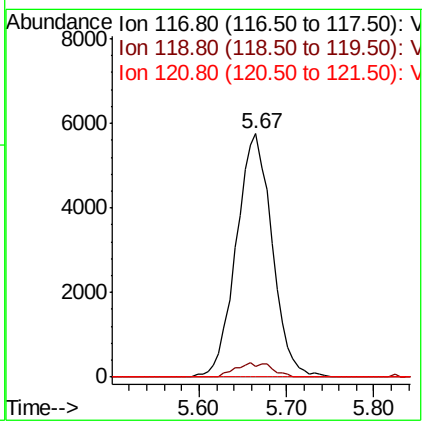


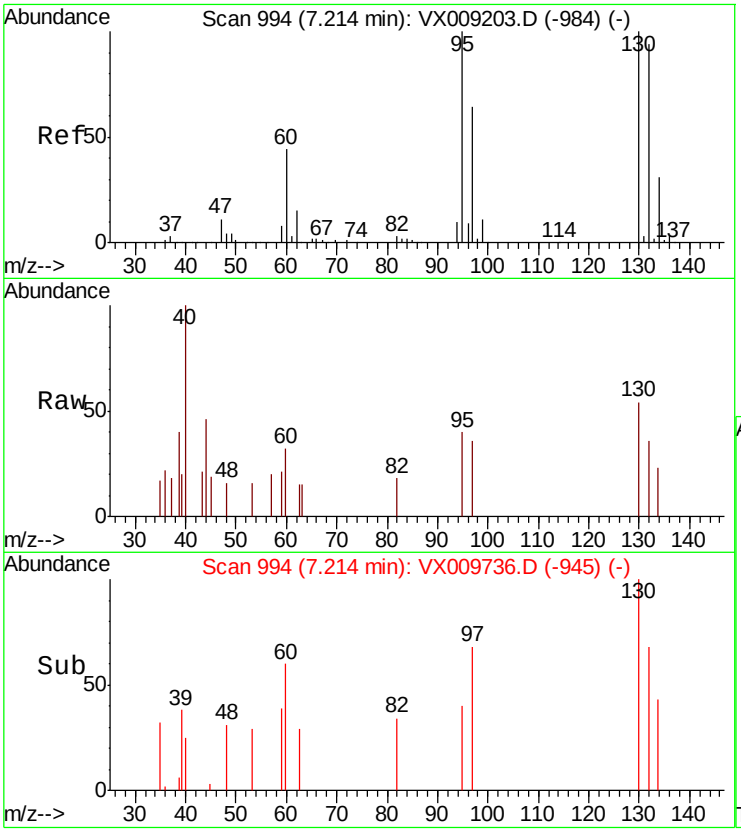


#38
Carbon Tetrachloride
Concen: 7.250 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Tgt Ion:117 Resp: 16401

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.5	116.3#
121	0.0	24.7	37.1#



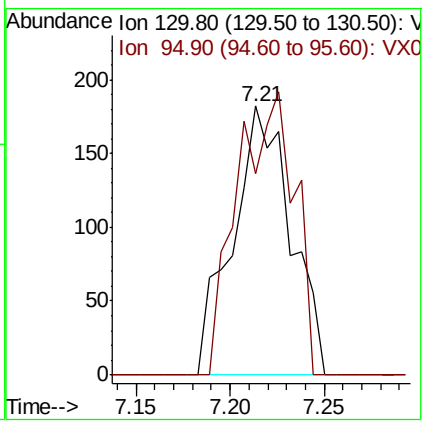


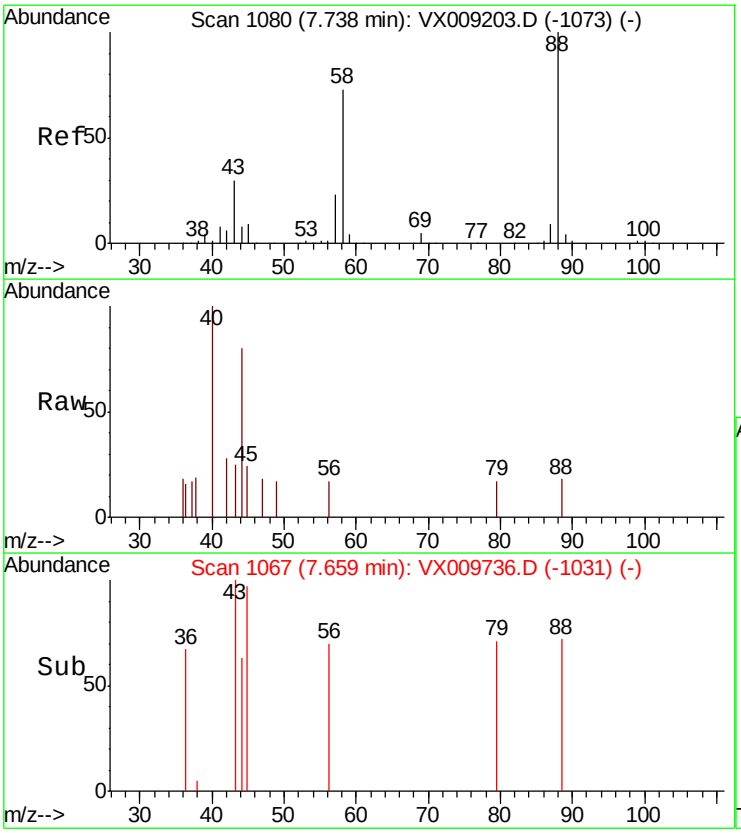
#44
Trichloroethene
Concen: 0.209 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
S73-0234

Tgt Ion:130 Resp: 390

Ion	Ratio	Lower	Upper
130	100		
95	74.7	0.0	199.2

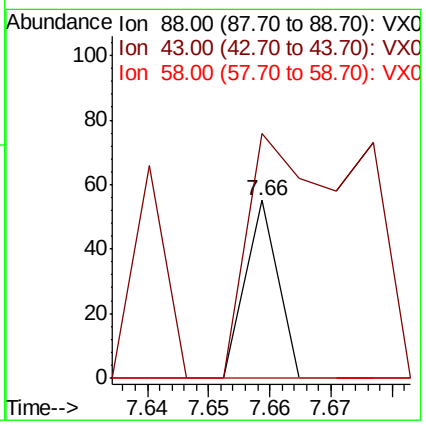


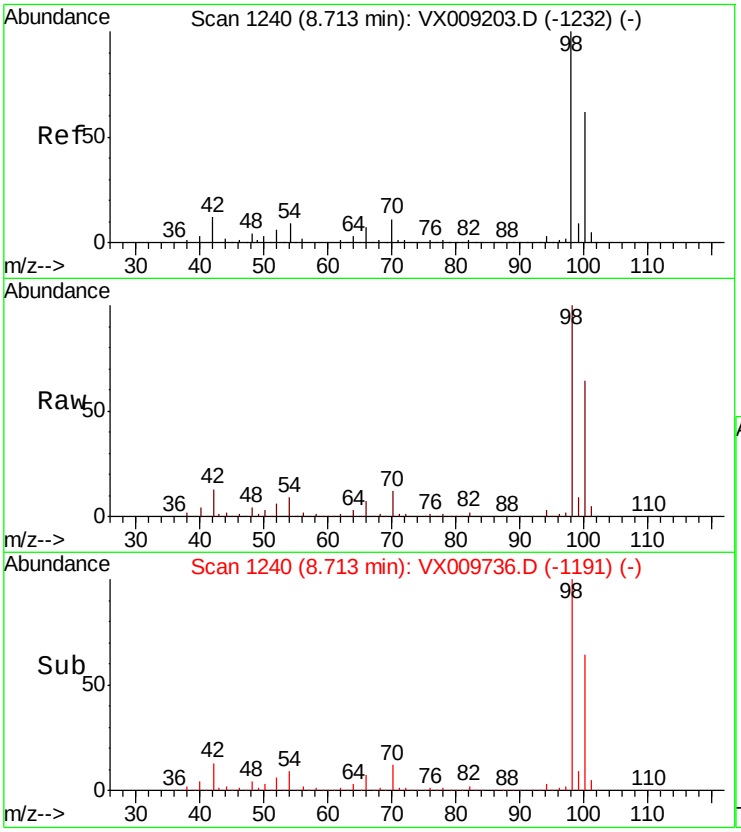


#49
1,4-Dioxane
Concen: 0.358 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.08 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	490.0	28.6	42.8#
58	0.0	61.7	92.5#



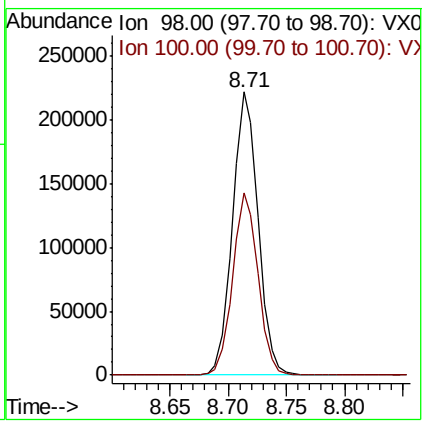


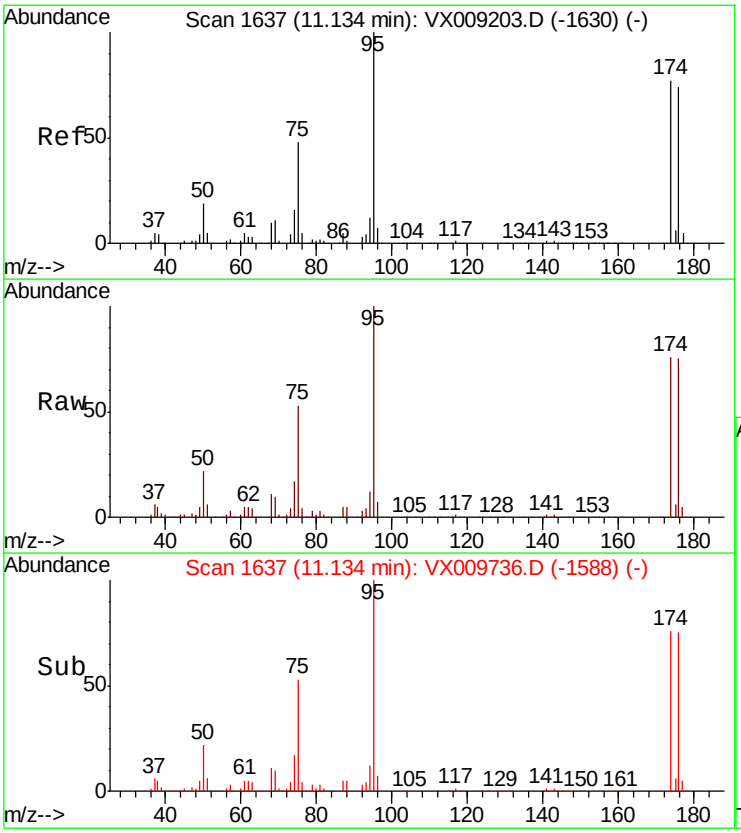
#50
Toluene-d8
Concen: 49.925 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
S73-0234

Tgt Ion: 98 Resp: 339486

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8

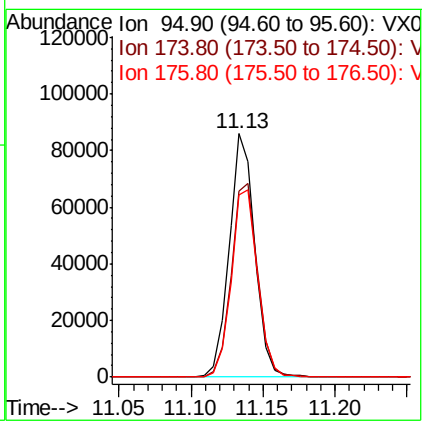


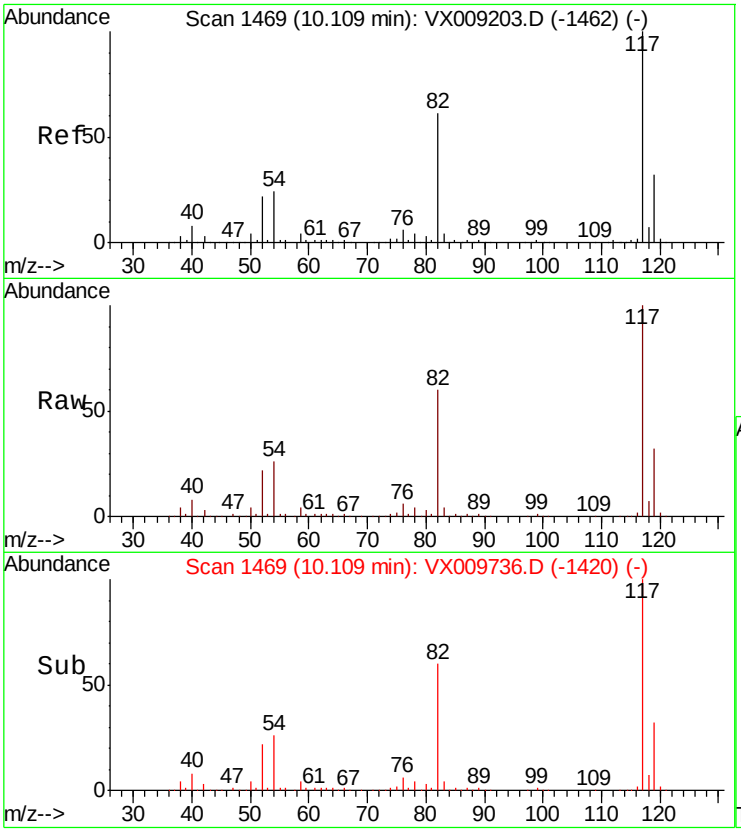


#62
4-Bromofluorobenzene
Concen: 43.303 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Tgt Ion: 95 Resp: 106995

Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	161.6
176	79.5	0.0	159.2



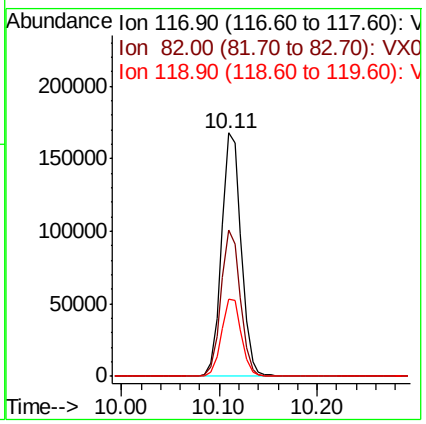


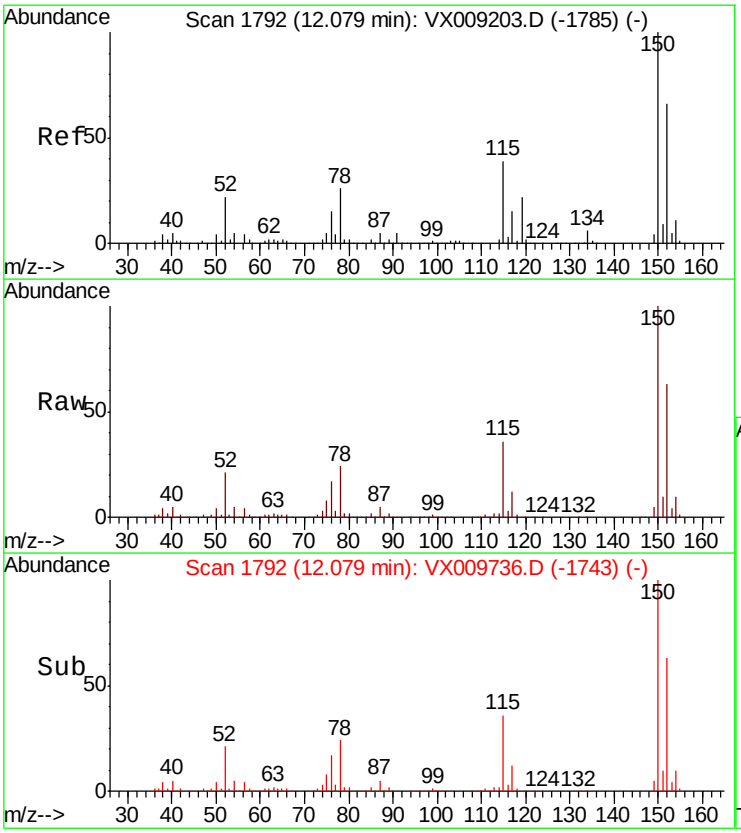
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
S73-0234

Tgt Ion:117 Resp: 232591

Ion	Ratio	Lower	Upper
117	100		
82	60.1	48.8	73.2
119	31.9	25.8	38.6

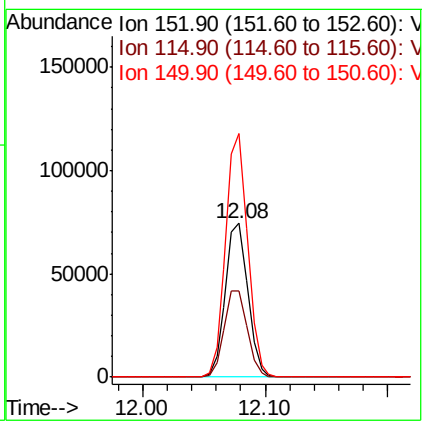


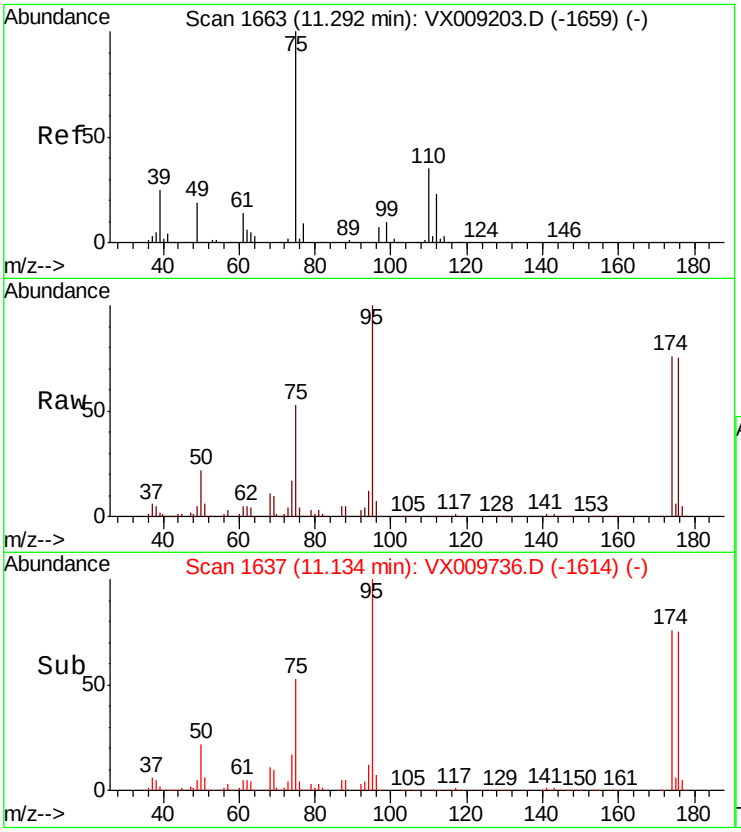


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Tgt Ion:152 Resp: 94711

Ion	Ratio	Lower	Upper
152	100		
115	58.2	41.2	123.6
150	155.6	0.0	346.4



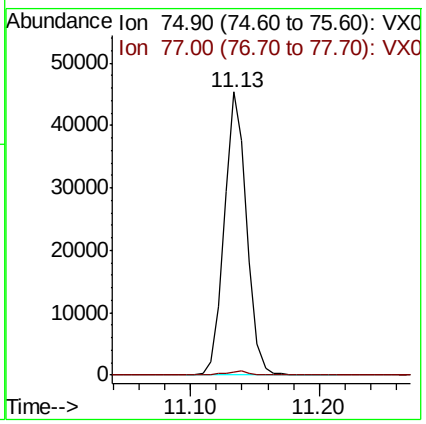


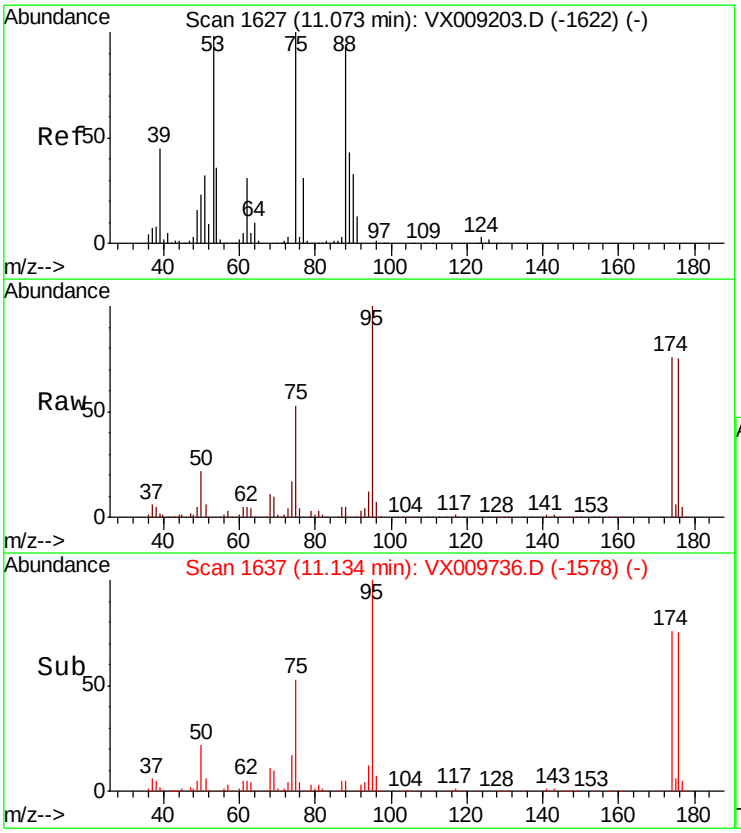
#76
1,2,3-Trichloropropane
Concen: 25.224 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
S73-0234

Tgt Ion: 75 Resp: 55416

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.539 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009736.D
Acq: 20 May 2019 19:10

Tgt Ion: 75 Resp: 55416

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.0	118.6#
89	0.0	34.7	52.1#