Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102519\
Data File : VX013212.D
Acq On : 24 Oct 2019 15:29
Operator : JC/SP
Sample : K5532-01DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0670DL

Quant Time: Oct 25 01:20:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	81019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	119502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	116649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	73563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	87297	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.04%			
35) Dibromofluoromethane	5.49	113	66797	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.24%			
50) Toluene-d8	8.71	98	241675	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.88%			
62) 4-Bromofluorobenzene	11.14	95	88847	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.90%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	142	1.081	ug/l #	40
4) Vinyl Chloride	1.40	62	1328	0.903	ug/l #	81
5) Bromomethane	1.64	94	285	0.365	ug/l #	58
6) Chloroethane	1.70	64	944	Below Cal	#	72
10) Methyl Iodide	2.50	142	201	3.643	ug/l #	78
11) Tert butyl alcohol	3.00	59	3087	7.366	ug/l #	72
13) Acrolein	2.23	56	64	0.322	ug/l #	82
16) Acetone	2.44	43	914	1.145	ug/l #	69
18) Methyl Acetate	2.60	43	81	1.014	ug/l #	49
20) Methylene Chloride	2.85	84	636	0.712	ug/l #	82
21) trans-1,2-Dichloroethene	3.16	96	18003	12.893	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	45066	26.662	ug/l	88
31) Cyclohexane	5.65	56	1665	0.760	ug/l #	29
36) 1,1-Dichloropropene	5.64	75	6109	2.981	ug/l #	49
38) Carbon Tetrachloride	5.65	117	8101	3.668	ug/l #	14
39) Methylcyclohexane	7.20	83	1260	0.493	ug/l #	1
44) Trichloroethene	7.21	130	107972	63.380	ug/l	100
51) 4-Methyl-2-Pentanone	8.71	43	940	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	43178	24.353	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	43178	66.921	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	12.81	75	103	0.204	ug/l #	1

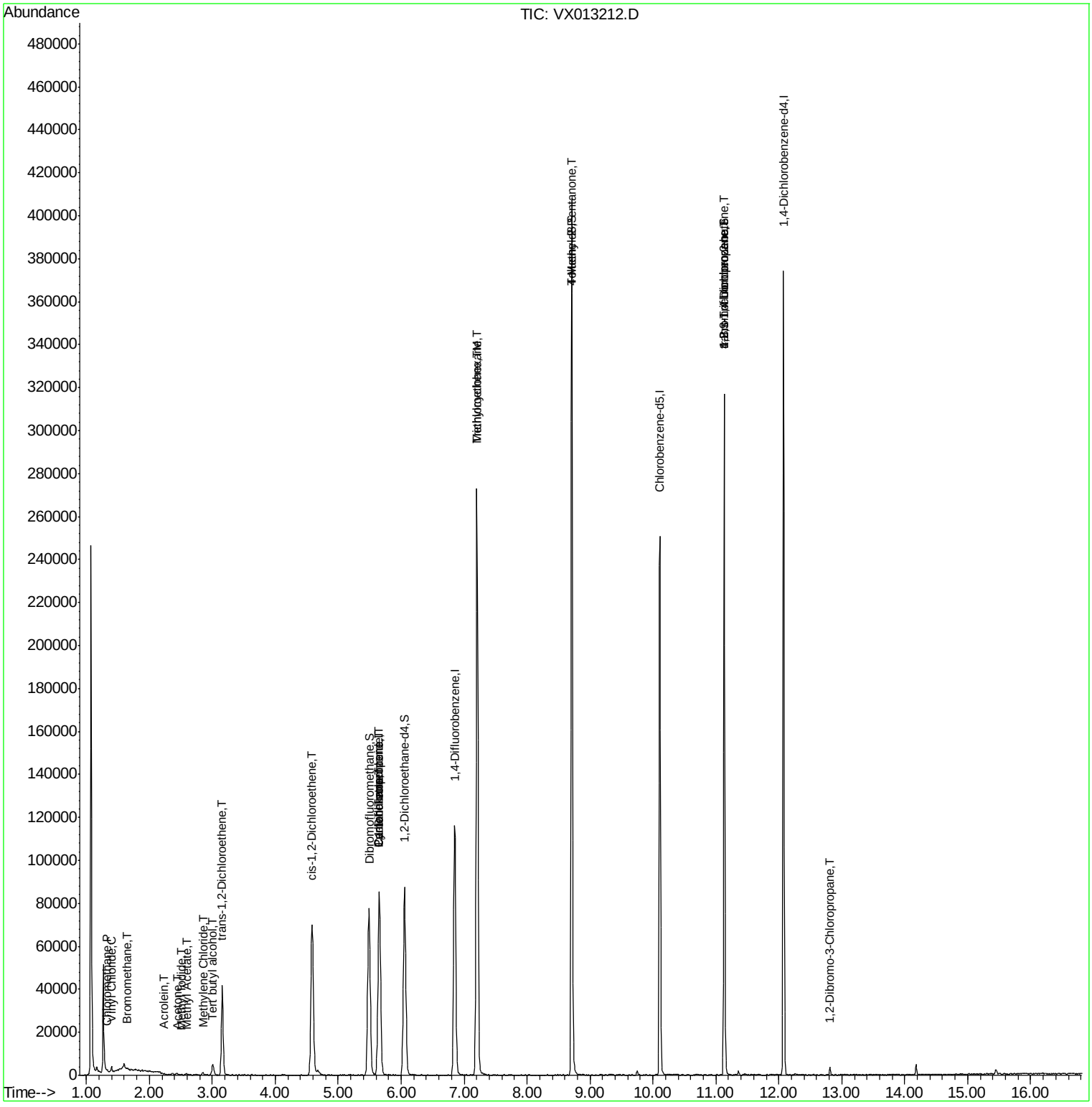
(#) = qualifier out of range (m) = manual integration (+) = signals summed

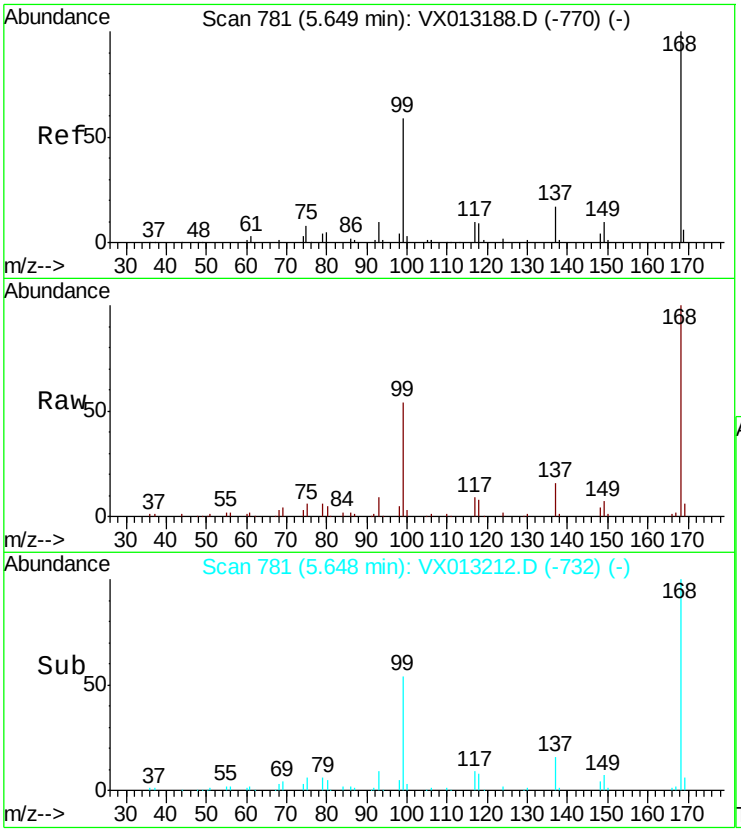
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102519\
Data File : VX013212.D
Acq On : 24 Oct 2019 15:29
Operator : JC/SP
Sample : K5532-01DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Quant Time: Oct 25 01:20:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration



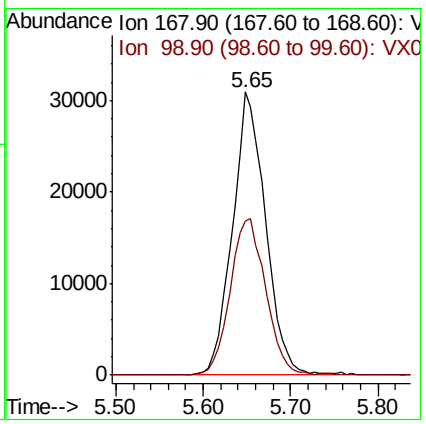


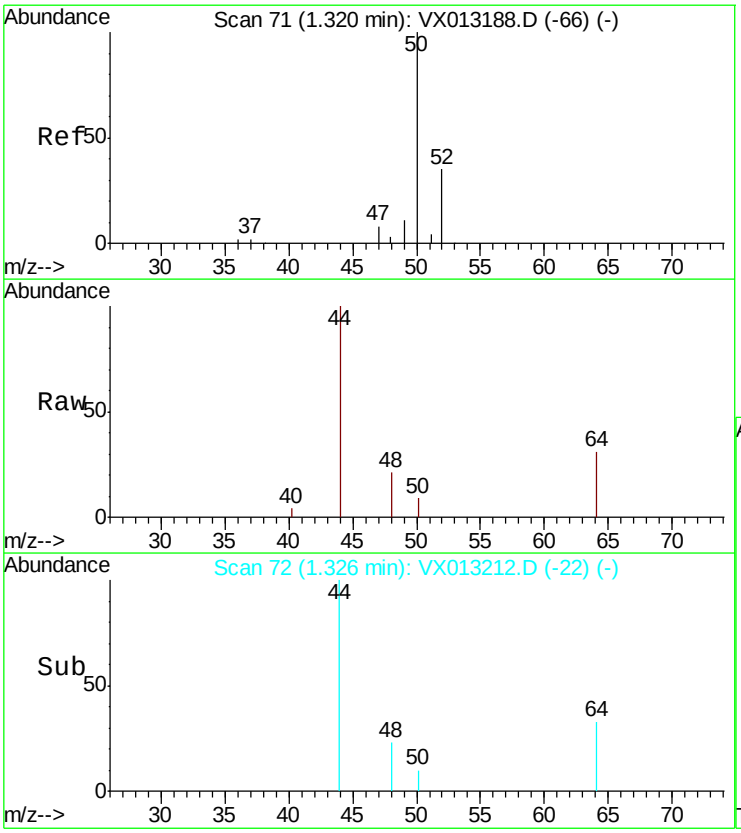
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument : MSVOA_X
ClientSampleId : S32-0670DL

Tgt Ion:168 Resp: 81019

Ion	Ratio	Lower	Upper
168	100		
99	54.2	47.0	70.4

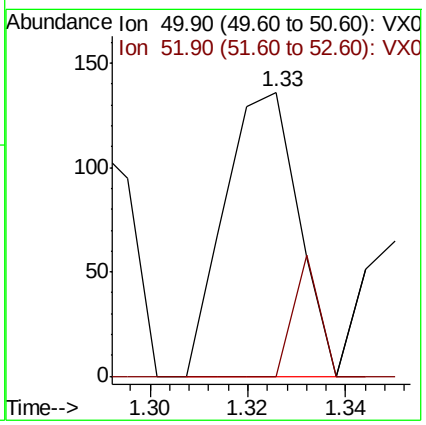


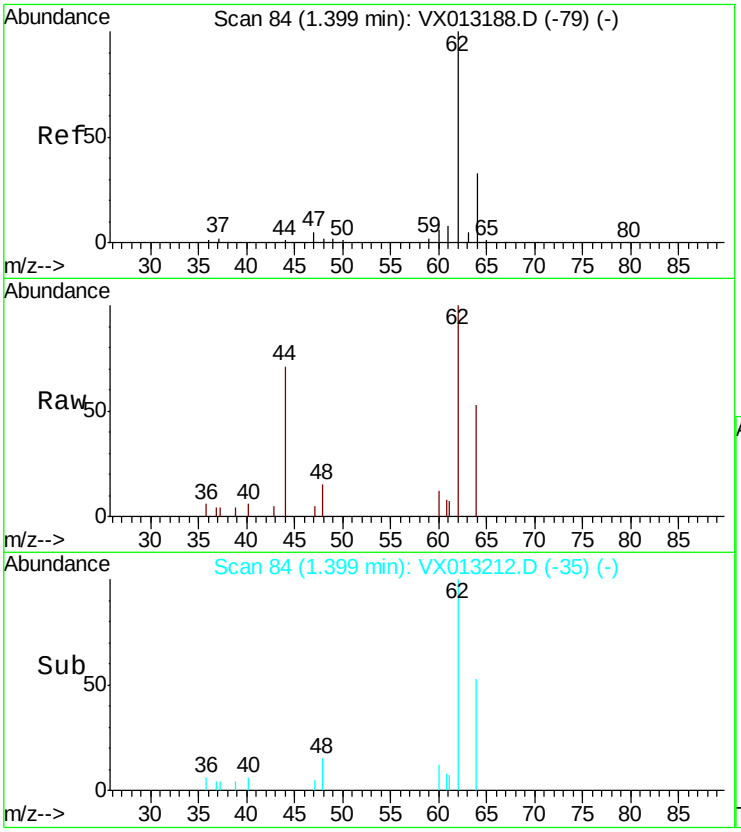


#3
Chloromethane
Concen: 1.081 ug/l
RT: 1.33 min Scan# 72
Delta R.T. 0.01 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion: 50 Resp: 142

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.8	41.6#



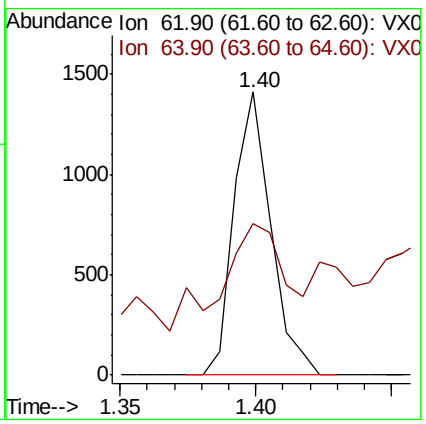


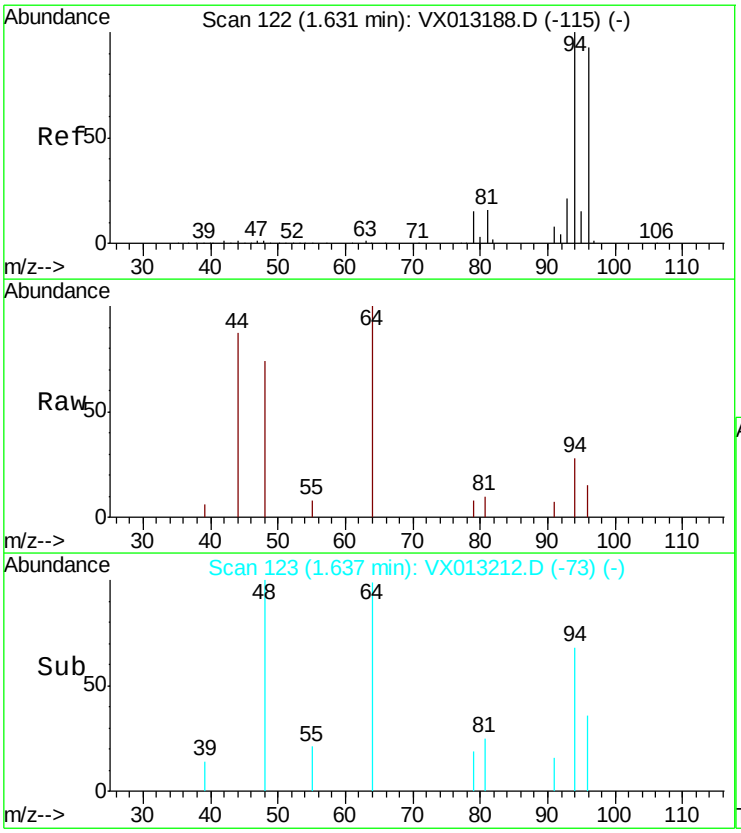
#4
Vinyl Chloride
Concen: 0.903 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion: 62 Resp: 1328

Ion	Ratio	Lower	Upper
62	100		
64	22.5	26.4	39.6#

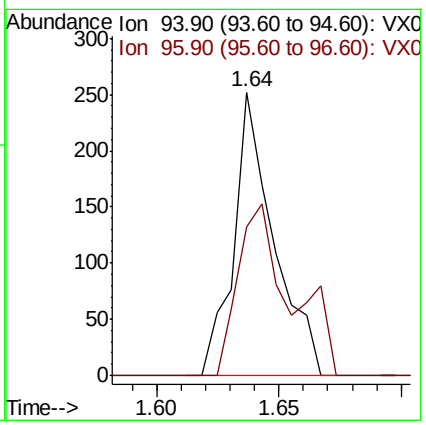


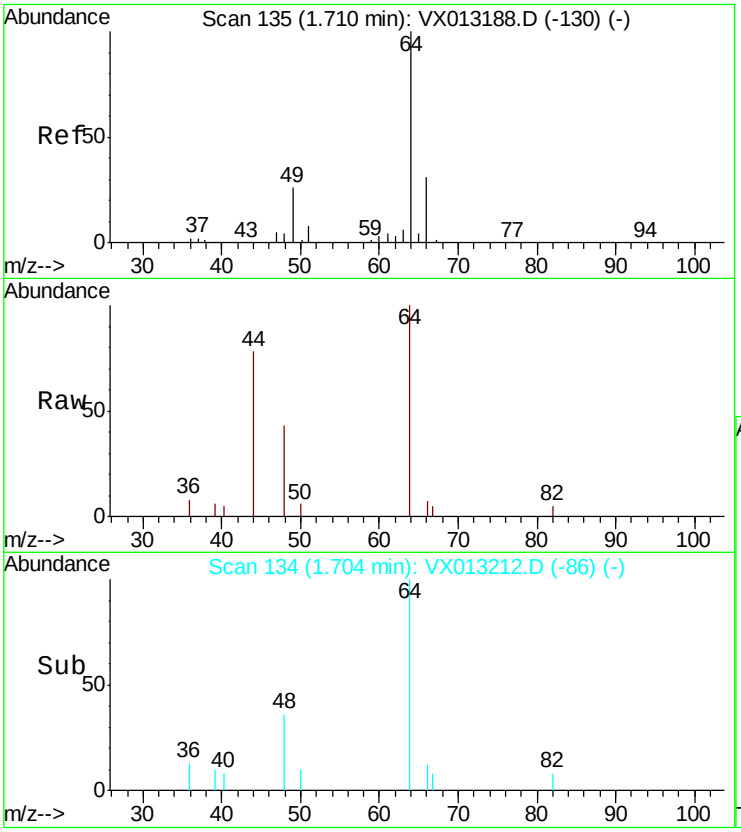


#5
Bromomethane
Concen: 0.365 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion: 94 Resp: 285

Ion	Ratio	Lower	Upper
94	100		
96	52.4	74.2	111.2#



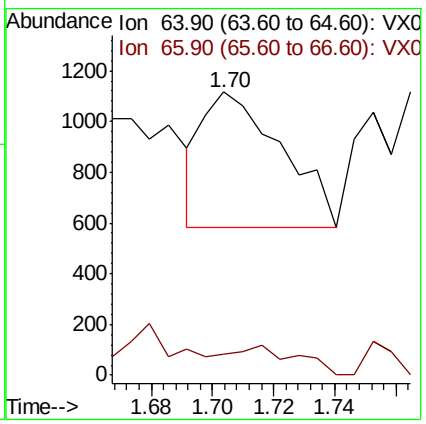


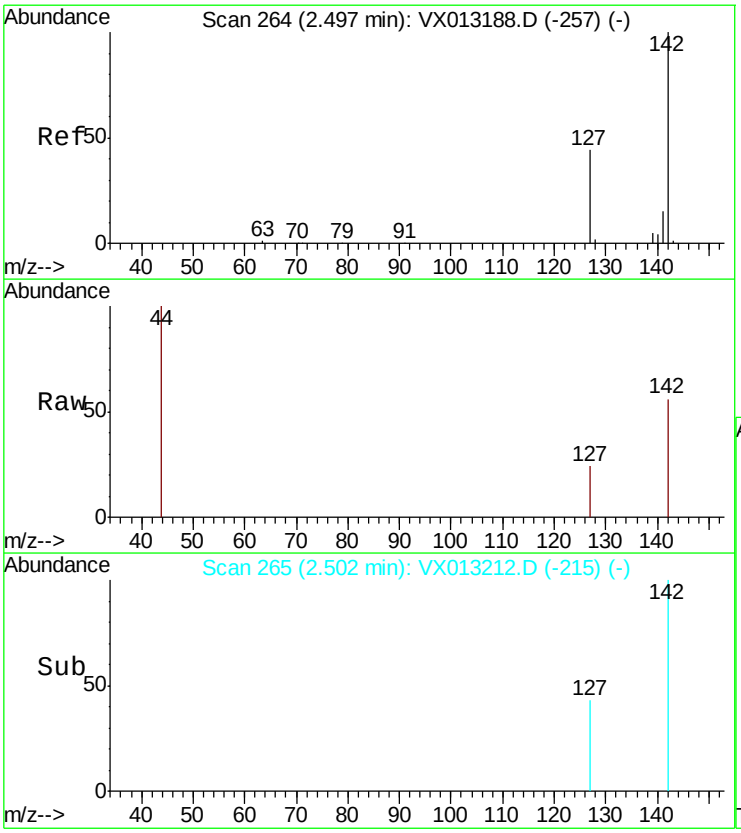
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion: 64 Resp: 944

Ion	Ratio	Lower	Upper
64	100		
66	15.6	25.0	37.6#

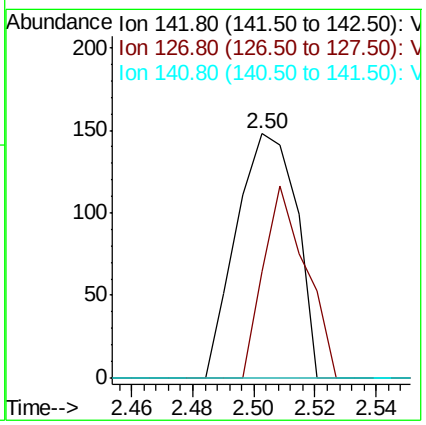


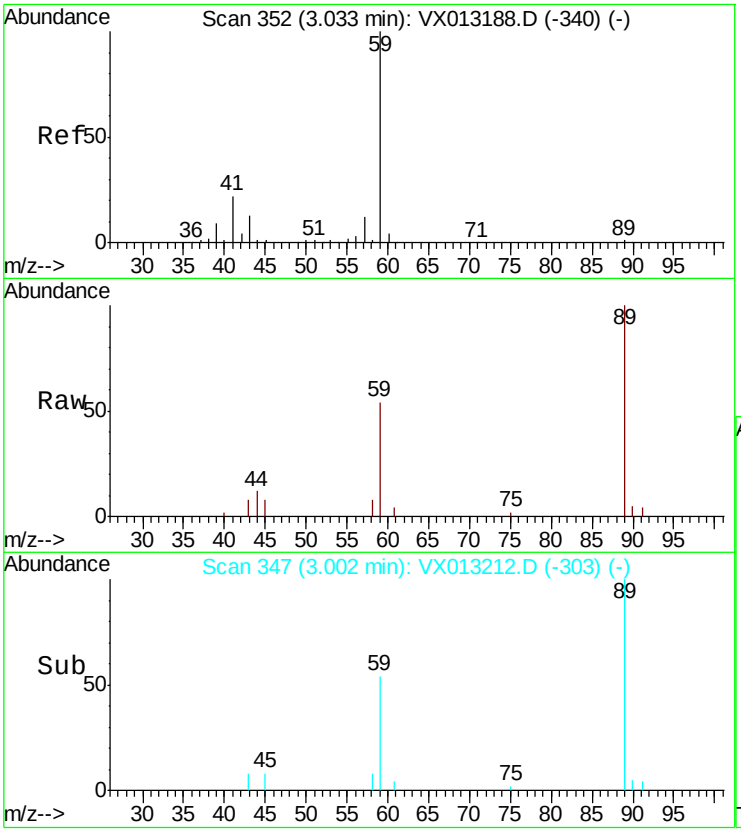


#10
Methyl Iodide
Concen: 3.643 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion:142 Resp: 201

Ion	Ratio	Lower	Upper
142	100		
127	56.2	35.6	53.4#
141	0.0	11.6	17.4#



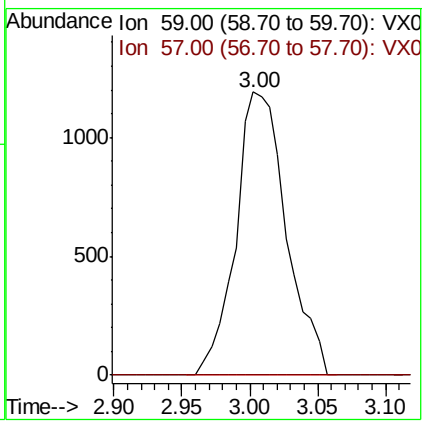


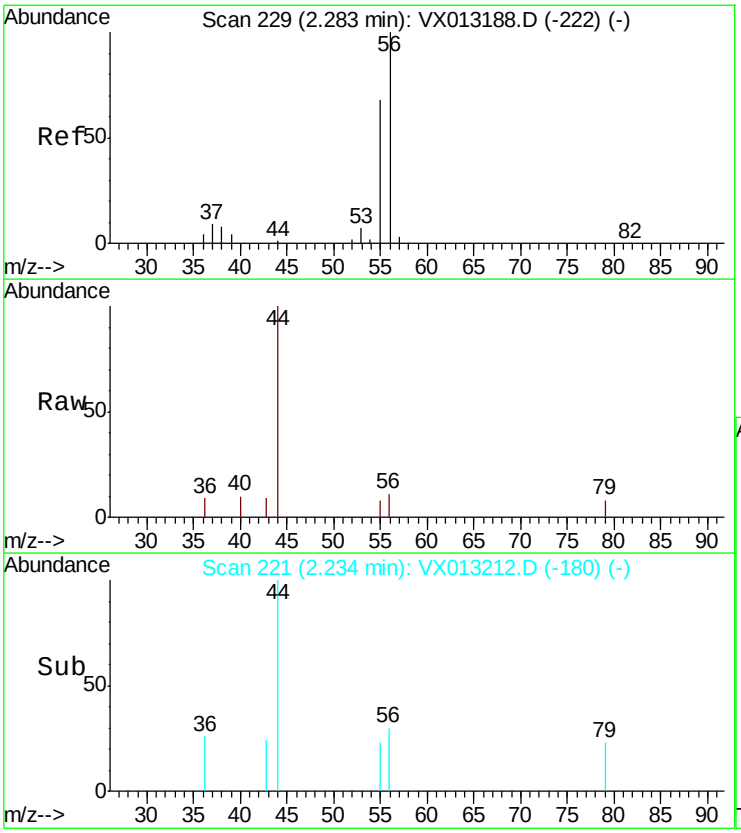
#11
Tert butyl alcohol
Concen: 7.366 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.03 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion: 59 Resp: 3087

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

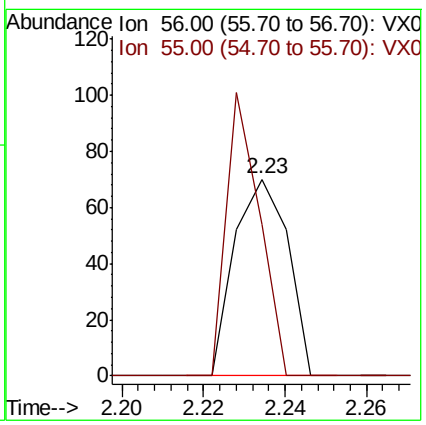


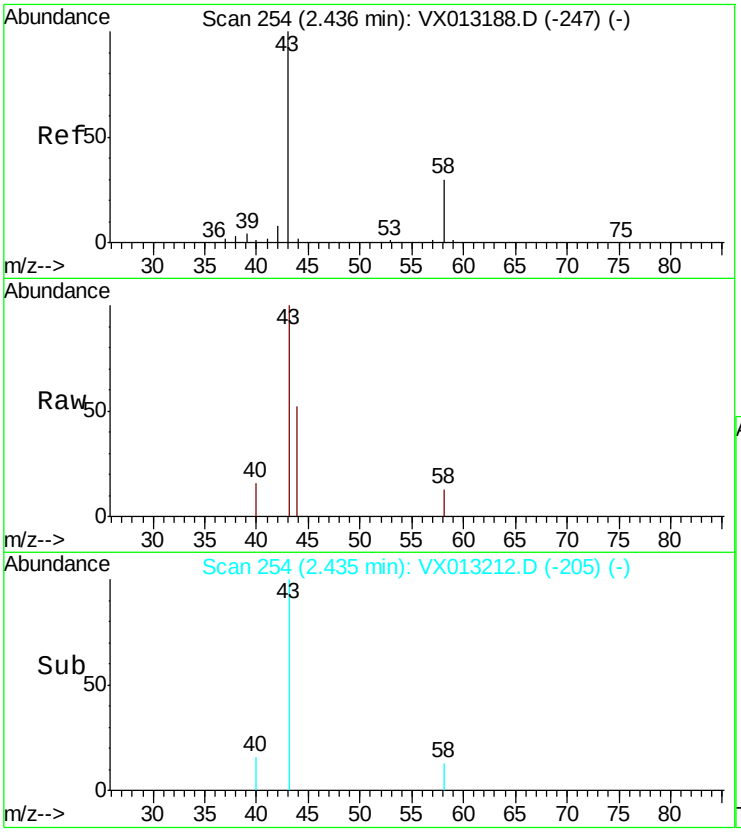


#13
Acrolein
Concen: 0.322 ug/l
RT: 2.23 min Scan# 221
Delta R.T. -0.05 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion: 56 Resp: 64

Ion	Ratio	Lower	Upper
56	100		
55	89.1	58.9	88.3#



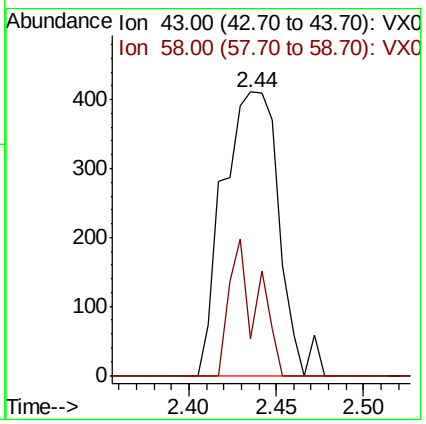


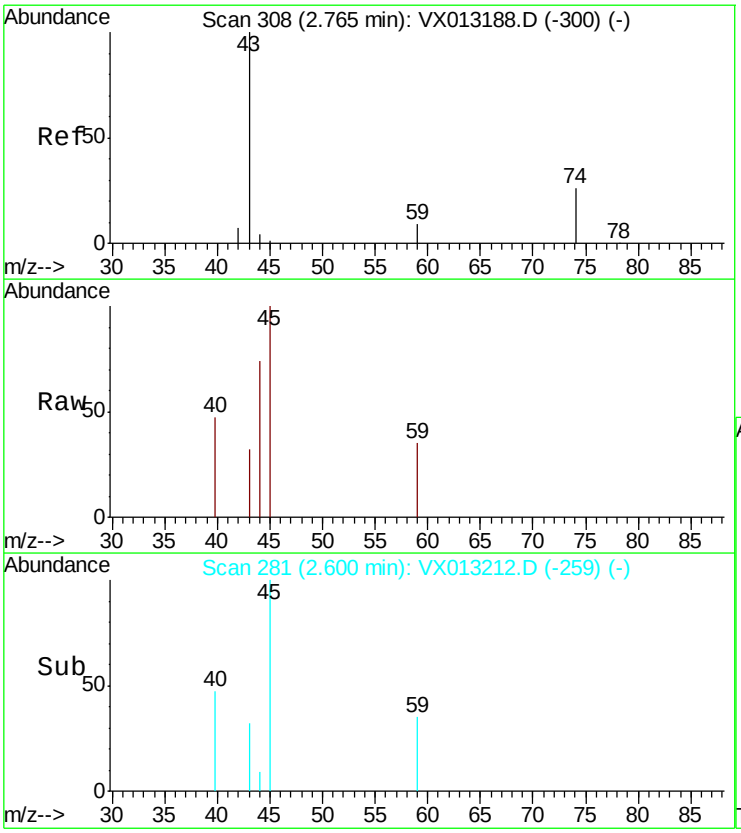
#16
Acetone
Concen: 1.145 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion: 43 Resp: 914

Ion	Ratio	Lower	Upper
43	100		
58	12.9	23.8	35.6#

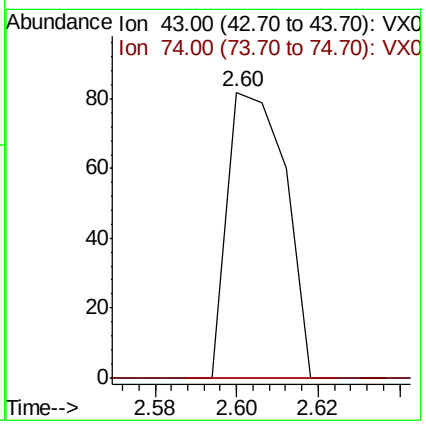


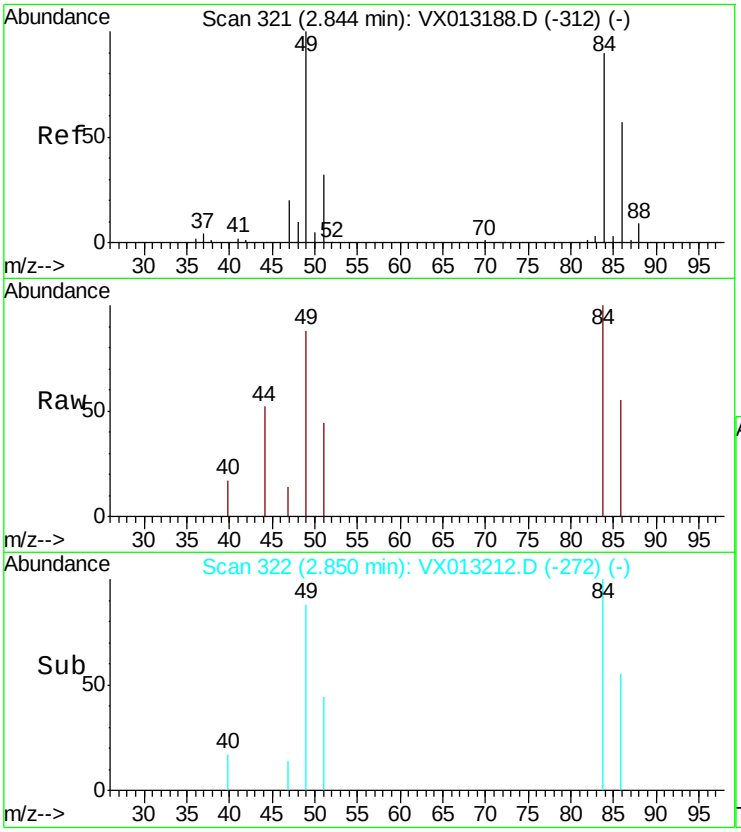


#18
Methyl Acetate
Concen: 1.014 ug/l
RT: 2.60 min Scan# 281
Delta R.T. -0.16 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion: 43 Resp: 81

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.9	31.3#



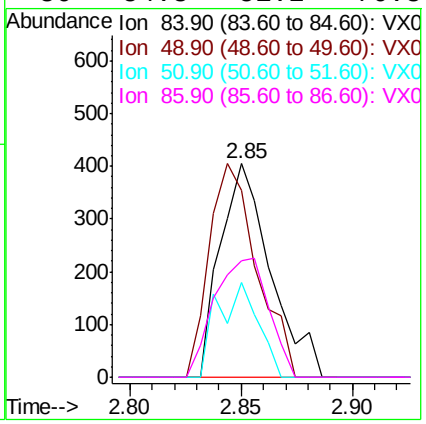


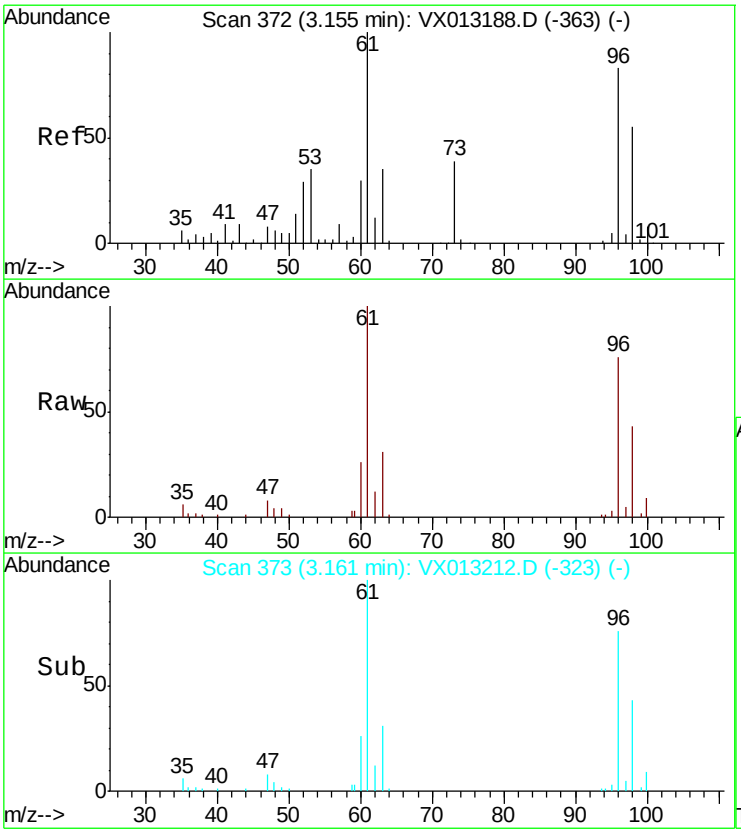
#20
Methylene Chloride
Concen: 0.712 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion: 84 Resp: 636

Ion	Ratio	Lower	Upper
84	100		
49	87.7	89.2	133.8#
51	44.4	28.8	43.2#
86	54.8	51.2	76.8

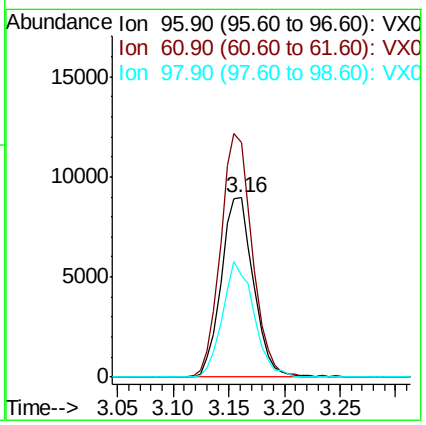


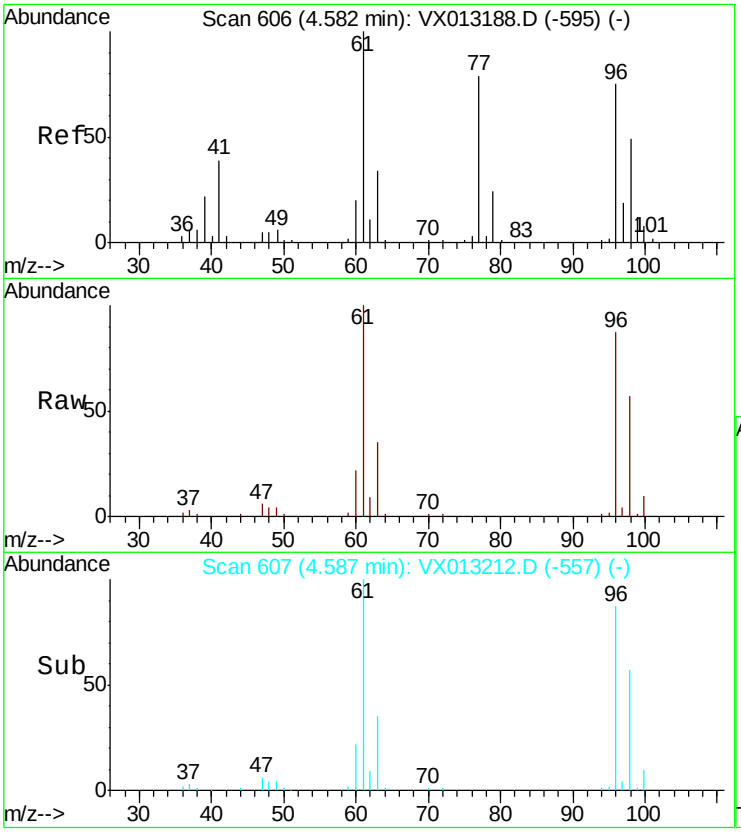


#21
trans-1,2-Dichloroethene
Concen: 12.893 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion: 96 Resp: 18003

Ion	Ratio	Lower	Upper
96	100		
61	130.9	96.9	145.3
98	56.7	53.0	79.4



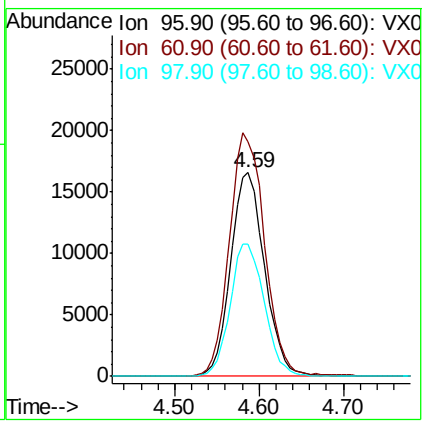


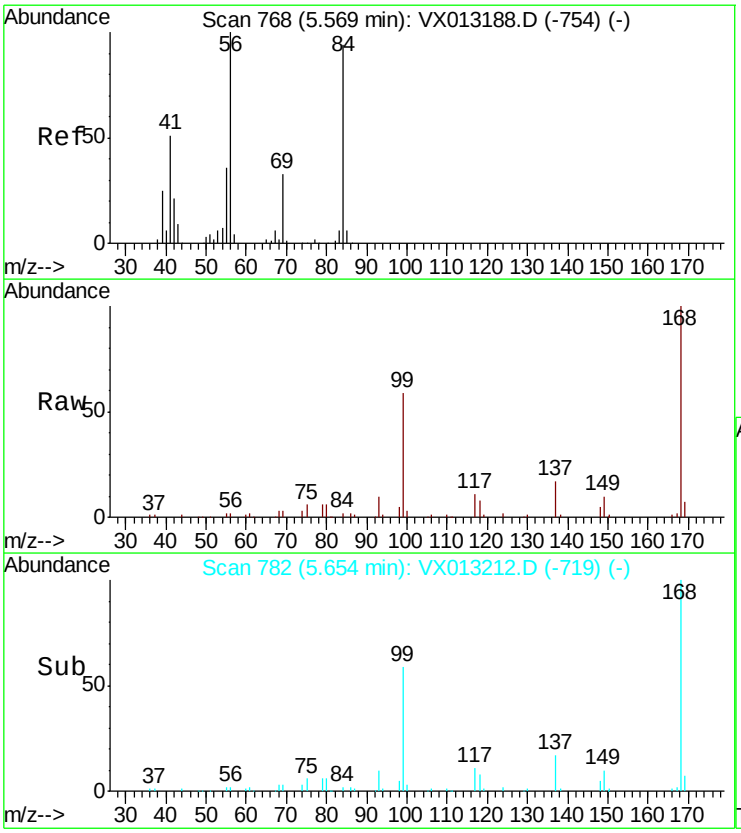
#27
cis-1,2-Dichloroethene
Concen: 26.662 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion: 96 Resp: 45066

Ion	Ratio	Lower	Upper
96	100		
61	124.5	0.0	290.4
98	65.5	0.0	130.4

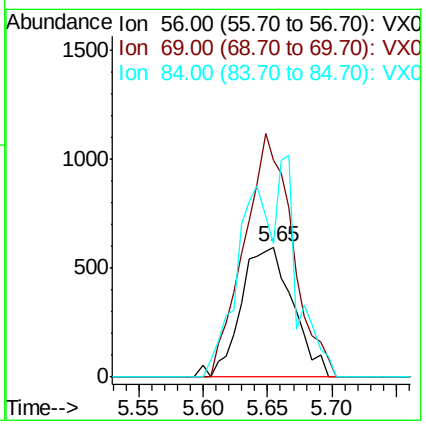


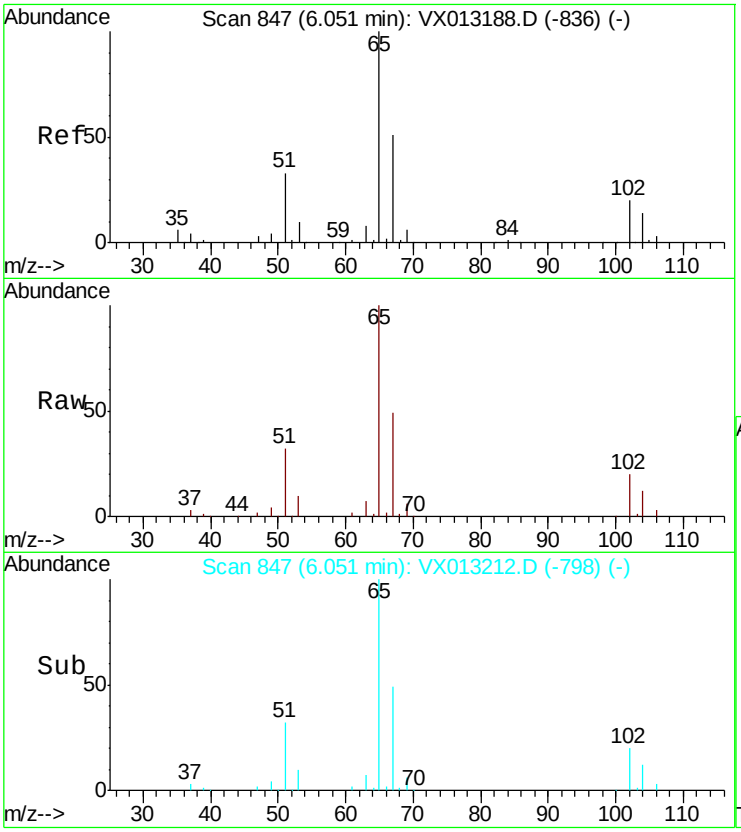


#31
Cyclohexane
Concen: 0.760 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.08 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion: 56 Resp: 1665

Ion	Ratio	Lower	Upper
56	100		
69	166.8	26.3	39.5#
84	103.0	73.8	110.6



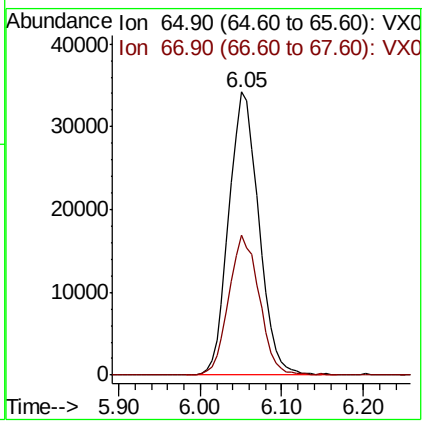


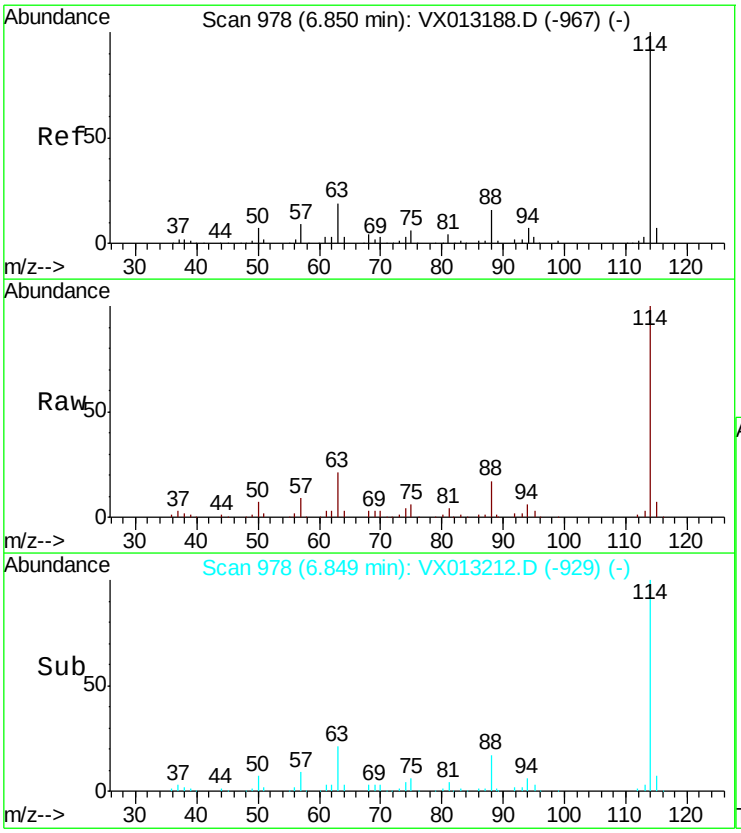
#33
1,2-Dichloroethane-d4
Concen: 51.516 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion: 65 Resp: 87297

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	102.6

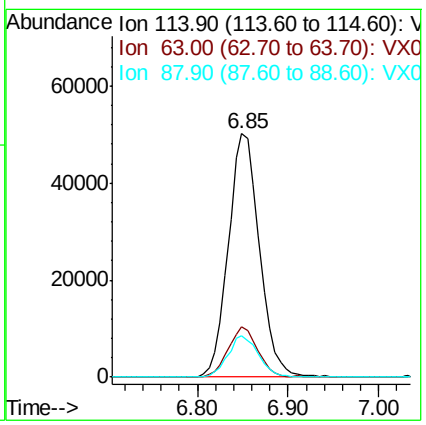


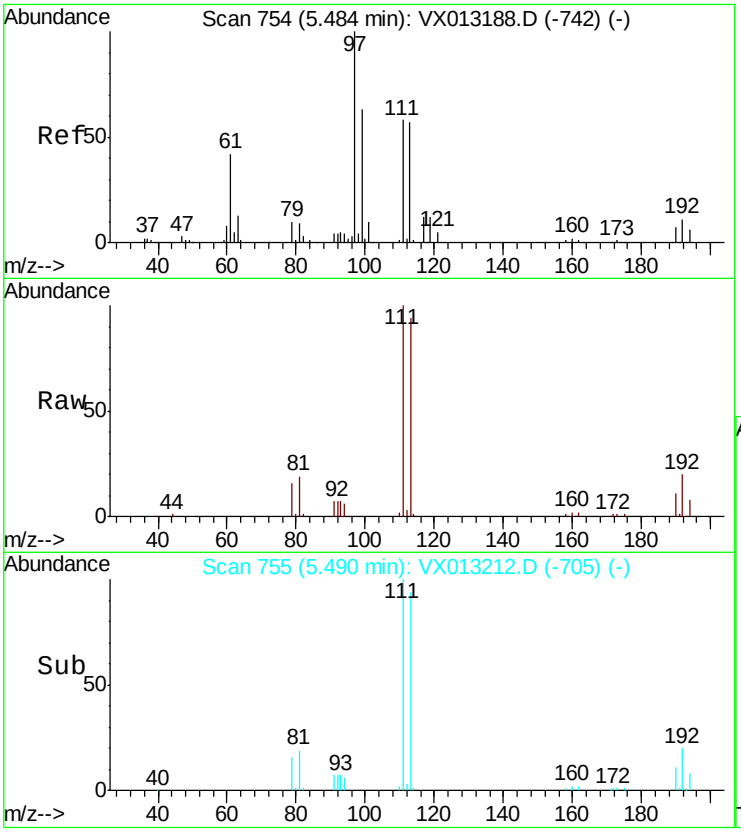


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion:114 Resp: 119502

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.0
88	17.2	0.0	32.0



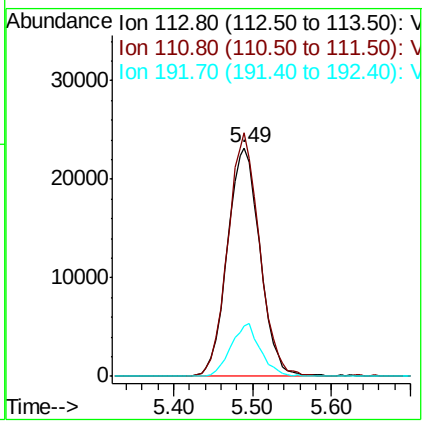


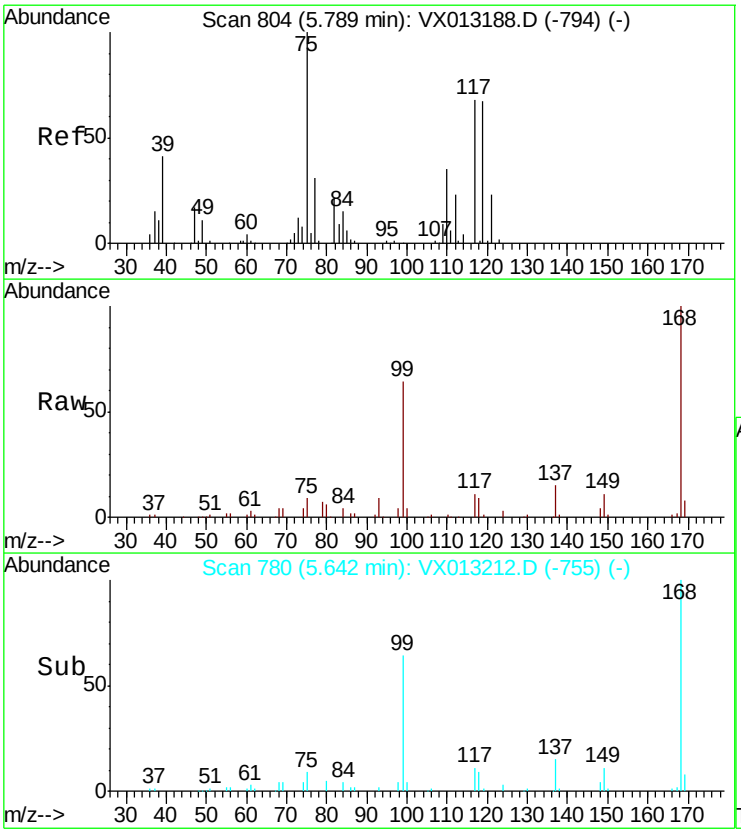
#35
Dibromofluoromethane
Concen: 50.125 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion:113 Resp: 66797

Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.3	120.5
192	20.7	15.9	23.9

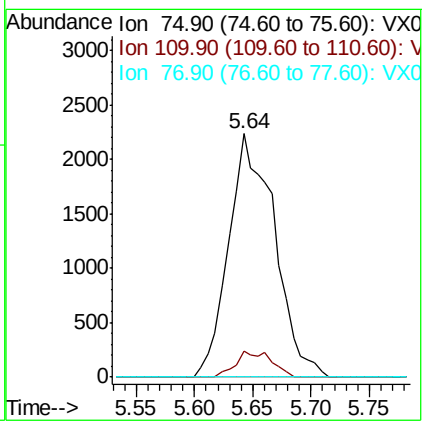


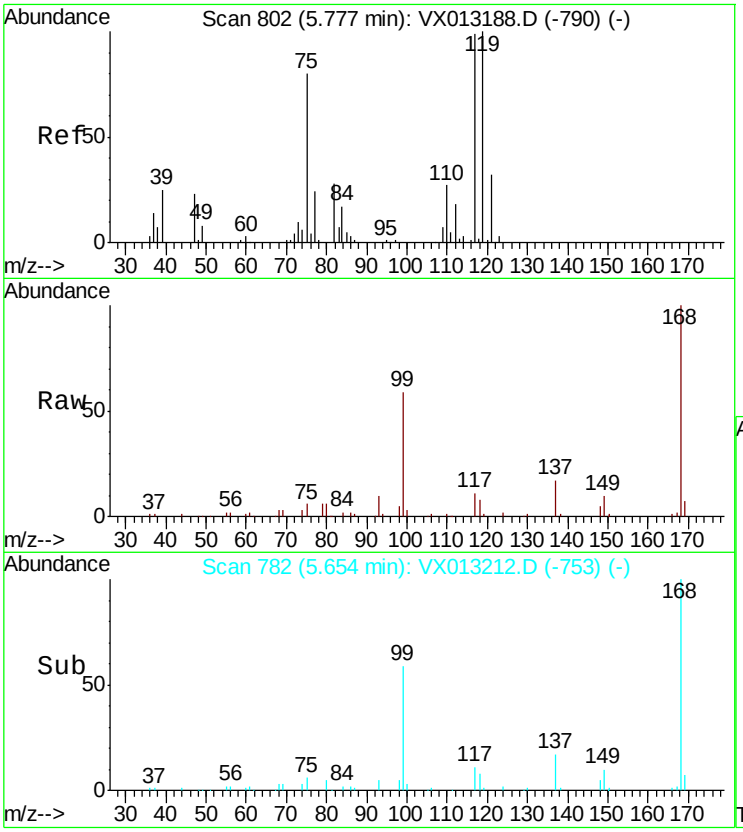


#36
1,1-Dichloropropene
Concen: 2.981 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion: 75 Resp: 6109

Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.6	52.9#
77	0.0	24.7	37.1#



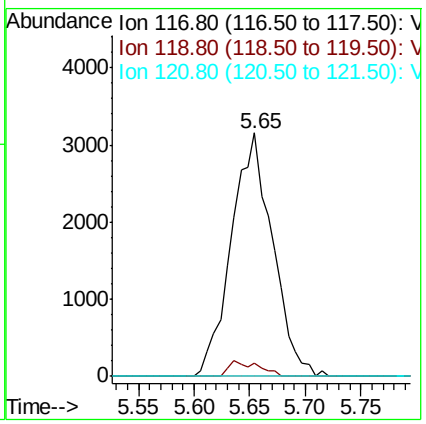


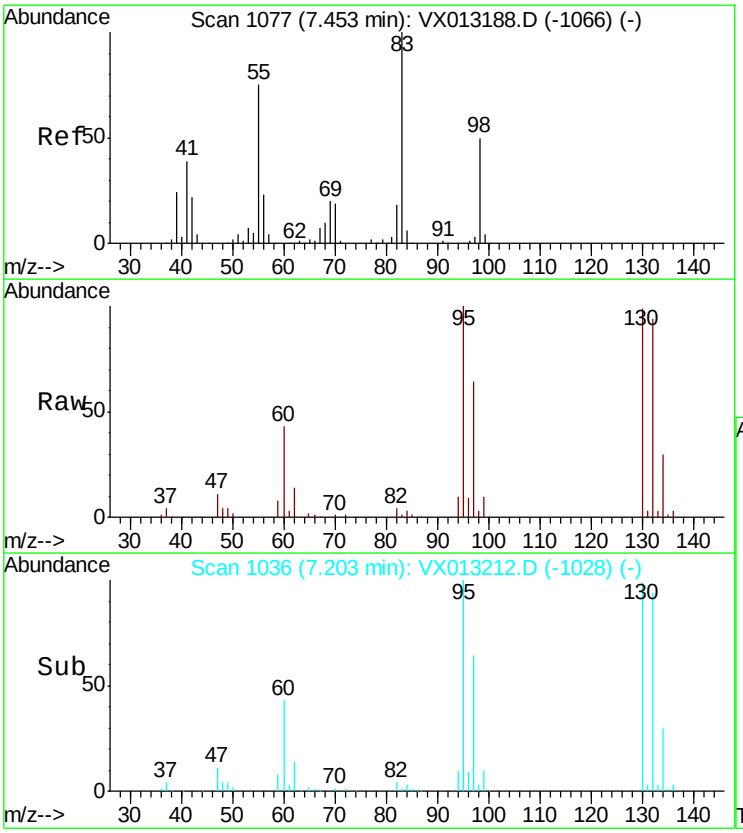
#38
Carbon Tetrachloride
Concen: 3.668 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion:117 Resp: 8101

Ion	Ratio	Lower	Upper
117	100		
119	5.4	80.1	120.1#
121	0.0	25.5	38.3#

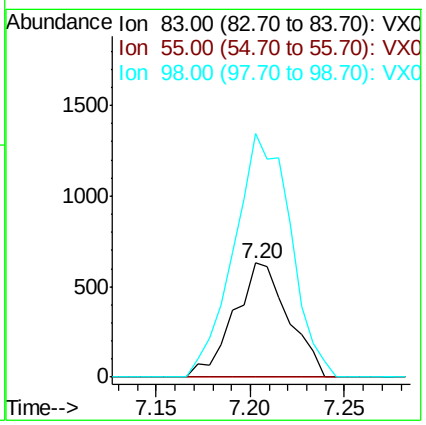


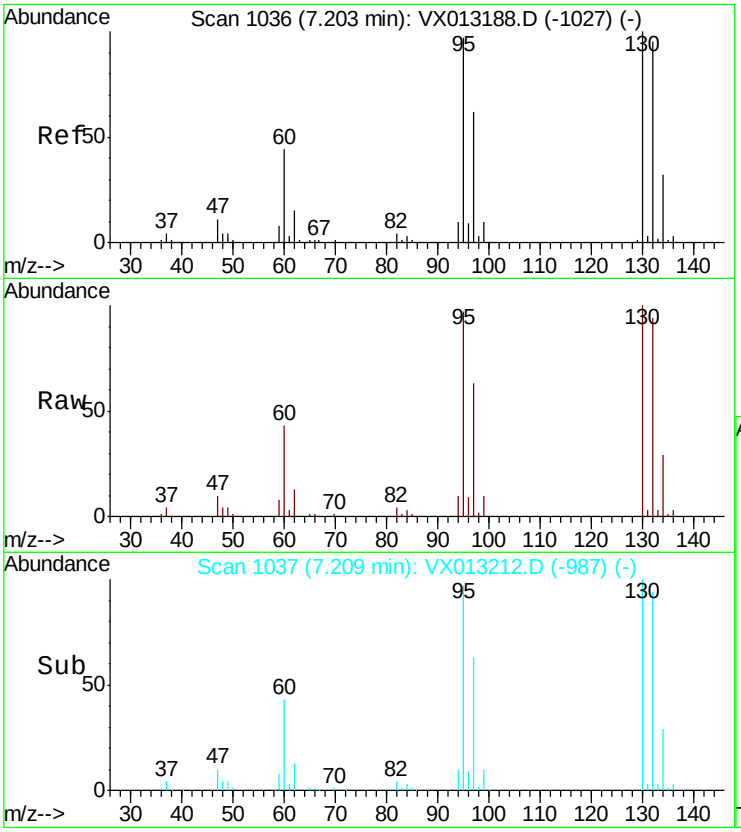


#39
Methylcyclohexane
Concen: 0.493 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.25 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion: 83 Resp: 1260

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.1	90.1#
98	213.2	39.8	59.8#



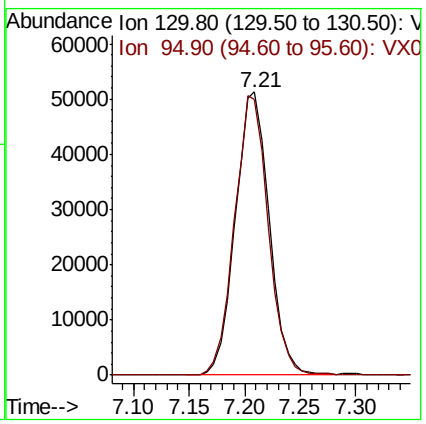


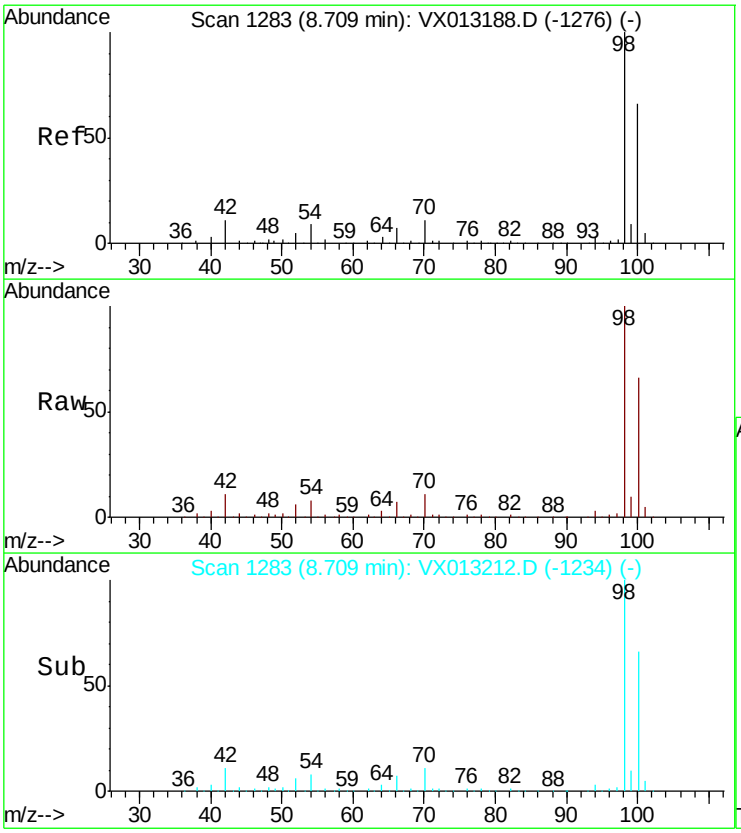
#44
Trichloroethene
Concen: 63.380 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion:130 Resp: 107972

Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	193.6

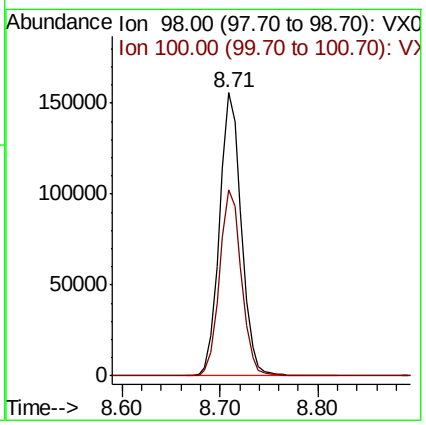


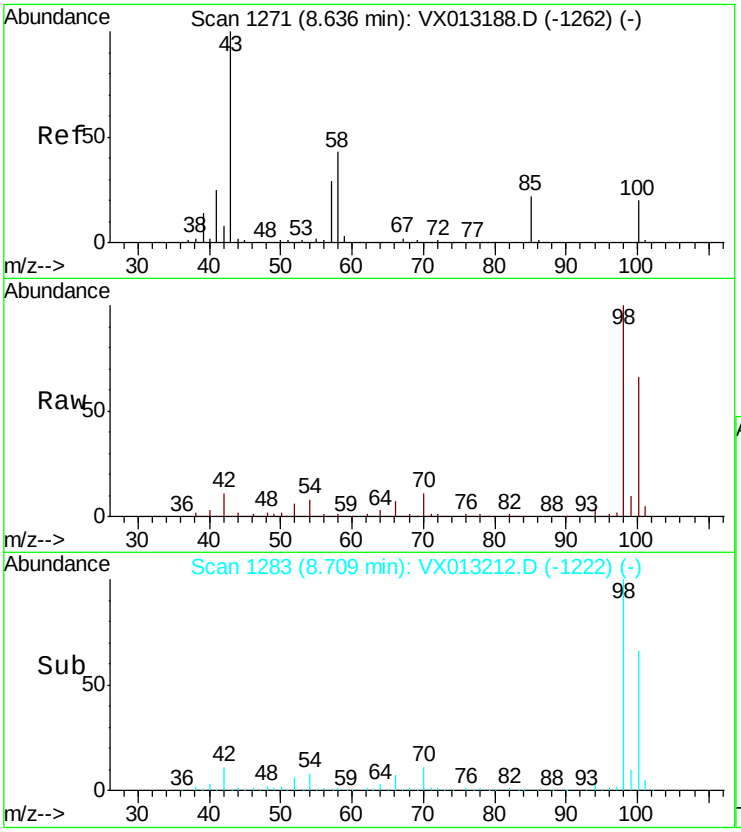


#50
Toluene-d8
Concen: 48.936 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion: 98 Resp: 241675

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.3	79.9



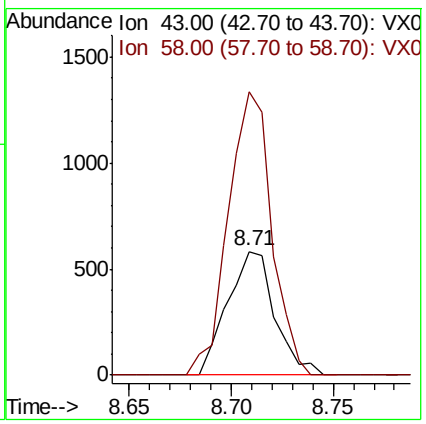


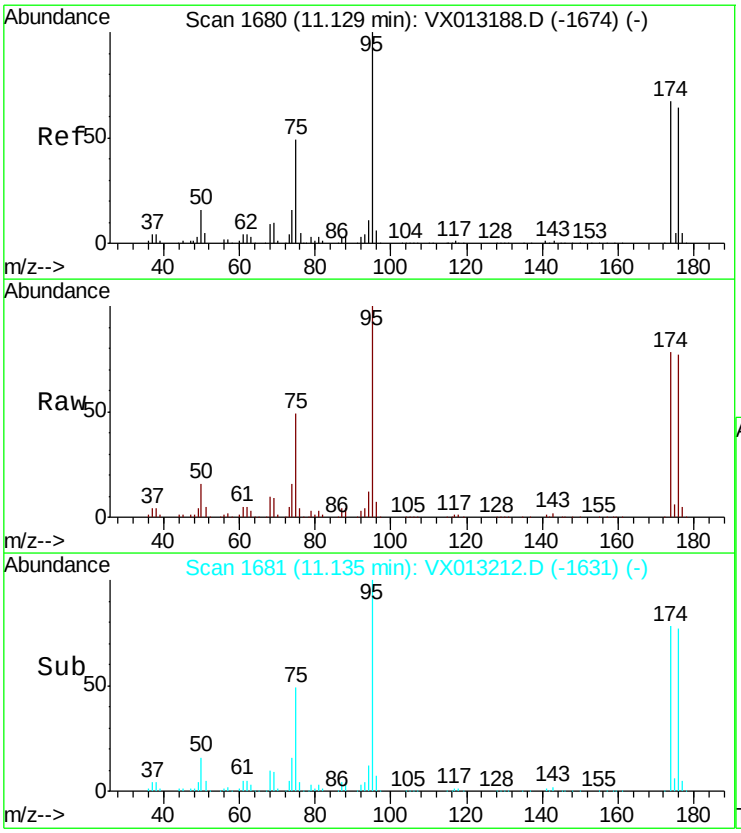
#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument : MSVOA_X
ClientSampleId : S32-0670DL

Tgt Ion: 43 Resp: 940

Ion	Ratio	Lower	Upper
43	100		
58	209.6	33.9	50.9#

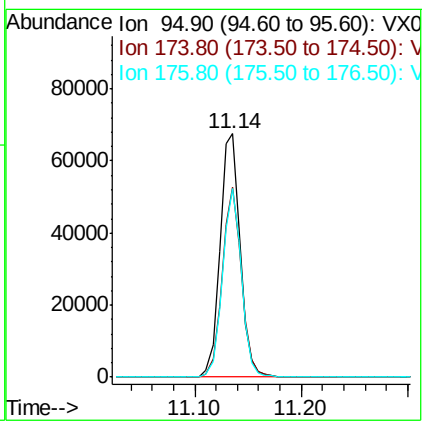


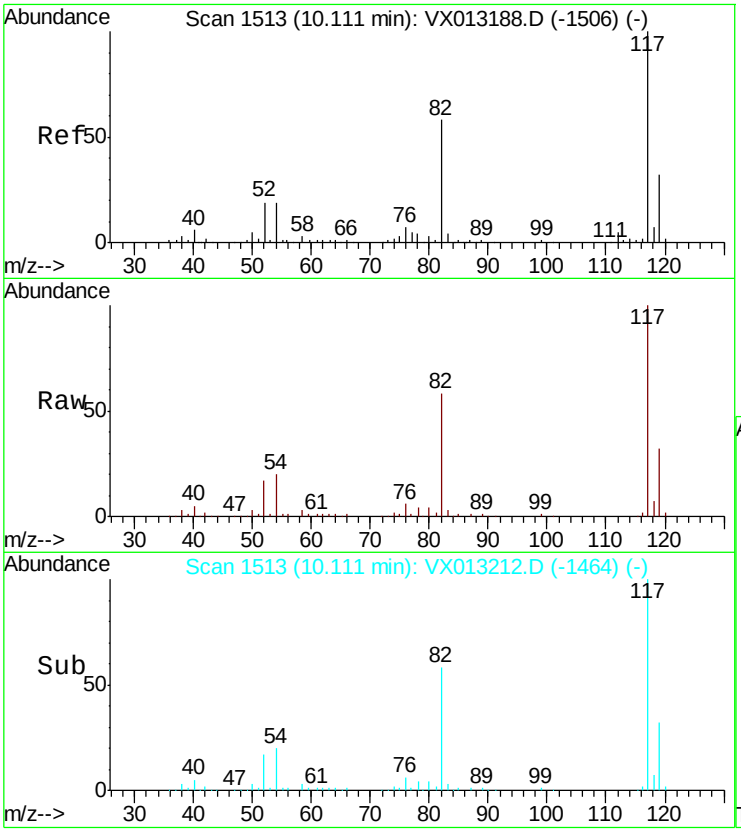


#62
4-Bromofluorobenzene
Concen: 45.453 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion: 95 Resp: 88847

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	152.4
176	73.3	0.0	146.0



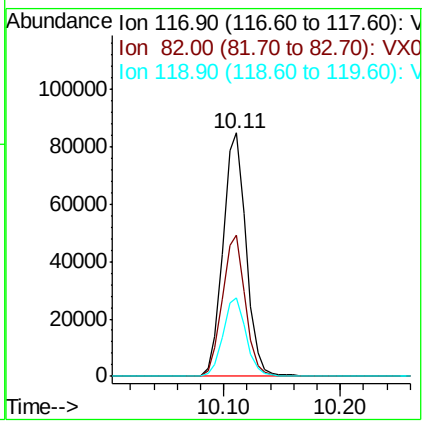


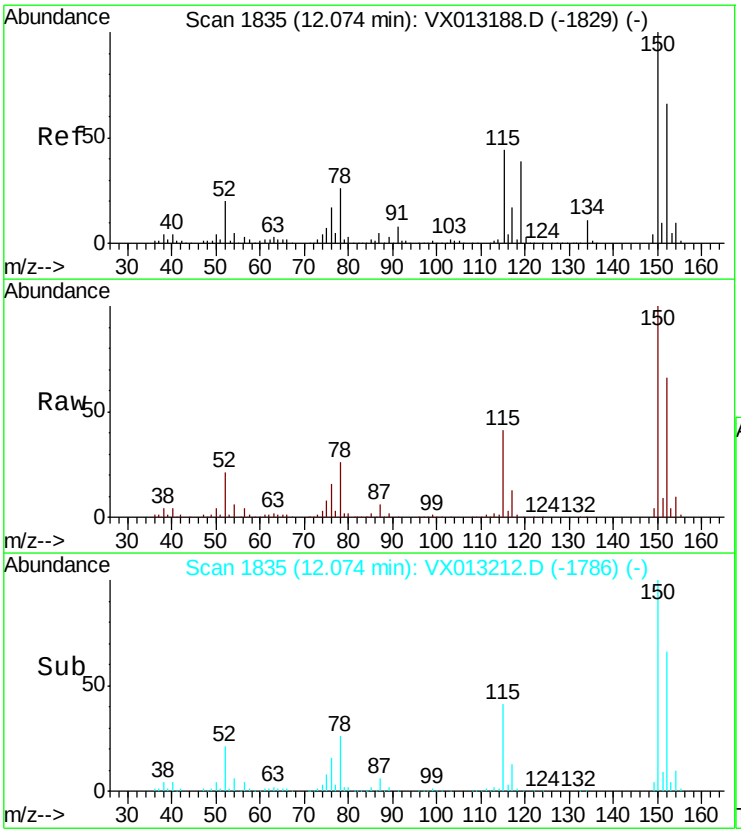
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion:117 Resp: 116649

Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.5	69.7
119	32.4	25.2	37.8

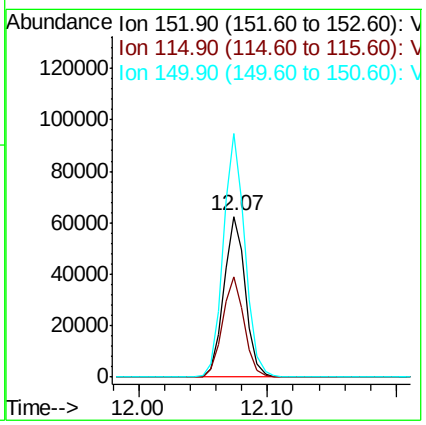


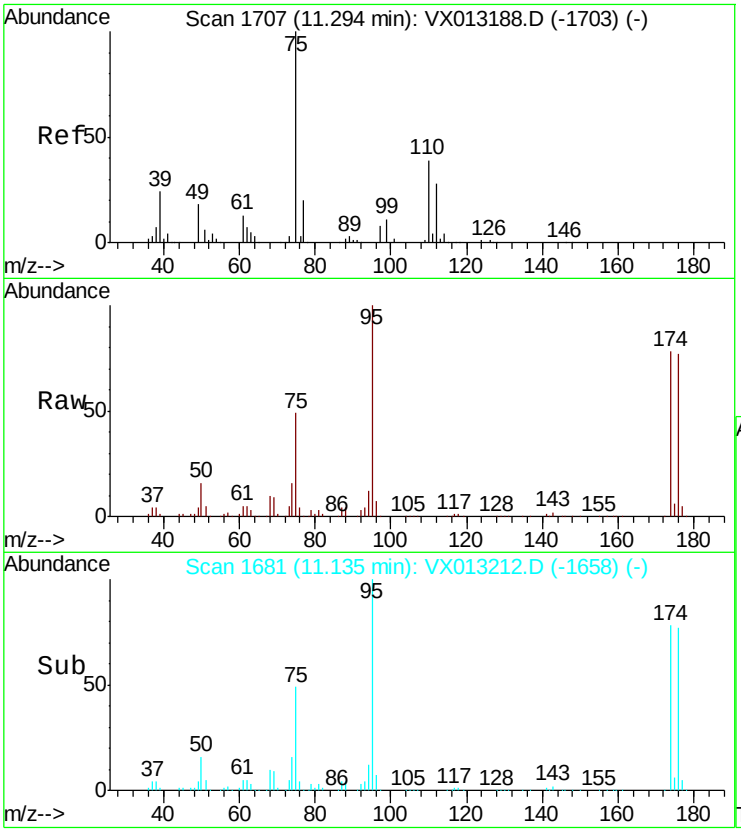


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion:152 Resp: 73563

Ion	Ratio	Lower	Upper
152	100		
115	62.3	46.6	139.8
150	152.1	0.0	354.0



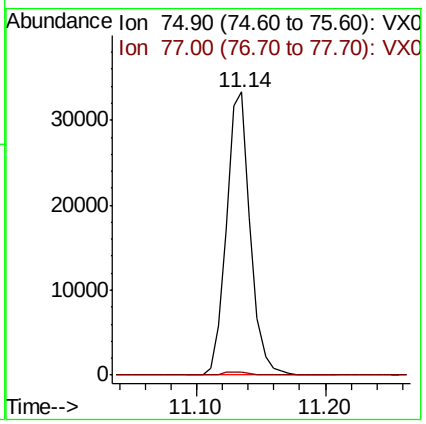


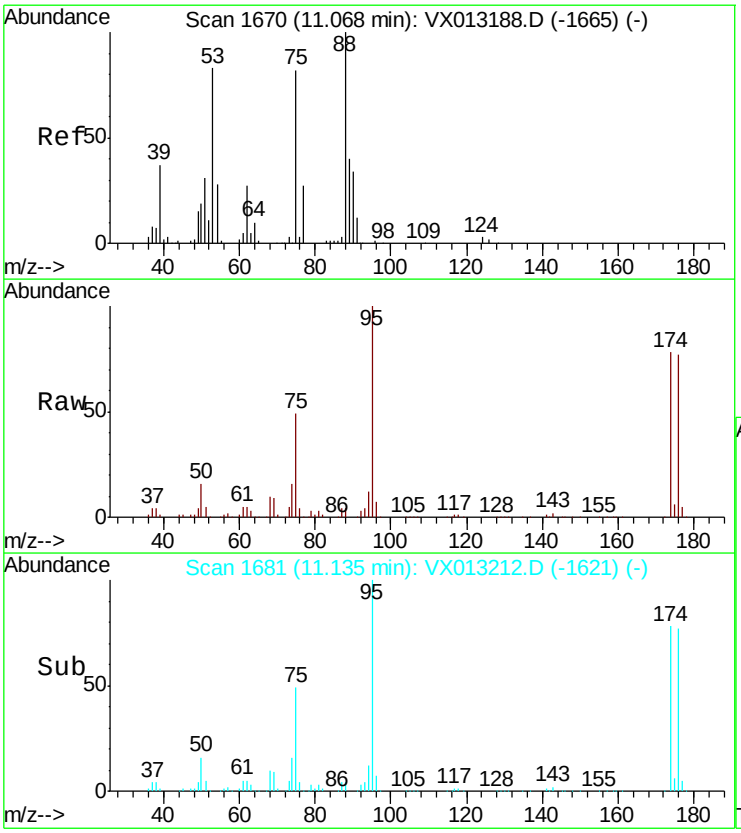
#76
1,2,3-Trichloropropane
Concen: 24.353 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion: 75 Resp: 43178

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#

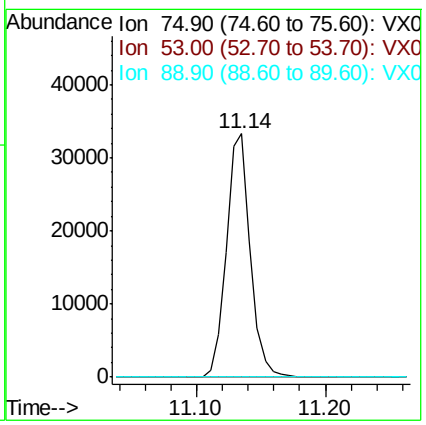


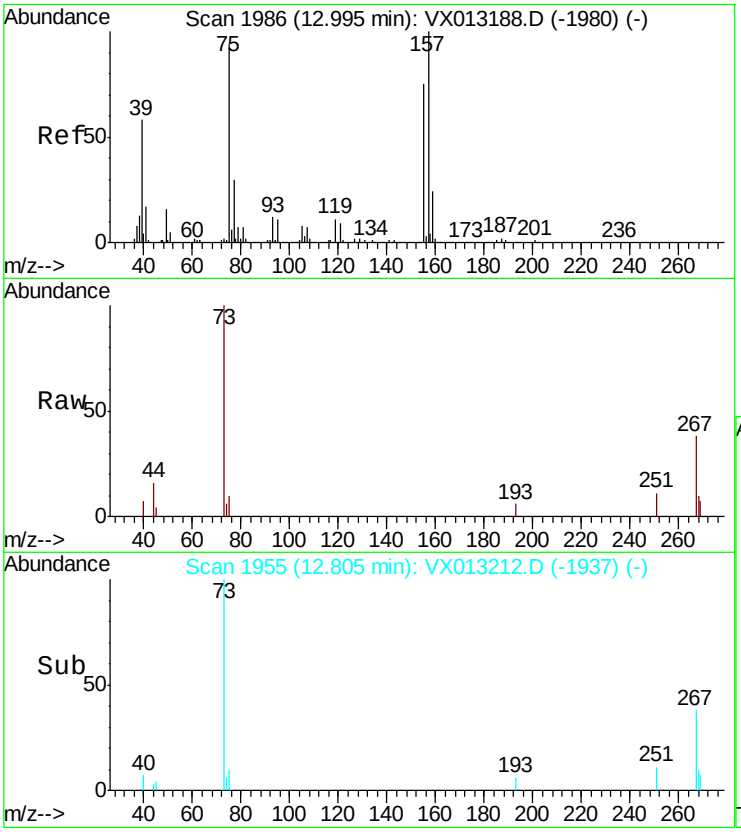


#81
trans-1,4-Dichloro-2-butene
Concen: 66.921 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Tgt Ion: 75 Resp: 43178

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.9	116.9#
89	0.0	37.3	55.9#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.204 ug/l
RT: 12.81 min Scan# 1955
Delta R.T. -0.19 min
Lab File: VX013212.D
Acq: 24 Oct 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
S32-0670DL

Tgt Ion: 75 Resp: 103

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.8	128.4#
157	0.0	54.3	162.8#