Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053019\
Data File : VX009954.D
Acq On : 30 May 2019 12:44
Operator : JC/SP
Sample : K3032-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0653

Quant Time: May 31 05:32:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	173853	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	276291	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	252233	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109660	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	118064	48.08	ug/l		0.00
Spiked Amount 50.000			Recovery =	96.16%			
35) Dibromofluoromethane	5.50	113	86769	49.95	ug/l		0.00
Spiked Amount 50.000			Recovery =	99.90%			
50) Toluene-d8	8.71	98	354476	50.25	ug/l		0.00
Spiked Amount 50.000			Recovery =	100.50%			
62) 4-Bromofluorobenzene	11.13	95	118888	46.92	ug/l		0.00
Spiked Amount 50.000			Recovery =	93.84%			
Target Compounds							Qvalue
4) Vinyl Chloride	1.41	62	2803048	1088.716	ug/l		99
5) Bromomethane	1.65	94	367	0.235	ug/l	#	54
10) Methyl Iodide	2.52	142	451	4.849	ug/l	#	80
11) Tert butyl alcohol	3.04	59	1237	2.047	ug/l	#	84
12) 1,1-Dichloroethene	2.37	96	1579	0.897	ug/l		90
13) Acrolein	2.29	56	259	21.650	ug/l		92
15) Acrylonitrile	3.15	53	328	0.225	ug/l	#	33
16) Acetone	2.44	43	3513	2.476	ug/l		93
17) Carbon Disulfide	2.57	76	1544	0.672	ug/l	#	90
21) trans-1,2-Dichloroethene	3.17	96	15468	7.896	ug/l		97
25) 2-Butanone	4.68	43	444	0.201	ug/l	#	54
27) cis-1,2-Dichloroethene	4.60	96	328462	145.249	ug/l		88
29) Tetrahydrofuran	5.15	42	489	0.345	ug/l	#	78
36) 1,1-Dichloropropene	5.67	75	14143	5.045	ug/l	#	51
38) Carbon Tetrachloride	5.66	117	16284	6.722	ug/l	#	15
40) Benzene	6.14	78	1732	0.208	ug/l		95
44) Trichloroethene	7.23	130	469	0.232	ug/l		63
49) 1,4-Dioxane	7.77	88	20	0.345	ug/l	#	1
68) m/p-Xylenes	10.36	106	792	0.226	ug/l		87
69) o-Xylene	10.69	106	1261	0.375	ug/l		88
76) 1,2,3-Trichloropropane	11.13	75	62120	23.689	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62120	58.610	ug/l	#	10
90) Hexachloroethane	12.69	117	248	0.207	ug/l	#	6

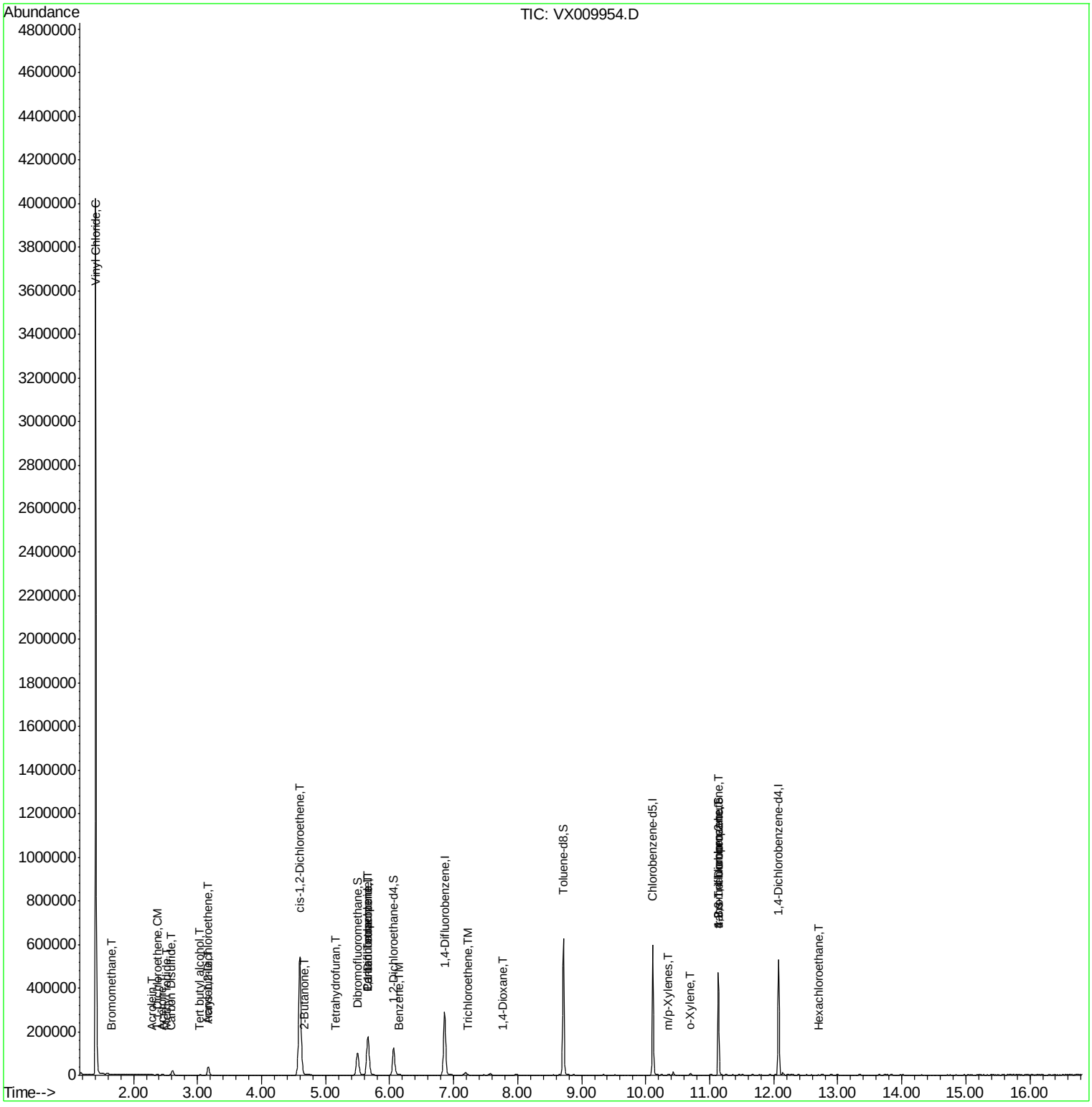
(#) = qualifier out of range (m) = manual integration (+) = signals summed

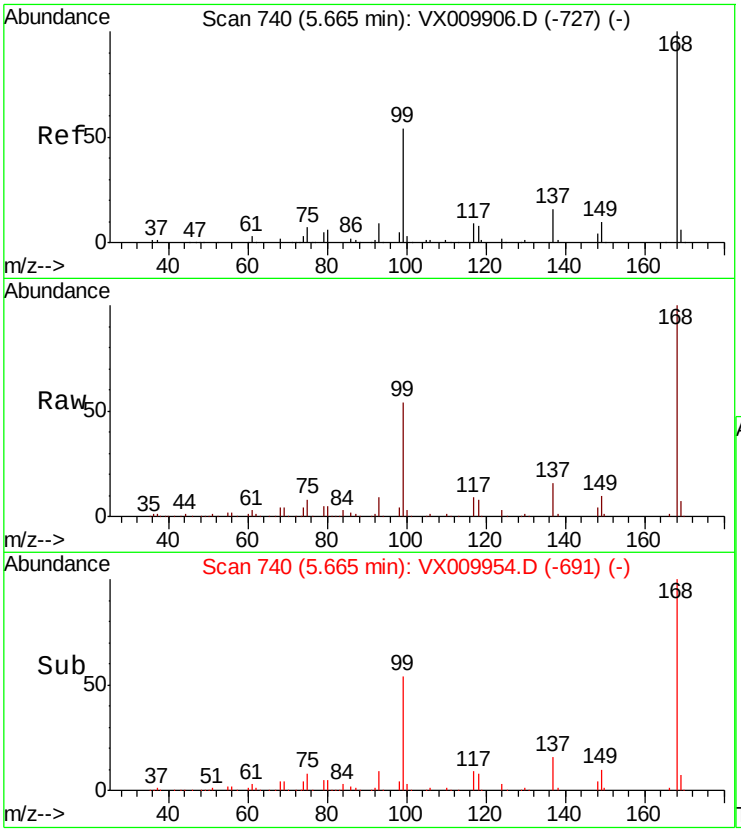
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053019\
Data File : VX009954.D
Acq On : 30 May 2019 12:44
Operator : JC/SP
Sample : K3032-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0653

Quant Time: May 31 05:32:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration



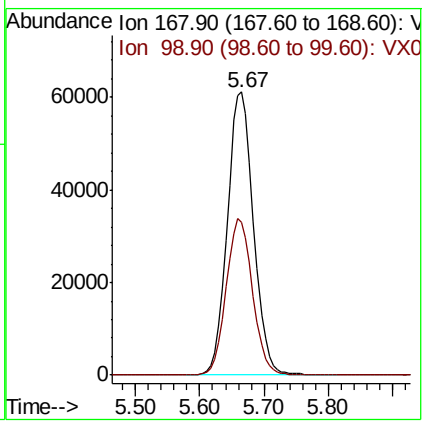


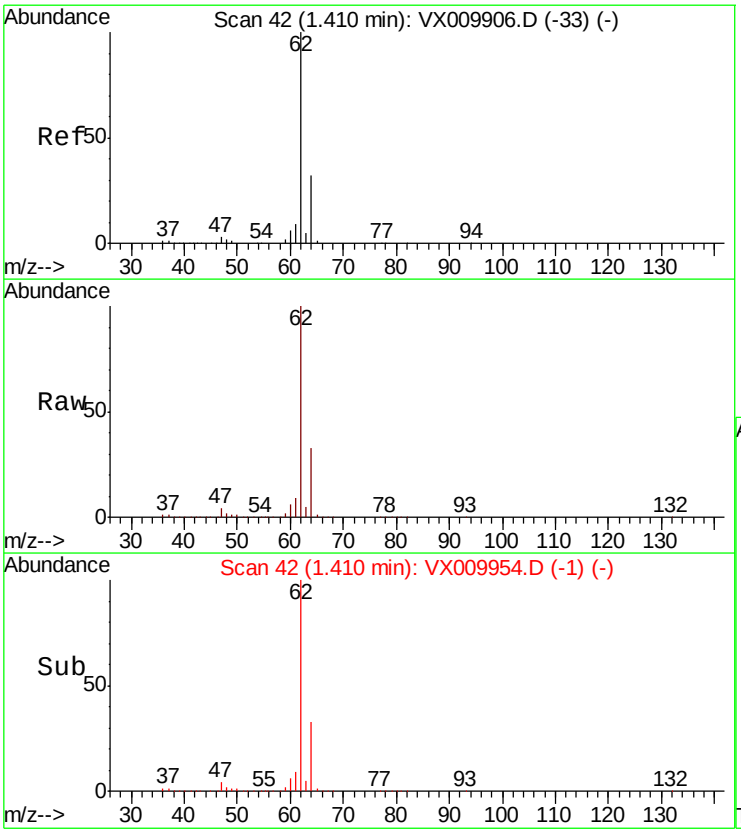
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion:168 Resp: 173853

Ion	Ratio	Lower	Upper
168	100		
99	54.2	43.0	64.6

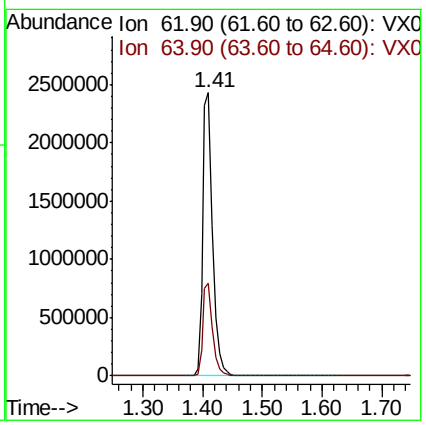


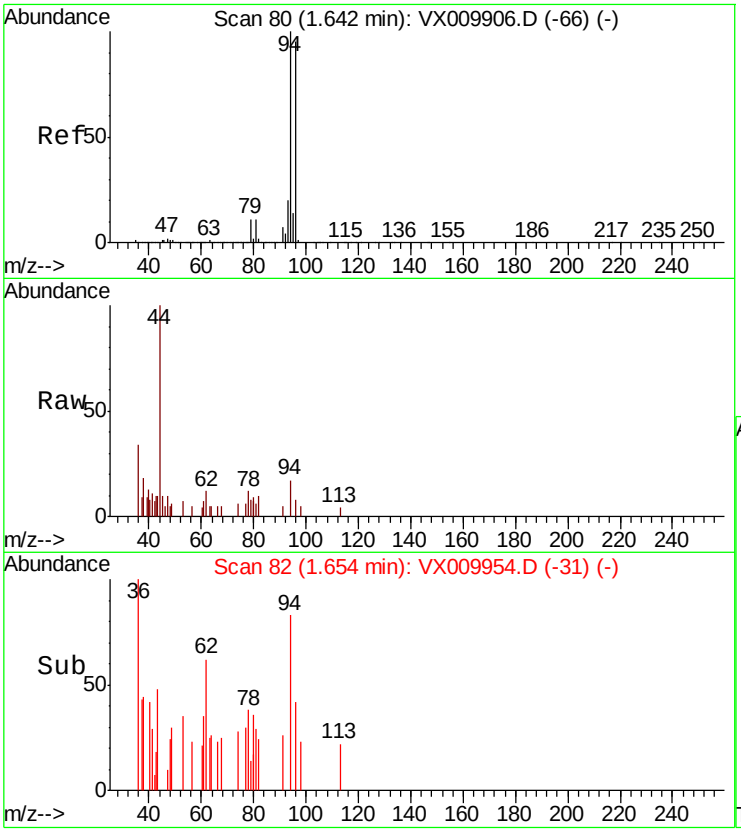


#4
Vinyl Chloride
Concen: 1088.716 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion: 62 Resp: 2803048

Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.7	38.5



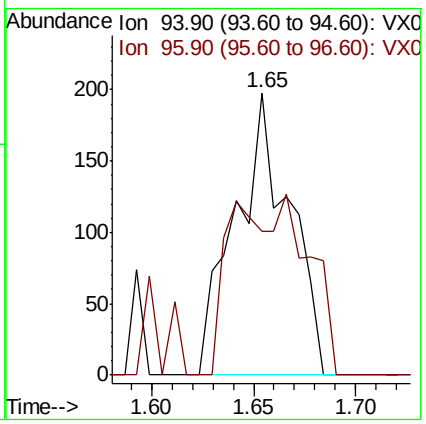


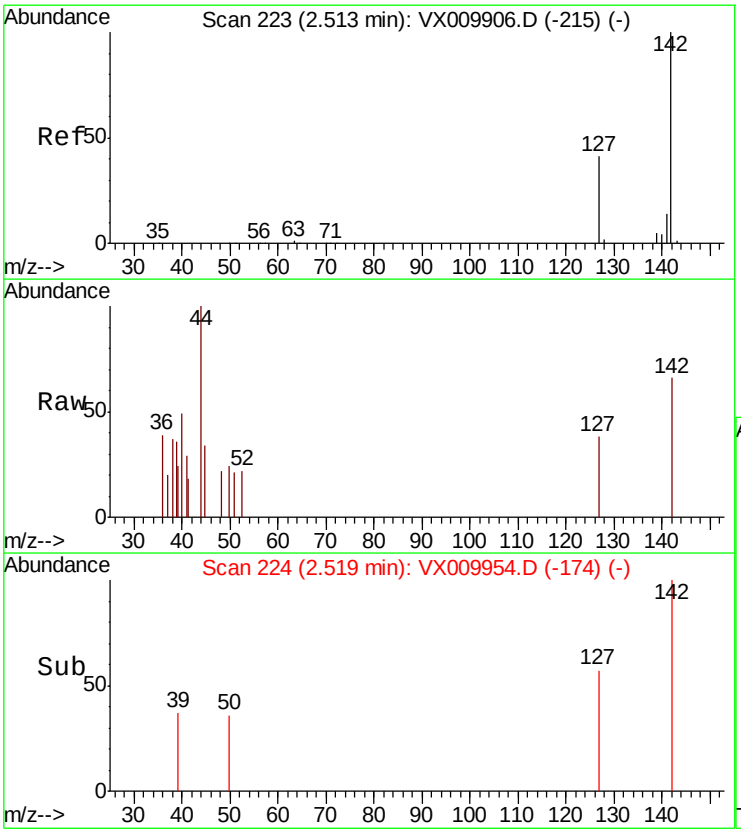
#5
Bromomethane
Concen: 0.235 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion: 94 Resp: 367

Ion	Ratio	Lower	Upper
94	100		
96	51.0	76.2	114.4#

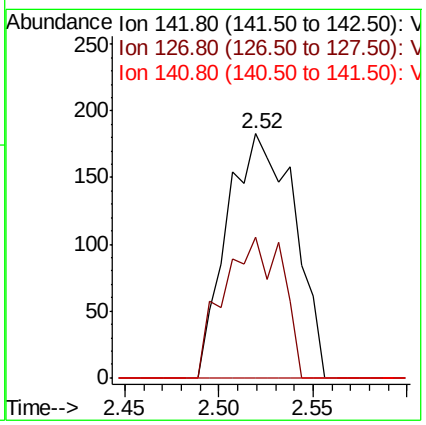


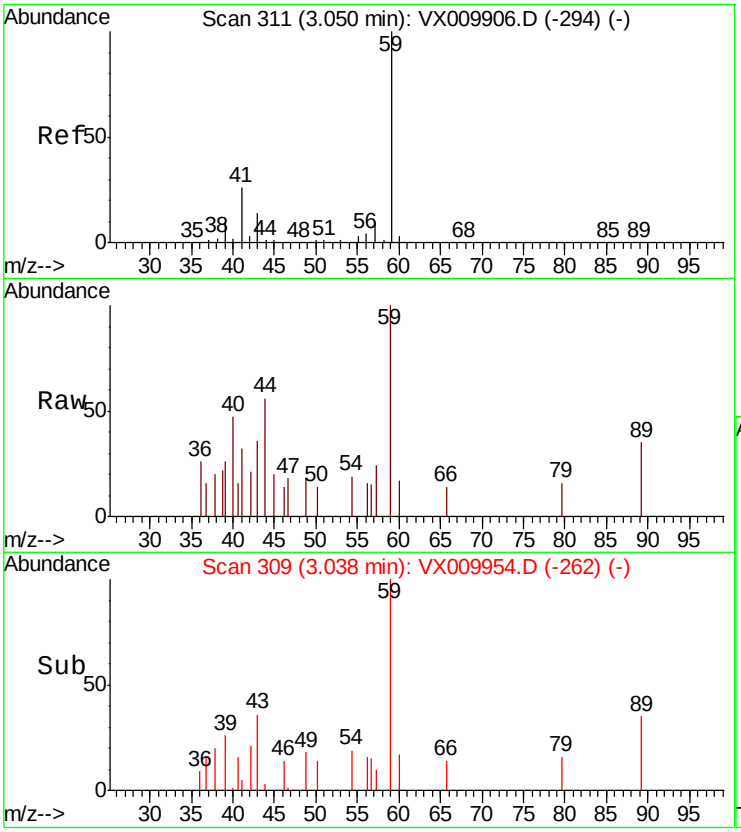


#10
Methyl Iodide
Concen: 4.849 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion:142 Resp: 451

Ion	Ratio	Lower	Upper
142	100		
127	50.3	33.0	49.4#
141	0.0	11.4	17.0#



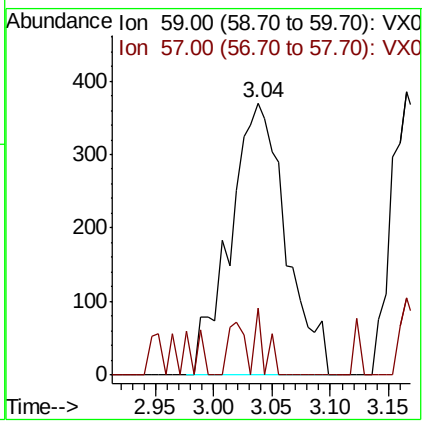


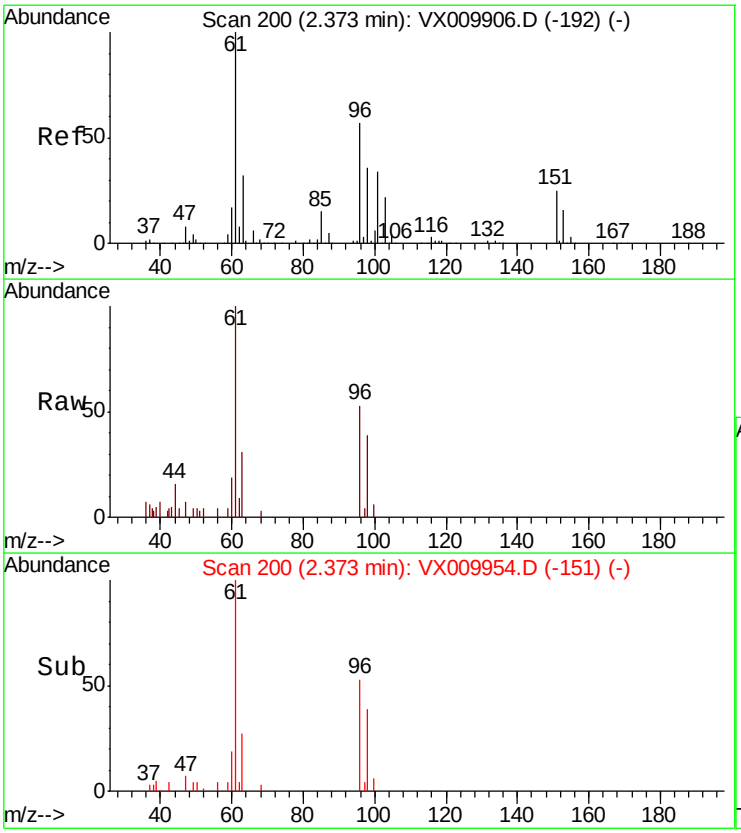
#11
Tert butyl alcohol
Concen: 2.047 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument : MSVOA_X
ClientSampleId : S32-0653

Tgt Ion: 59 Resp: 1237

Ion	Ratio	Lower	Upper
59	100		
57	4.3	8.2	12.2#

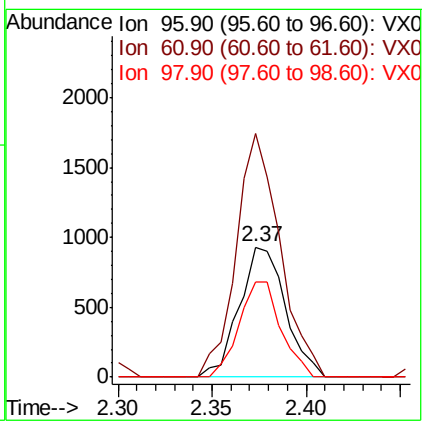


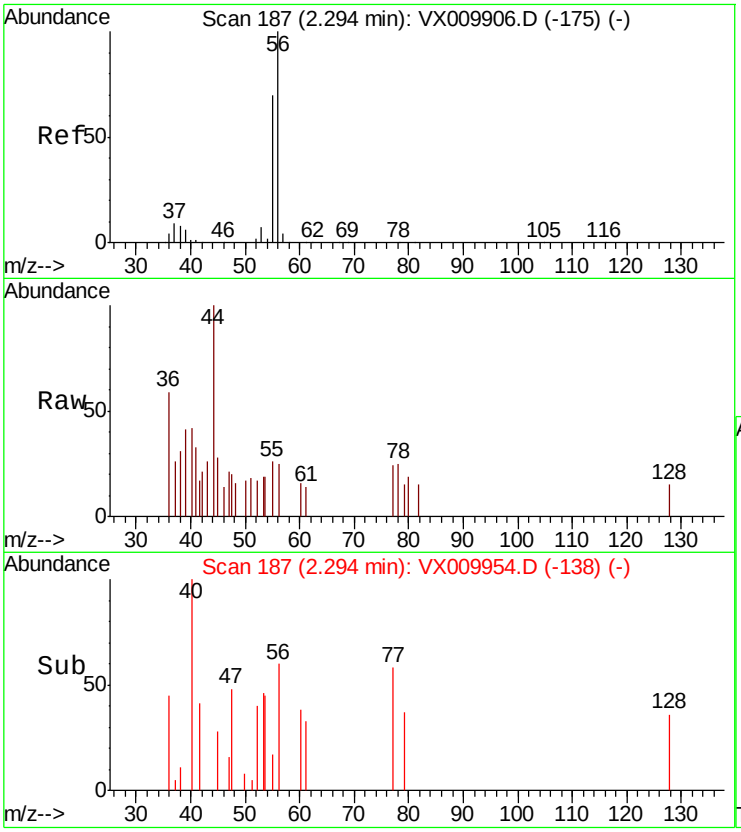


#12
1,1-Dichloroethene
Concen: 0.897 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion: 96 Resp: 1579

Ion	Ratio	Lower	Upper
96	100		
61	187.4	140.7	211.1
98	73.0	50.1	75.1



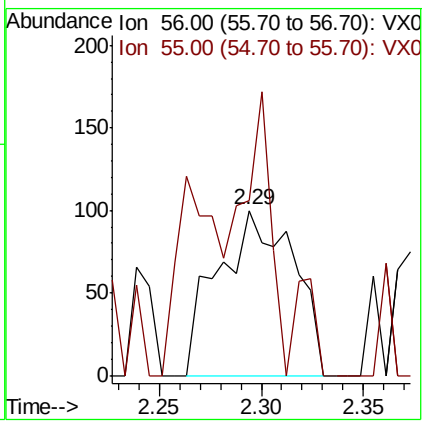


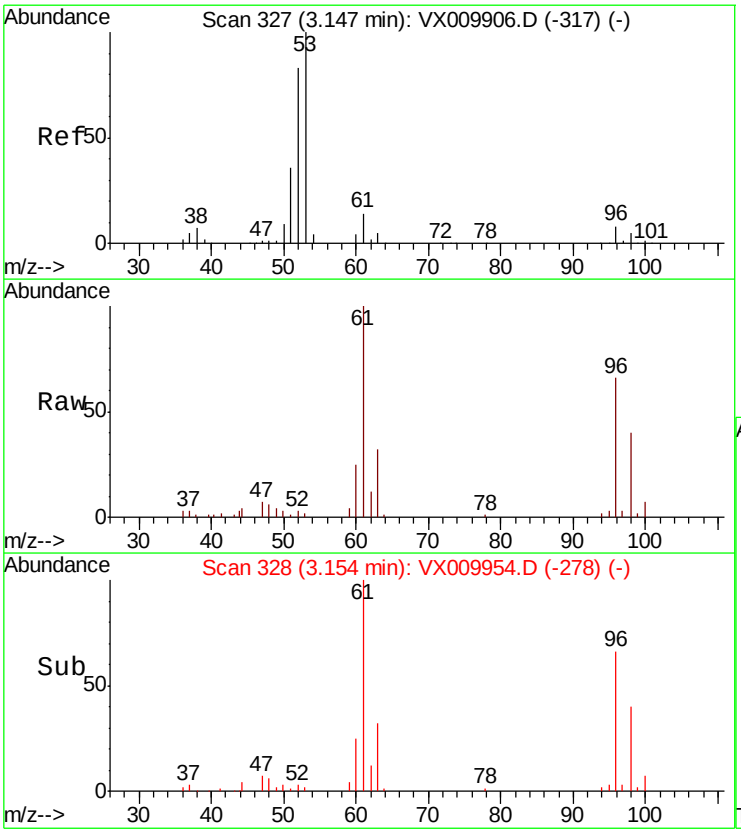
#13
Acrolein
Concen: 21.650 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion: 56 Resp: 259

Ion	Ratio	Lower	Upper
56	100		
55	64.5	57.0	85.4

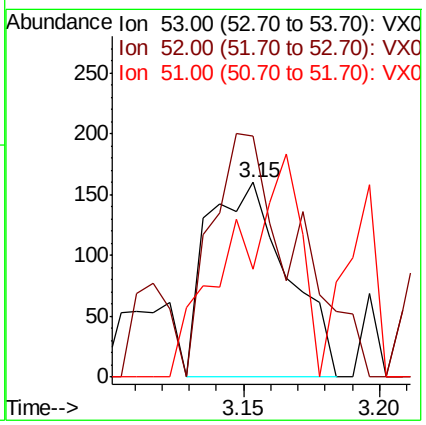


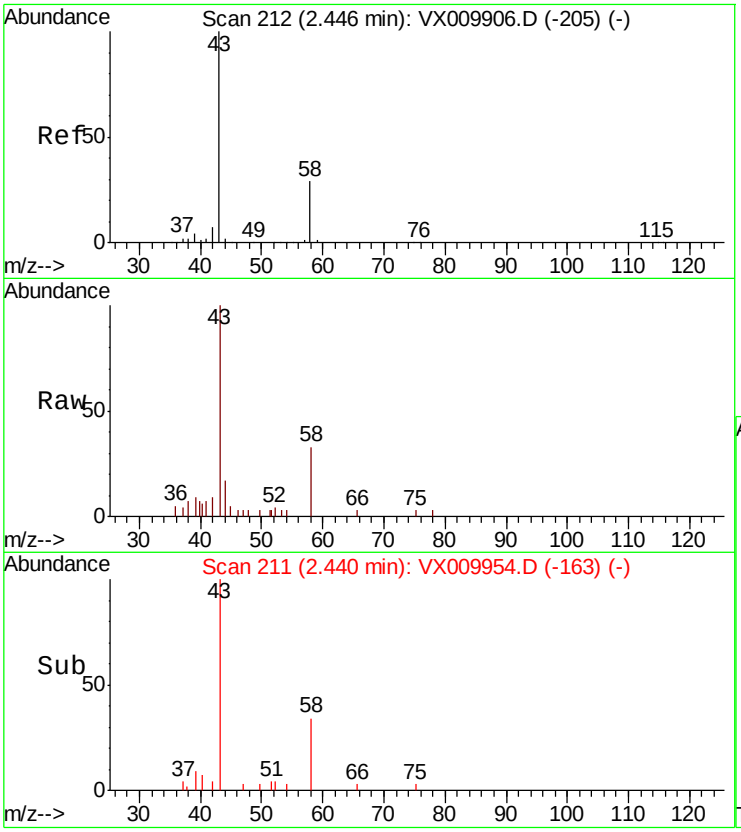


#15
Acrylonitrile
Concen: 0.225 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion: 53 Resp: 328

Ion	Ratio	Lower	Upper
53	100		
52	129.9	66.7	100.1#
51	96.6	28.8	43.2#



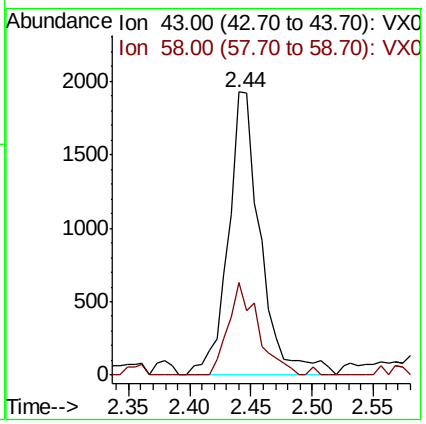


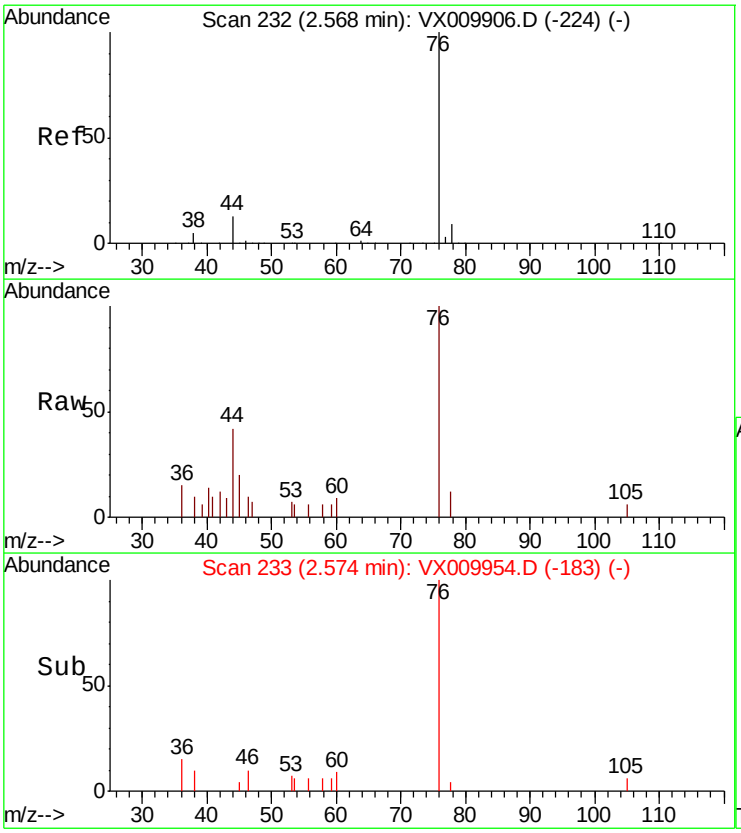
#16
Acetone
Concen: 2.476 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion: 43 Resp: 3513

Ion	Ratio	Lower	Upper
43	100		
58	32.5	23.2	34.8

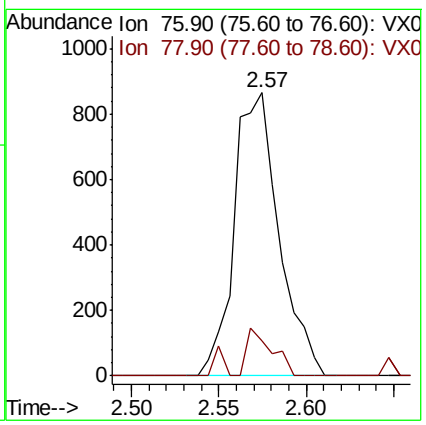


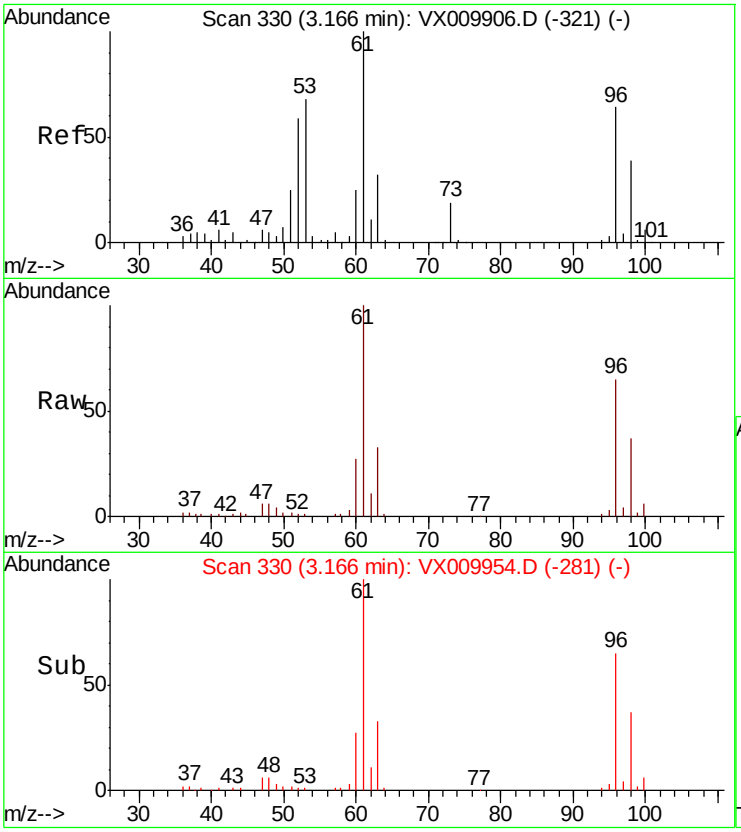


#17
Carbon Disulfide
Concen: 0.672 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion: 76 Resp: 1544

Ion	Ratio	Lower	Upper
76	100		
78	12.4	7.0	10.6#



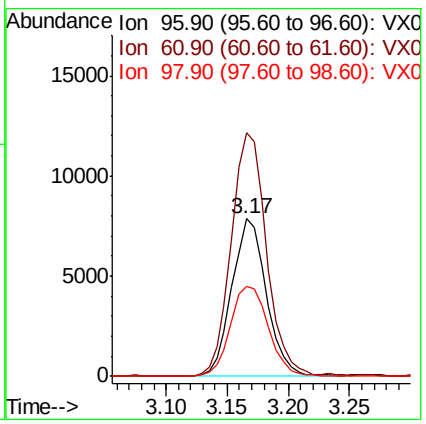


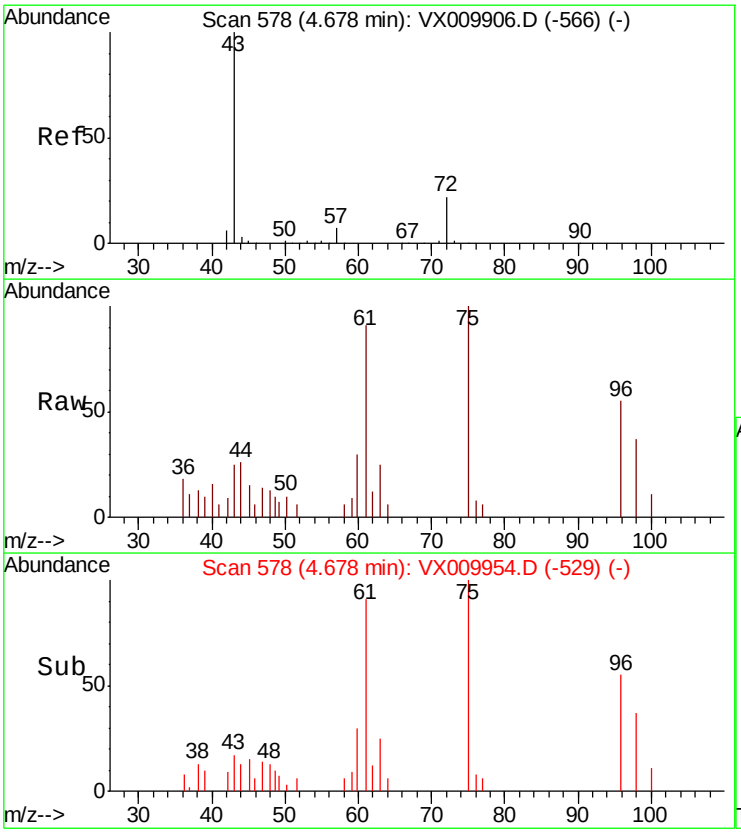
#21
trans-1,2-Dichloroethene
Concen: 7.896 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion: 96 Resp: 15468

Ion	Ratio	Lower	Upper
96	100		
61	154.7	125.7	188.5
98	57.0	49.0	73.6

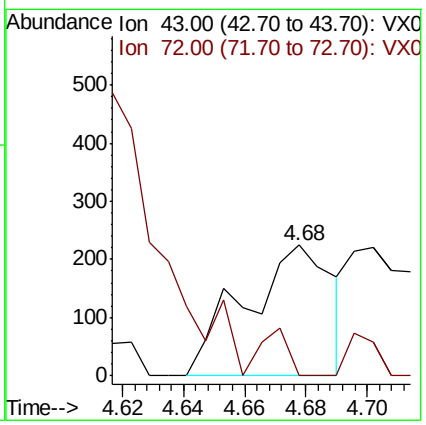


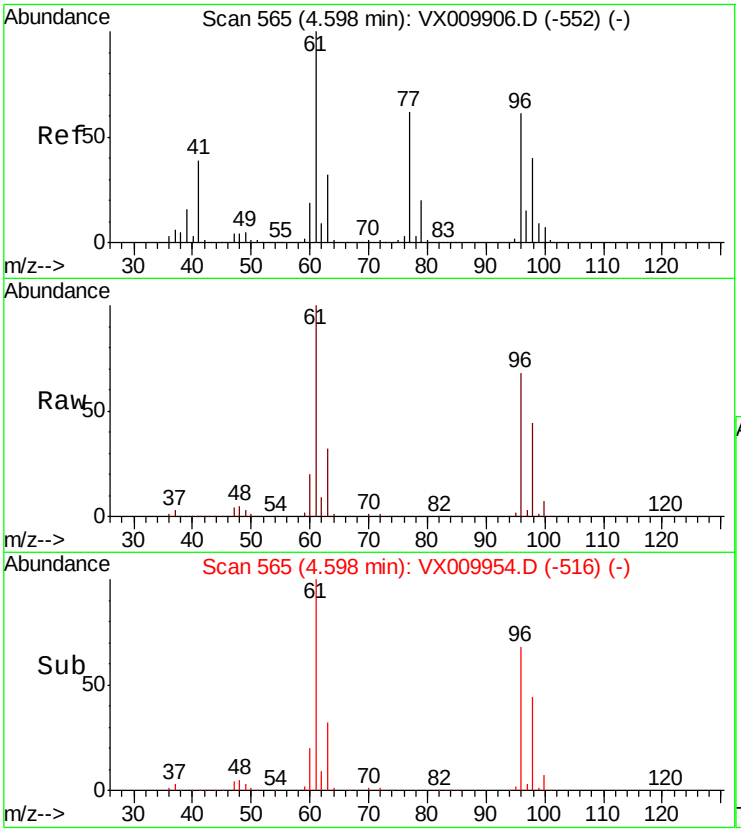


#25
2-Butanone
Concen: 0.201 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion: 43 Resp: 444

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.5	26.3#



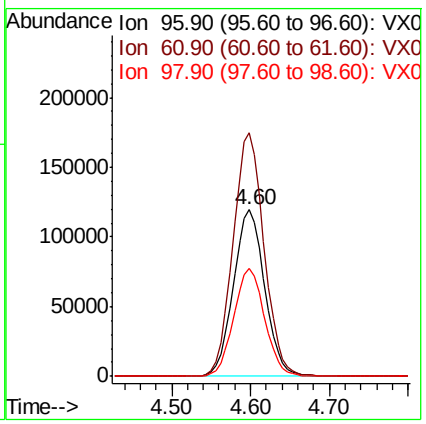


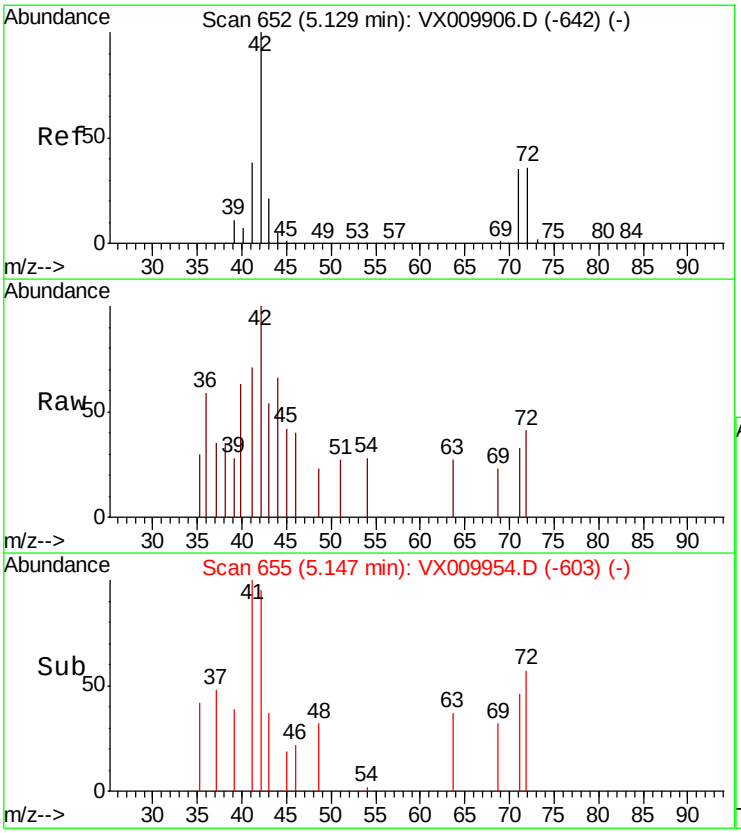
#27
cis-1,2-Dichloroethene
Concen: 145.249 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion: 96 Resp: 328462

Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	334.0
98	64.2	0.0	131.6

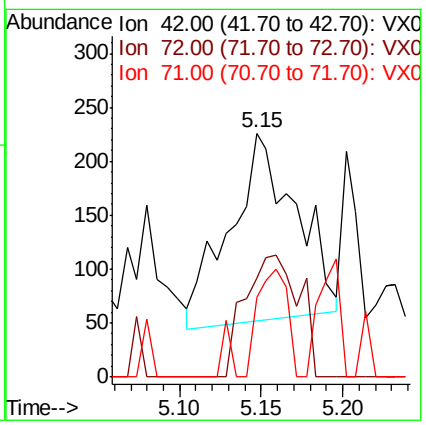


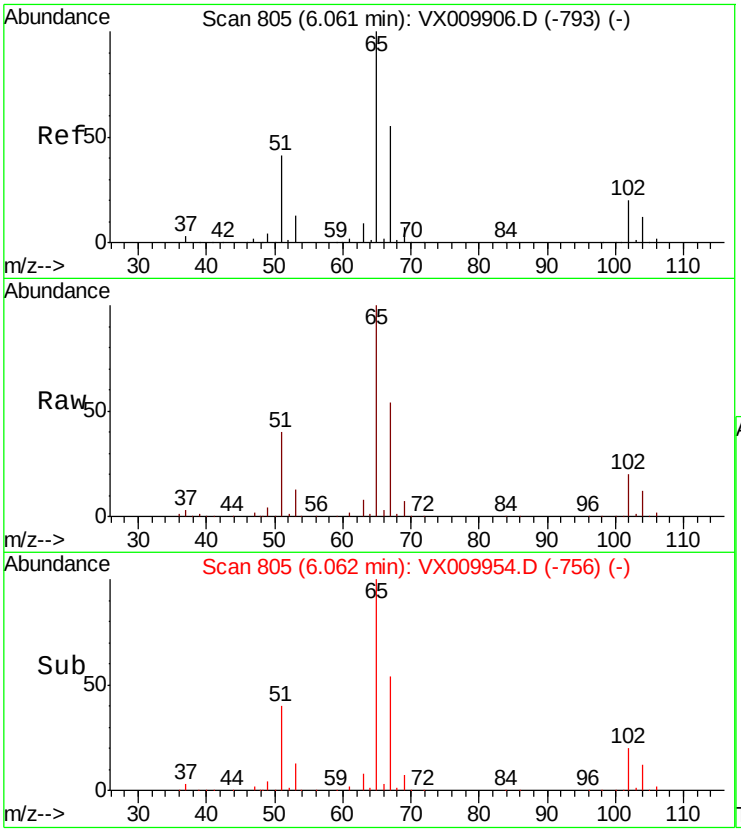


#29
Tetrahydrofuran
Concen: 0.345 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion: 42 Resp: 489

Ion	Ratio	Lower	Upper
42	100		
72	53.2	29.2	43.8#
71	26.0	27.6	41.4#



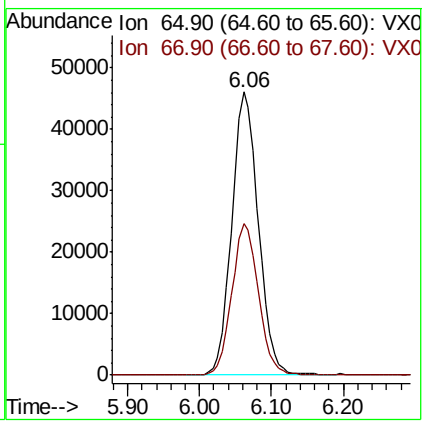


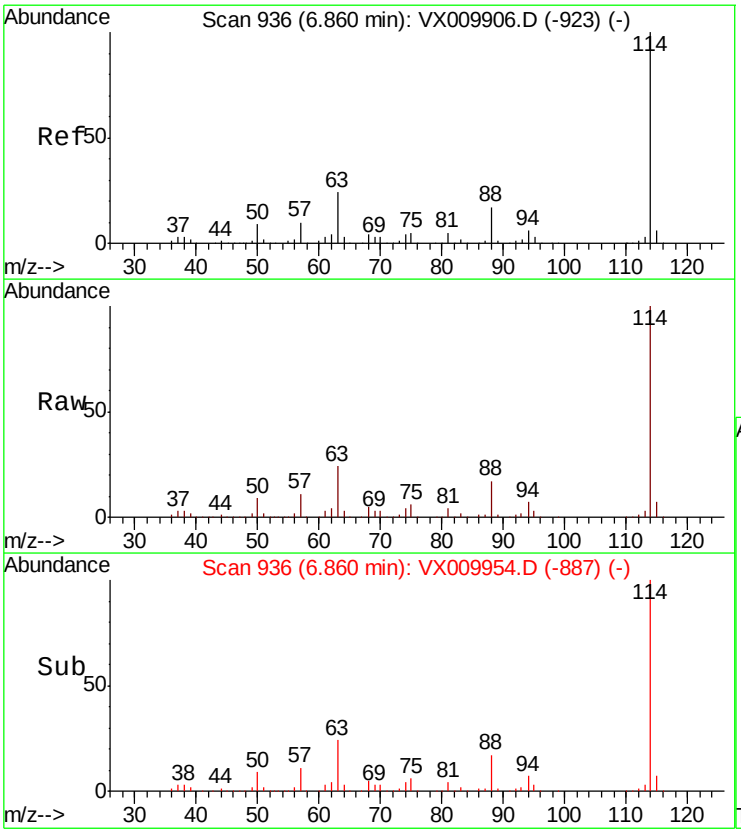
#33
1,2-Dichloroethane-d4
Concen: 48.075 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion: 65 Resp: 118064

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	108.4

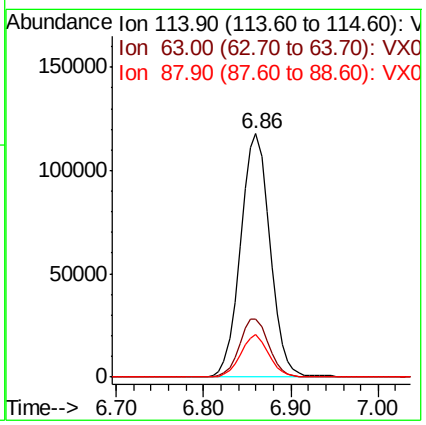


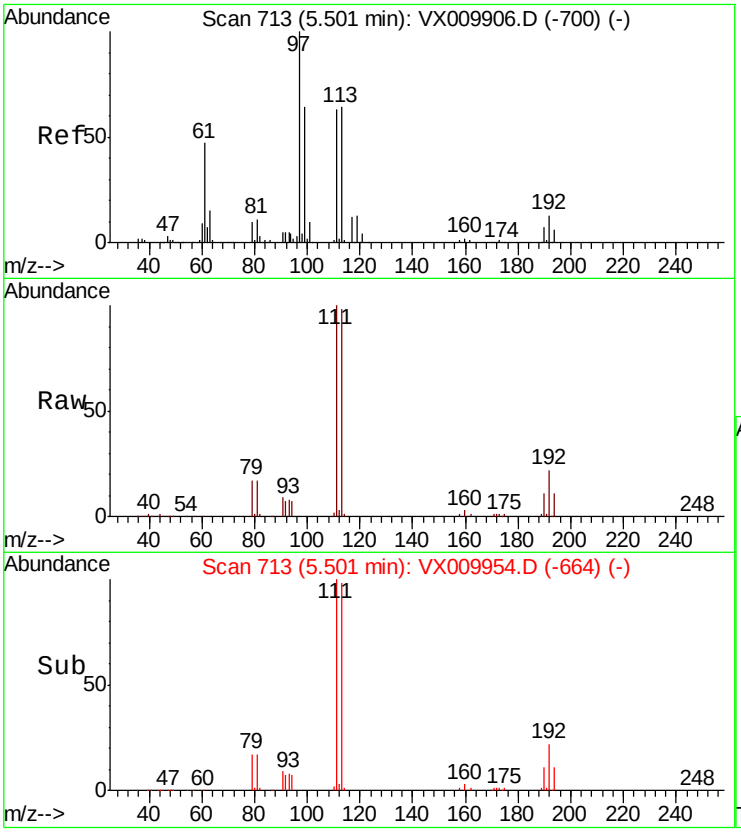


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion:114 Resp: 276291

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	47.4
88	17.3	0.0	33.0



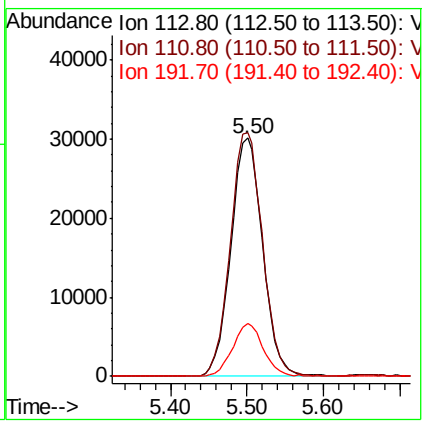


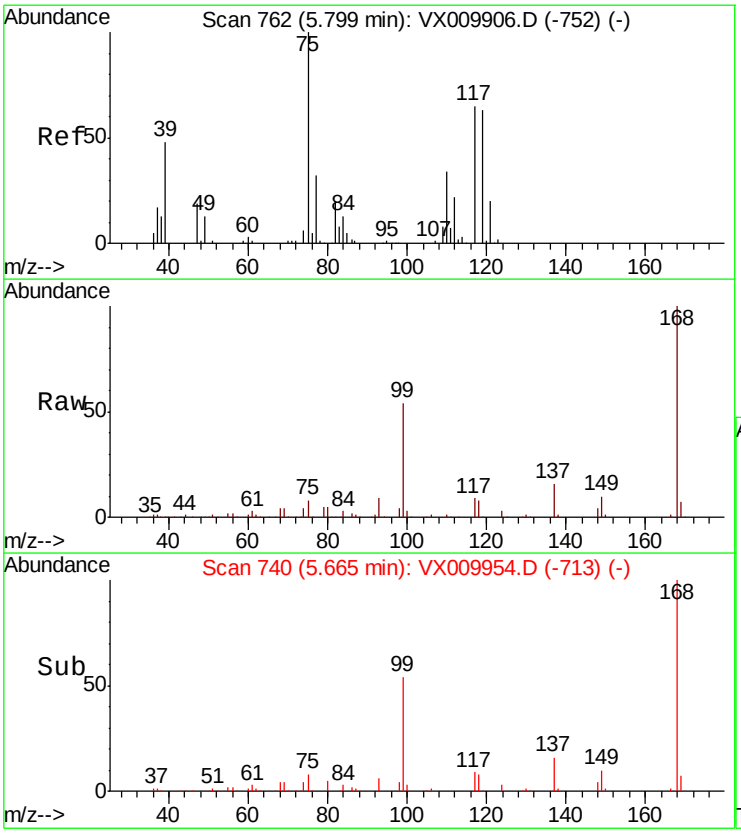
#35
Dibromofluoromethane
Concen: 49.952 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion:113 Resp: 86769

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.2
192	21.4	17.1	25.7

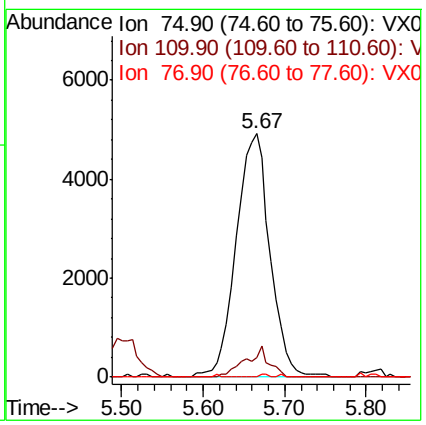


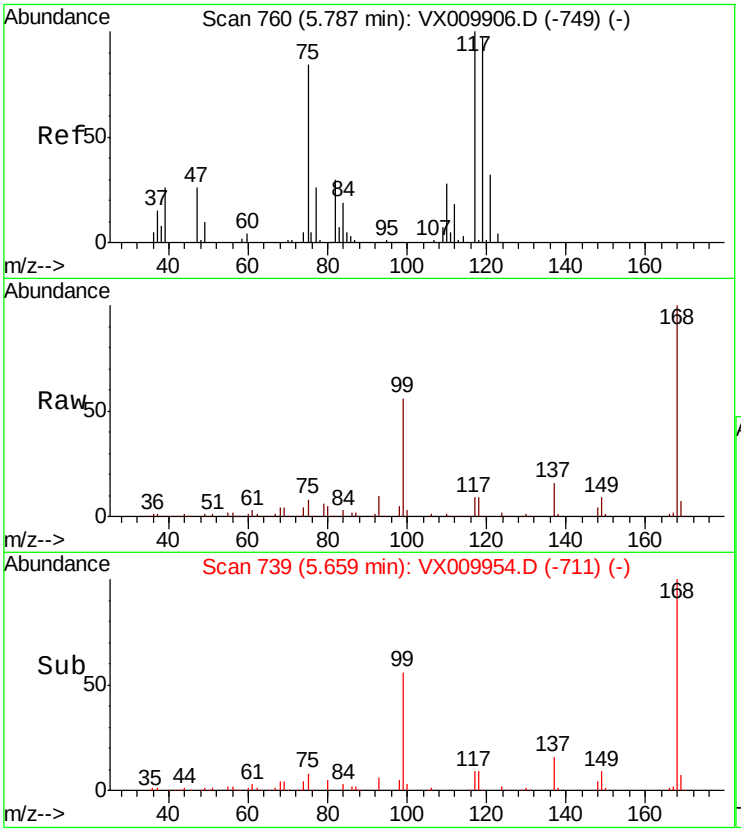


#36
1,1-Dichloropropene
Concen: 5.045 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion: 75 Resp: 14143

Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.7	50.1#
77	0.3	25.0	37.4#



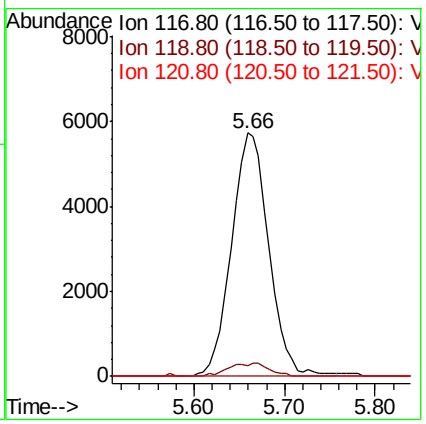


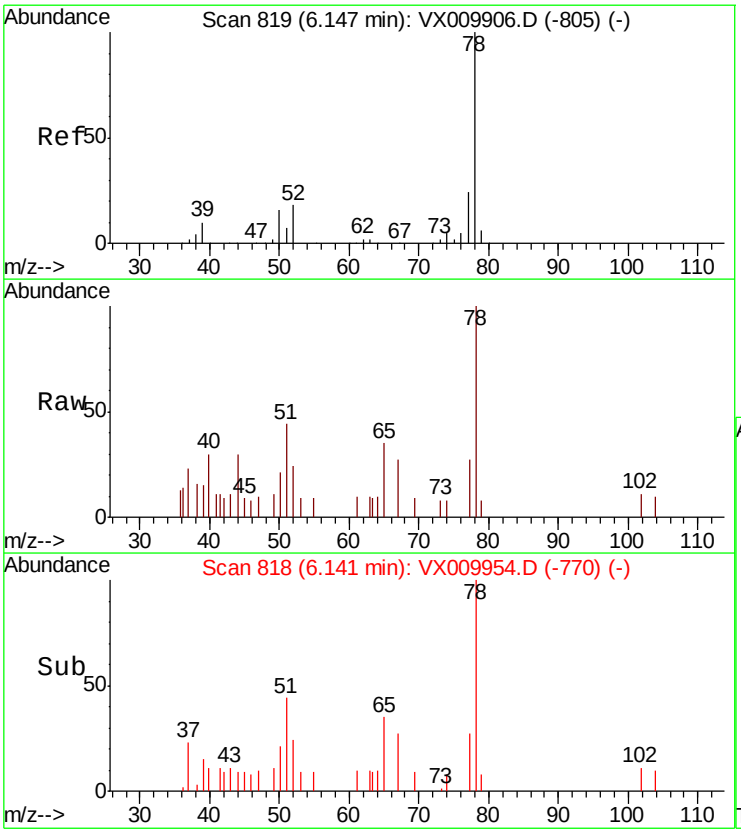
#38
Carbon Tetrachloride
Concen: 6.722 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument : MSVOA_X
ClientSampleId : S32-0653

Tgt Ion:117 Resp: 16284

Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.3	115.9#
121	0.0	25.4	38.0#

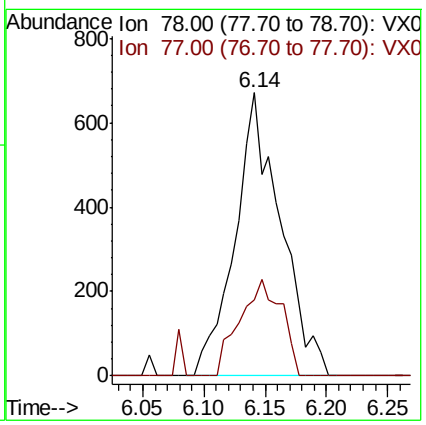


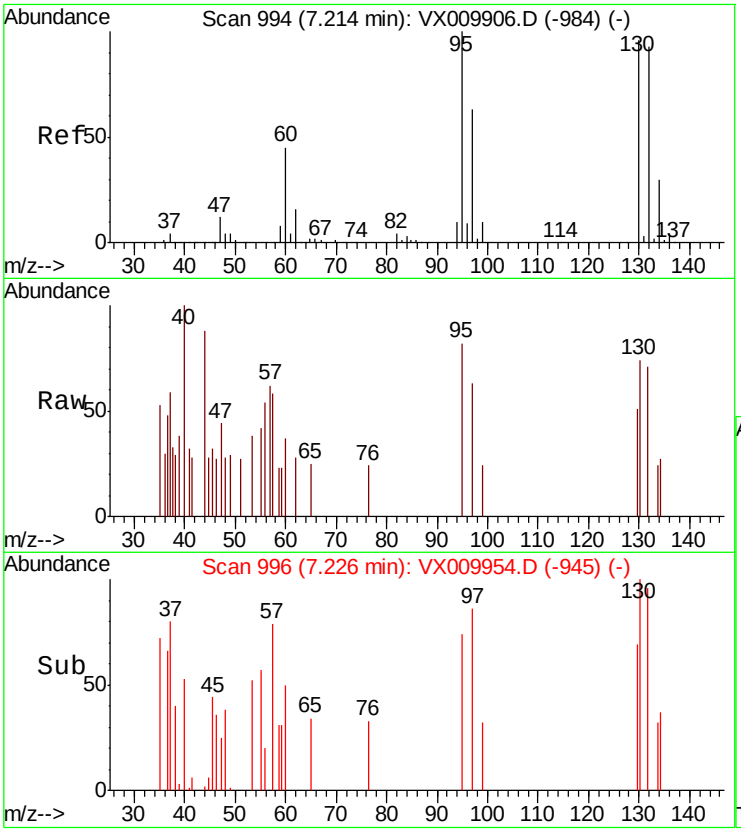


#40
Benzene
Concen: 0.208 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion: 78 Resp: 1732

Ion	Ratio	Lower	Upper
78	100		
77	26.7	19.2	28.8



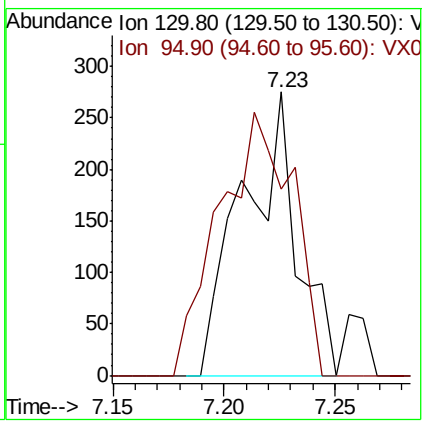


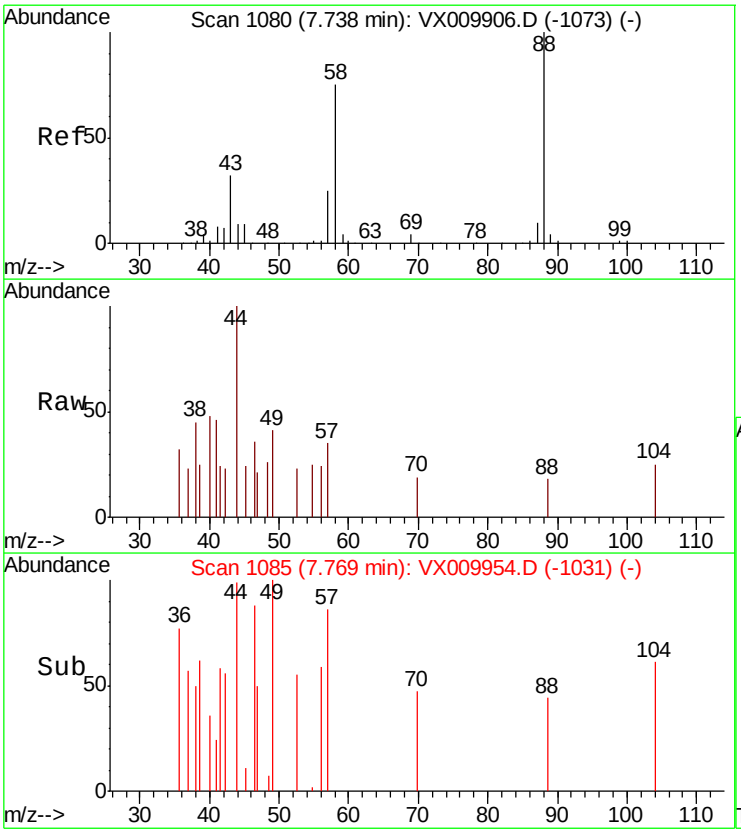
#44
Trichloroethene
Concen: 0.232 ug/l
RT: 7.23 min Scan# 996
Delta R.T. 0.01 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion:130 Resp: 469

Ion	Ratio	Lower	Upper
130	100		
95	65.8	0.0	207.4

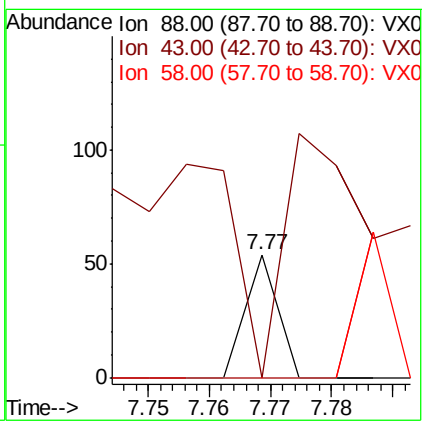


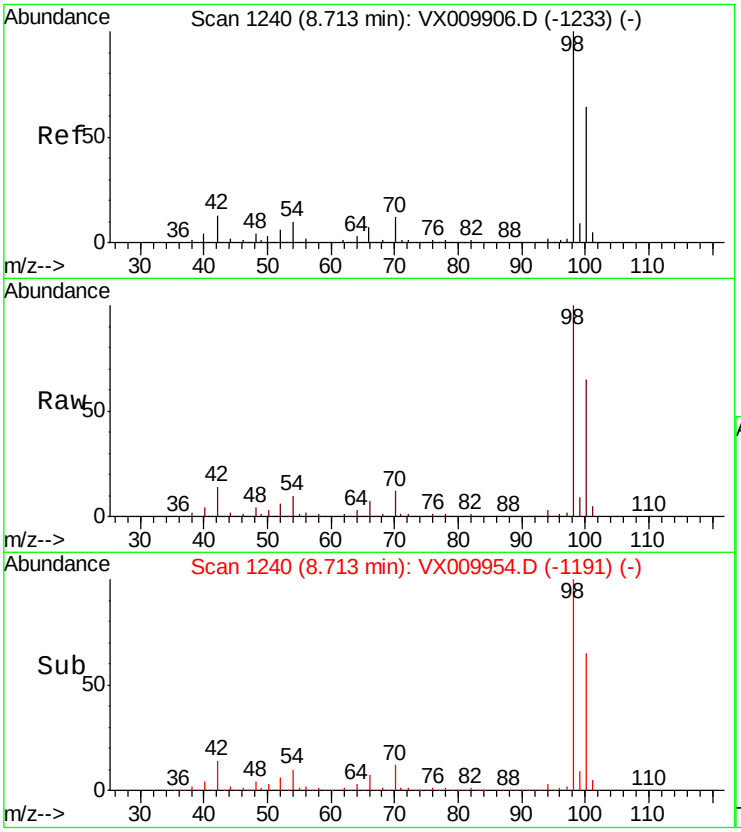


#49
1,4-Dioxane
Concen: 0.345 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.03 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	600.0	30.2	45.4#
58	115.0	64.0	96.0#



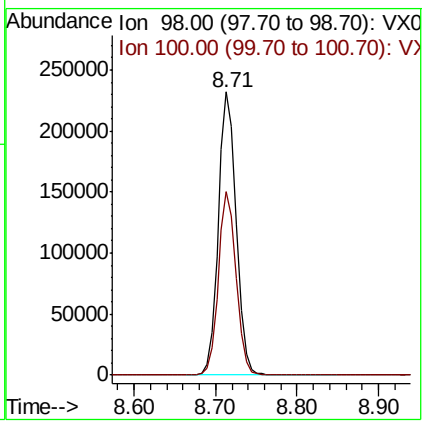


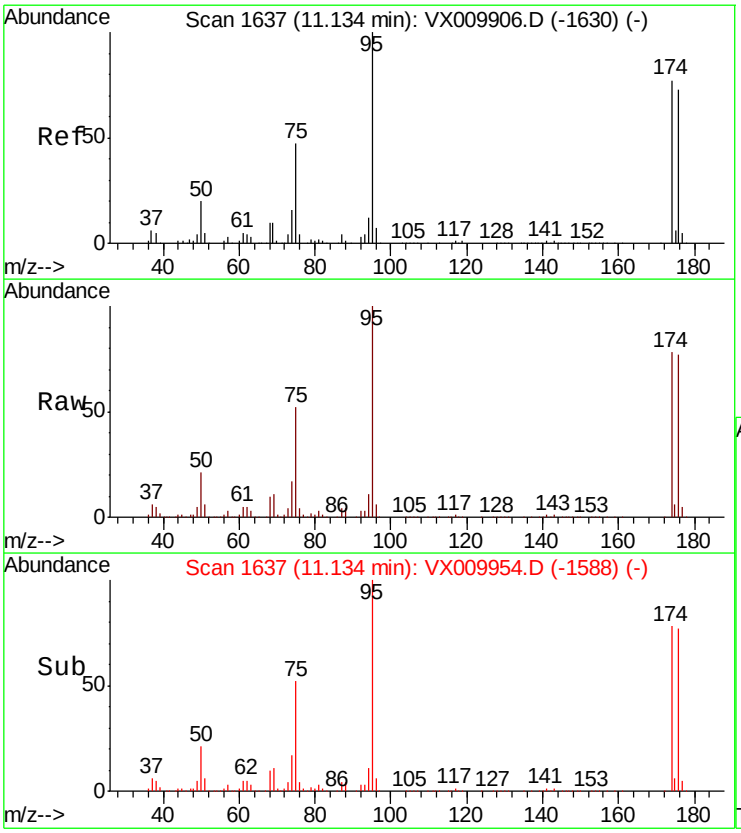
#50
Toluene-d8
Concen: 50.253 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion: 98 Resp: 354476

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3

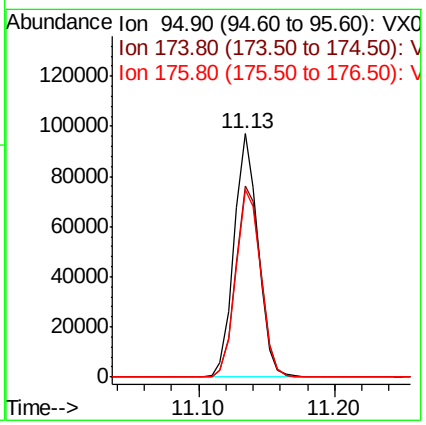


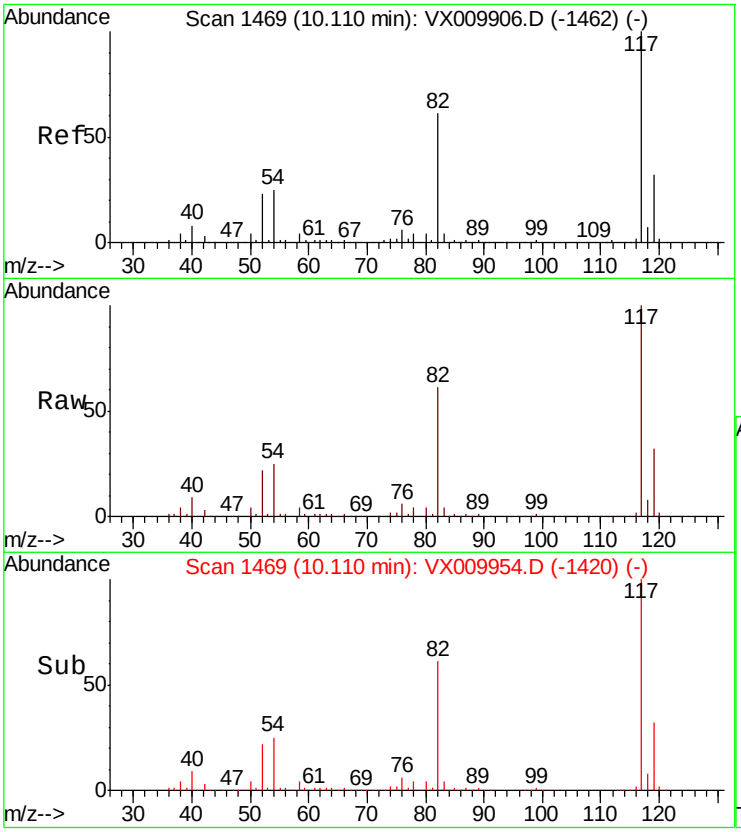


#62
4-Bromofluorobenzene
Concen: 46.925 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion: 95 Resp: 118888

Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	160.4
176	80.2	0.0	154.6



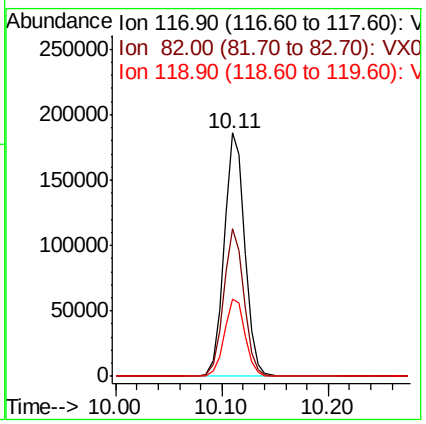


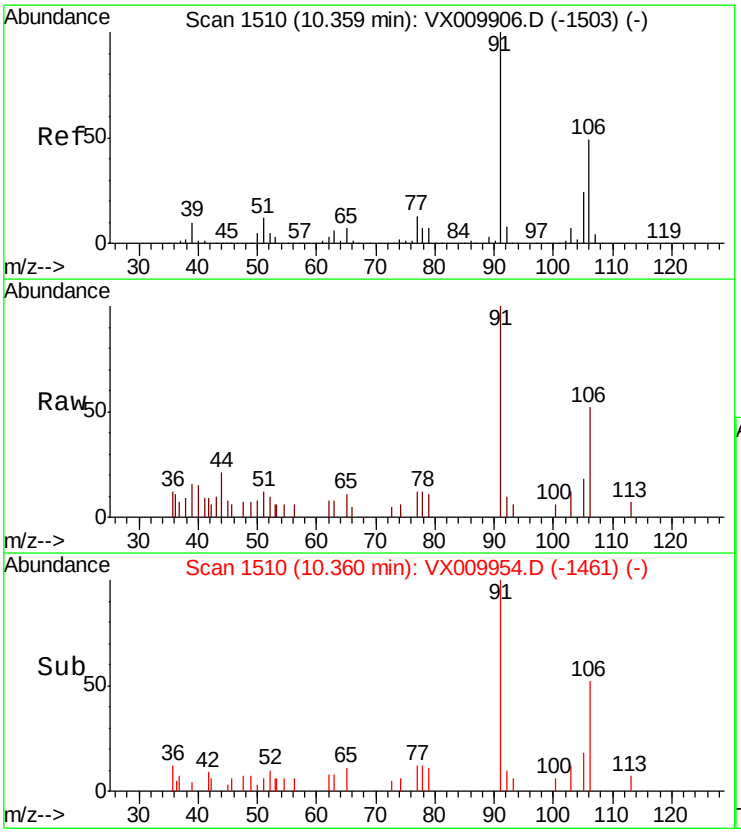
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument : MSVOA_X
ClientSampleId : S32-0653

Tgt Ion:117 Resp: 252233

Ion	Ratio	Lower	Upper
117	100		
82	60.9	49.2	73.8
119	31.9	25.2	37.8

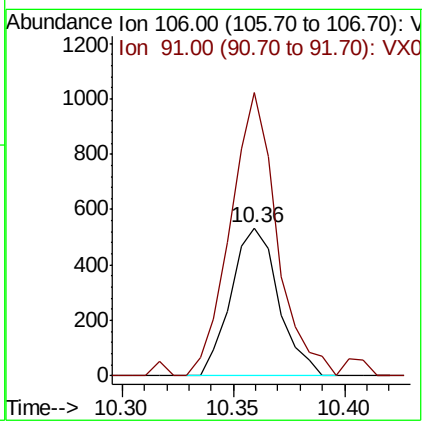


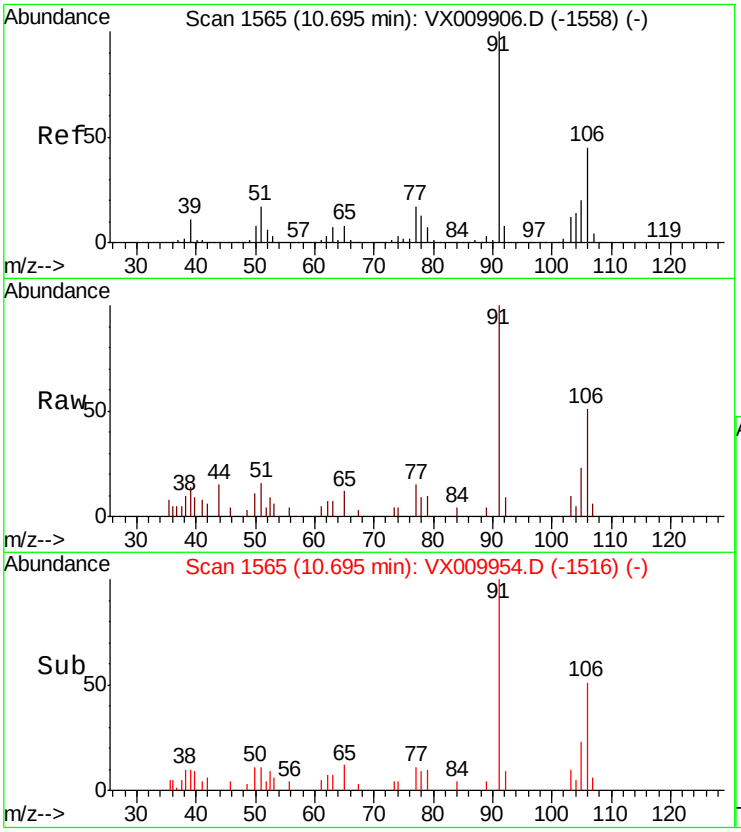


#68
m/p-Xylenes
Concen: 0.226 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion:106 Resp: 792

Ion	Ratio	Lower	Upper
106	100		
91	188.4	167.3	250.9



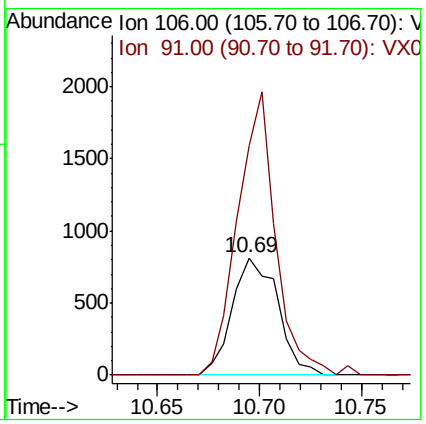


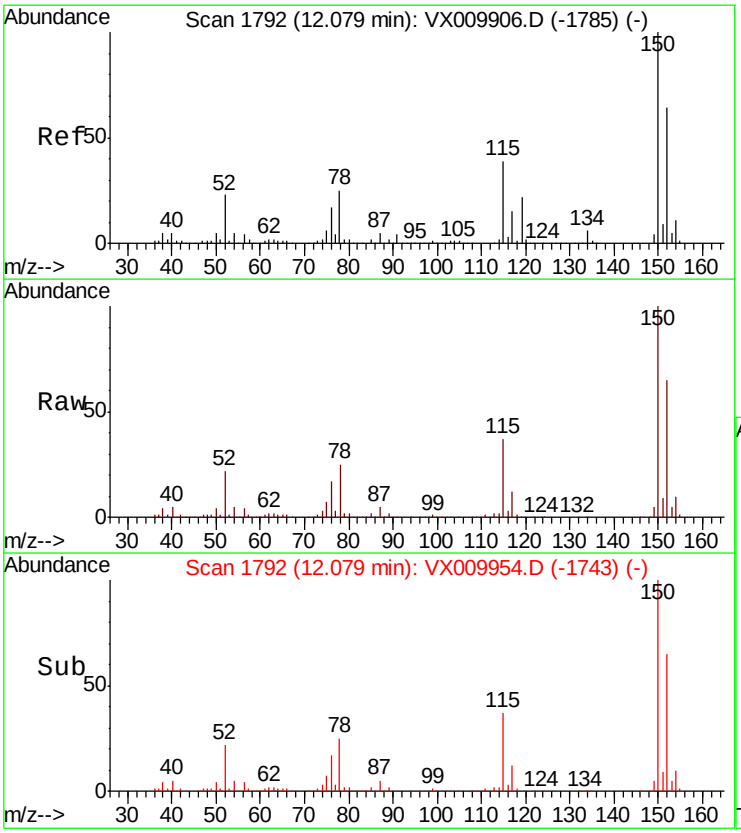
#69
o-Xylene
Concen: 0.375 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion:106 Resp: 1261

Ion	Ratio	Lower	Upper
106	100		
91	201.8	110.4	331.2

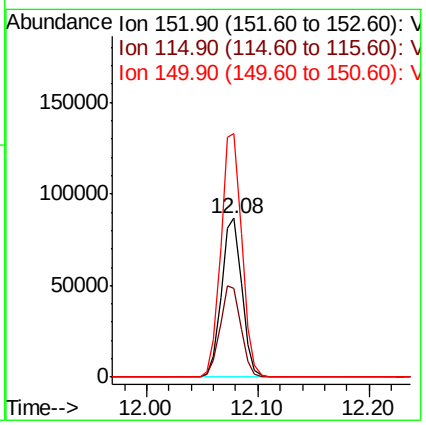


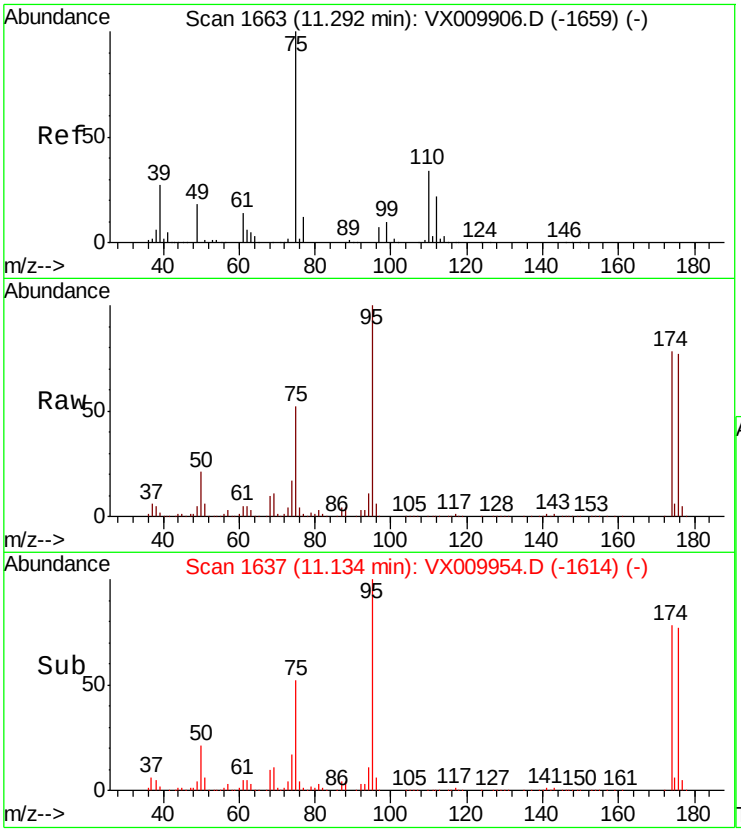


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion:152 Resp: 109660

Ion	Ratio	Lower	Upper
152	100		
115	59.0	41.4	124.2
150	157.8	0.0	345.2



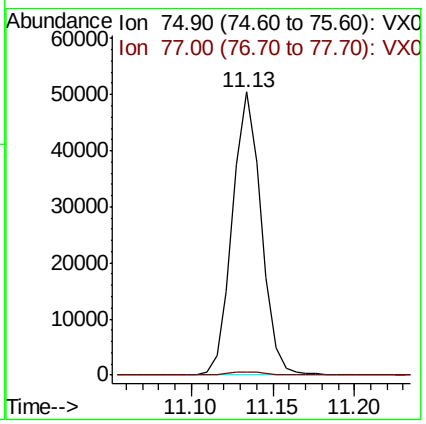


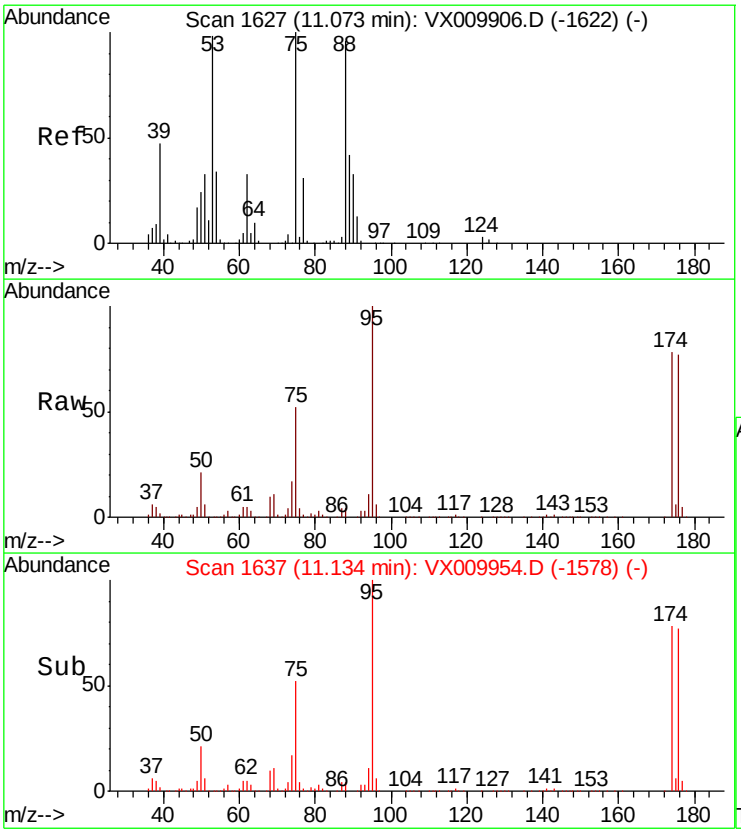
#76
1,2,3-Trichloropropane
Concen: 23.689 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion: 75 Resp: 62120

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.1	66.1#

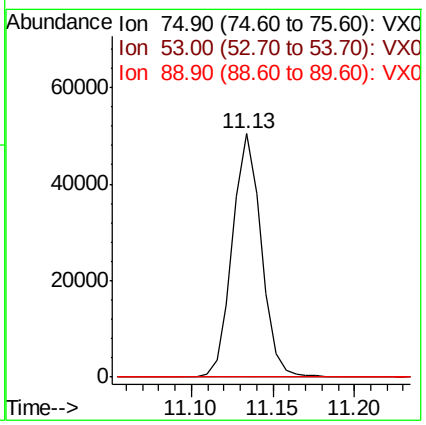


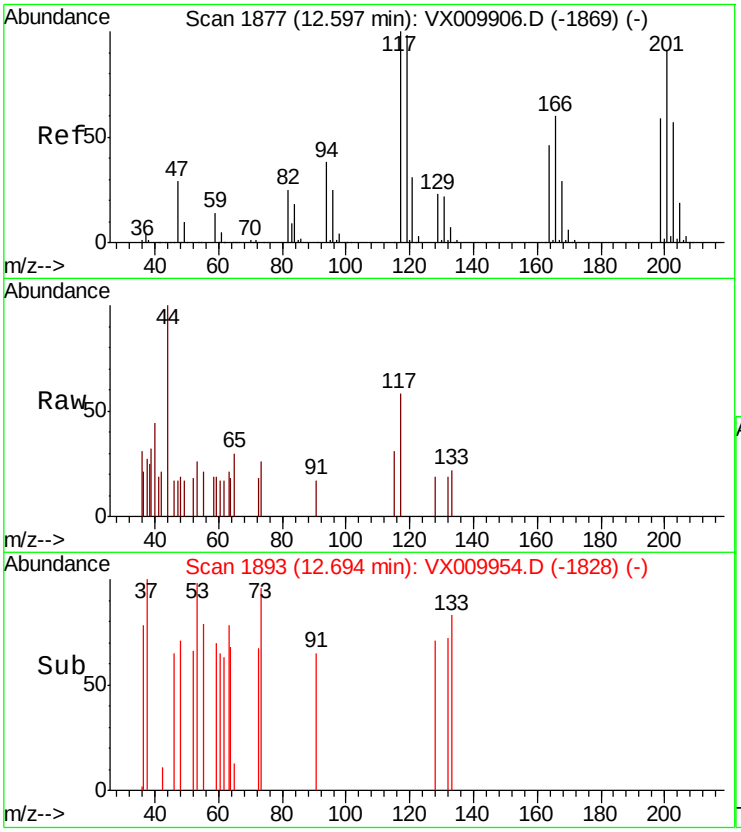


#81
trans-1,4-Dichloro-2-butene
Concen: 58.610 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Tgt Ion: 75 Resp: 62120

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.8	119.6#
89	0.0	34.2	51.4#





#90
Hexachloroethane
Concen: 0.207 ug/l
RT: 12.69 min Scan# 1893
Delta R.T. 0.10 min
Lab File: VX009954.D
Acq: 30 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0653

Tgt Ion:117 Resp: 248

Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.6	130.9#