Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080219\

Quantitation Report (Not Reviewed)

Data File : VX011316.D
Acq On : 02 Aug 2019 19:37
Operator : JC/SP
Sample : K4119-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : Z3-0689

Quant Time: Aug 03 05:46:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	137458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	224213	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	209760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94406	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	76196	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.08%			
35) Dibromofluoromethane	5.49	113	72557	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.14%			
50) Toluene-d8	8.71	98	271455	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.26%			
62) 4-Bromofluorobenzene	11.13	95	91270	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	579	0.545	ug/l	93
3) Chloromethane	1.27	50	2248	1.886	ug/l #	42
4) Vinyl Chloride	1.40	62	3991	3.043	ug/l	91
5) Bromomethane	1.64	94	599	0.640	ug/l #	58
6) Chloroethane	1.73	64	377	Below Cal #		43
11) Tert butyl alcohol	3.01	59	1173	4.272	ug/l #	87
13) Acrolein	2.27	56	118	0.266	ug/l #	64
16) Acetone	2.43	43	926	1.405	ug/l	89
18) Methyl Acetate	2.76	43	333	0.221	ug/l #	49
21) trans-1,2-Dichloroethene	3.17	96	2811	2.125	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	12062	7.916	ug/l	94
29) Tetrahydrofuran	5.13	42	564	0.981	ug/l #	37
36) 1,1-Dichloropropene	5.65	75	9269	4.735	ug/l #	49
38) Carbon Tetrachloride	5.65	117	12823	6.511	ug/l #	16
40) Benzene	6.14	78	1302	0.223	ug/l #	66
44) Trichloroethene	7.21	130	481	0.272	ug/l	30
49) 1,4-Dioxane	7.75	88	41	0.957	ug/l #	1
53) t-1,3-Dichloropropene	9.05	75	19	2.847	ug/l #	1
65) Chlorobenzene	10.13	112	13865	3.083	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	44456	25.858	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	44456	67.323	ug/l #	10
88) 1,4-Dichlorobenzene	12.10	146	1193	0.366	ug/l #	7

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

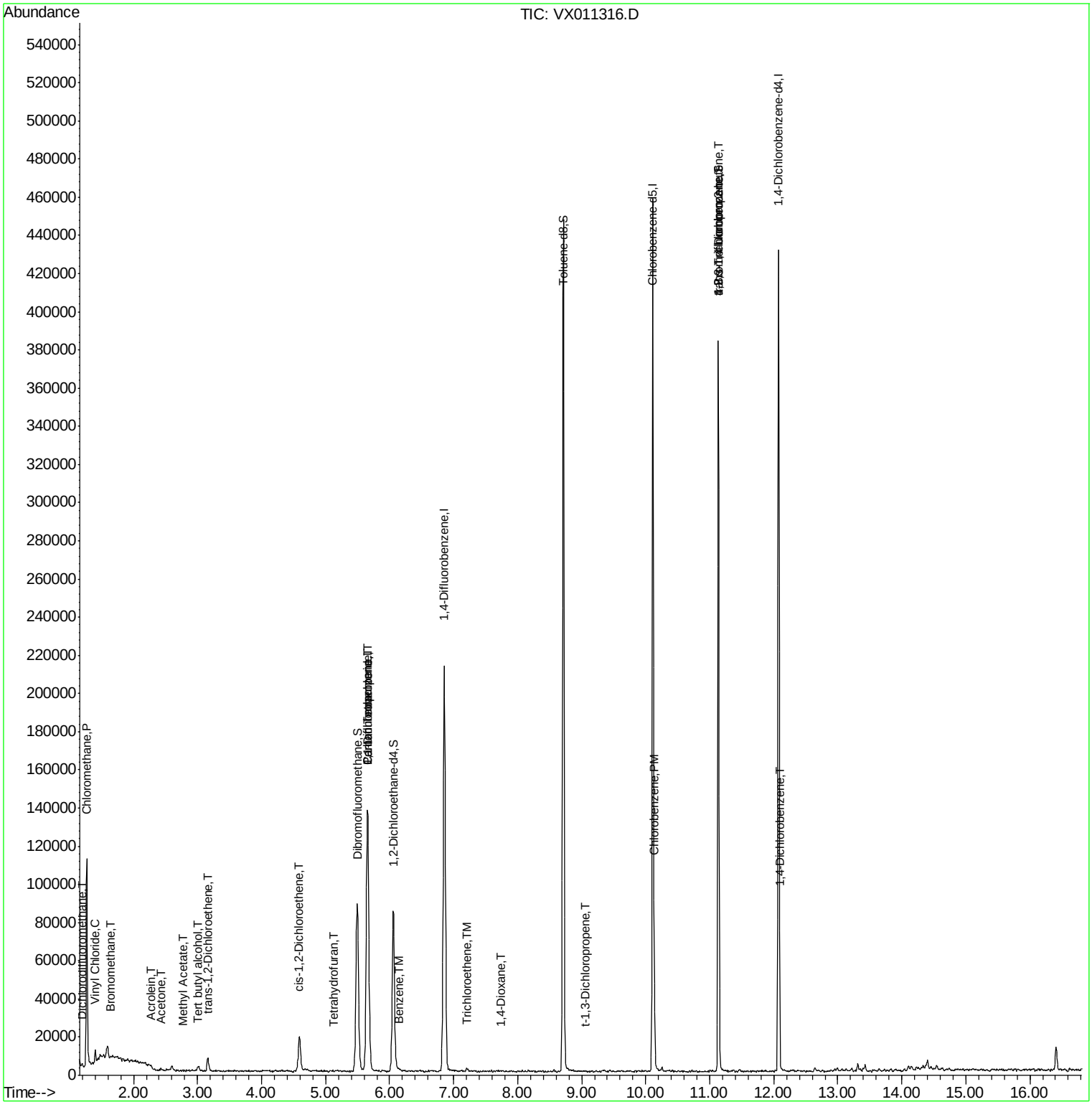
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080219\

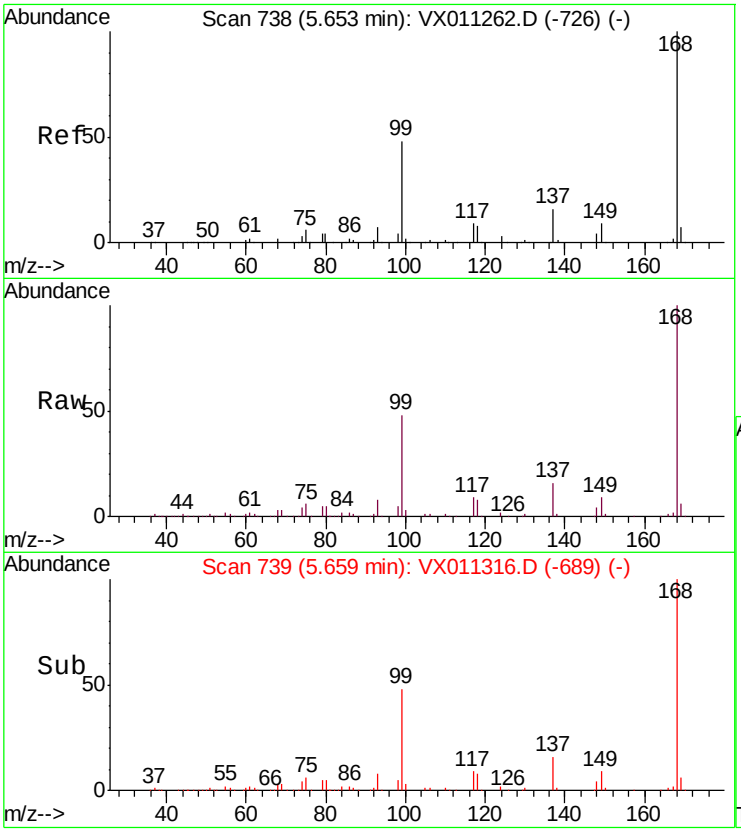
Quantitation Report (Not Reviewed)

Data File : VX011316.D
Acq On : 02 Aug 2019 19:37
Operator : JC/SP
Sample : K4119-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : Z3-0689

Quant Time: Aug 03 05:46:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



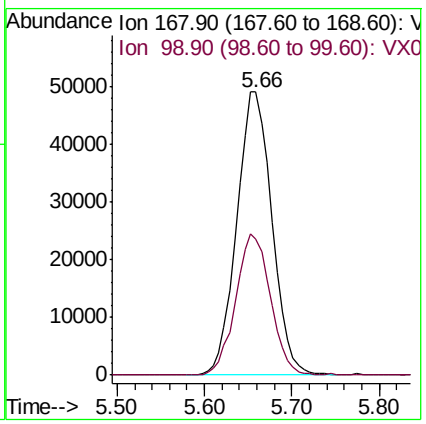


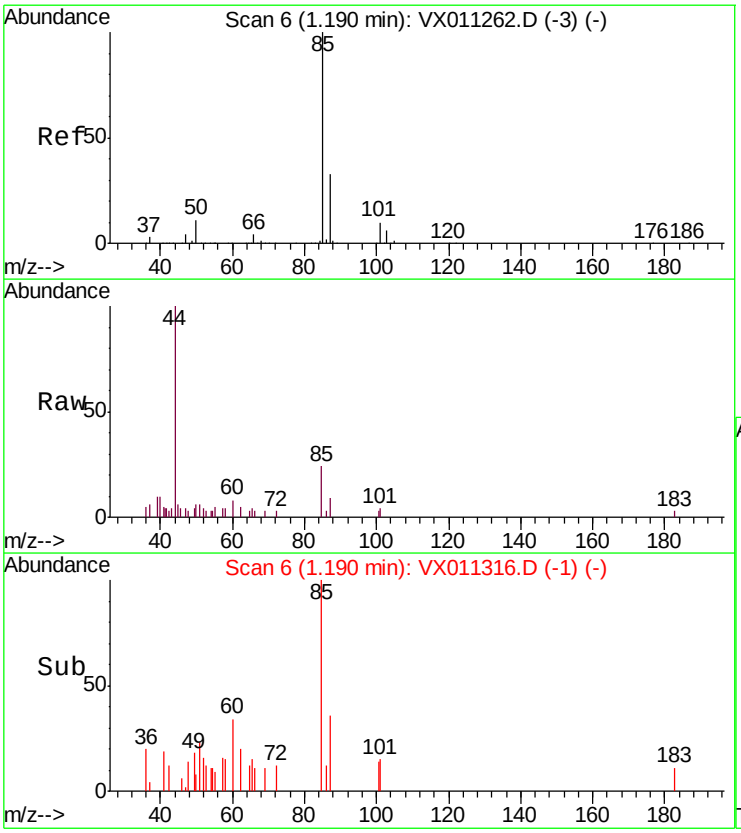
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_N
ClientSampleId :
Z3-0689

Tgt Ion:168 Resp: 137458

Ion	Ratio	Lower	Upper
168	100		
99	48.0	38.5	57.7

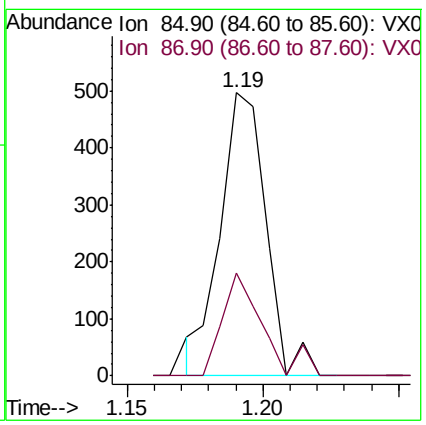


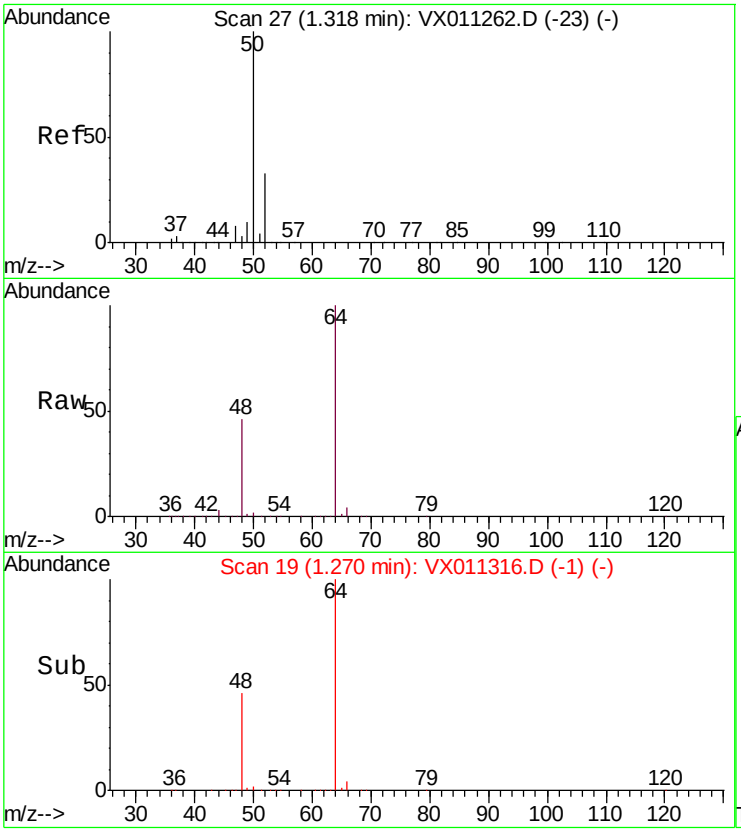


#2
Dichlorodifluoromethane
Concen: 0.545 ug/l
RT: 1.19 min Scan# 6
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion: 85 Resp: 579

Ion	Ratio	Lower	Upper
85	100		
87	36.4	16.4	49.1



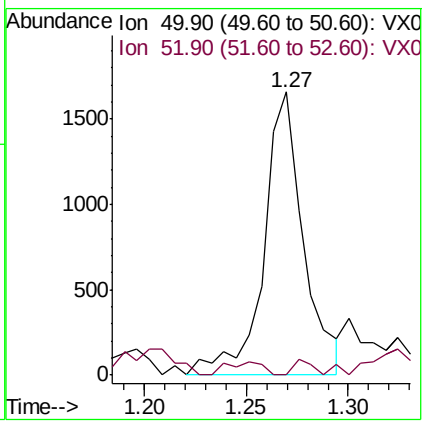


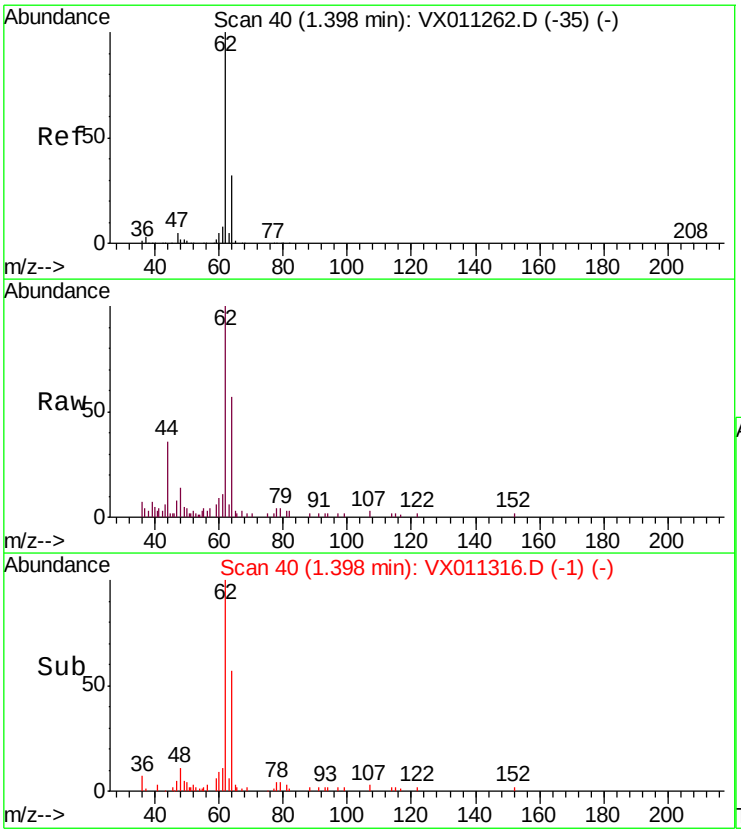
#3
Chloromethane
Concen: 1.886 ug/l
RT: 1.27 min Scan# 19
Delta R.T. -0.05 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_N
ClientSampleId :
Z3-0689

Tgt Ion: 50 Resp: 2248

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#

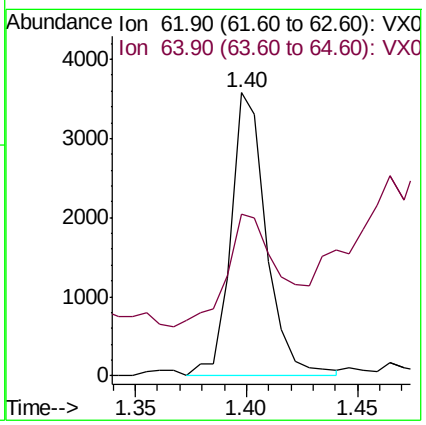


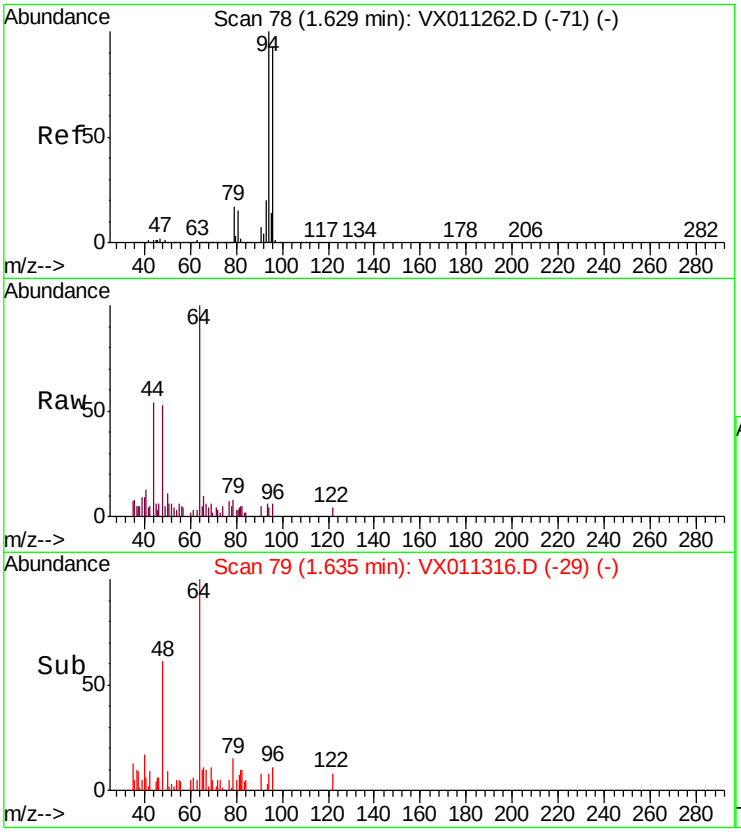


#4
Vinyl Chloride
Concen: 3.043 ug/l
RT: 1.40 min Scan# 40
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion: 62 Resp: 3991

Ion	Ratio	Lower	Upper
62	100		
64	37.4	26.0	39.0



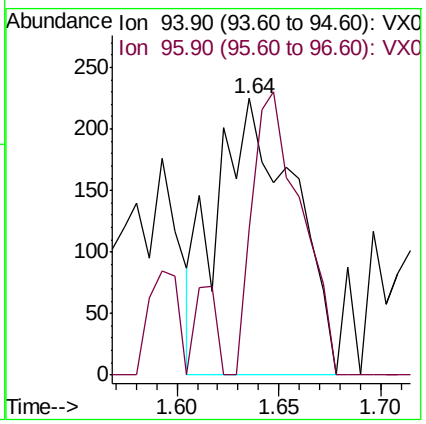


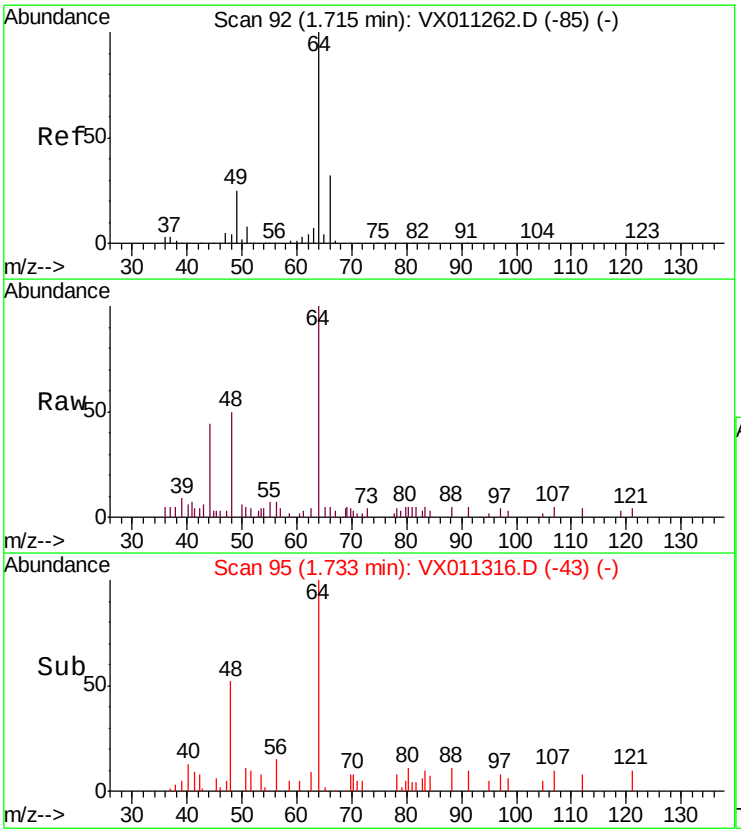
#5
Bromomethane
Concen: 0.640 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.01 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_N
ClientSampleId :
Z3-0689

Tgt Ion: 94 Resp: 599

Ion	Ratio	Lower	Upper
94	100		
96	52.9	74.6	112.0#

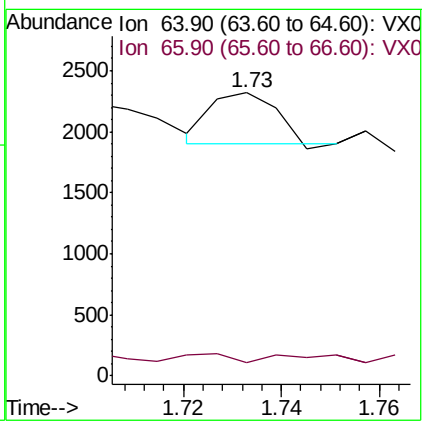


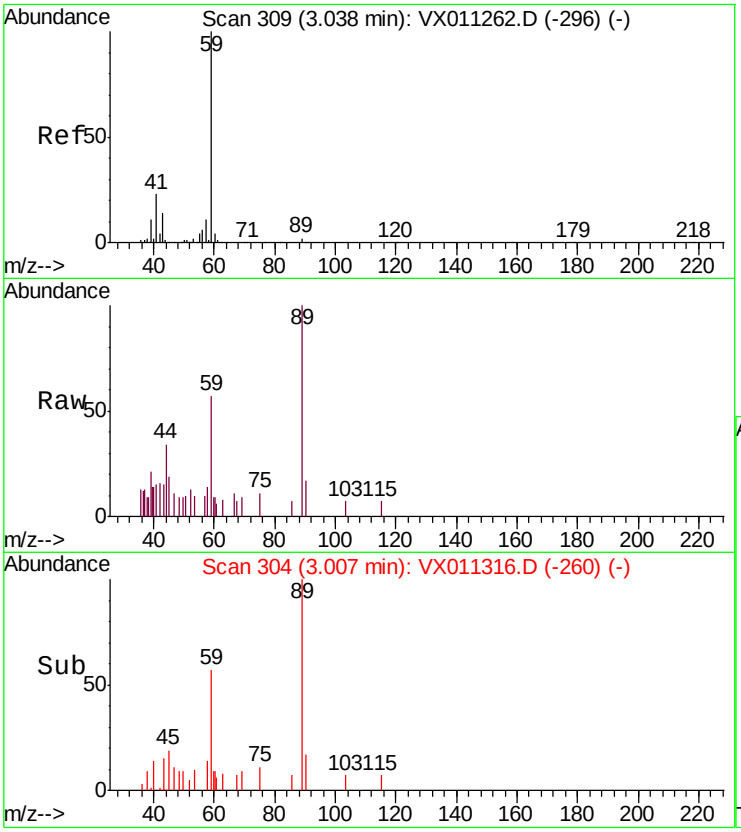


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion: 64 Resp: 377

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#



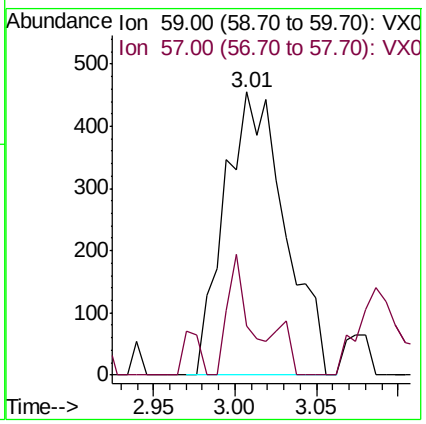


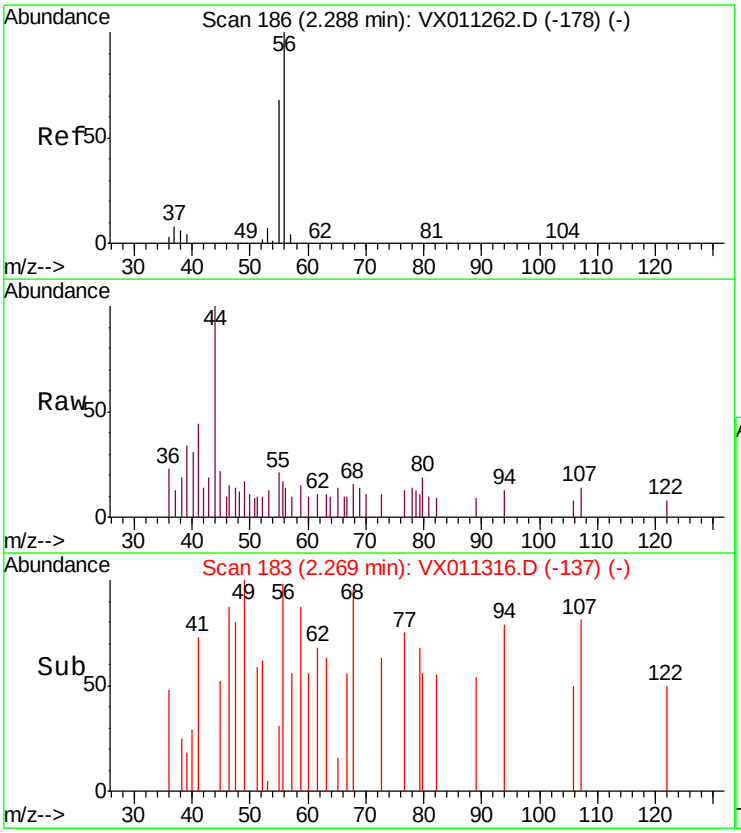
#11
Tert butyl alcohol
Concen: 4.272 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument : MSVOA_N
ClientSampleId : Z3-0689

Tgt Ion: 59 Resp: 1173

Ion	Ratio	Lower	Upper
59	100		
57	15.2	8.3	12.5#

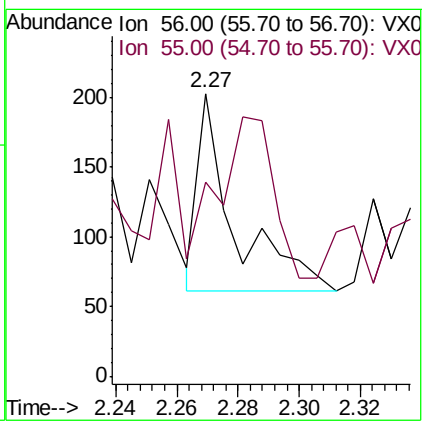


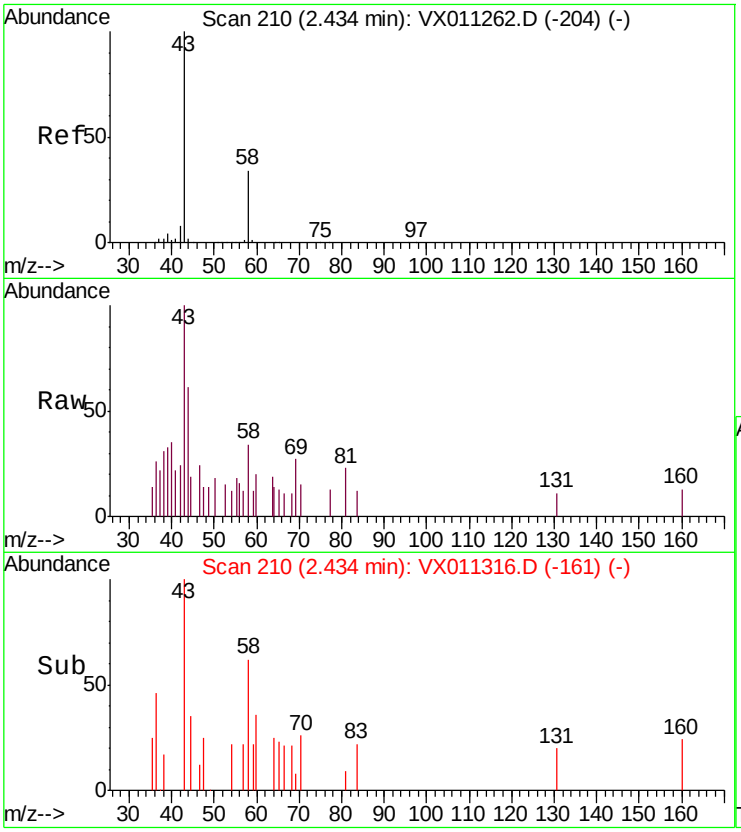


#13
Acrolein
Concen: 0.266 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion: 56 Resp: 118

Ion	Ratio	Lower	Upper
56	100		
55	40.7	56.0	84.0#



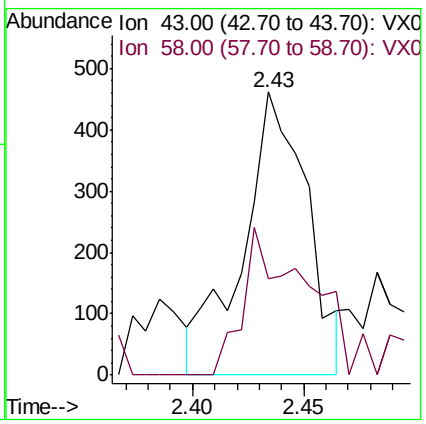


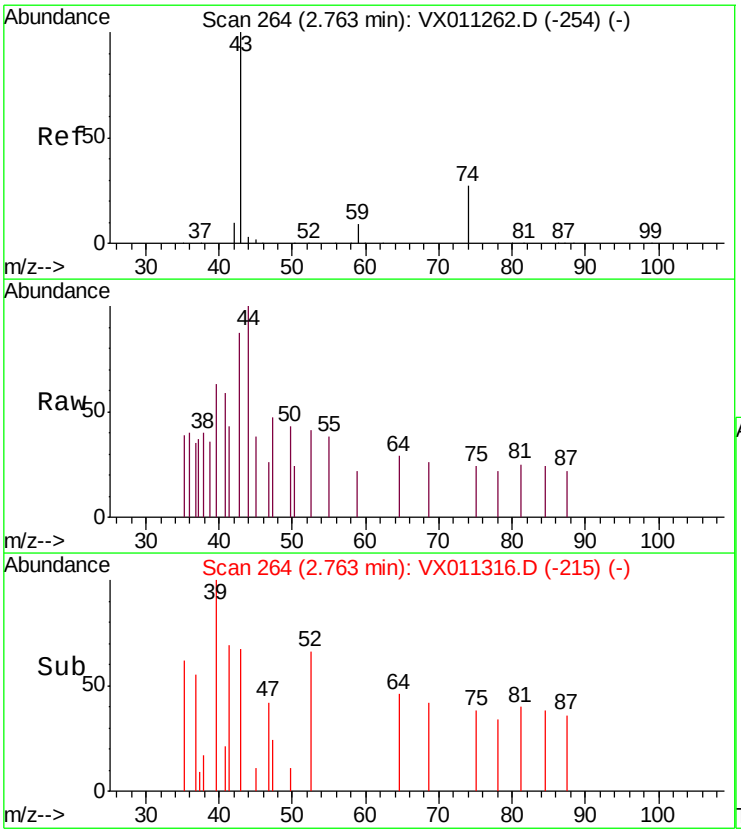
#16
Acetone
Concen: 1.405 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument : MSVOA_N
ClientSampleId : Z3-0689

Tgt Ion: 43 Resp: 926

Ion	Ratio	Lower	Upper
43	100		
58	40.8	27.4	41.0

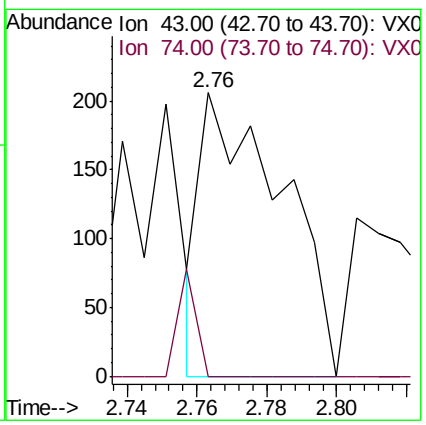


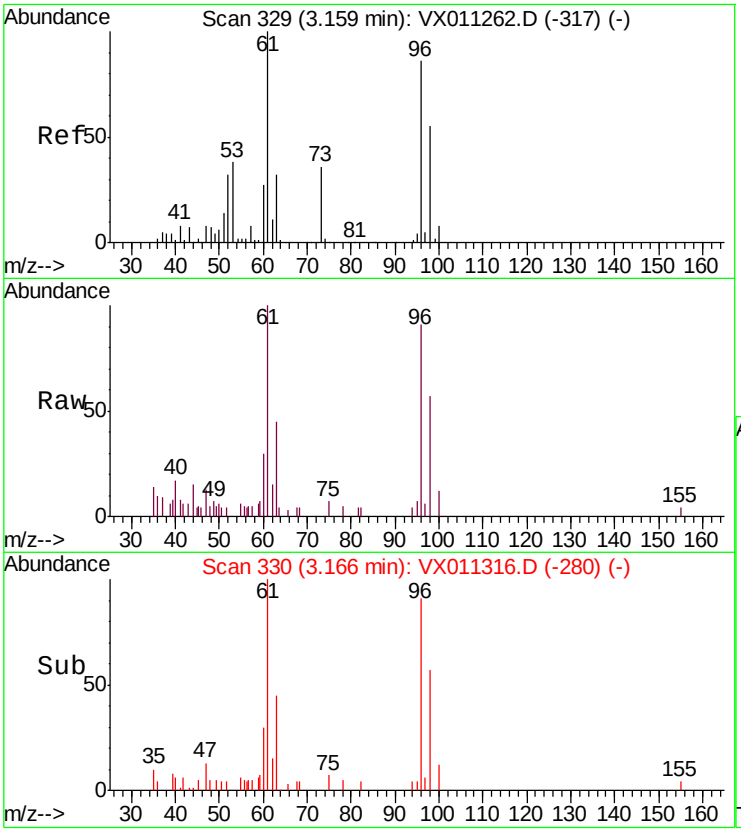


#18
Methyl Acetate
Concen: 0.221 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion: 43 Resp: 333

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.0	31.6#



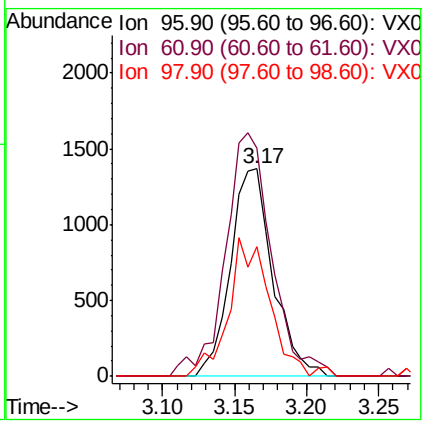


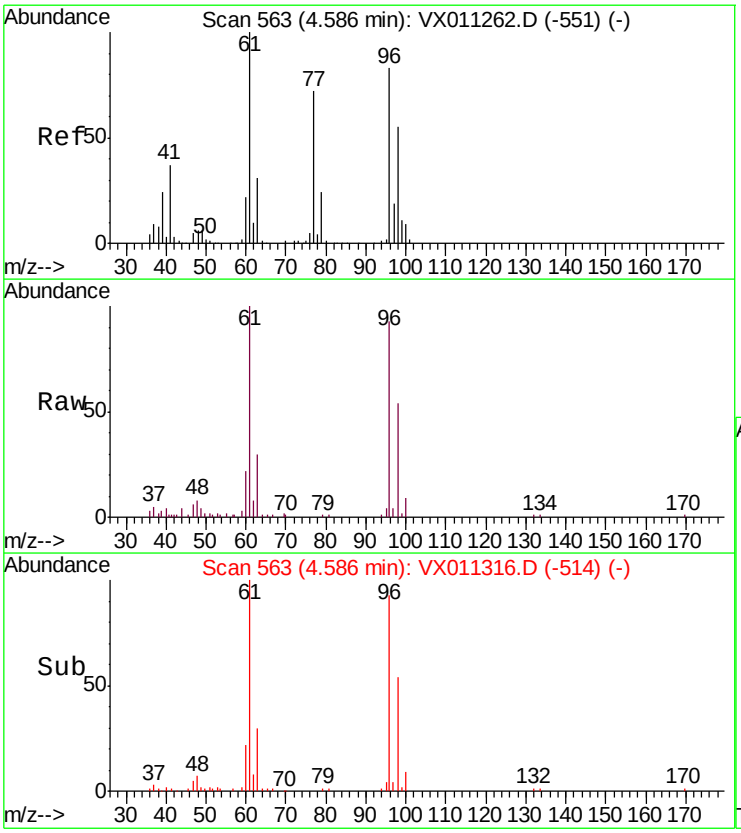
#21
trans-1,2-Dichloroethene
Concen: 2.125 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_N
ClientSampleId :
Z3-0689

Tgt Ion: 96 Resp: 2811

Ion	Ratio	Lower	Upper
96	100		
61	110.2	92.8	139.2
98	62.6	51.2	76.8

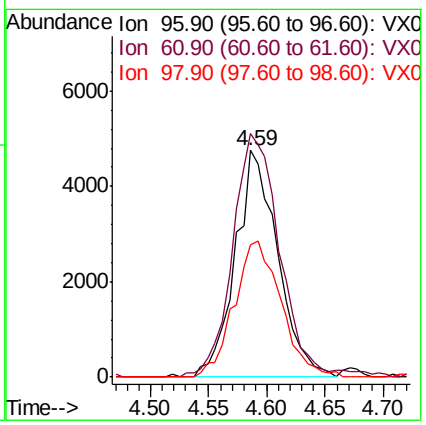


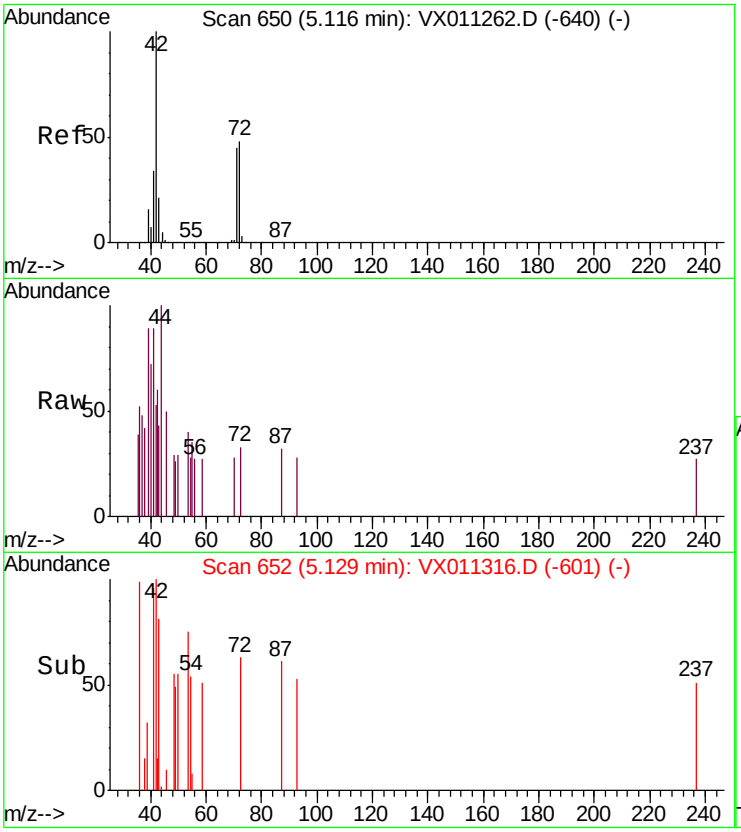


#27
cis-1,2-Dichloroethene
Concen: 7.916 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion: 96 Resp: 12062

Ion	Ratio	Lower	Upper
96	100		
61	120.3	0.0	260.2
98	66.3	0.0	133.2



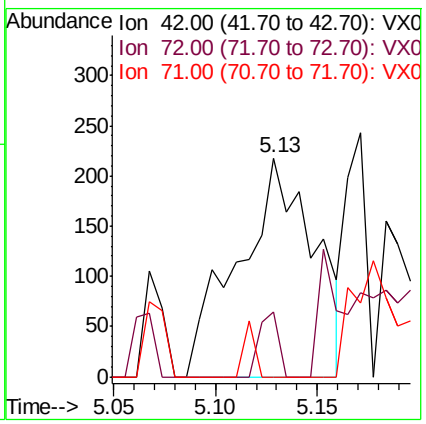


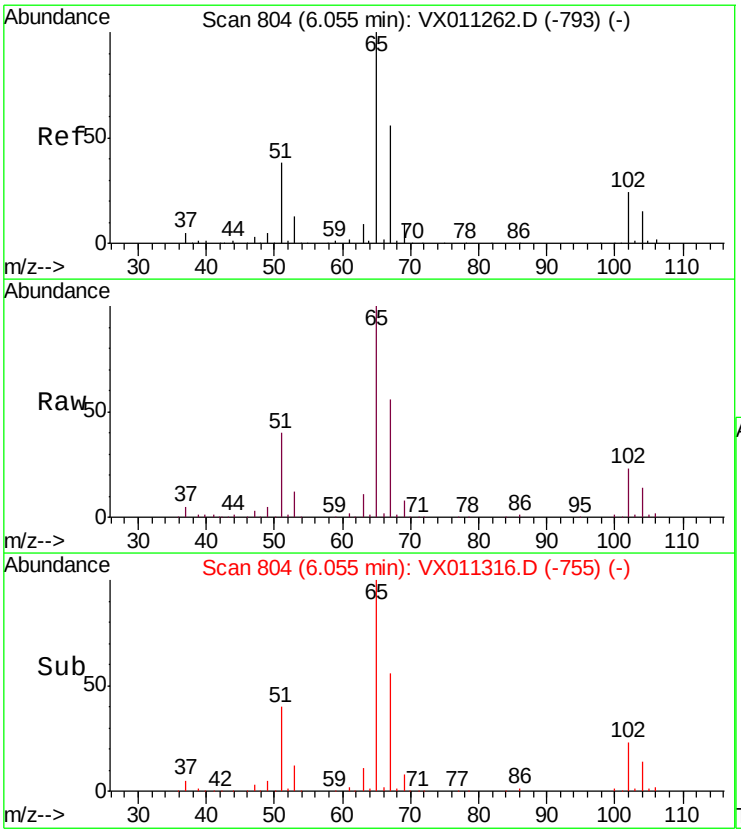
#29
Tetrahydrofuran
Concen: 0.981 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.01 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_N
ClientSampleId :
Z3-0689

Tgt Ion: 42 Resp: 564

Ion	Ratio	Lower	Upper
42	100		
72	7.6	39.9	59.9#
71	3.5	36.9	55.3#

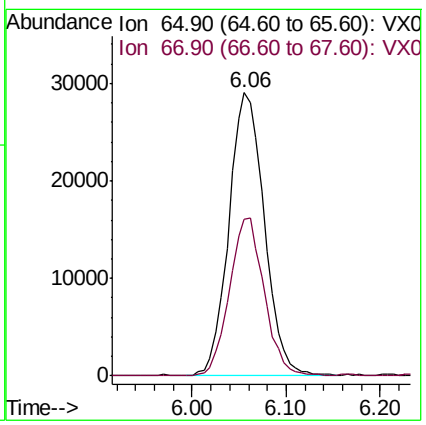


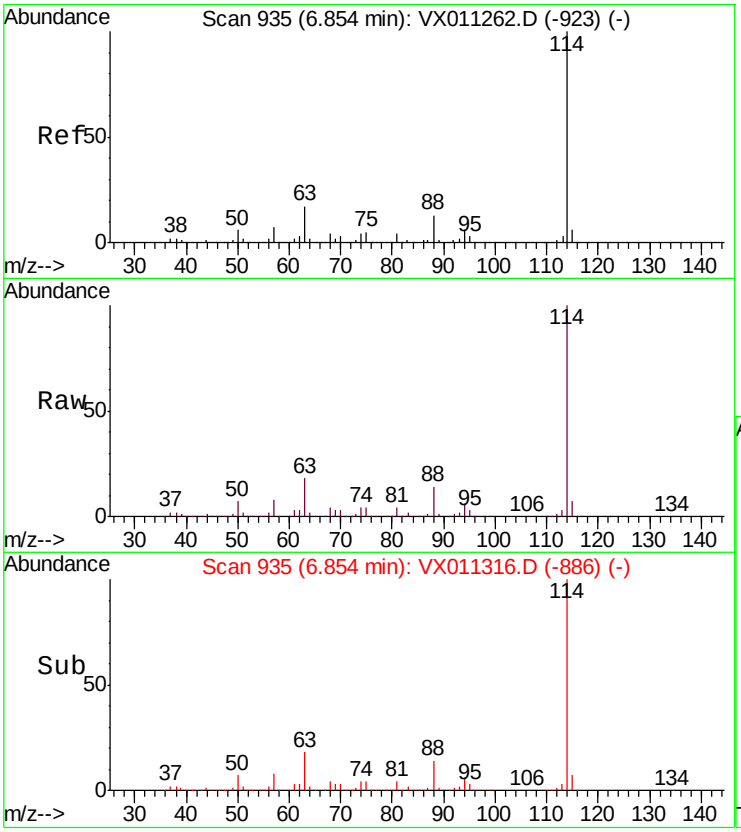


#33
1,2-Dichloroethane-d4
Concen: 55.044 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion: 65 Resp: 76196

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.6



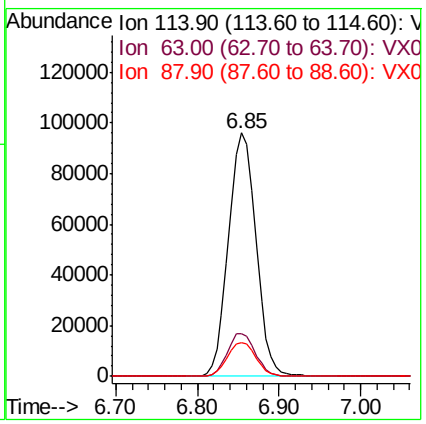


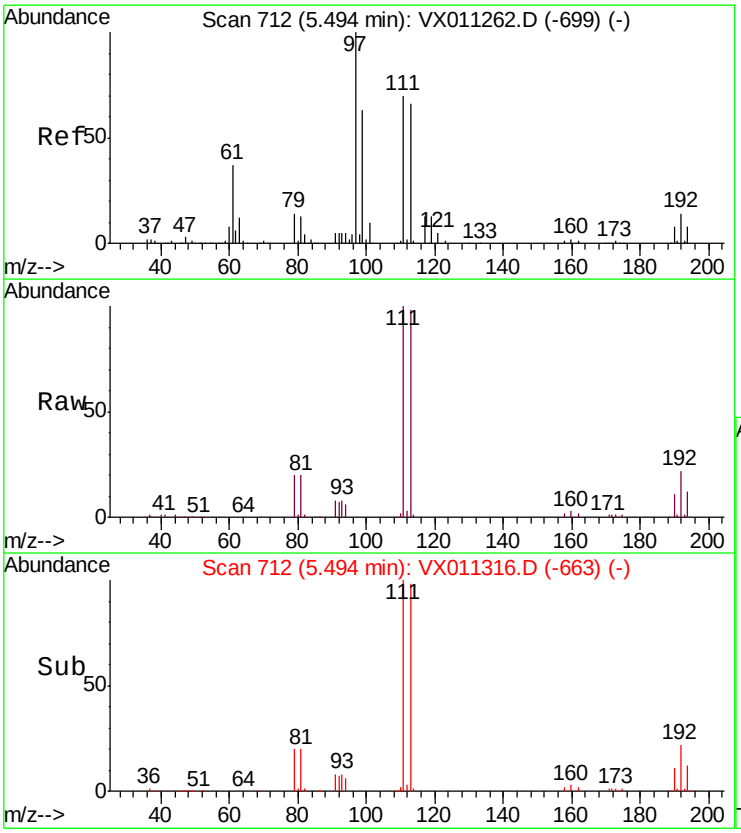
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_N
ClientSampleId :
Z3-0689

Tgt Ion:114 Resp: 224213

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.0
88	14.0	0.0	26.4

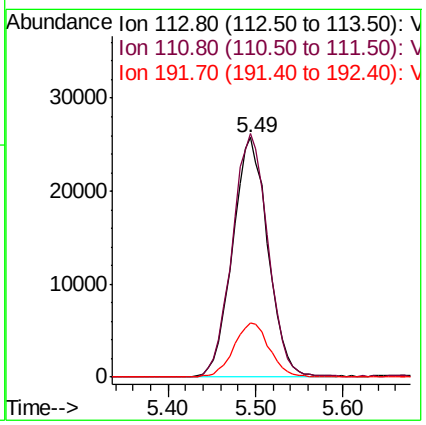


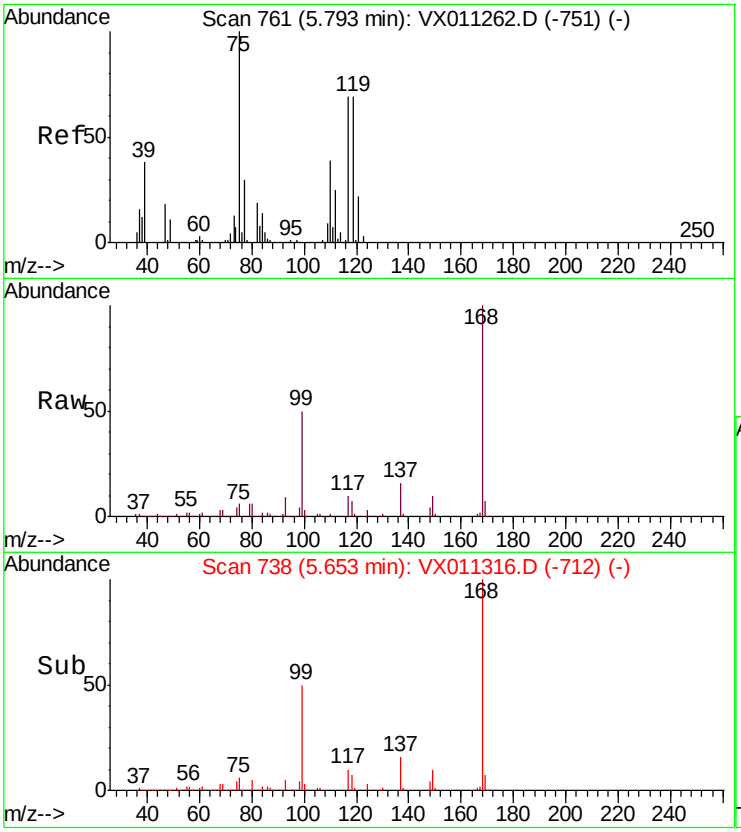


#35
Dibromofluoromethane
Concen: 49.566 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion:113 Resp: 72557

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	22.8	17.8	26.8



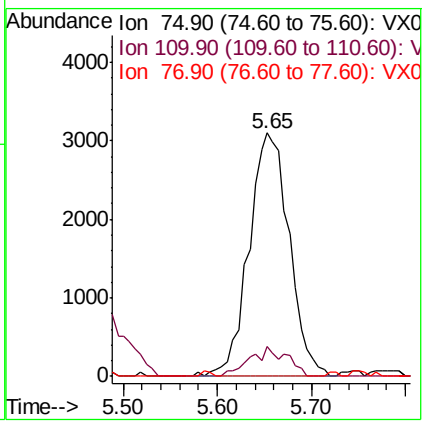


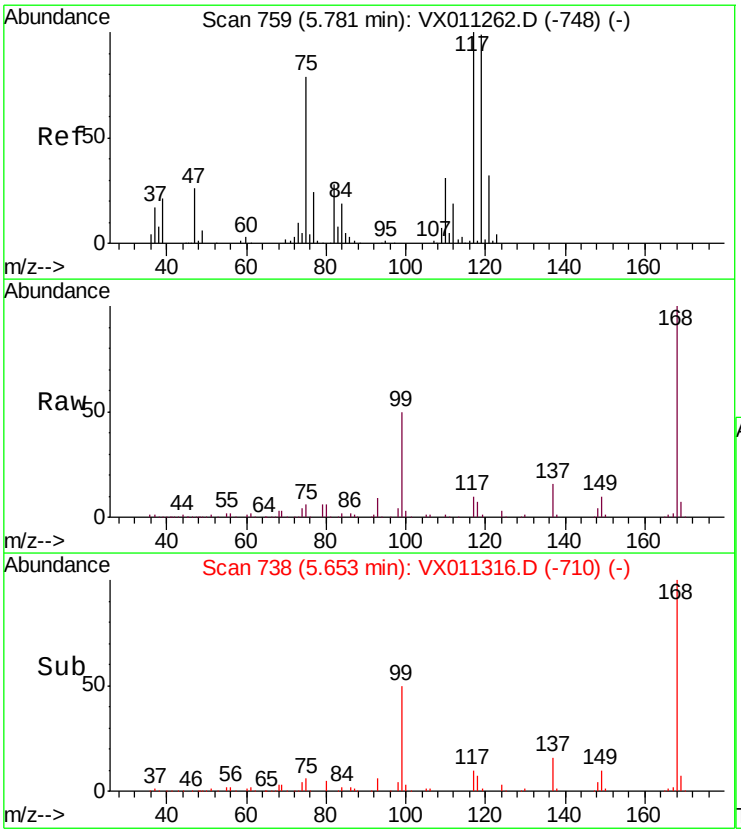
#36
1,1-Dichloropropene
Concen: 4.735 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument : MSVOA_N
ClientSampleId : Z3-0689

Tgt Ion: 75 Resp: 9269

Ion	Ratio	Lower	Upper
75	100		
110	11.2	20.0	59.9#
77	0.0	24.8	37.2#

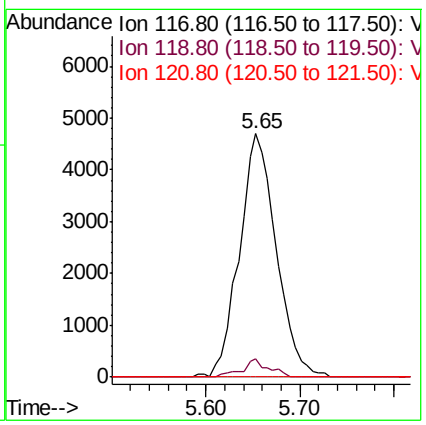


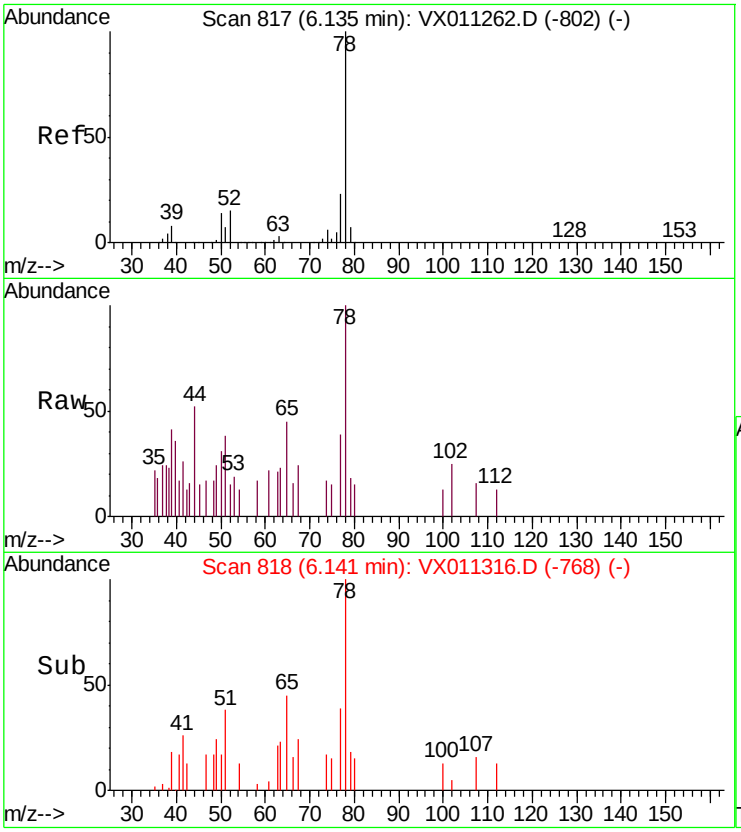


#38
Carbon Tetrachloride
Concen: 6.511 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion:117 Resp: 12823

Ion	Ratio	Lower	Upper
117	100		
119	7.3	79.0	118.4#
121	0.0	25.9	38.9#



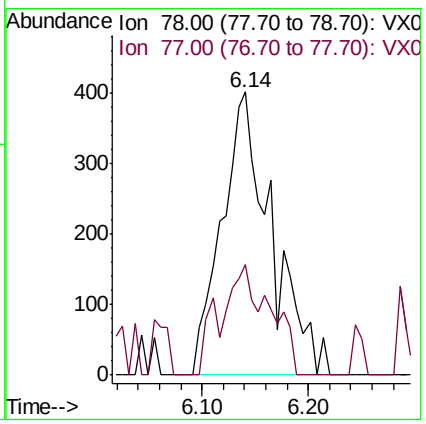


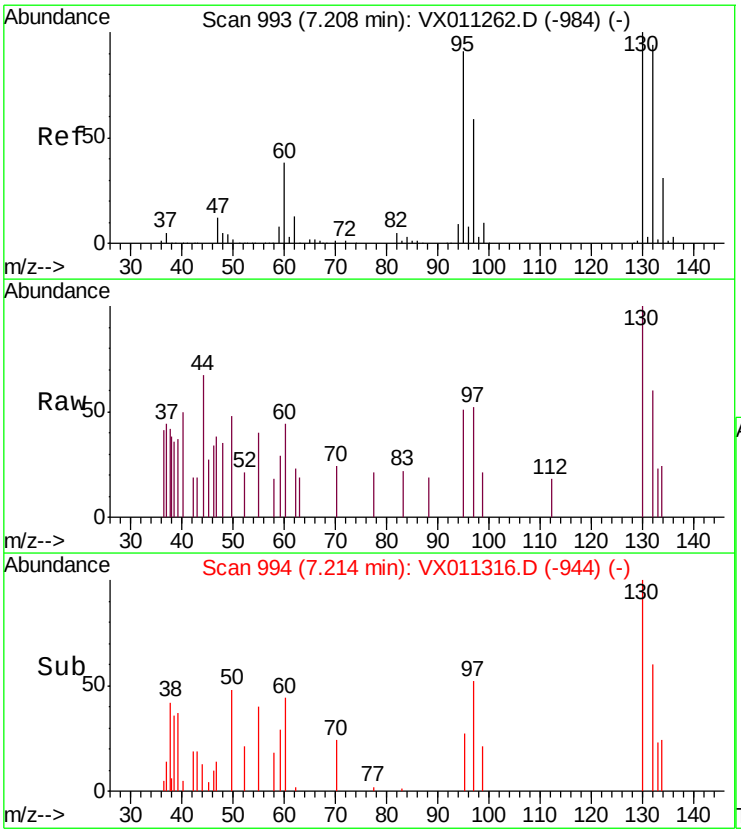
#40
Benzene
Concen: 0.223 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_N
ClientSampleId :
Z3-0689

Tgt Ion: 78 Resp: 1302

Ion	Ratio	Lower	Upper
78	100		
77	38.9	18.2	27.2#

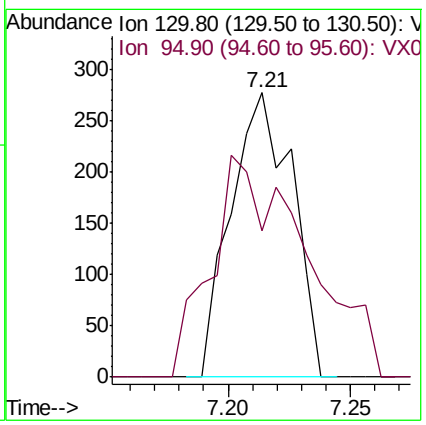


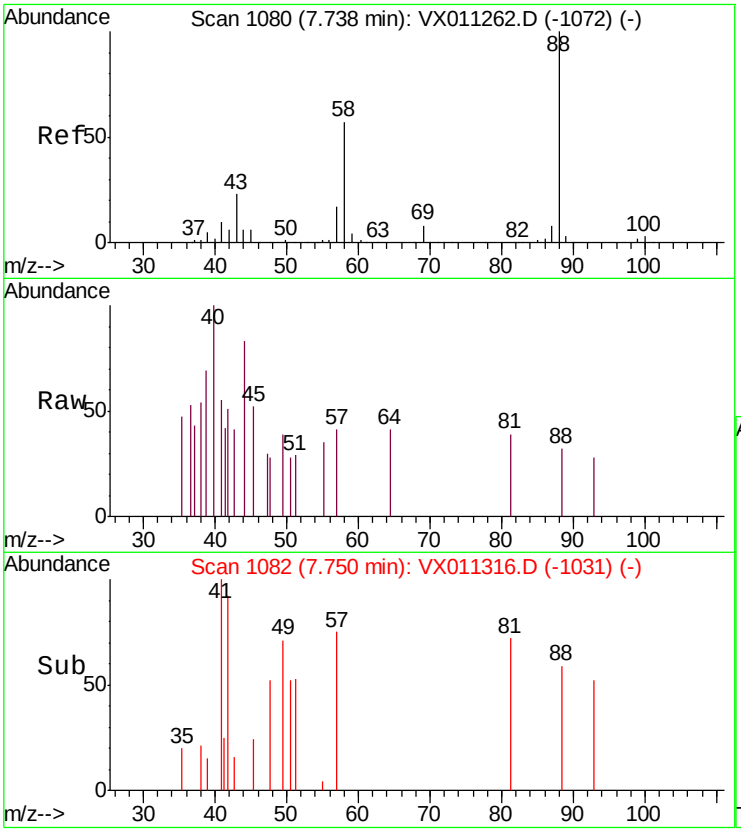


#44
Trichloroethene
Concen: 0.272 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion:130 Resp: 481

Ion	Ratio	Lower	Upper
130	100		
95	25.3	0.0	182.6



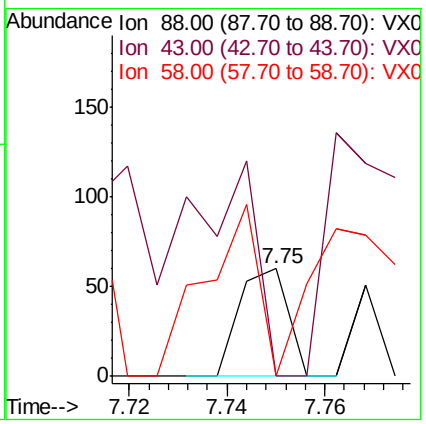


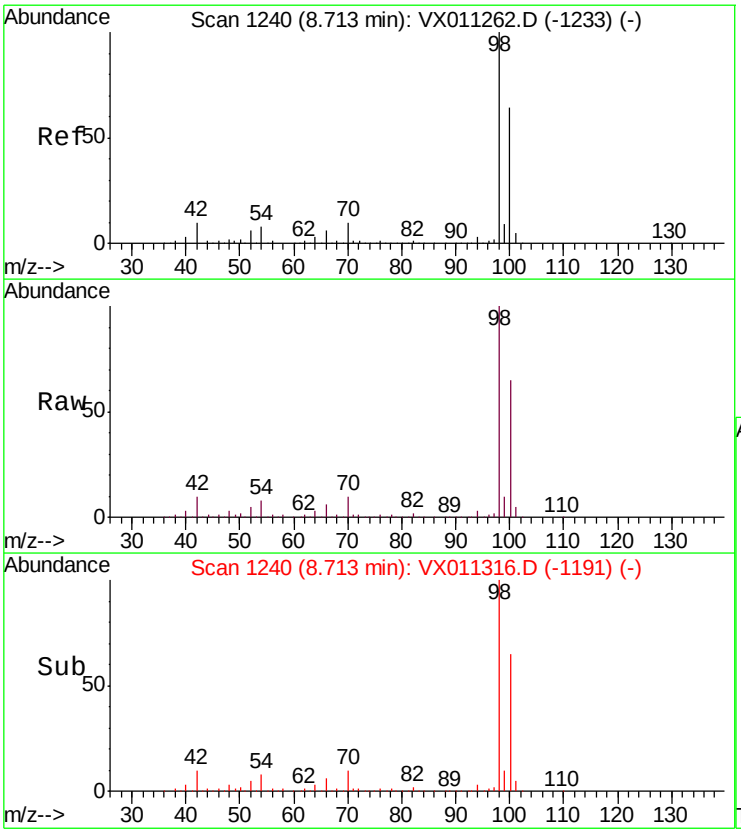
#49
1,4-Dioxane
Concen: 0.957 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_N
ClientSampleId :
Z3-0689

Tgt Ion: 88 Resp: 41

Ion	Ratio	Lower	Upper
88	100		
43	500.0	22.2	33.2#
58	180.5	47.8	71.8#

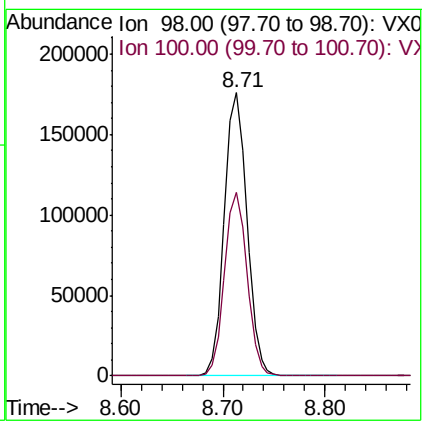


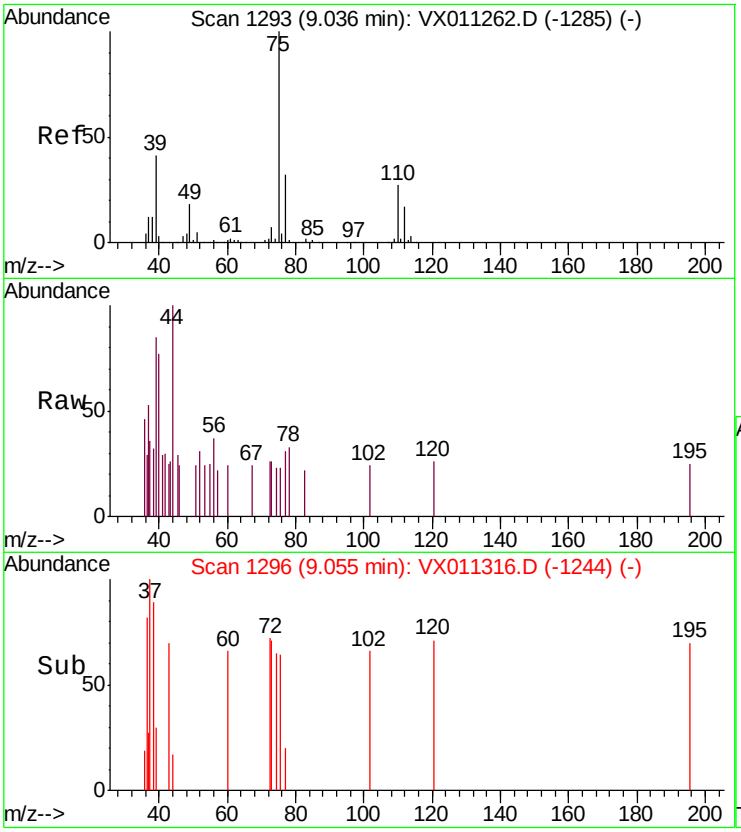


#50
Toluene-d8
Concen: 49.127 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion: 98 Resp: 271455

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5



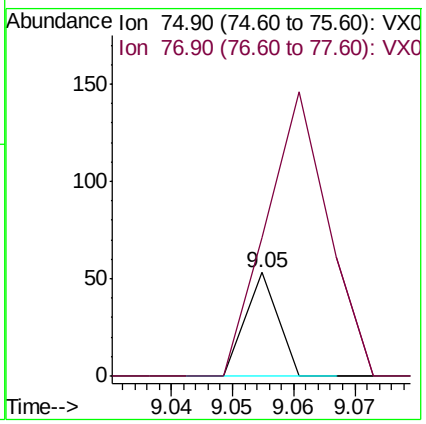


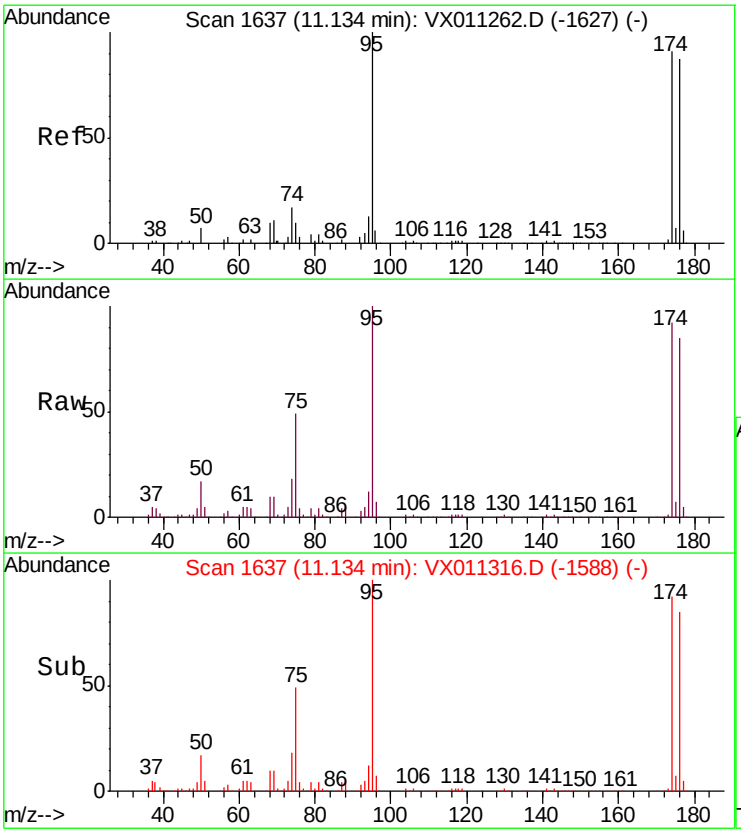
#53
t-1,3-Dichloropropene
Concen: 2.847 ug/l
RT: 9.05 min Scan# 1296
Delta R.T. 0.02 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_N
ClientSampleId :
Z3-0689

Tgt Ion: 75 Resp: 19

Ion	Ratio	Lower	Upper
75	100		
77	134.0	25.4	38.0#

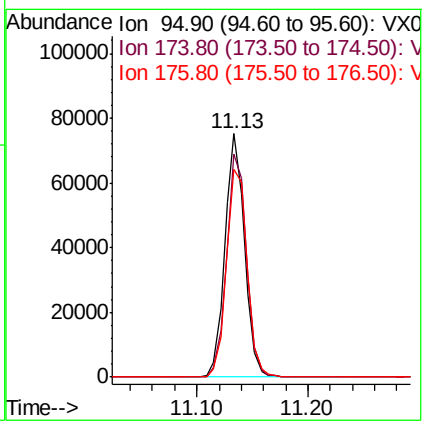


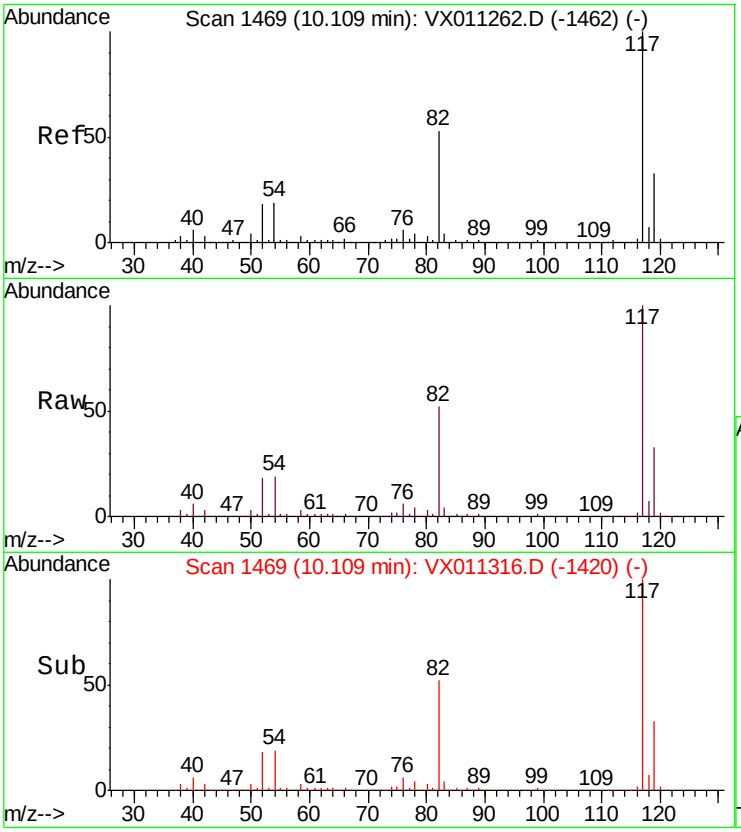


#62
4-Bromofluorobenzene
Concen: 46.265 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion: 95 Resp: 91270

Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	191.2
176	90.4	0.0	184.8



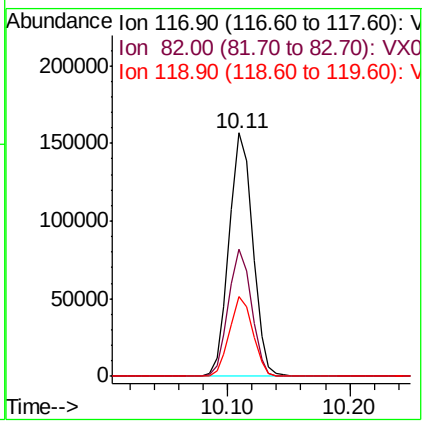


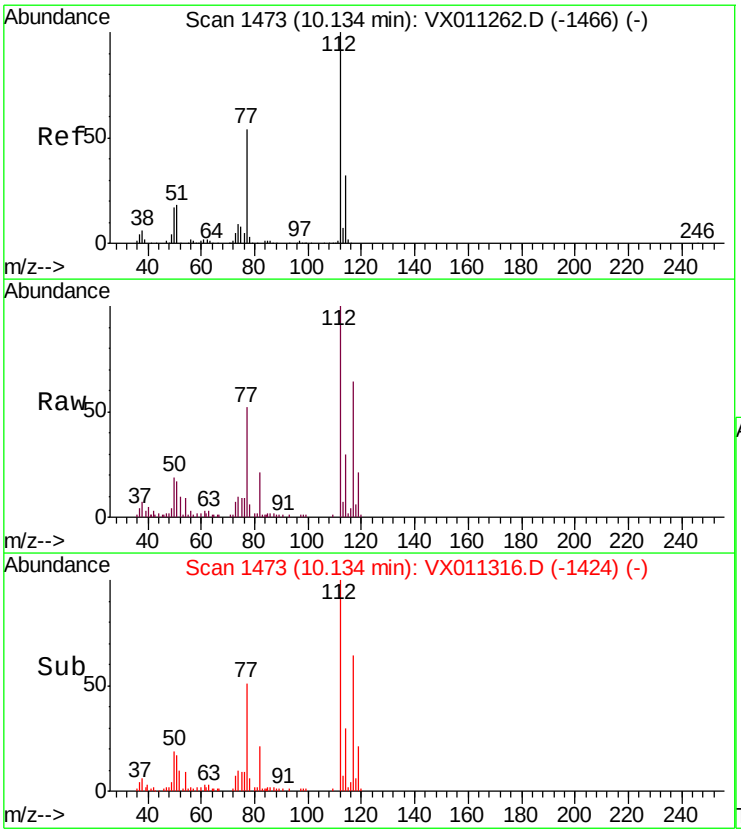
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_N
ClientSampleId :
Z3-0689

Tgt Ion:117 Resp: 209760

Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.2	63.2
119	32.6	26.6	39.8

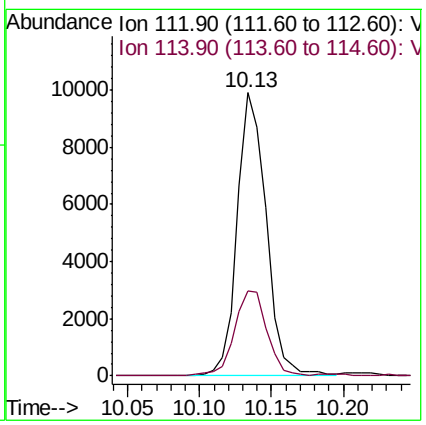


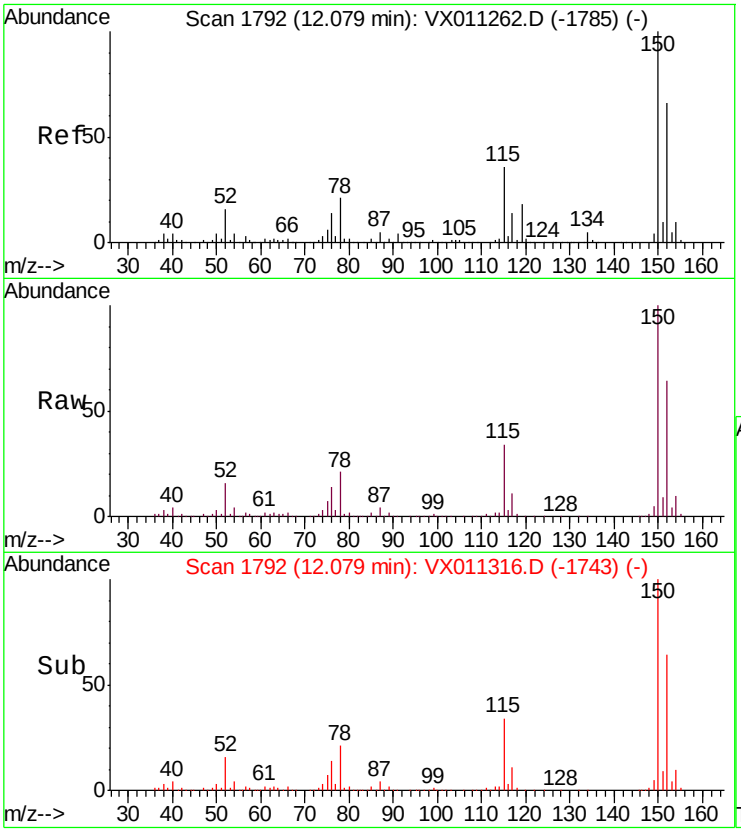


#65
Chlorobenzene
Concen: 3.083 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion:112 Resp: 13865

Ion	Ratio	Lower	Upper
112	100		
114	30.0	25.9	38.9



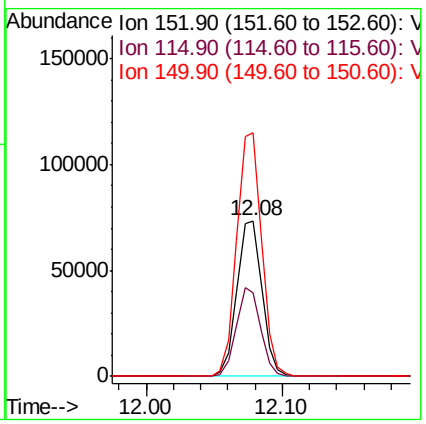


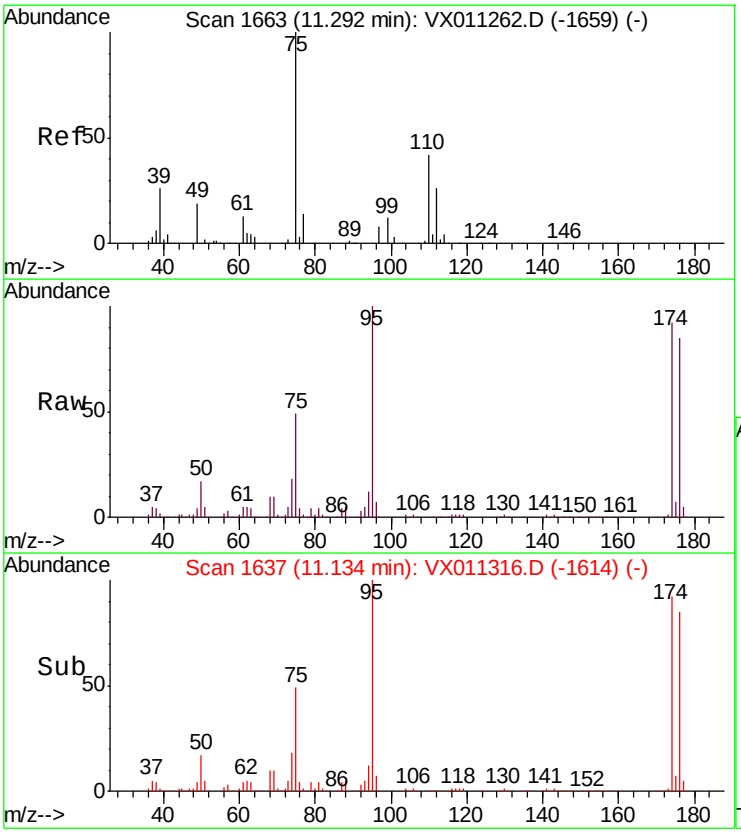
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_N
ClientSampleId :
Z3-0689

Tgt Ion:152 Resp: 94406

Ion	Ratio	Lower	Upper
152	100		
115	54.9	40.0	119.9
150	155.8	0.0	350.4

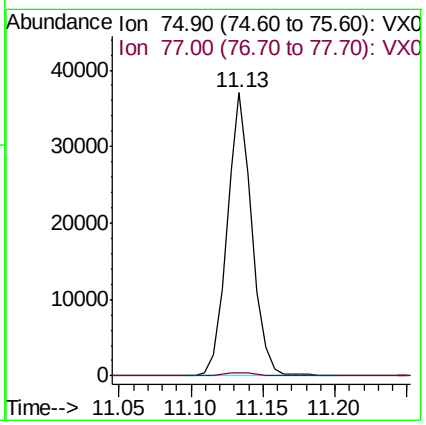


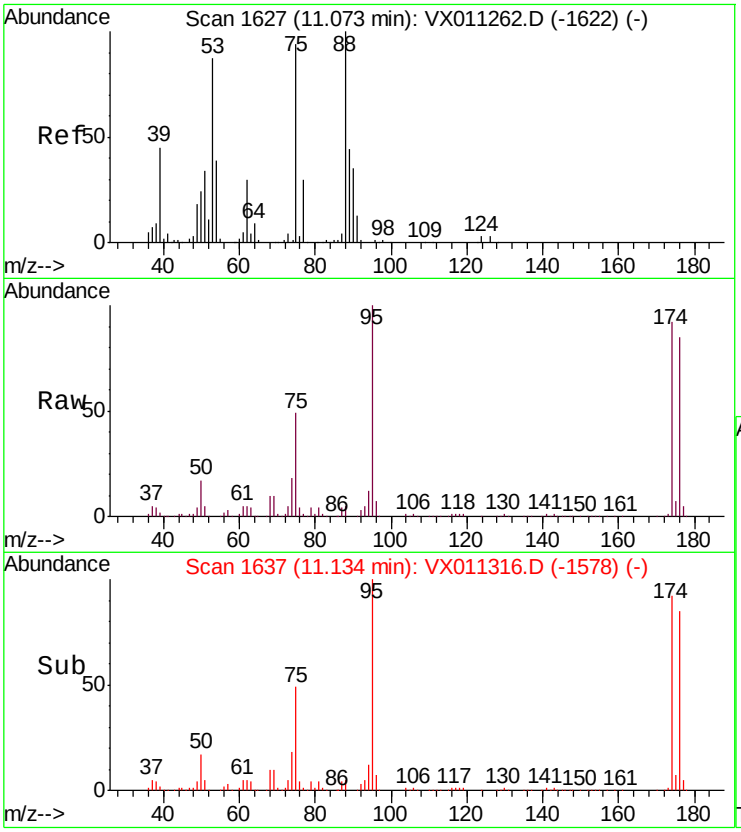


#76
1,2,3-Trichloropropane
Concen: 25.858 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion: 75 Resp: 44456

Ion	Ratio	Lower	Upper
75	100		
77	1.6	21.1	63.4#



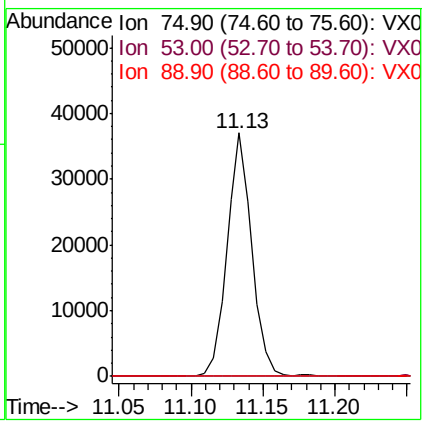


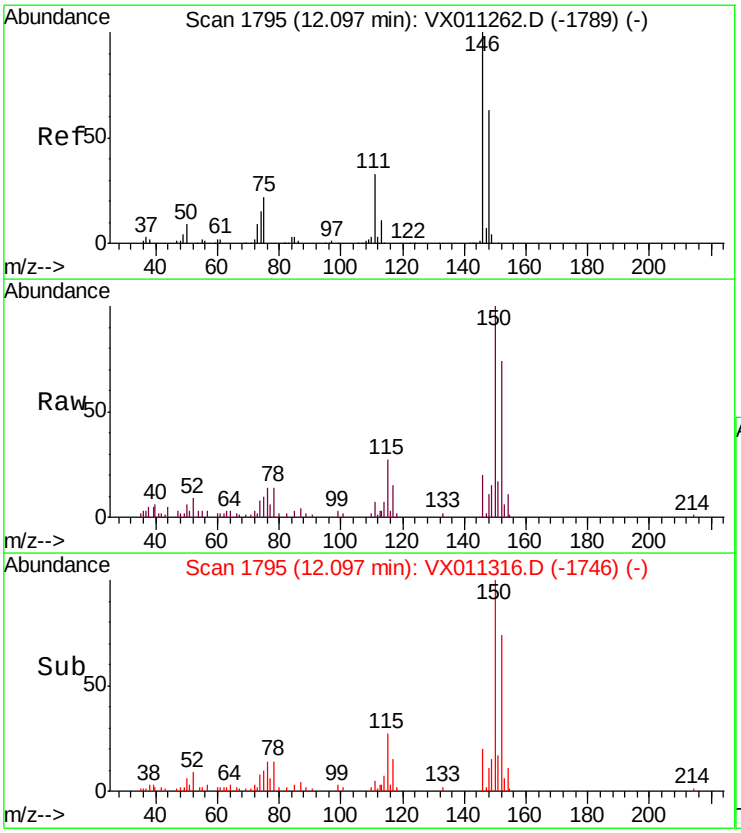
#81
trans-1,4-Dichloro-2-butene
Concen: 67.323 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_N
ClientSampleId :
Z3-0689

Tgt Ion: 75 Resp: 44456

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.2	117.4#
89	0.0	37.9	56.9#





#88
1,4-Dichlorobenzene
Concen: 0.366 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion:146 Resp: 1193

Ion	Ratio	Lower	Upper
146	100		
111	134.2	17.8	53.4#
148	102.8	31.8	95.3#