Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052419\
Data File : VX009889.D
Acq On : 24 May 2019 16:10
Operator : JC/SP
Sample : K3032-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0657

Quant Time: May 25 00:14:43 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	177509	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	286132	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	252853	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110127	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	122117	50.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.78%				
35) Dibromofluoromethane	5.50	113	88032	48.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.88%				
50) Toluene-d8	8.71	98	362374	49.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.80%				
62) 4-Bromofluorobenzene	11.13	95	123573	46.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	488	0.298	ug/l		98
3) Chloromethane	1.33	50	522	0.234	ug/l		96
4) Vinyl Chloride	1.41	62	29456	13.526	ug/l		98
5) Bromomethane	1.65	94	291	0.223	ug/l	#	38
6) Chloroethane	1.60	64	5966	4.267	ug/l	#	62
10) Methyl Iodide	2.51	142	50	4.617	ug/l	#	87
11) Tert butyl alcohol	3.04	59	1300	2.318	ug/l	#	84
12) 1,1-Dichloroethene	2.37	96	3831	2.300	ug/l		100
13) Acrolein	2.27	56	310	0.610	ug/l	#	68
16) Acetone	2.44	43	43076	33.106	ug/l		95
20) Methylene Chloride	2.86	84	513	0.244	ug/l	#	89
21) trans-1,2-Dichloroethene	3.17	96	248963	137.831	ug/l		96
25) 2-Butanone	4.68	43	8515	4.211	ug/l		94
27) cis-1,2-Dichloroethene	4.60	96	760290	352.637	ug/l		91
28) Bromochloromethane	5.01	49	59	Below Cal		#	20
29) Tetrahydrofuran	5.14	42	1182	0.908	ug/l	#	66
36) 1,1-Dichloropropene	5.66	75	14268	5.366	ug/l	#	51
38) Carbon Tetrachloride	5.66	117	17306	7.163	ug/l	#	16
39) Methylcyclohexane	7.22	83	24705	7.565	ug/l	#	1
44) Trichloroethene	7.22	130	1970136	990.288	ug/l		98
51) 4-Methyl-2-Pentanone	8.64	43	1064	0.275	ug/l		94
52) Toluene	8.79	92	1151	0.230	ug/l		97
65) Chlorobenzene	10.14	112	3683	0.728	ug/l		97
76) 1,2,3-Trichloropropane	11.13	75	63699	24.936	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	63699	63.801	ug/l	#	10

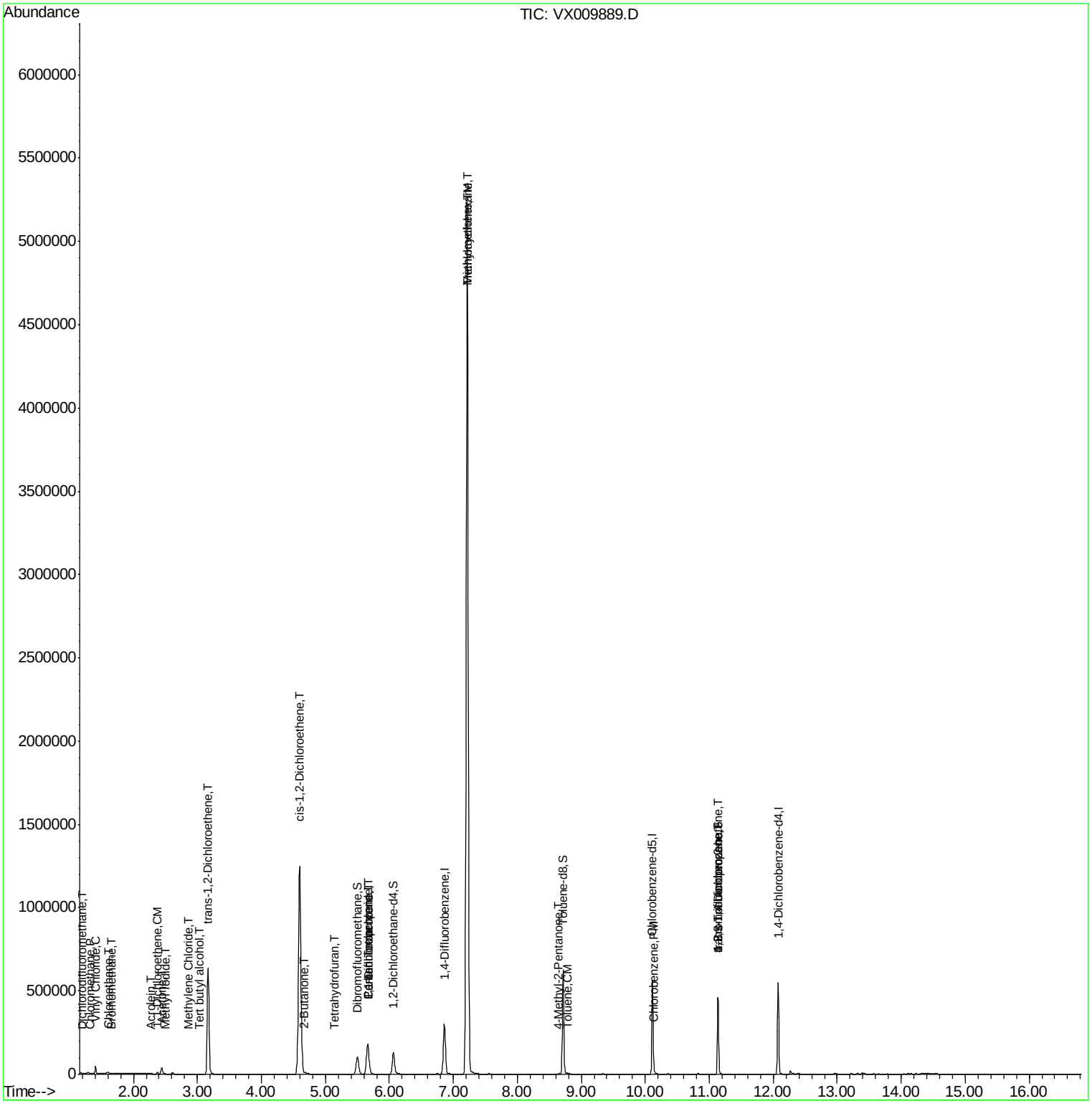
(#) = qualifier out of range (m) = manual integration (+) = signals summed

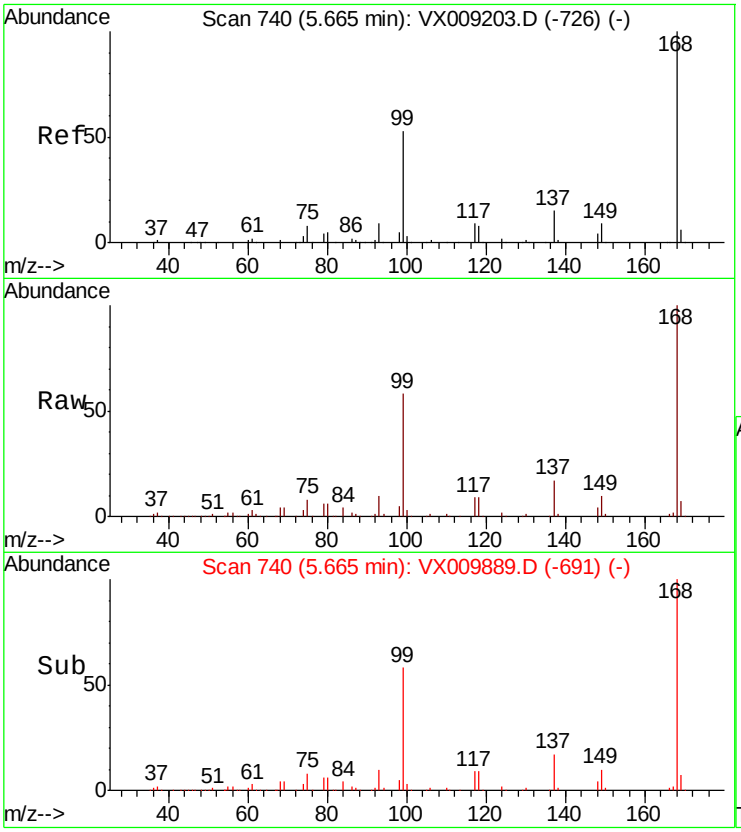
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
Data File : VX009889.D
Acq On : 24 May 2019 16:10
Operator : JC/SP
Sample : K3032-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Quant Time: May 25 00:14:43 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



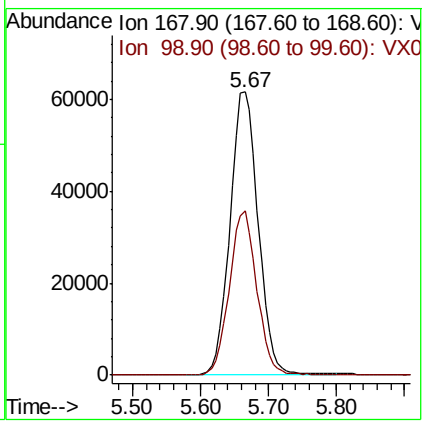


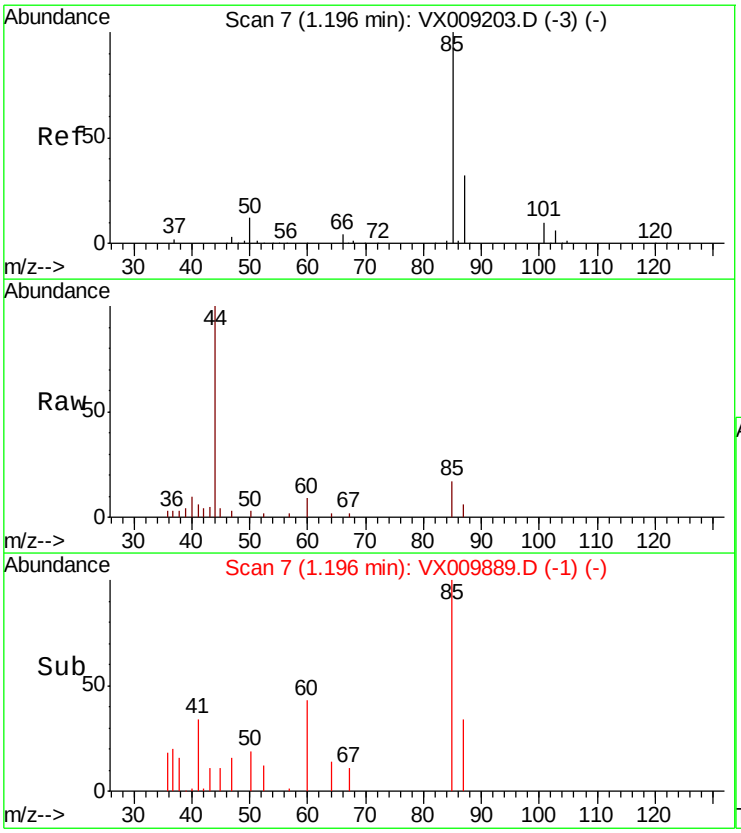
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Tgt Ion:168 Resp: 177509

Ion	Ratio	Lower	Upper
168	100		
99	58.0	42.3	63.5

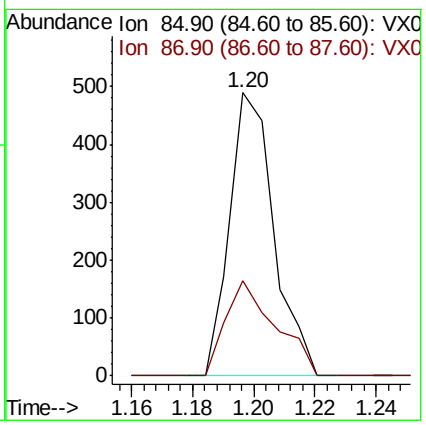


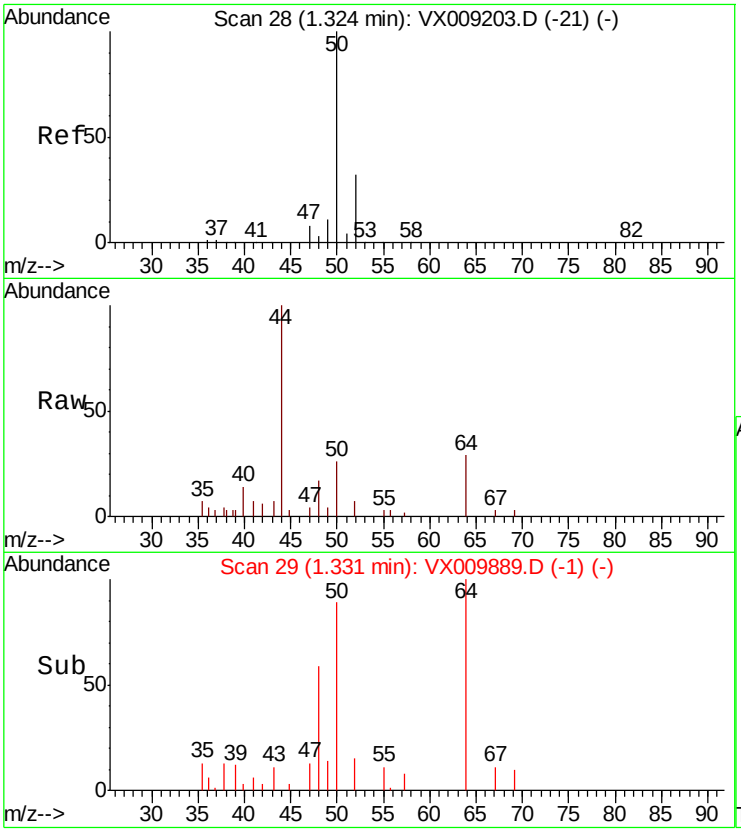


#2
Dichlorodifluoromethane
Concen: 0.298 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion: 85 Resp: 488

Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.1	48.3



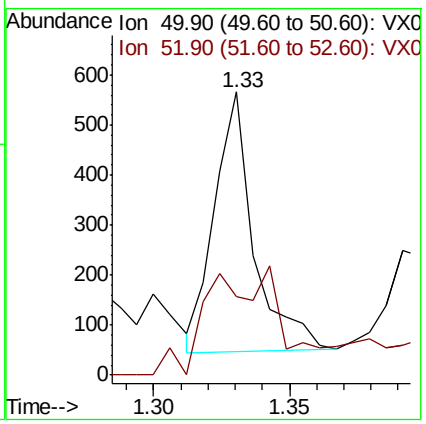


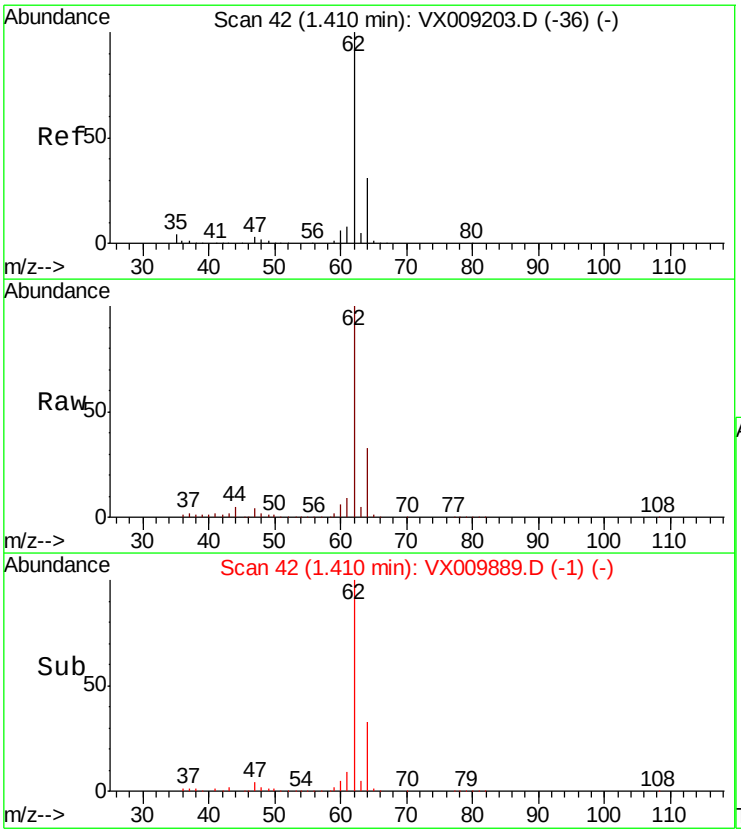
#3
Chloromethane
Concen: 0.234 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument : MSVOA_X
ClientSampleId : S32-0657

Tgt Ion: 50 Resp: 522

Ion	Ratio	Lower	Upper
50	100		
52	30.4	25.9	38.9

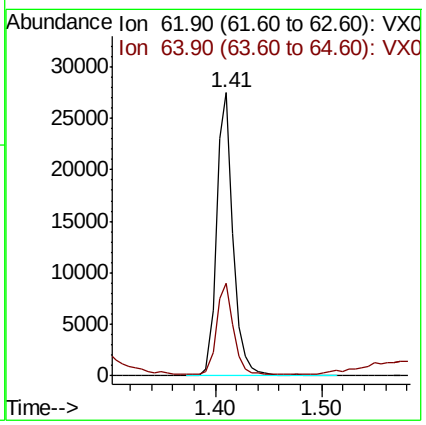


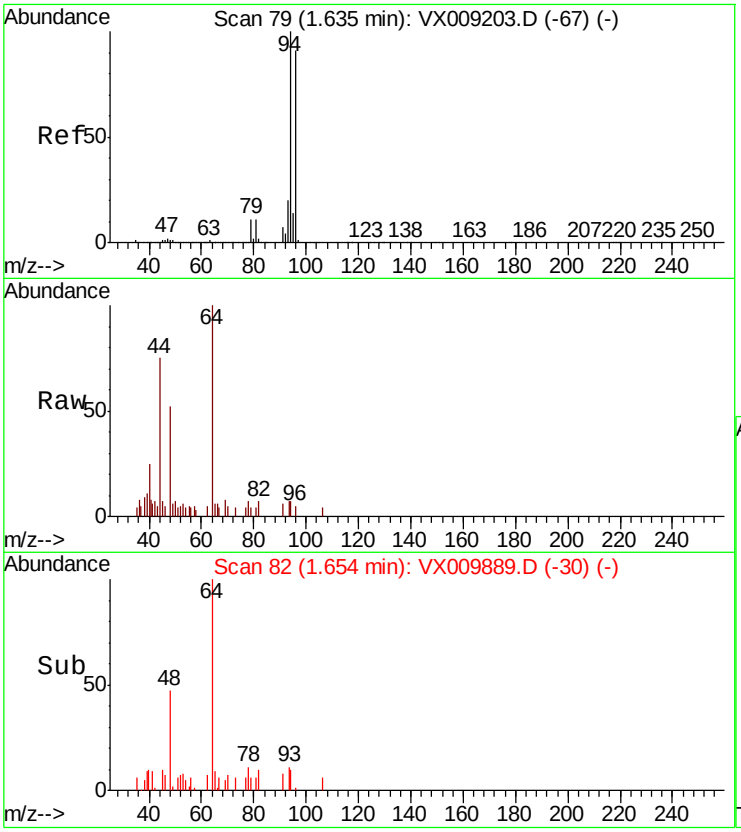


#4
Vinyl Chloride
Concen: 13.526 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion: 62 Resp: 29456

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.6	36.8



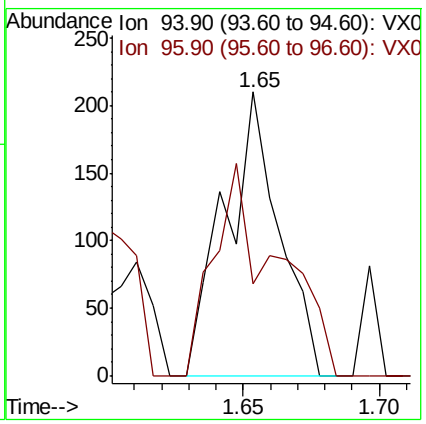


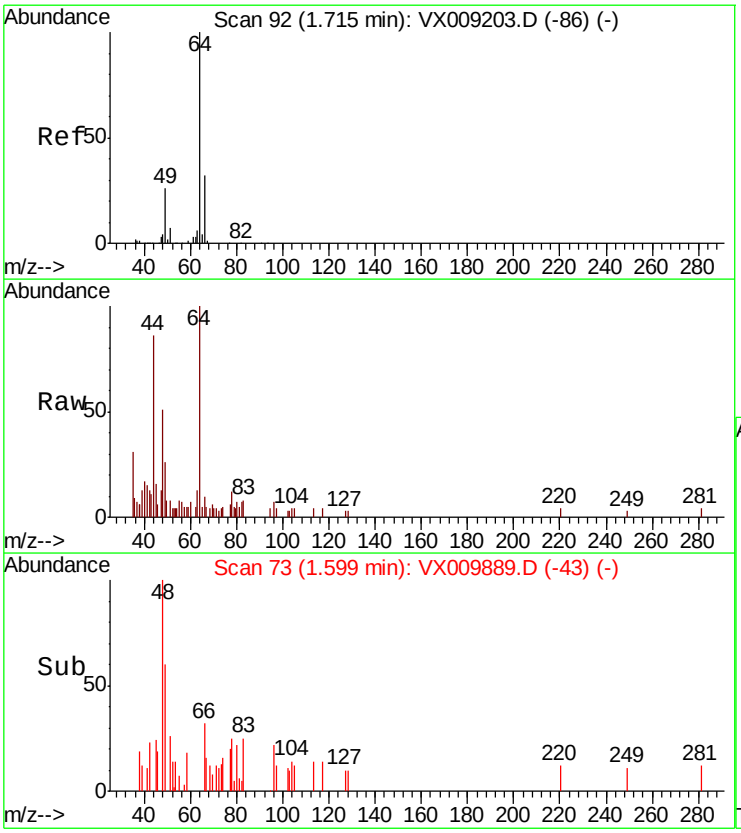
#5
Bromomethane
Concen: 0.223 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Tgt Ion: 94 Resp: 291

Ion	Ratio	Lower	Upper
94	100		
96	32.4	73.0	109.6#

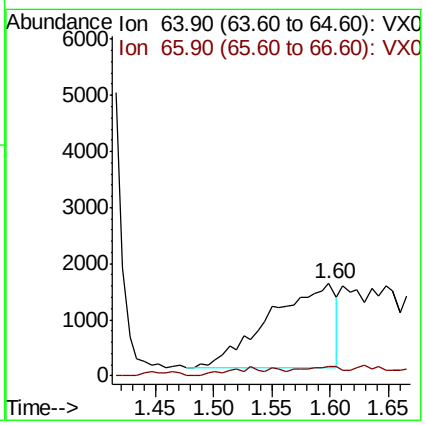


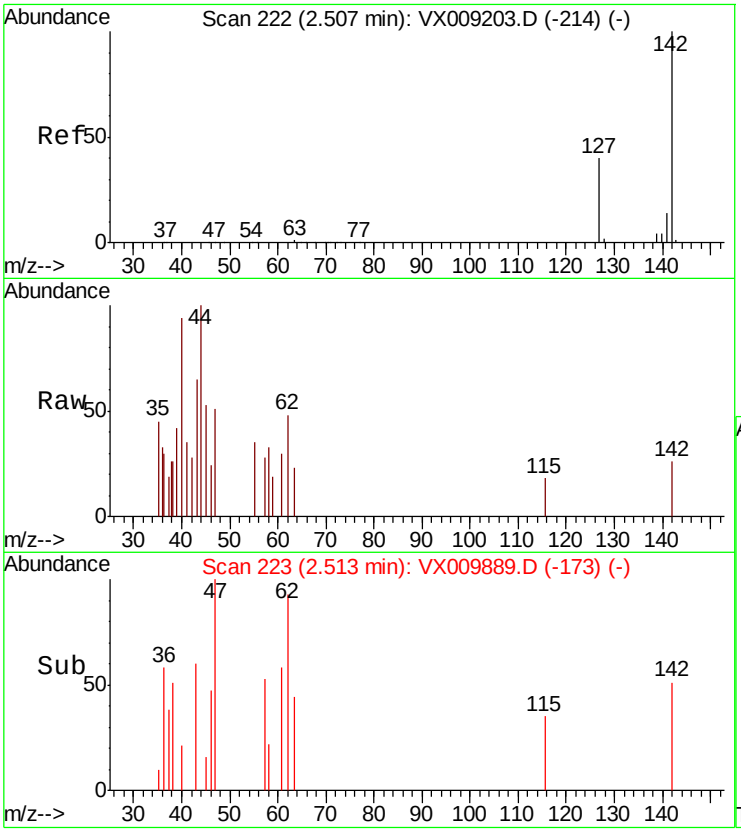


#6
Chloroethane
Concen: 4.267 ug/l
RT: 1.60 min Scan# 73
Delta R.T. -0.12 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion: 64 Resp: 5966

Ion	Ratio	Lower	Upper
64	100		
66	10.7	25.3	37.9#



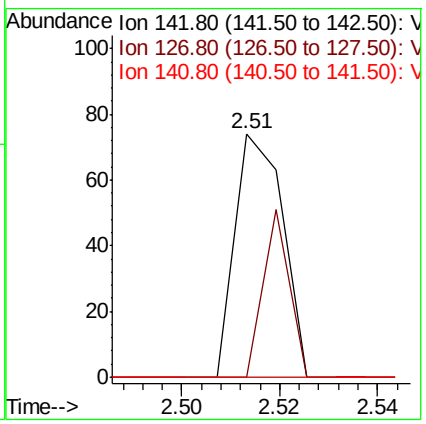


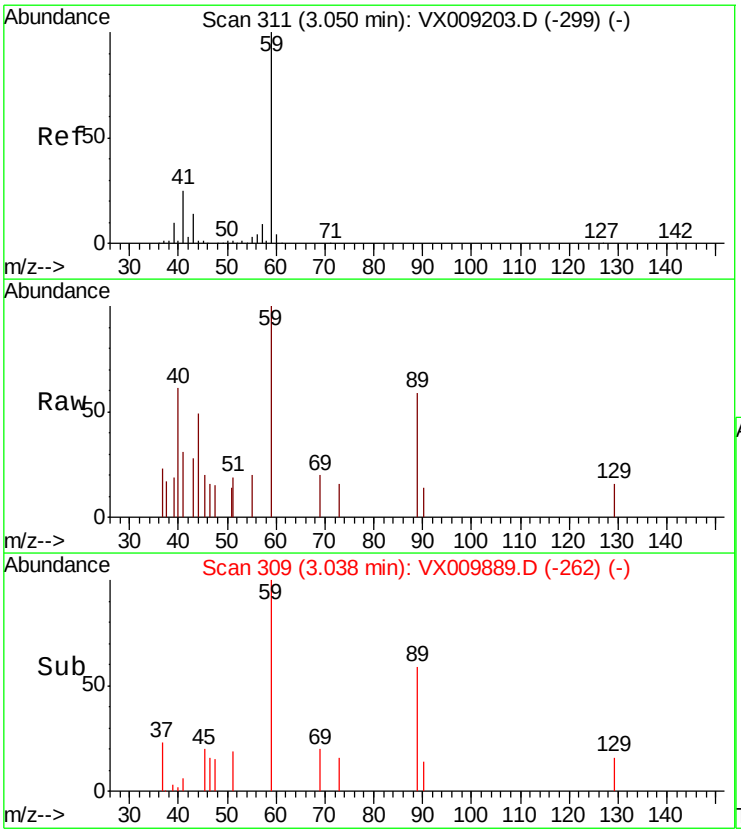
#10
Methyl Iodide
Concen: 4.617 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument : MSVOA_X
ClientSampleId : S32-0657

Tgt Ion:142 Resp: 50

Ion	Ratio	Lower	Upper
142	100		
127	38.0	32.7	49.1
141	0.0	11.5	17.3#

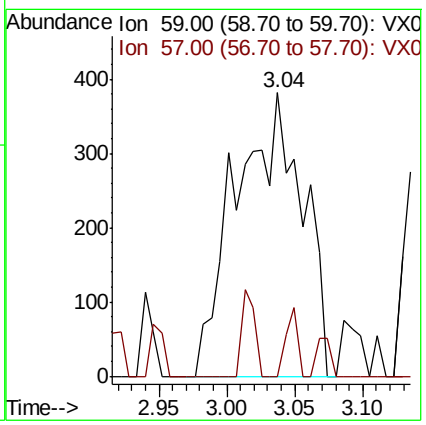


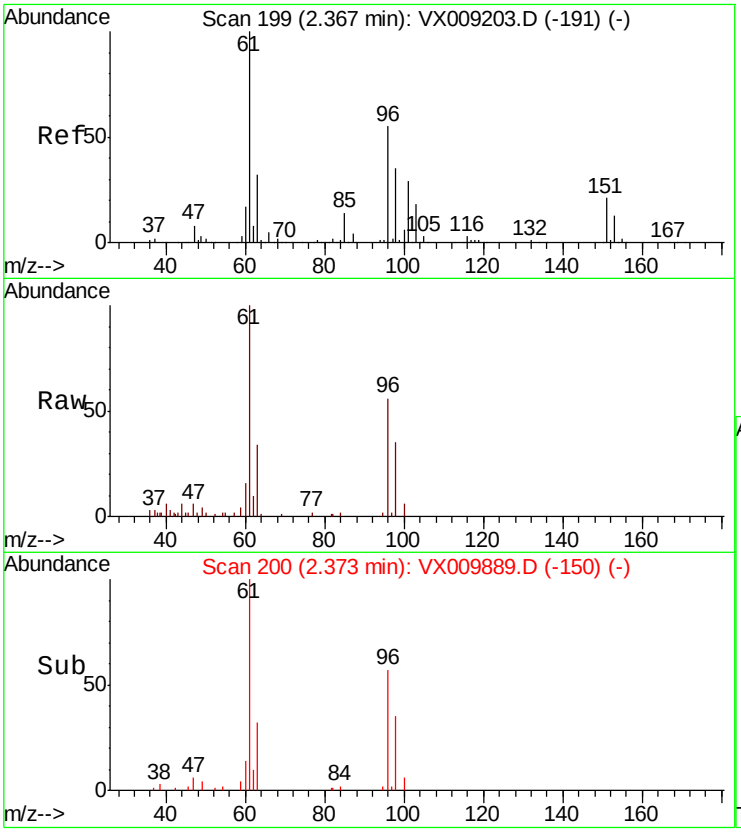


#11
Tert butyl alcohol
Concen: 2.318 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion: 59 Resp: 1300

Ion	Ratio	Lower	Upper
59	100		
57	4.2	8.2	12.2#



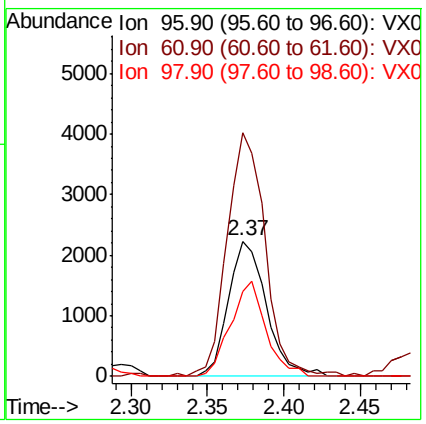


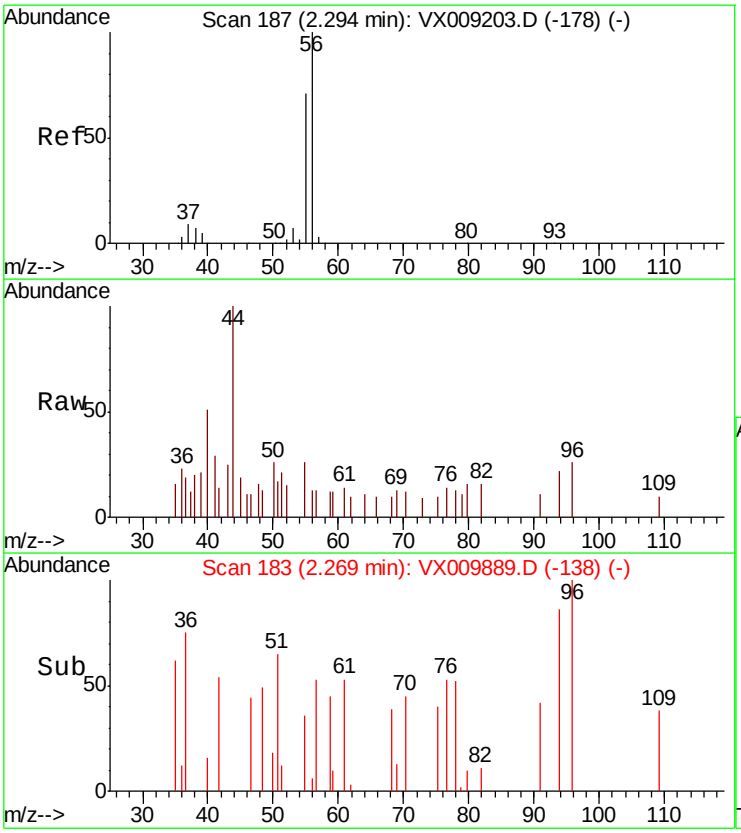
#12
1,1-Dichloroethene
Concen: 2.300 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument : MSVOA_X
ClientSampleId : S32-0657

Tgt Ion: 96 Resp: 3831

Ion	Ratio	Lower	Upper
96	100		
61	179.9	144.3	216.5
98	62.4	50.3	75.5

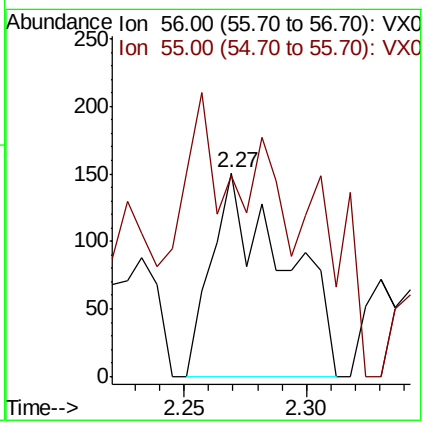


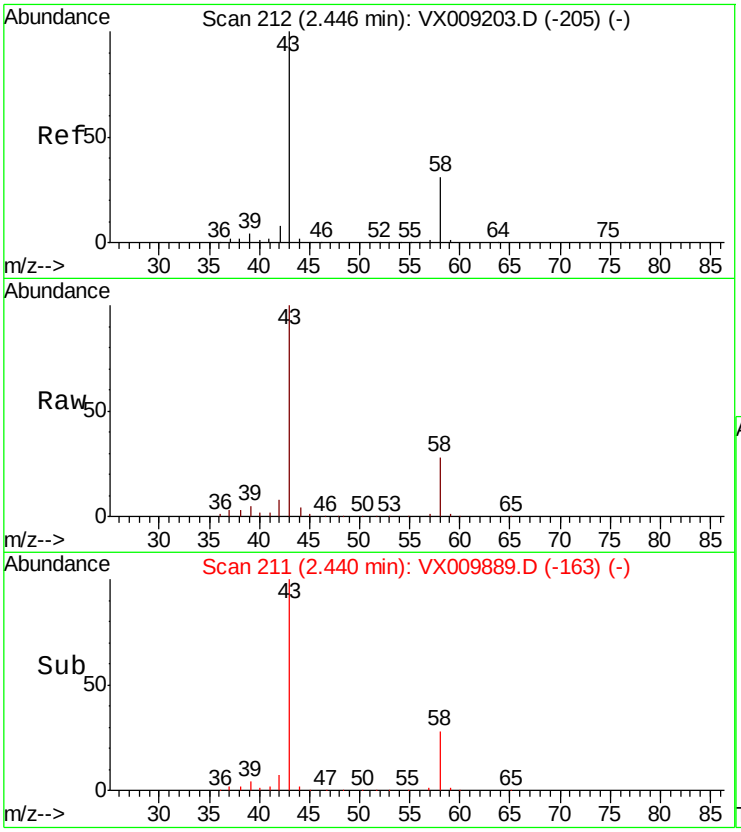


#13
Acrolein
Concen: 0.610 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion: 56 Resp: 310

Ion	Ratio	Lower	Upper
56	100		
55	44.2	56.6	85.0#



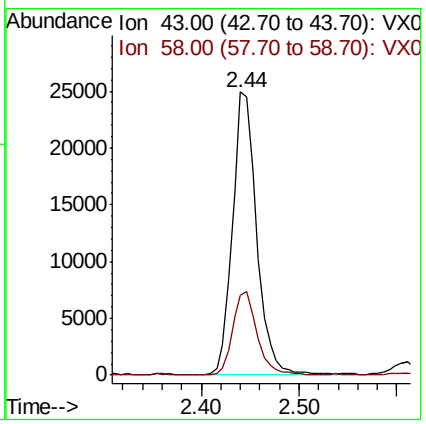


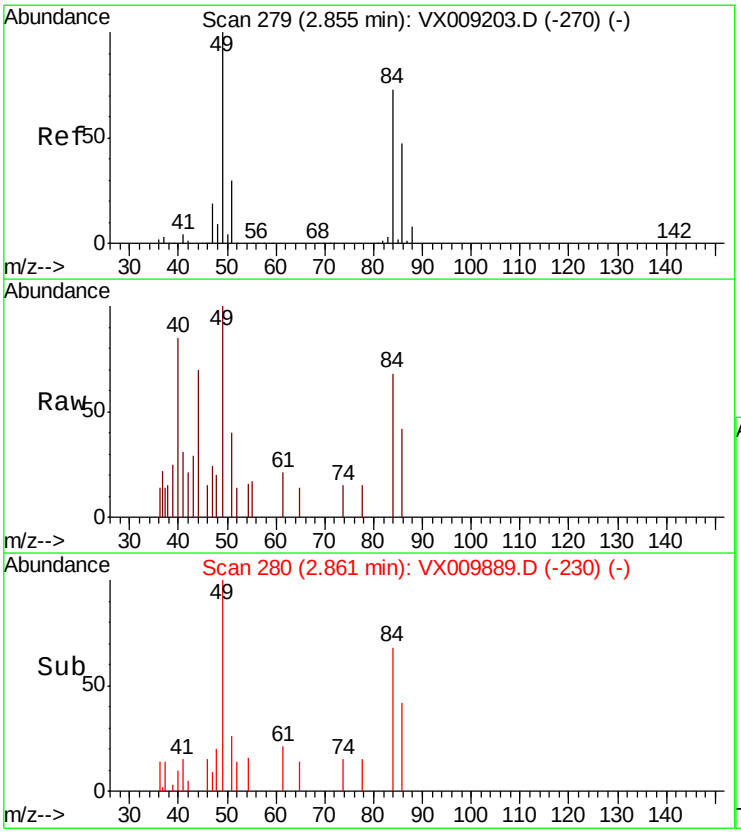
#16
Acetone
Concen: 33.106 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Tgt Ion: 43 Resp: 43076

Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.9	37.3

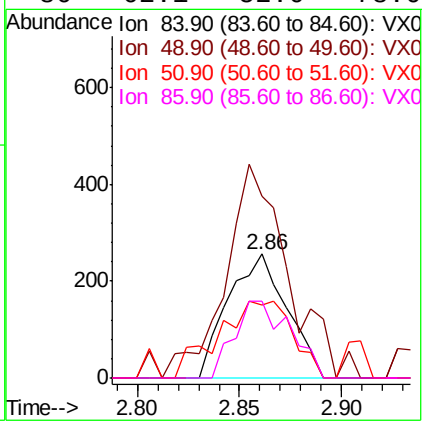


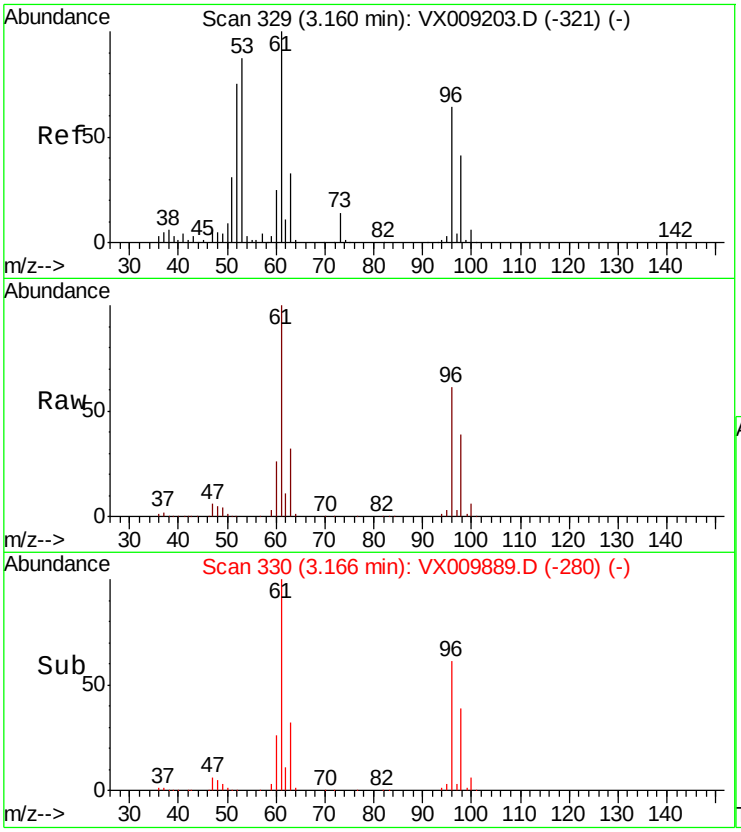


#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion: 84 Resp: 513

Ion	Ratio	Lower	Upper
84	100		
49	125.8	109.9	164.9
51	58.6	32.7	49.1#
86	62.1	52.0	78.0



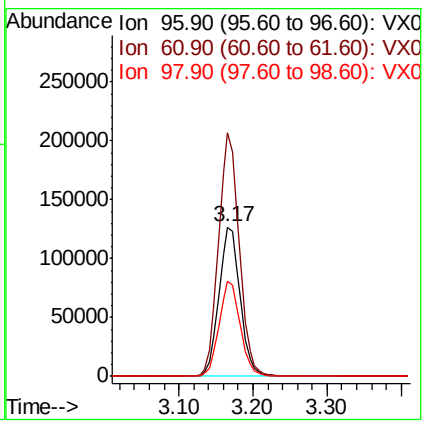


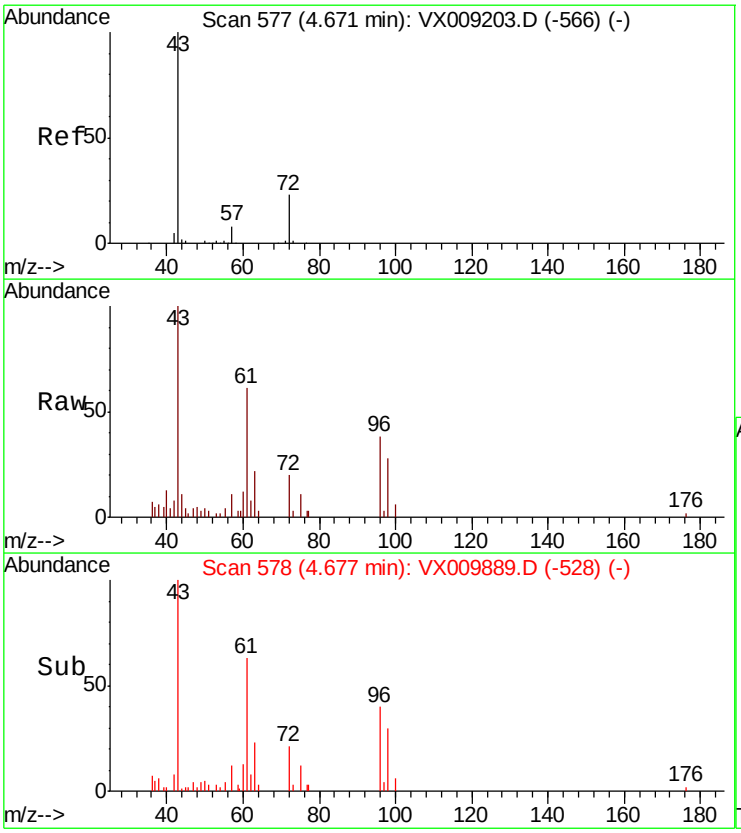
#21
trans-1,2-Dichloroethene
Concen: 137.831 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument : MSVOA_X
ClientSampleId : S32-0657

Tgt Ion: 96 Resp: 248963

Ion	Ratio	Lower	Upper
96	100		
61	163.0	124.5	186.7
98	63.4	50.4	75.6

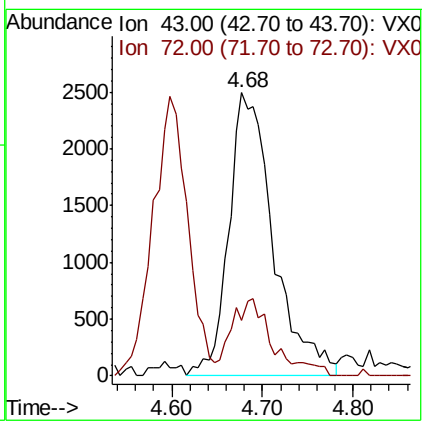


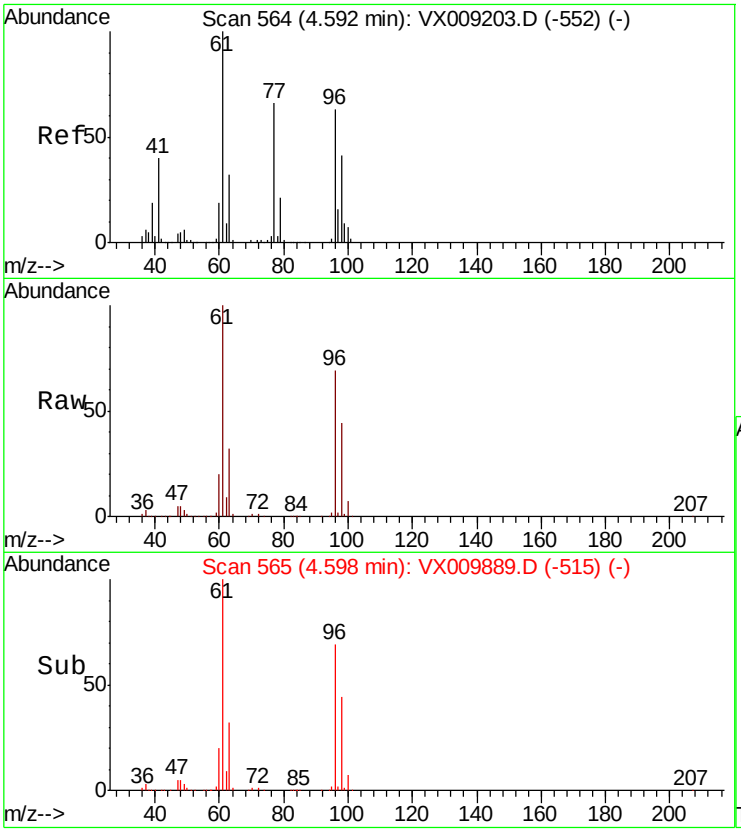


#25
2-Butanone
Concen: 4.211 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion: 43 Resp: 8515

Ion	Ratio	Lower	Upper
43	100		
72	19.8	18.2	27.2



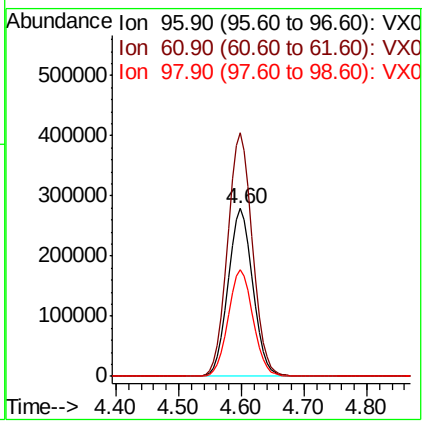


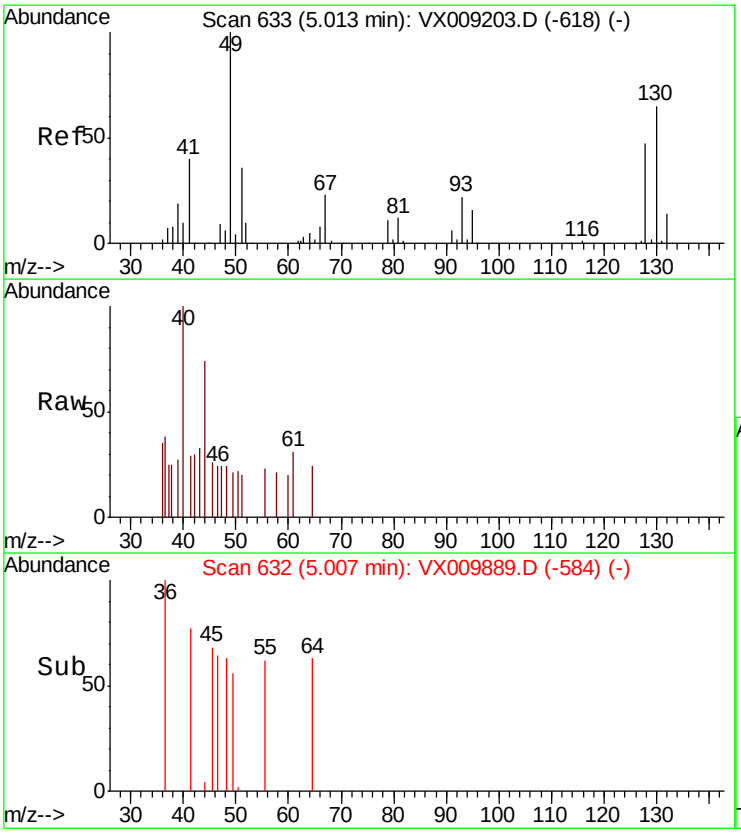
#27
cis-1,2-Dichloroethene
Concen: 352.637 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Tgt Ion: 96 Resp: 760290

Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	324.0
98	64.0	0.0	130.4

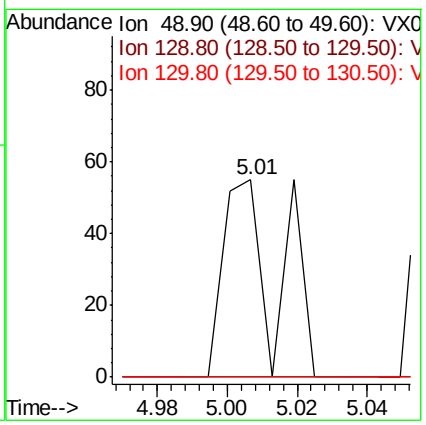


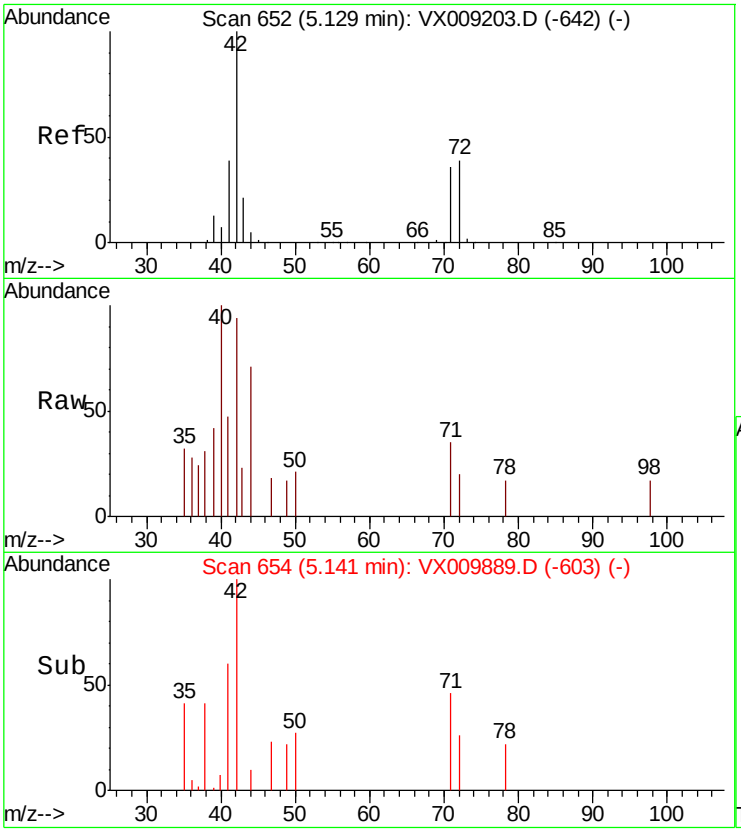


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion: 49 Resp: 59

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



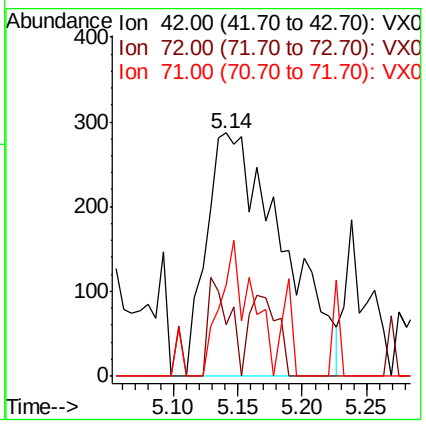


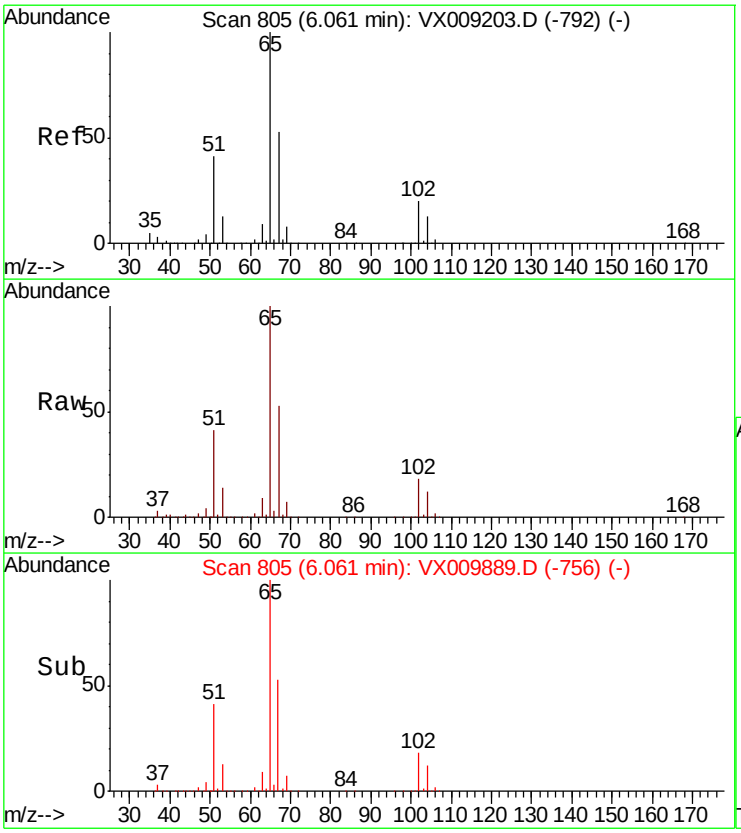
#29
Tetrahydrofuran
Concen: 0.908 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Tgt Ion: 42 Resp: 1182

Ion	Ratio	Lower	Upper
42	100		
72	11.2	30.4	45.6#
71	22.8	28.6	43.0#

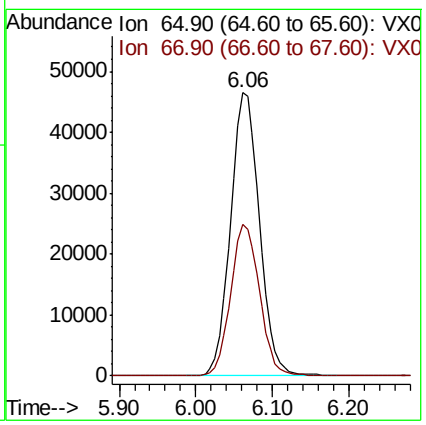


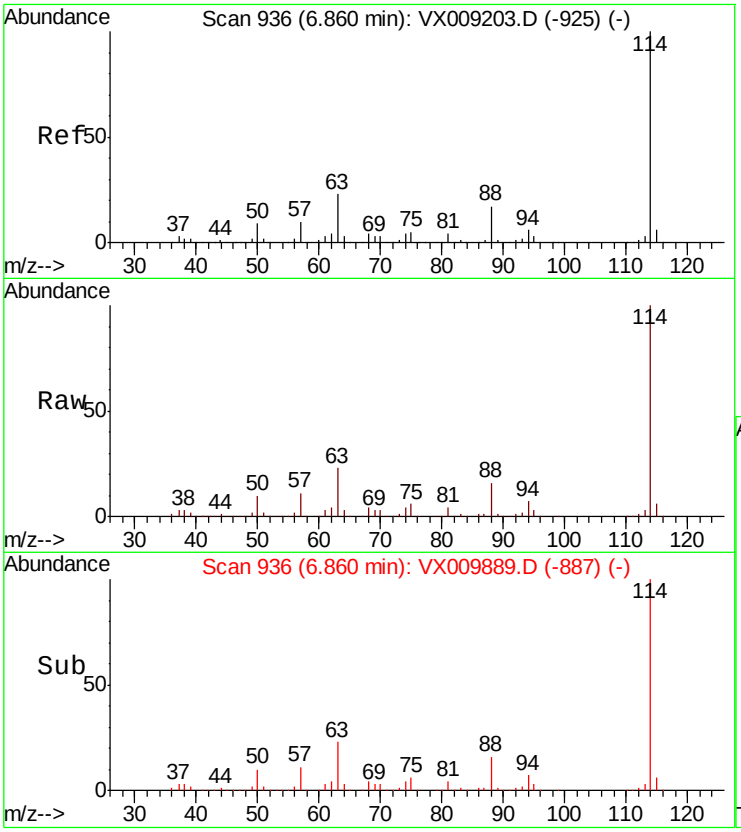


#33
1,2-Dichloroethane-d4
Concen: 50.395 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion: 65 Resp: 122117

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.6



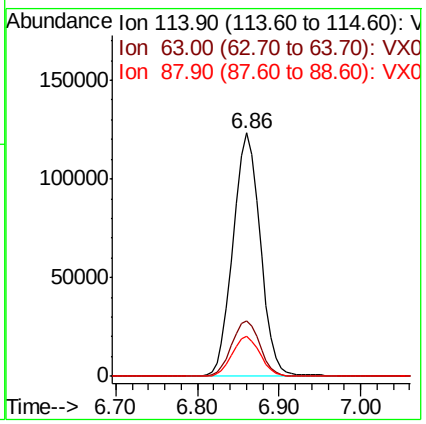


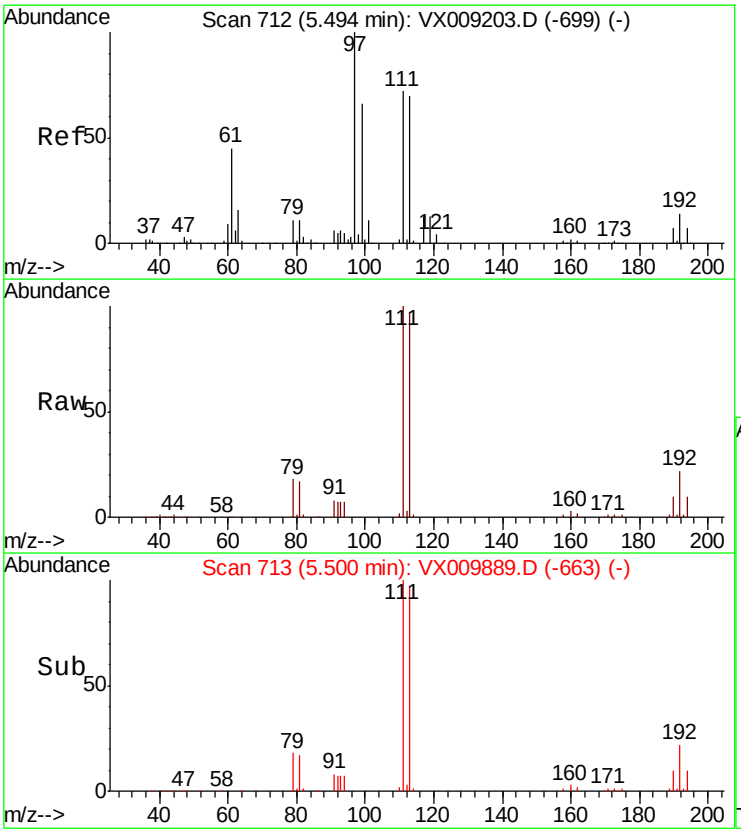
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Tgt Ion:114 Resp: 286132

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	16.5	0.0	33.2

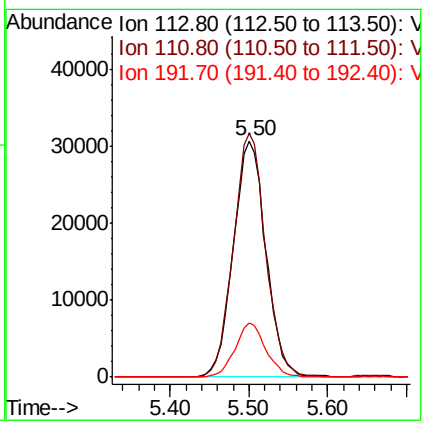


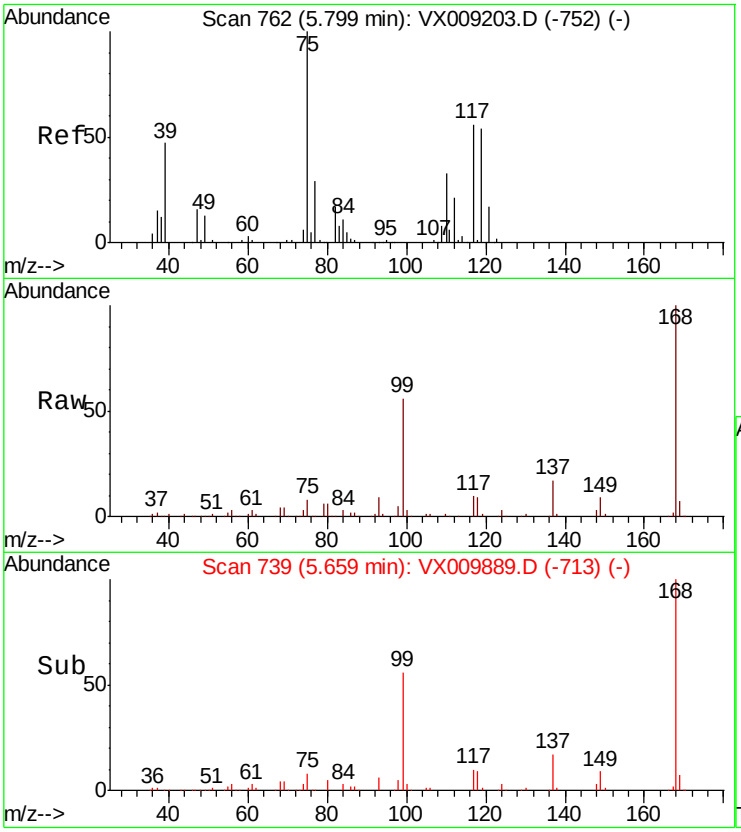


#35
Dibromofluoromethane
Concen: 48.941 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion:113 Resp: 88032

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.8	124.2
192	21.5	17.0	25.6



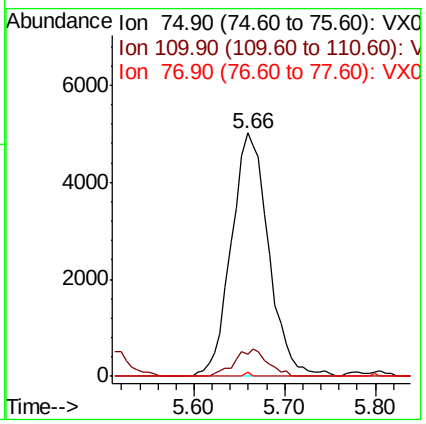


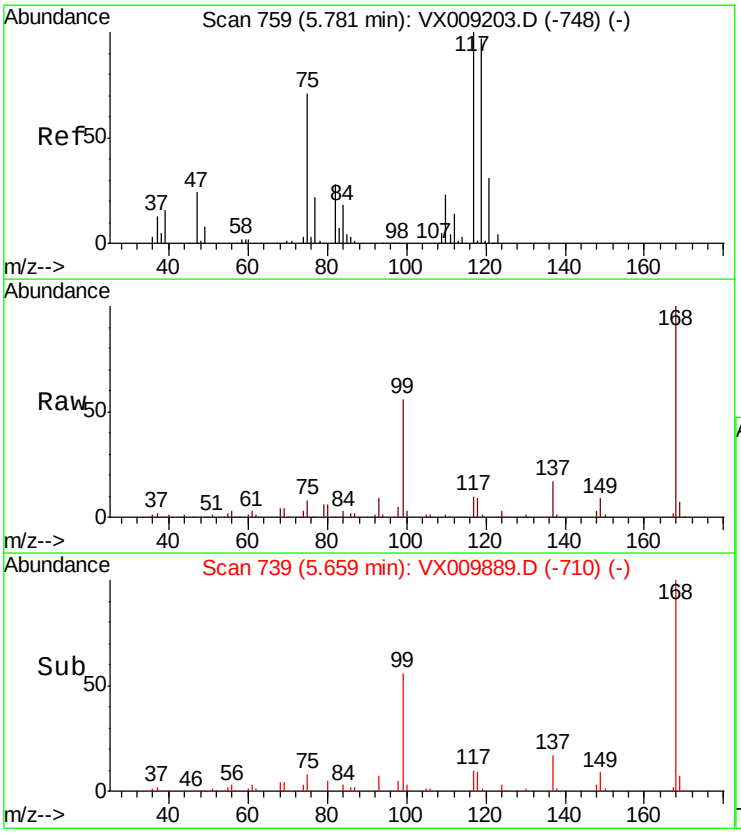
#36
1,1-Dichloropropene
Concen: 5.366 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Tgt Ion: 75 Resp: 14268

Ion	Ratio	Lower	Upper
75	100		
110	10.0	16.9	50.6#
77	0.2	24.8	37.2#

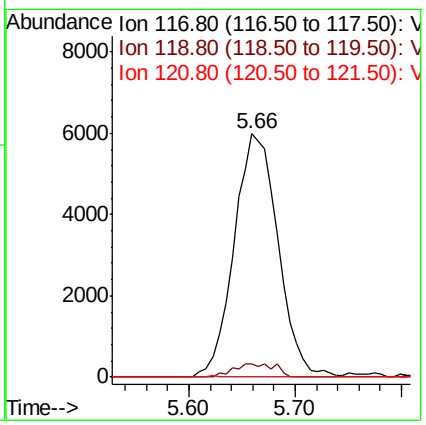


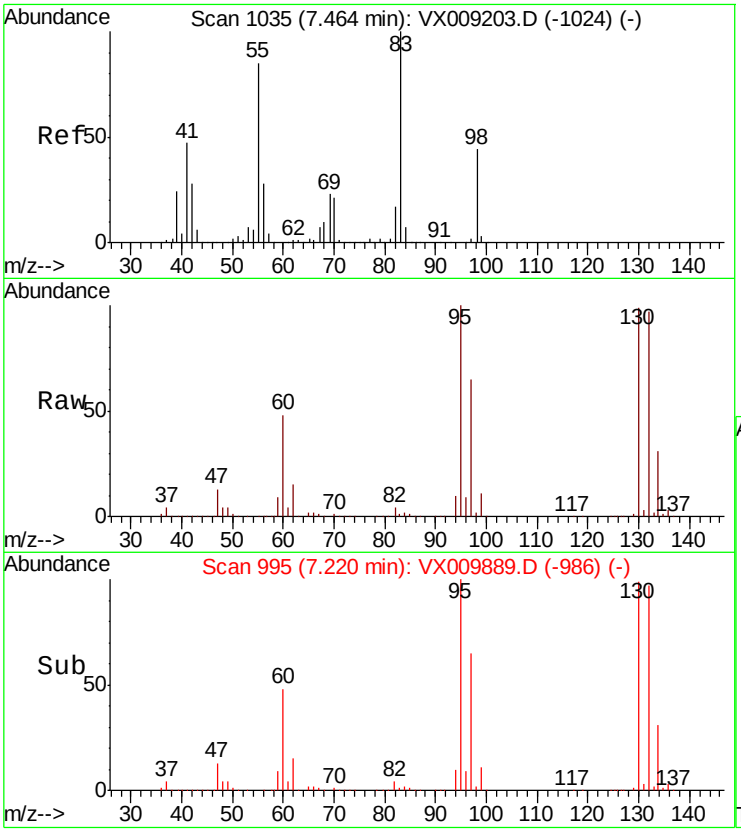


#38
Carbon Tetrachloride
Concen: 7.163 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion:117 Resp: 17306

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.5	116.3#
121	0.0	24.7	37.1#



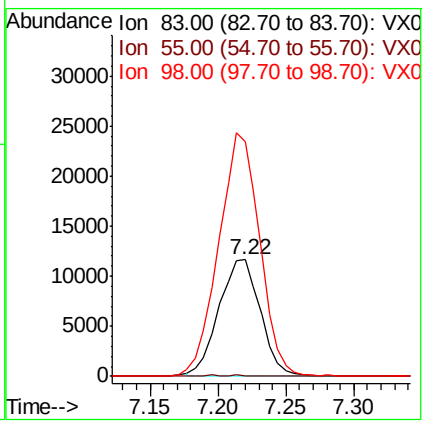


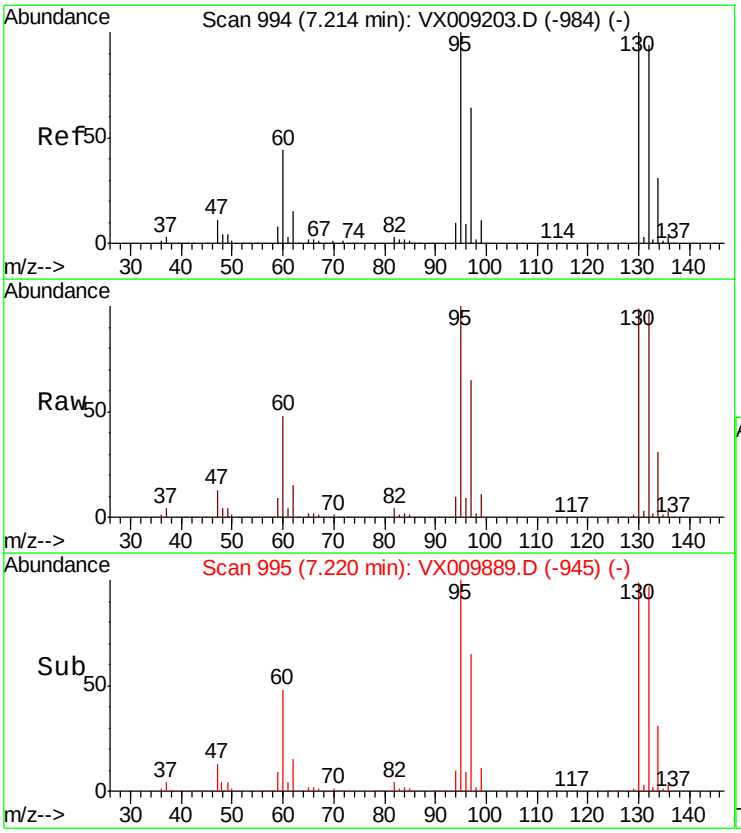
#39
Methylcyclohexane
Concen: 7.565 ug/l
RT: 7.22 min Scan# 995
Delta R.T. -0.24 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Tgt Ion: 83 Resp: 24705

Ion	Ratio	Lower	Upper
83	100		
55	0.1	67.7	101.5#
98	200.8	35.5	53.3#

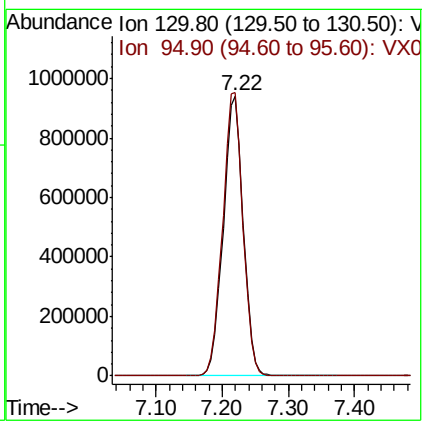


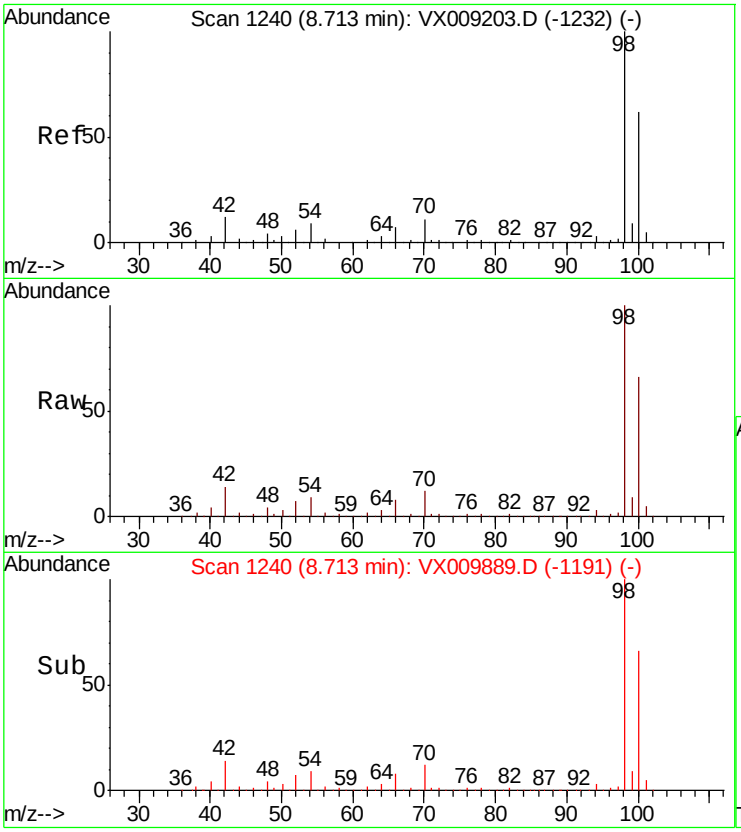


#44
Trichloroethene
Concen: 990.288 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion:130 Resp: 1970136

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	199.2



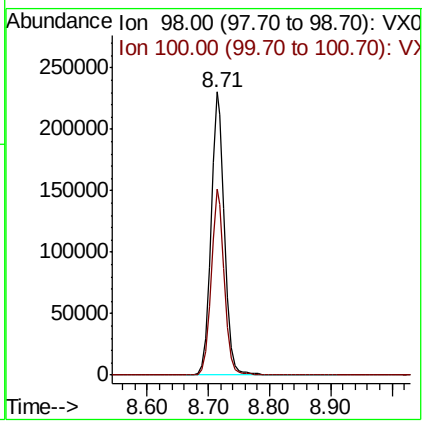


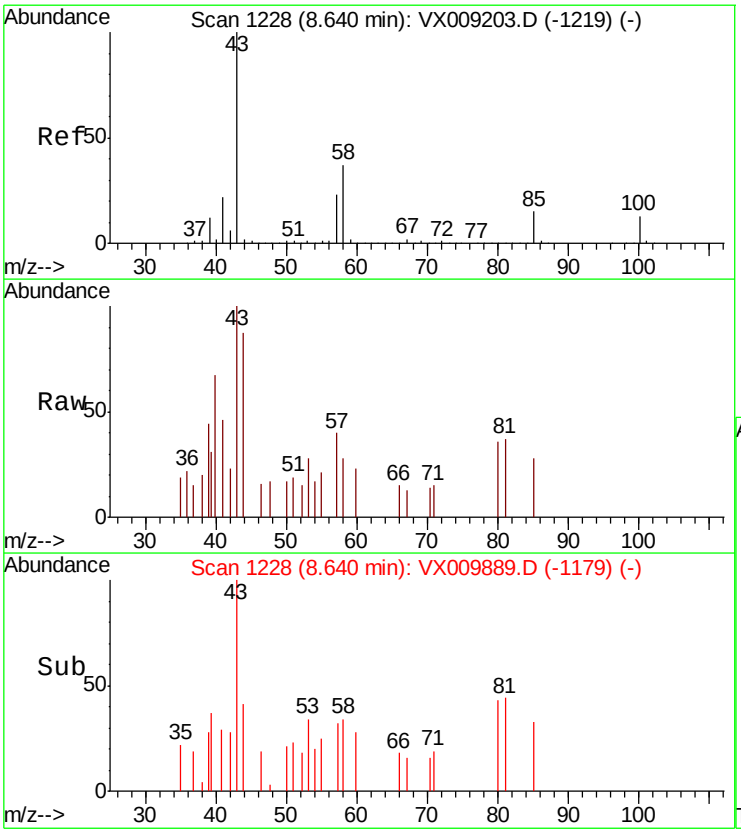
#50
Toluene-d8
Concen: 49.900 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Tgt Ion: 98 Resp: 362374

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.2	76.8

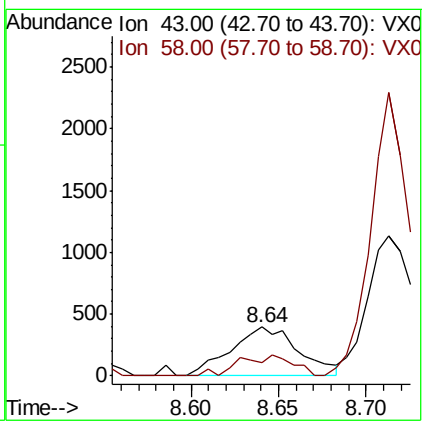


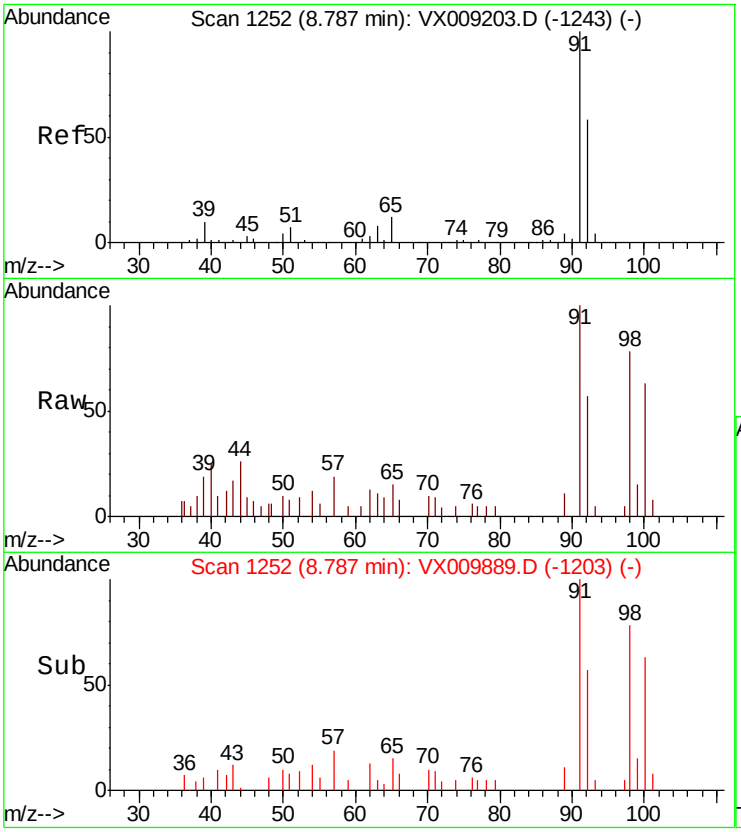


#51
4-Methyl-2-Pentanone
Concen: 0.275 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion: 43 Resp: 1064

Ion	Ratio	Lower	Upper
43	100		
58	33.6	29.5	44.3



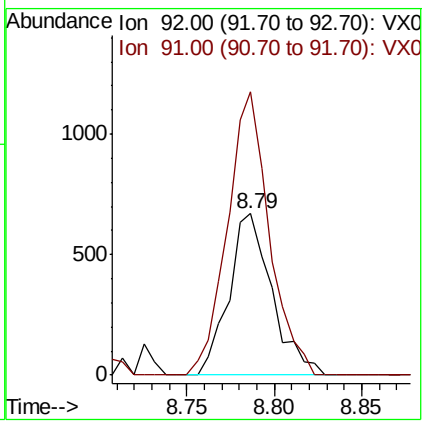


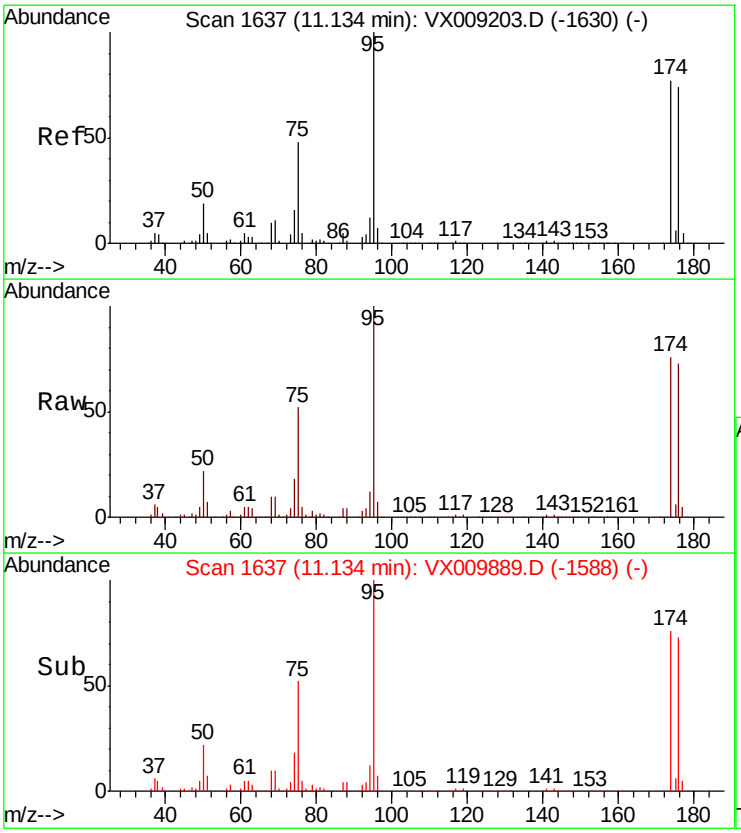
#52
Toluene
Concen: 0.230 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Tgt Ion: 92 Resp: 1151

Ion	Ratio	Lower	Upper
92	100		
91	169.9	138.8	208.2

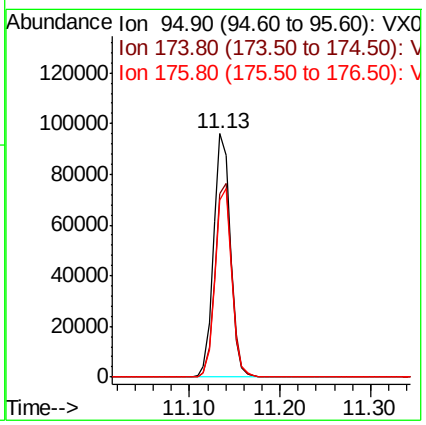


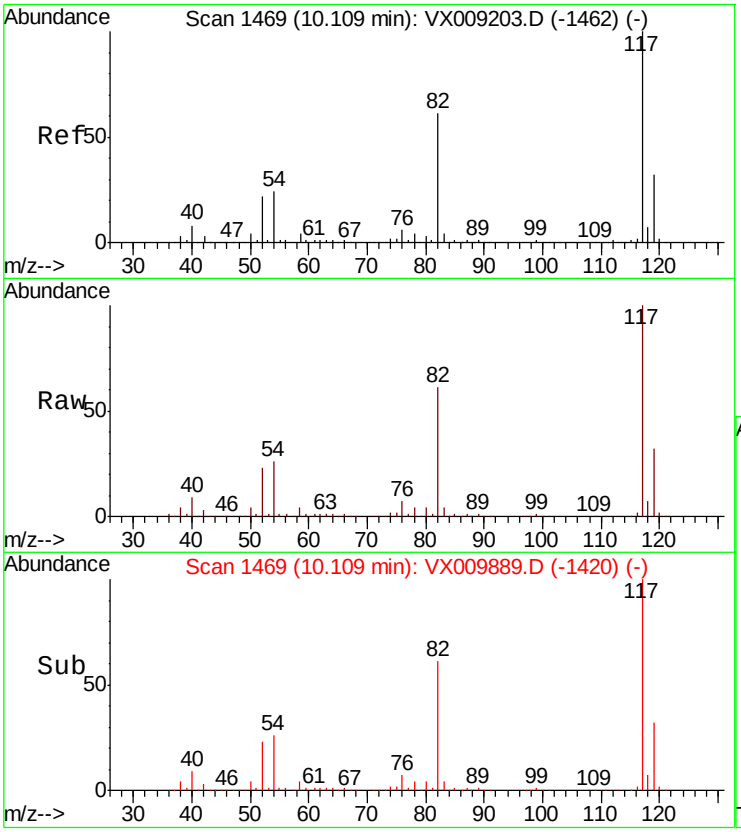


#62
4-Bromofluorobenzene
Concen: 46.831 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion: 95 Resp: 123573

Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	161.6
176	77.1	0.0	159.2



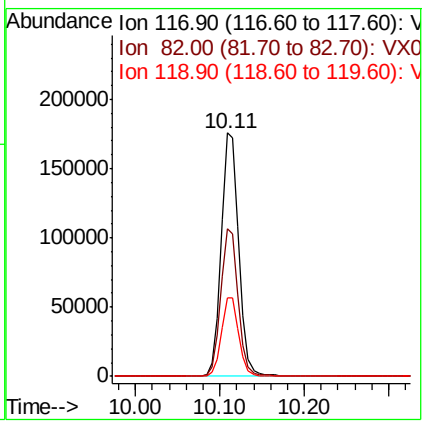


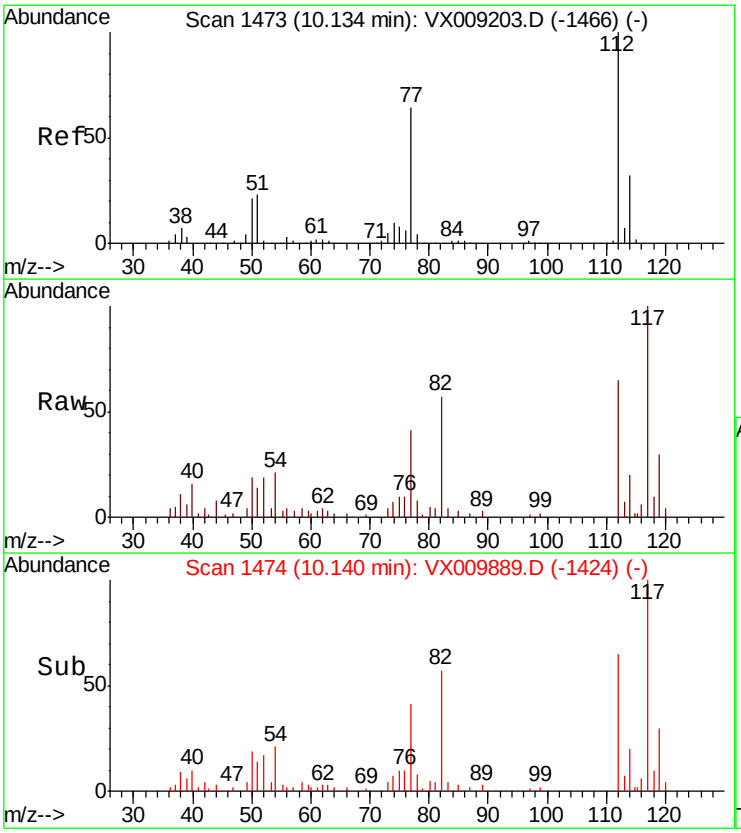
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument : MSVOA_X
ClientSampleId : S32-0657

Tgt Ion:117 Resp: 252853

Ion	Ratio	Lower	Upper
117	100		
82	60.9	48.8	73.2
119	32.4	25.8	38.6

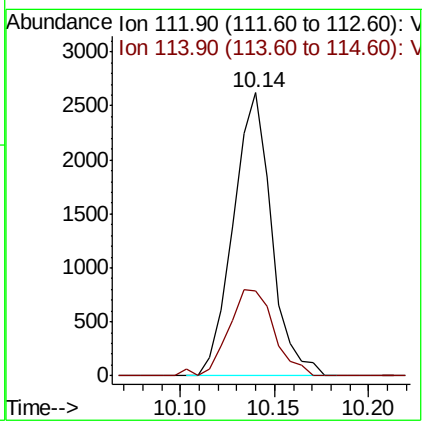


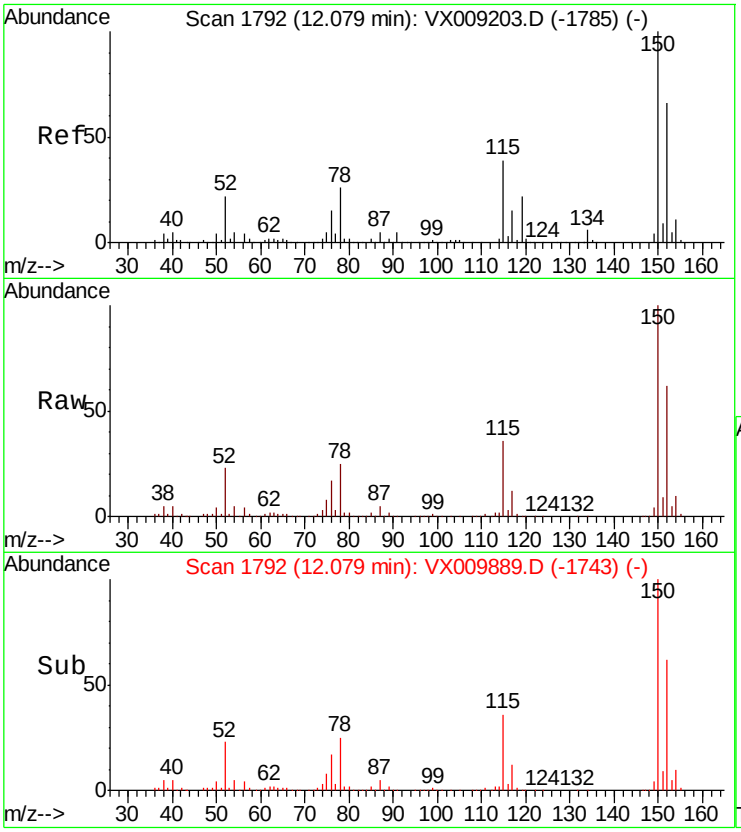


#65
Chlorobenzene
Concen: 0.728 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion:112 Resp: 3683

Ion	Ratio	Lower	Upper
112	100		
114	30.1	25.5	38.3



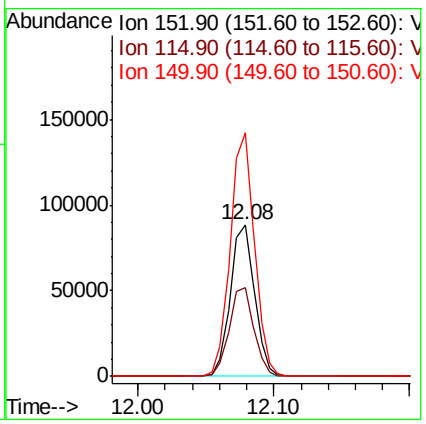


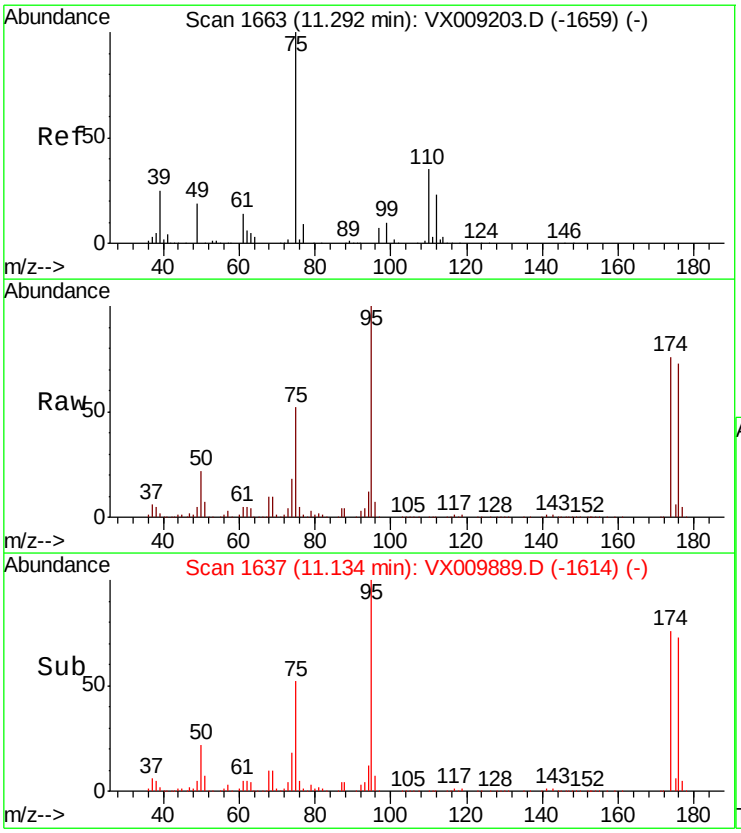
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Tgt Ion:152 Resp: 110127

Ion	Ratio	Lower	Upper
152	100		
115	59.4	41.2	123.6
150	159.6	0.0	346.4

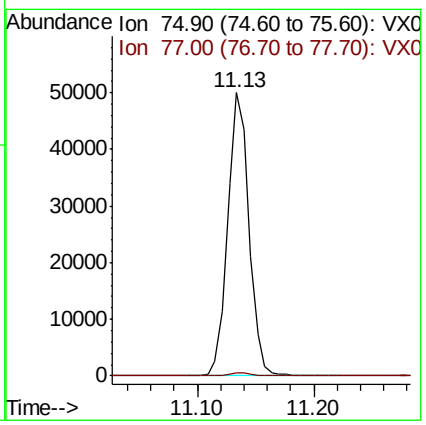


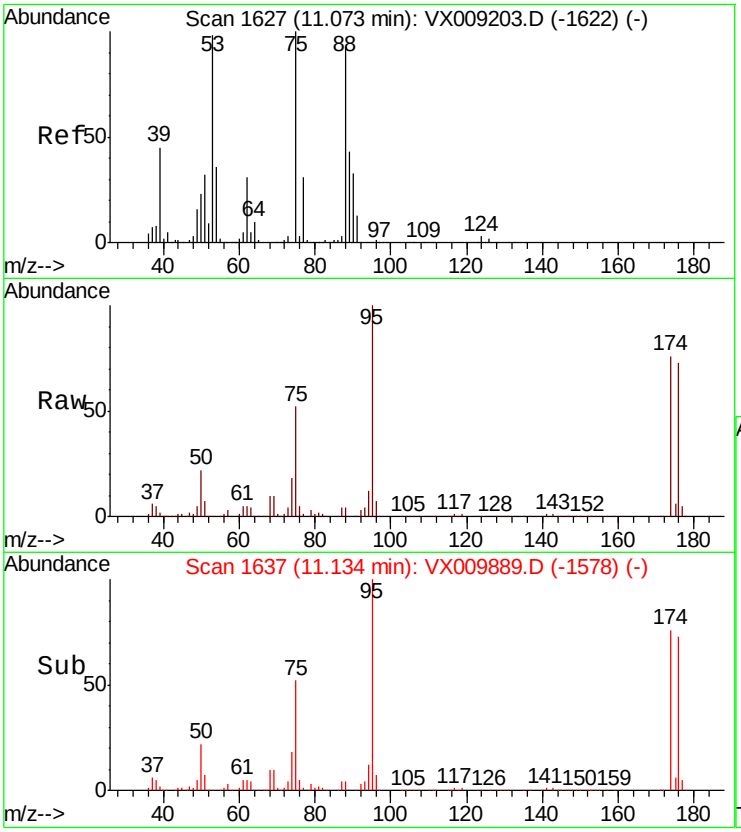


#76
1,2,3-Trichloropropane
Concen: 24.936 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Tgt Ion: 75 Resp: 63699

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.1	66.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.801 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009889.D
Acq: 24 May 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
S32-0657

Tgt Ion: 75 Resp: 63699

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