Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051619\
Data File : VX009609.D
Acq On : 16 May 2019 15:57
Operator : JC/SP
Sample : K2886-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OUTFALL001-WK-3

Quant Time: May 17 06:38:44 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	176035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114586	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.36%			
35) Dibromofluoromethane	5.50	113	84508	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.66%			
50) Toluene-d8	8.71	98	346447	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.18%			
62) 4-Bromofluorobenzene	11.13	95	107445	42.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.64%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	468	0.211	ug/l #	85
5) Bromomethane	1.65	94	392	0.302	ug/l #	50
10) Methyl Iodide	2.51	142	236	4.706	ug/l #	55
11) Tert butyl alcohol	3.02	59	409	0.735	ug/l #	73
13) Acrolein	2.29	56	189	0.375	ug/l #	81
15) Acrylonitrile	3.16	53	423	0.311	ug/l #	76
16) Acetone	2.45	43	3926	3.043	ug/l	89
17) Carbon Disulfide	2.57	76	984	0.212	ug/l #	89
18) Methyl Acetate	2.78	43	1791	0.584	ug/l #	88
20) Methylene Chloride	2.85	84	733	0.351	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	555	0.310	ug/l #	72
25) 2-Butanone	4.70	43	541	0.270	ug/l #	53
27) cis-1,2-Dichloroethene	4.59	96	28191	13.185	ug/l	90
28) Bromochloromethane	5.00	49	25	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	6807	5.275	ug/l	97
36) 1,1-Dichloropropene	5.66	75	13707	5.358	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16824	7.238	ug/l #	16
44) Trichloroethene	7.22	130	739	0.386	ug/l	69
51) 4-Methyl-2-Pentanone	8.71	43	1684	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	55080	25.486	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	55080	65.210	ug/l #	10

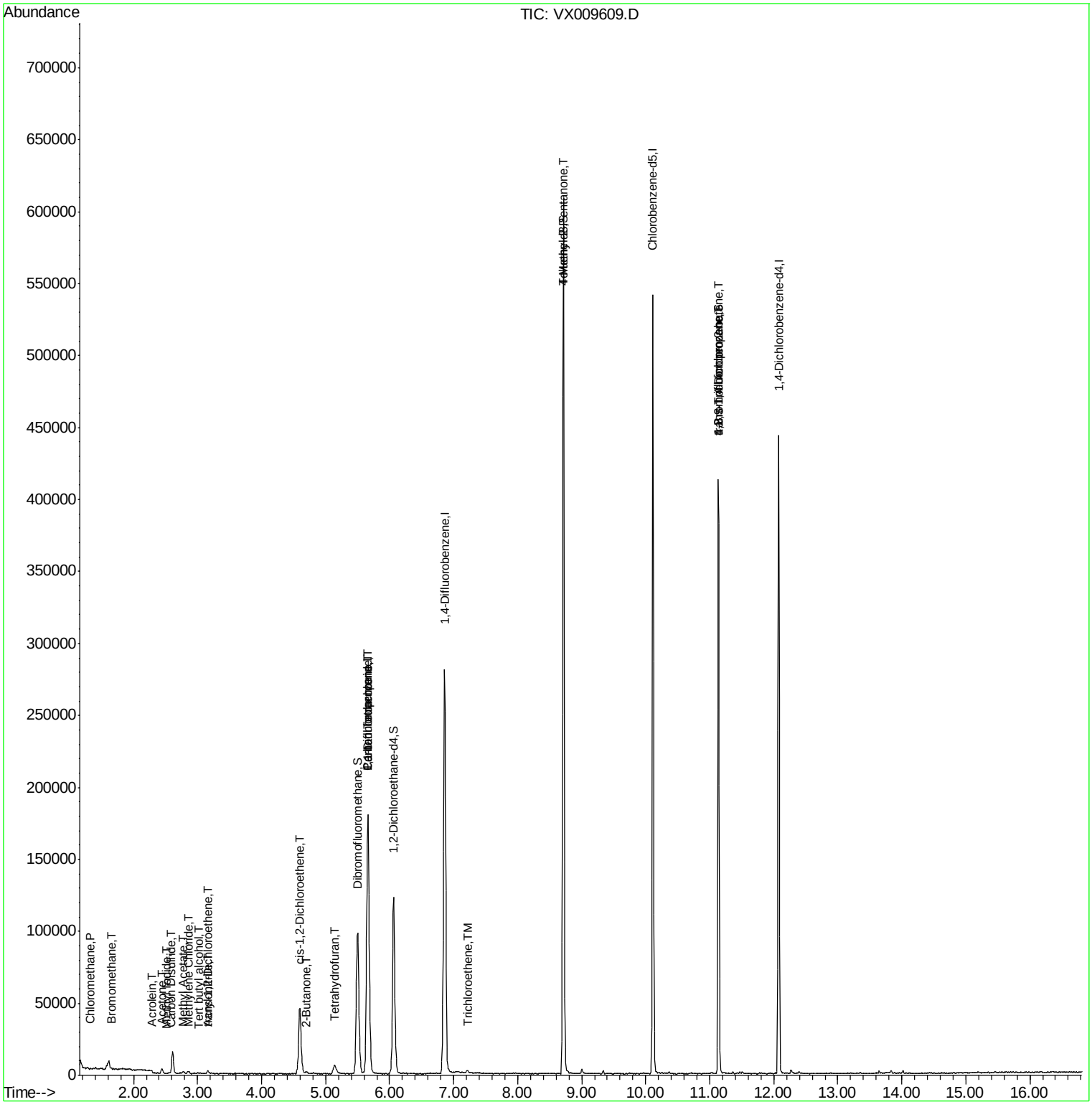
(#) = qualifier out of range (m) = manual integration (+) = signals summed

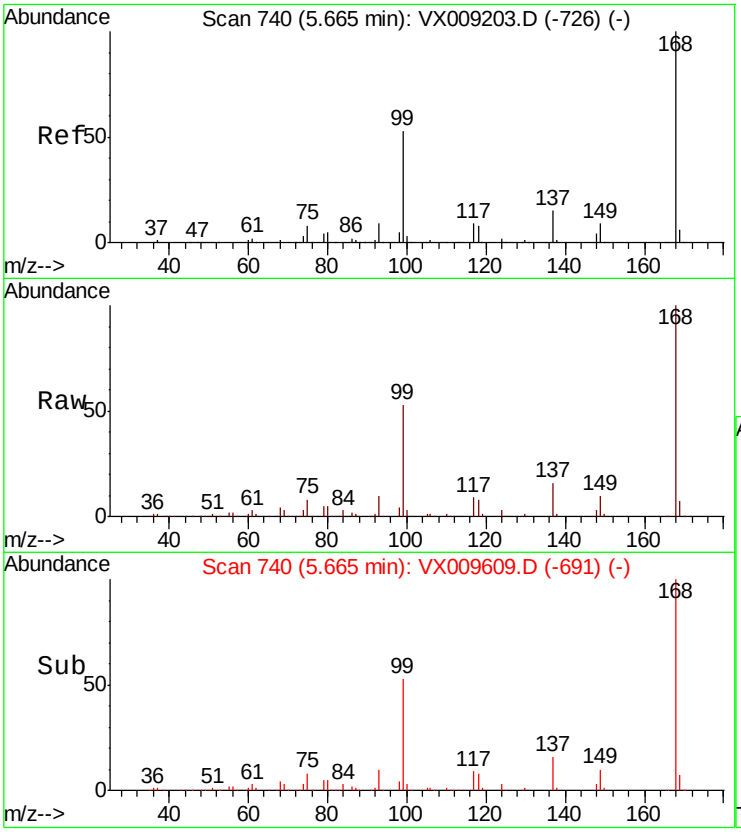
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051619\
Data File : VX009609.D
Acq On : 16 May 2019 15:57
Operator : JC/SP
Sample : K2886-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Quant Time: May 17 06:38:44 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



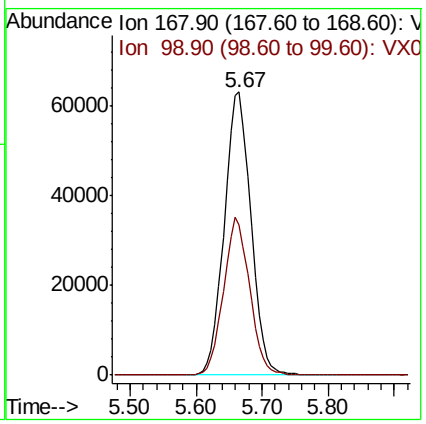


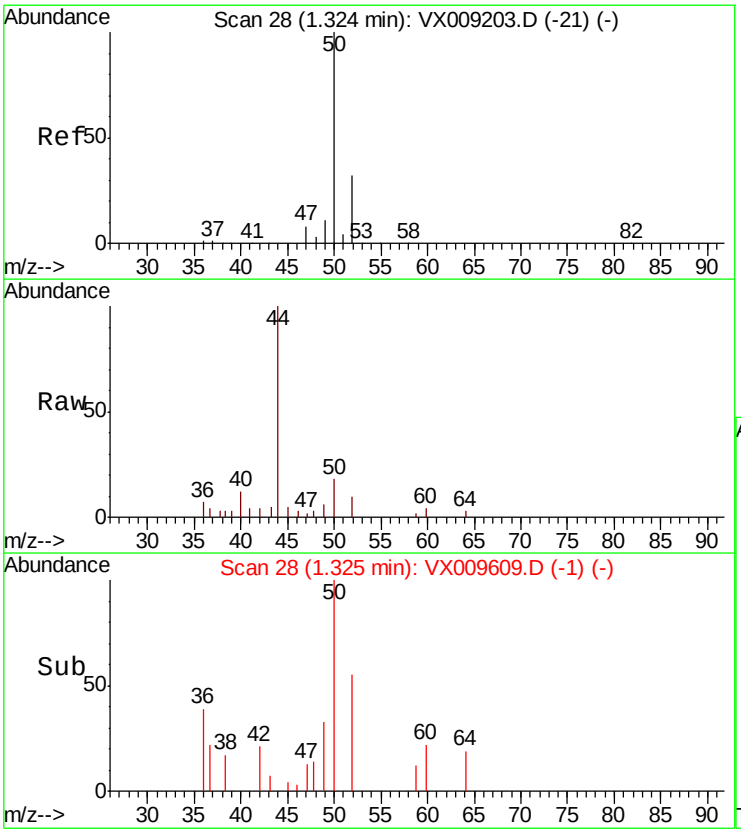
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion:168 Resp: 176035

Ion	Ratio	Lower	Upper
168	100		
99	53.1	42.3	63.5

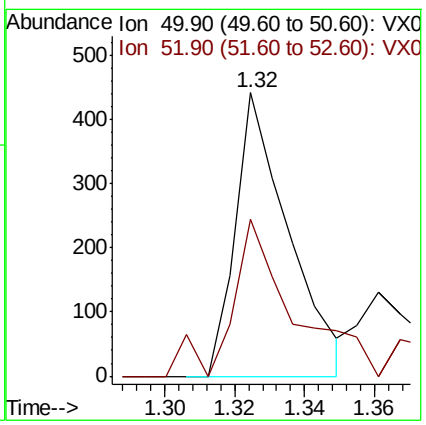


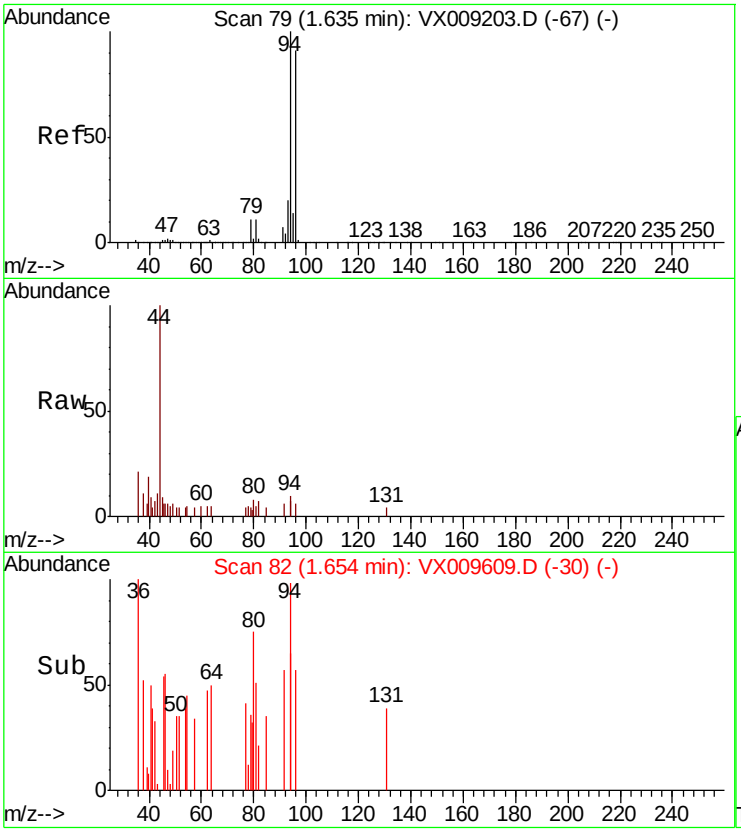


#3
Chloromethane
Concen: 0.211 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion: 50 Resp: 468

Ion	Ratio	Lower	Upper
50	100		
52	40.7	25.9	38.9#



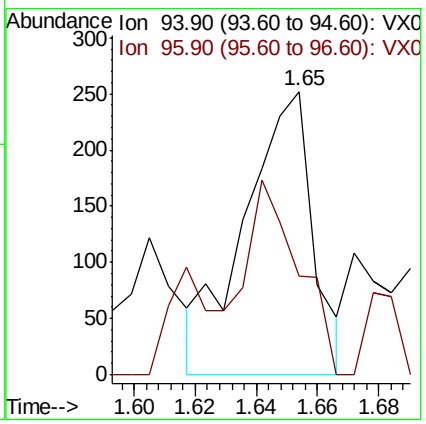


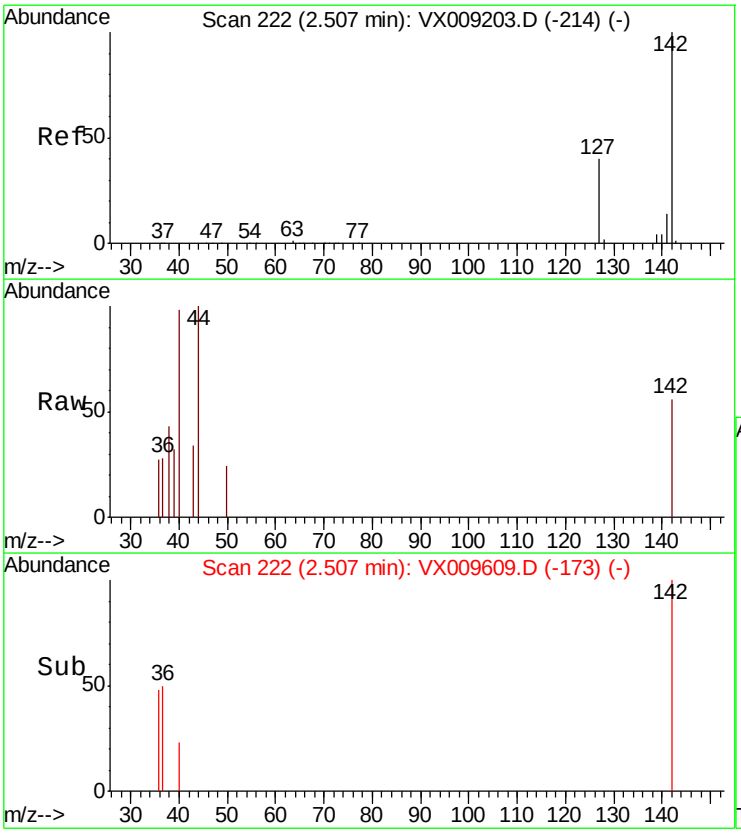
#5
Bromomethane
Concen: 0.302 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion: 94 Resp: 392

Ion	Ratio	Lower	Upper
94	100		
96	43.8	73.0	109.6#

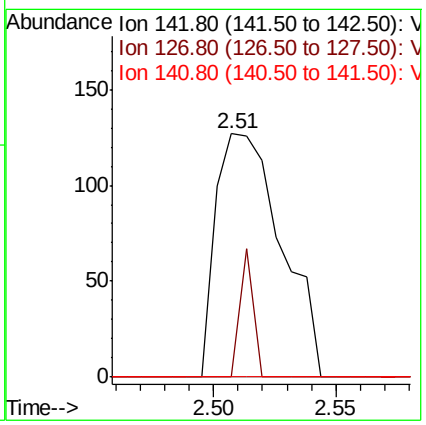


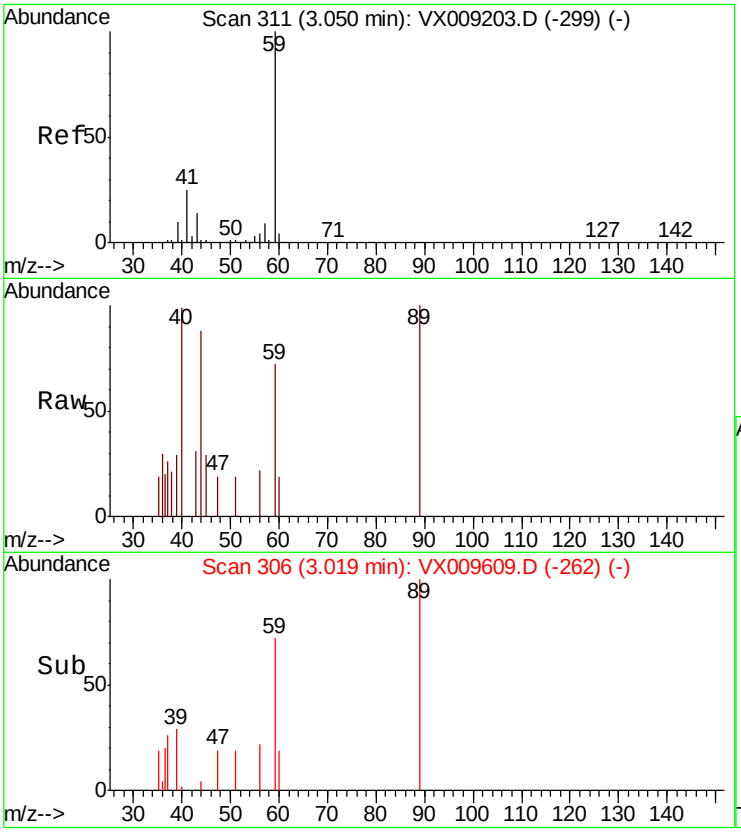


#10
Methyl Iodide
Concen: 4.706 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion:142 Resp: 236

Ion	Ratio	Lower	Upper
142	100		
127	10.6	32.7	49.1#
141	0.0	11.5	17.3#



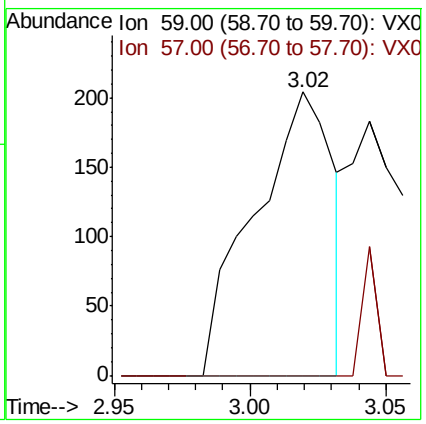


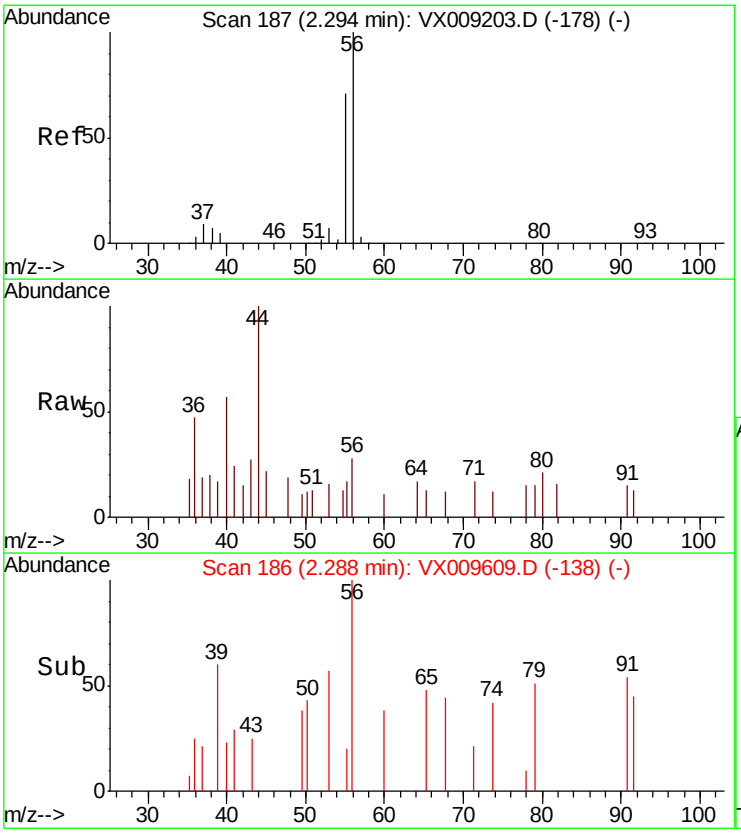
#11
Tert butyl alcohol
Concen: 0.735 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion: 59 Resp: 409

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

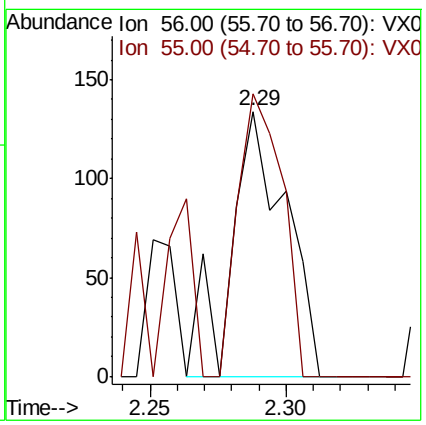


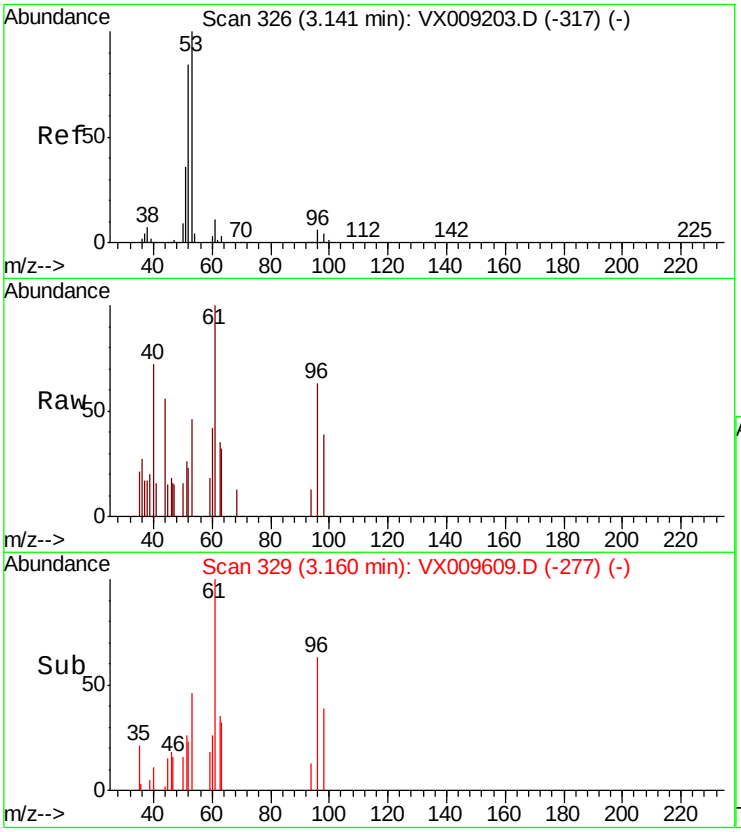


#13
Acrolein
Concen: 0.375 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion: 56 Resp: 189

Ion	Ratio	Lower	Upper
56	100		
55	86.2	56.6	85.0#



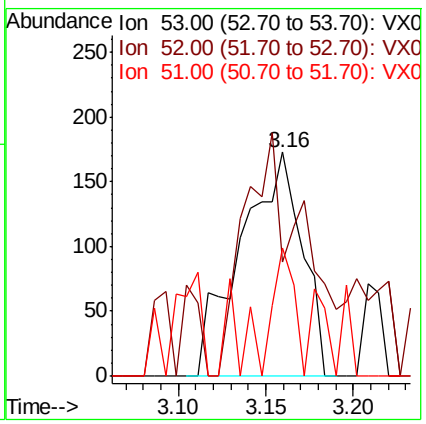


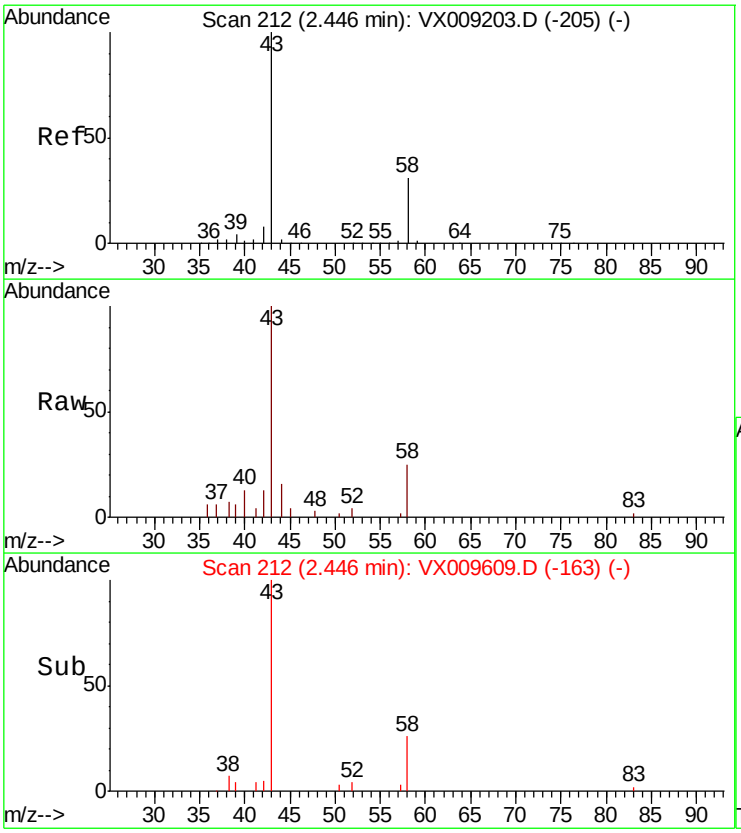
#15
Acrylonitrile
Concen: 0.311 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.02 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion: 53 Resp: 423

Ion	Ratio	Lower	Upper
53	100		
52	103.5	66.9	100.3#
51	19.4	28.2	42.2#

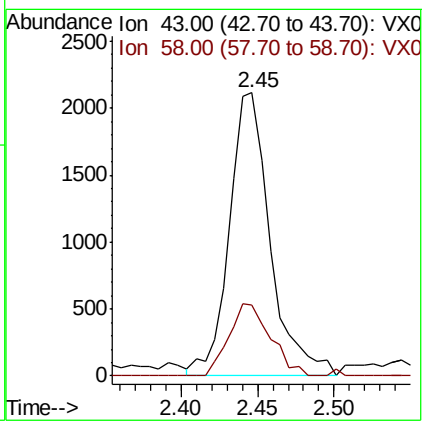


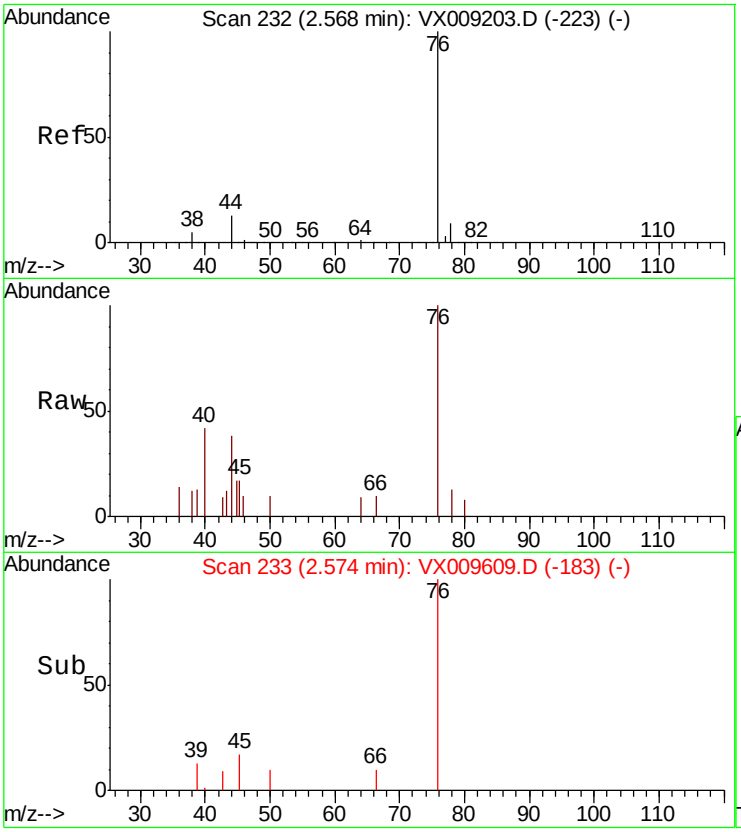


#16
Acetone
Concen: 3.043 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion: 43 Resp: 3926

Ion	Ratio	Lower	Upper
43	100		
58	25.2	24.9	37.3



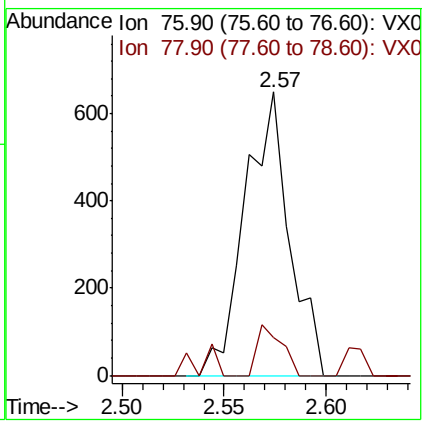


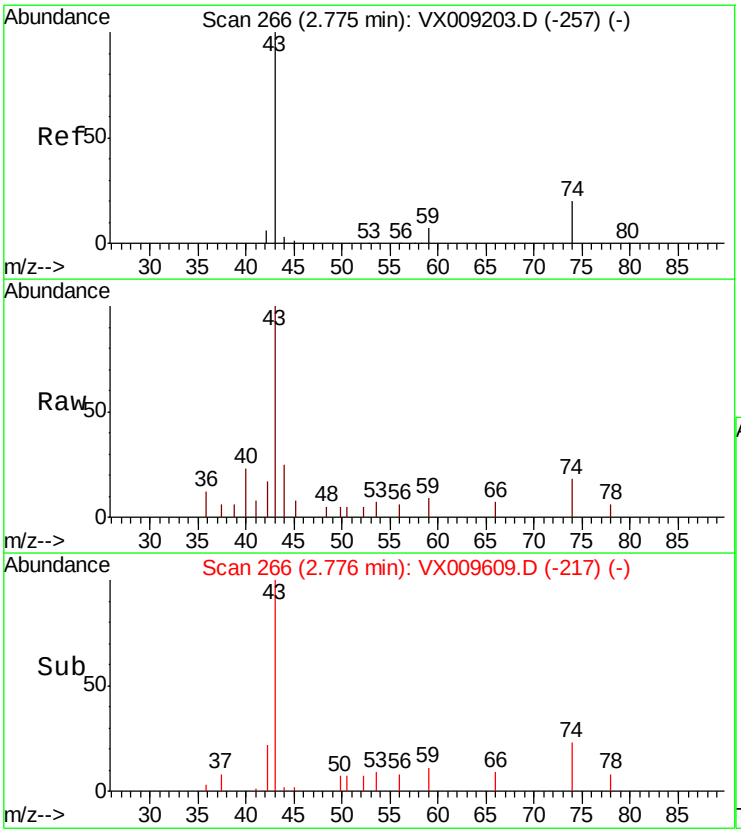
#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion: 76 Resp: 984

Ion	Ratio	Lower	Upper
76	100		
78	13.3	7.4	11.0#

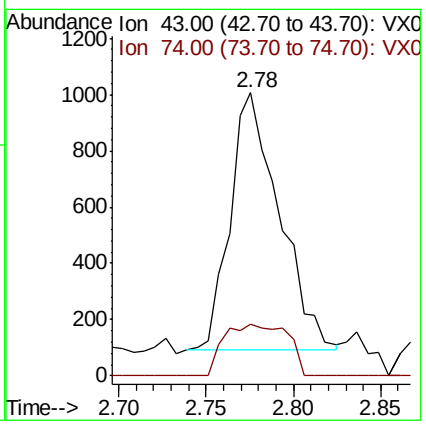


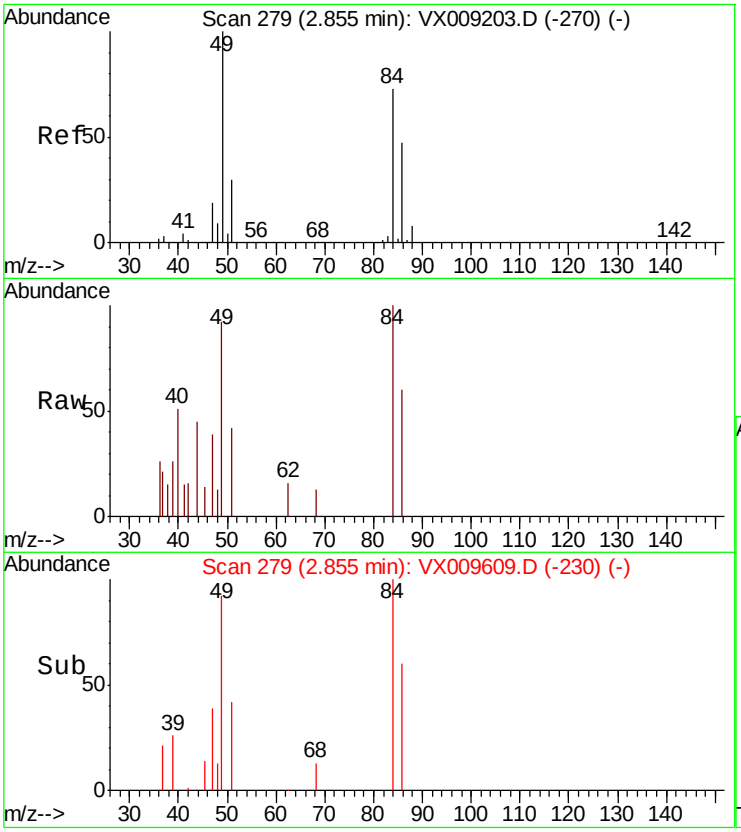


#18
Methyl Acetate
Concen: 0.584 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion: 43 Resp: 1791

Ion	Ratio	Lower	Upper
43	100		
74	25.8	16.2	24.4#



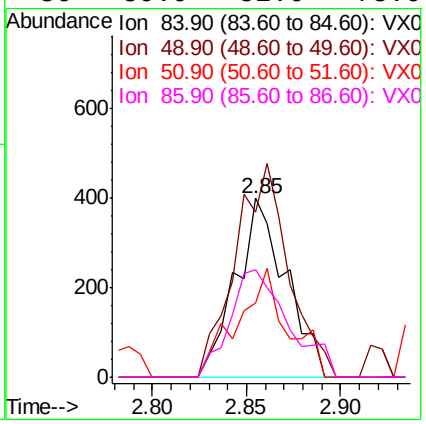


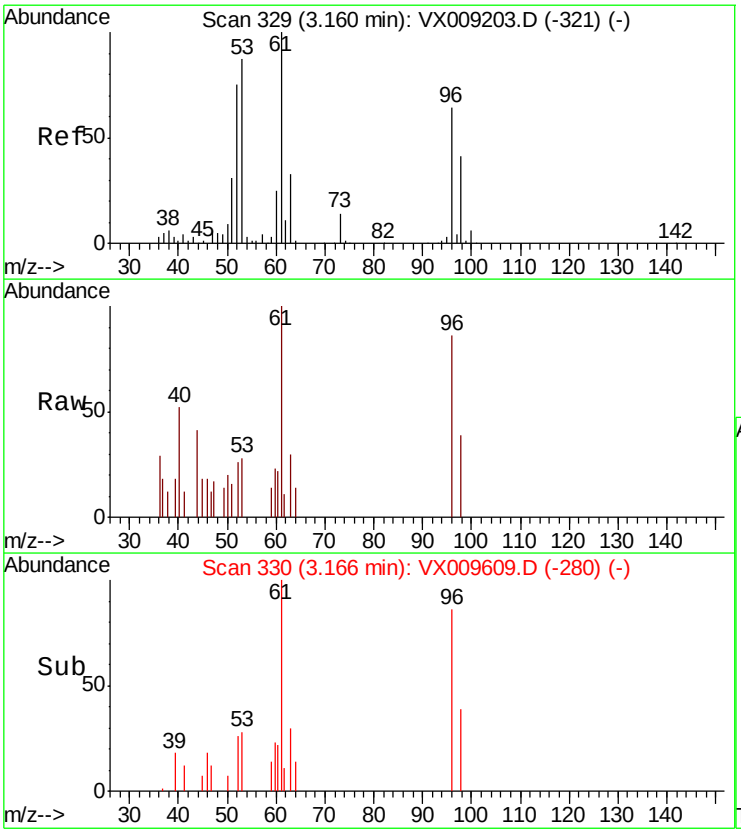
#20
Methylene Chloride
Concen: 0.351 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion: 84 Resp: 733

Ion	Ratio	Lower	Upper
84	100		
49	92.5	109.9	164.9#
51	41.9	32.7	49.1
86	59.9	52.0	78.0

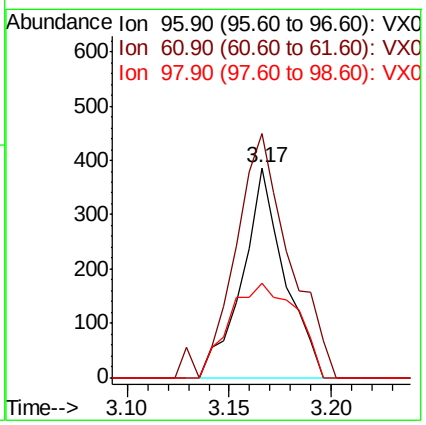


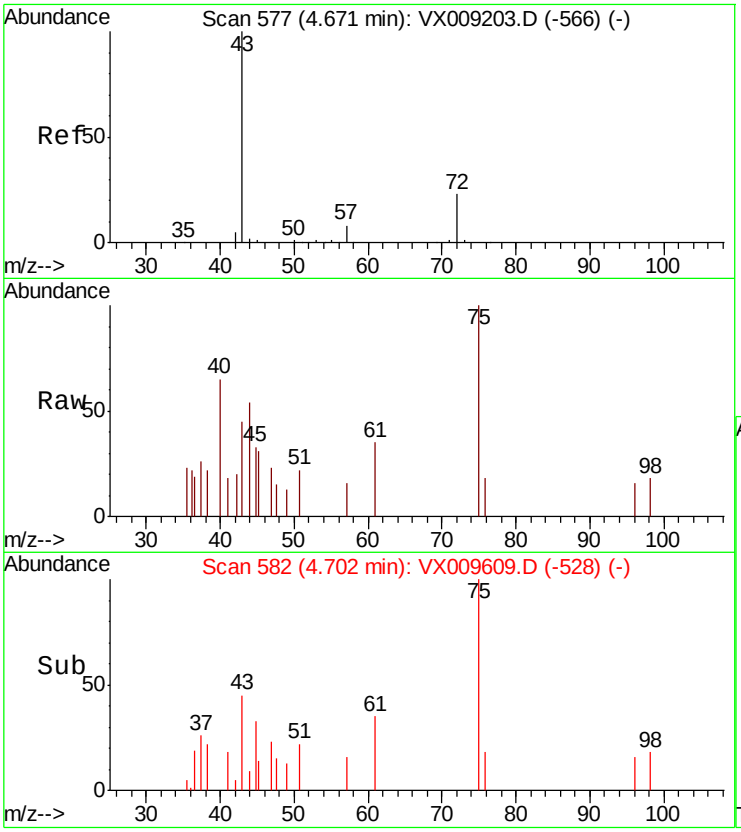


#21
trans-1,2-Dichloroethene
Concen: 0.310 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion: 96 Resp: 555

Ion	Ratio	Lower	Upper
96	100		
61	116.3	124.5	186.7#
98	45.1	50.4	75.6#



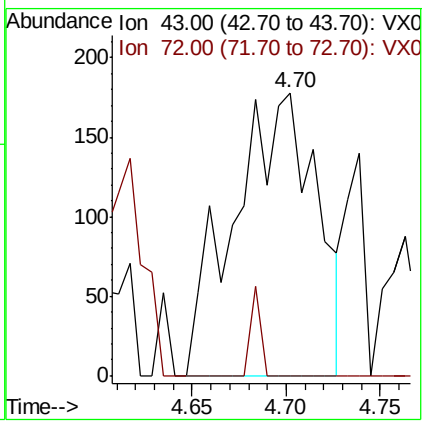


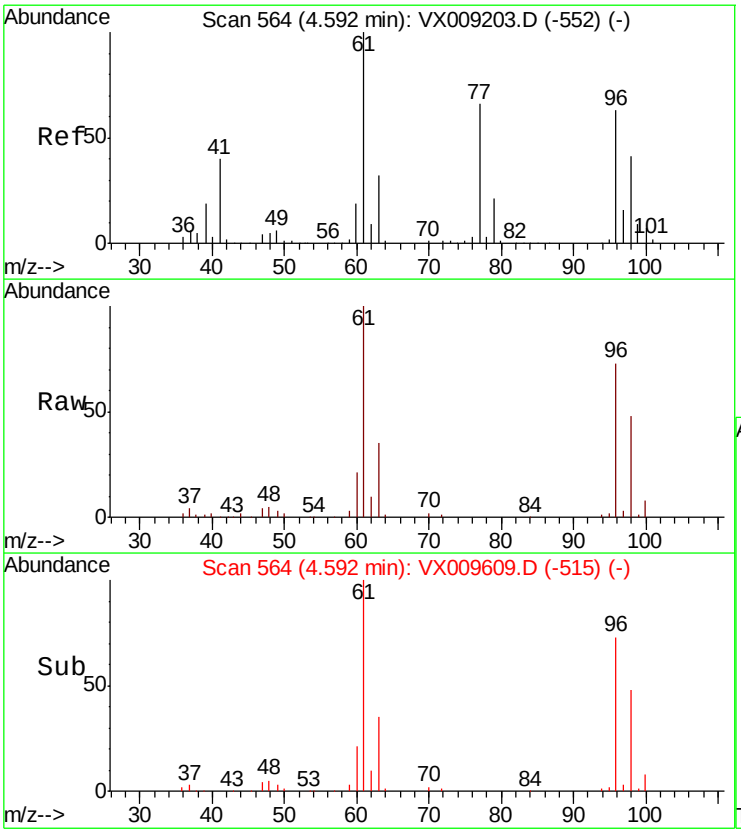
#25
2-Butanone
Concen: 0.270 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.03 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion: 43 Resp: 541

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#

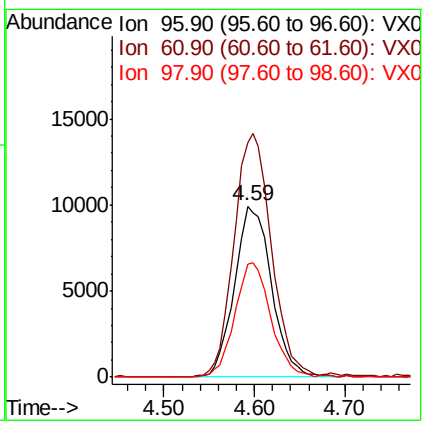


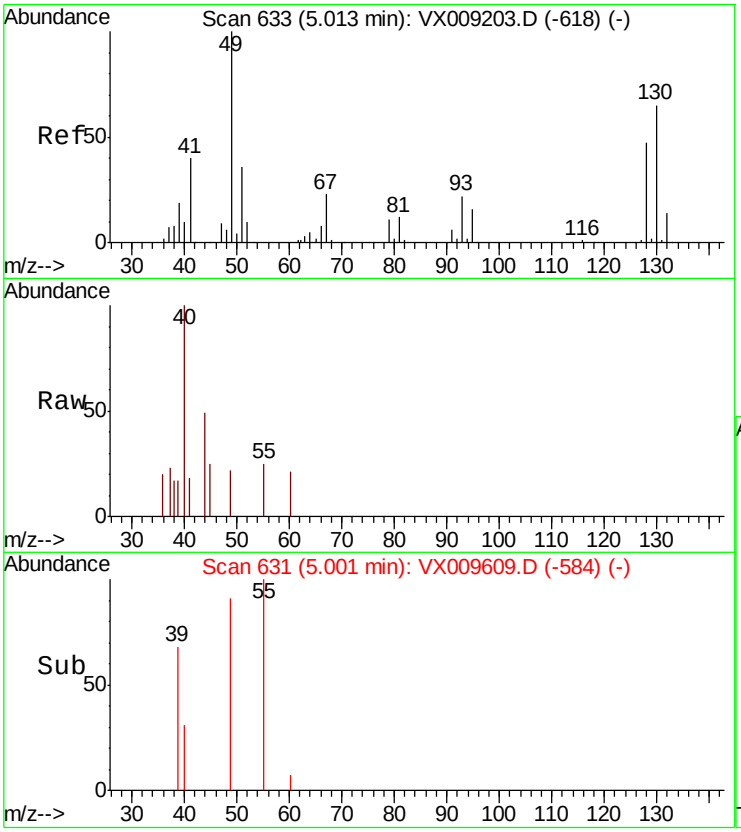


#27
cis-1,2-Dichloroethene
Concen: 13.185 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion: 96 Resp: 28191

Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	324.0
98	65.5	0.0	130.4



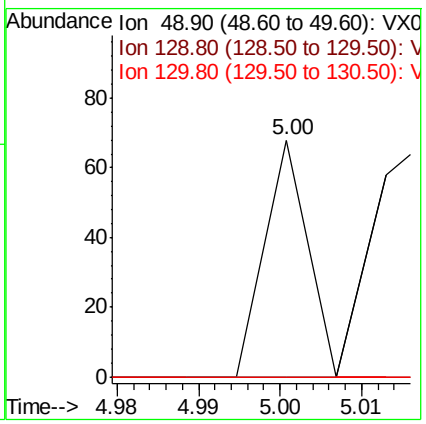


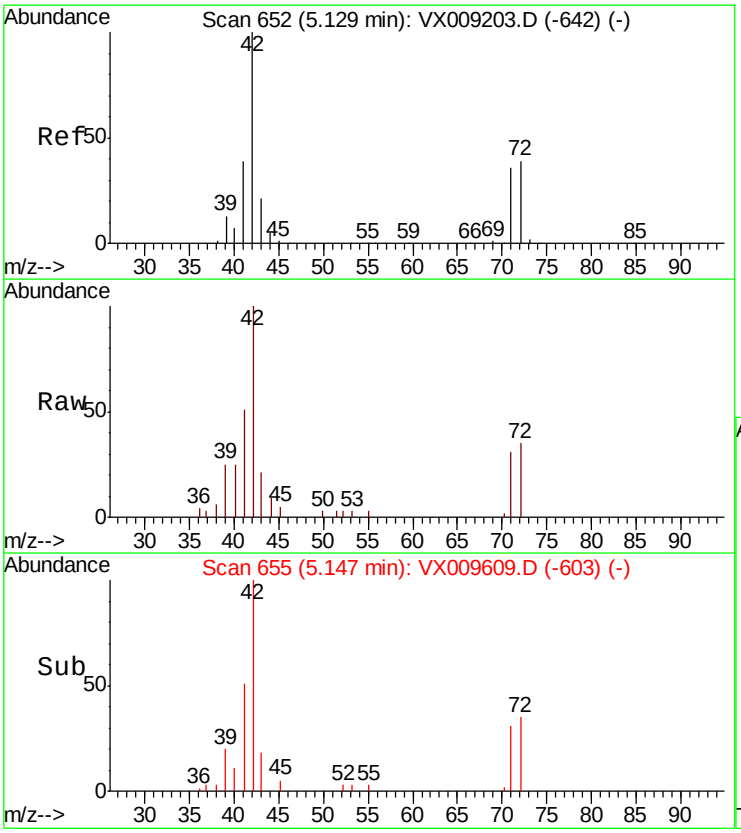
#28
Bromochloromethane
Concen: Below Cal
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion: 49 Resp: 25

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

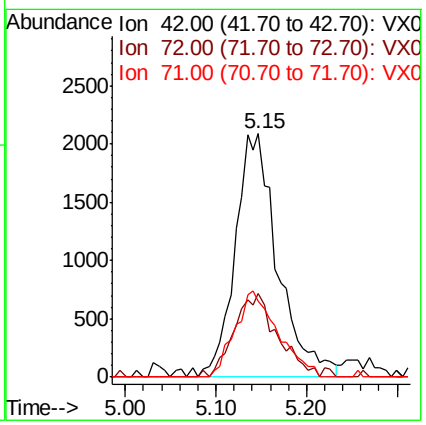


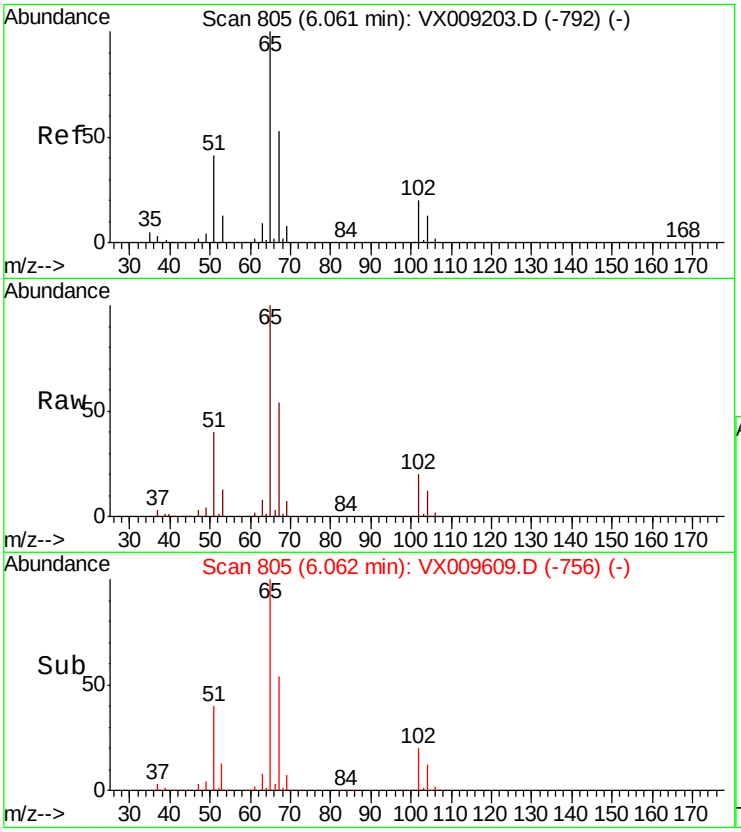


#29
Tetrahydrofuran
Concen: 5.275 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion: 42 Resp: 6807

Ion	Ratio	Lower	Upper
42	100		
72	34.7	30.4	45.6
71	35.7	28.6	43.0



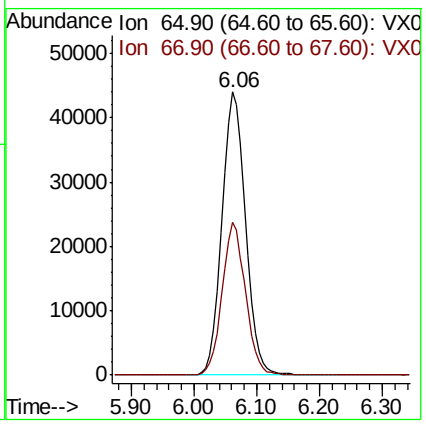


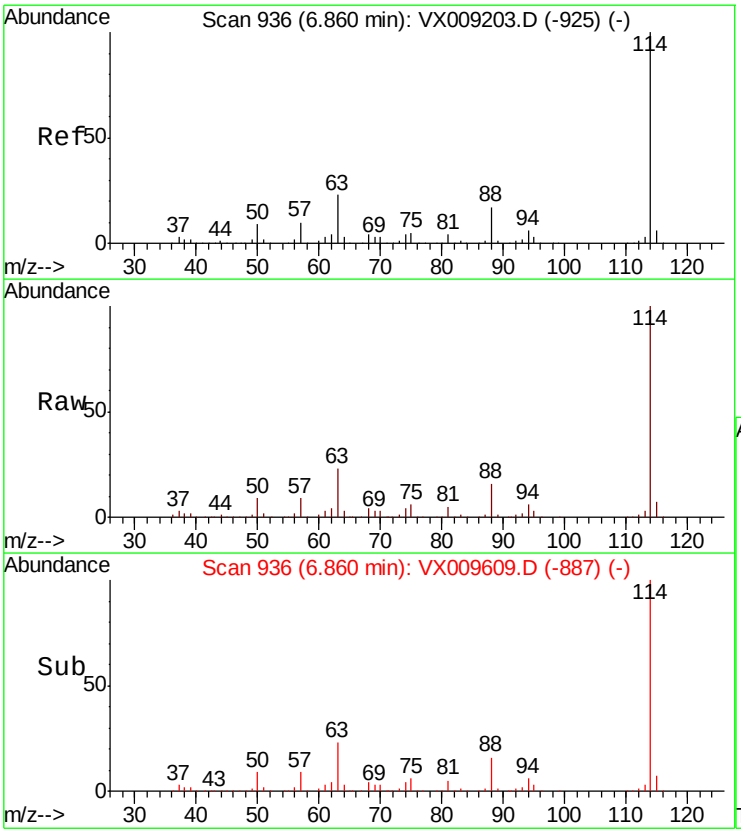
#33
1,2-Dichloroethane-d4
Concen: 47.683 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion: 65 Resp: 114586

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.6

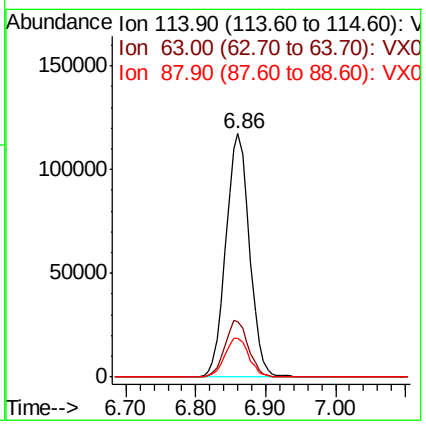


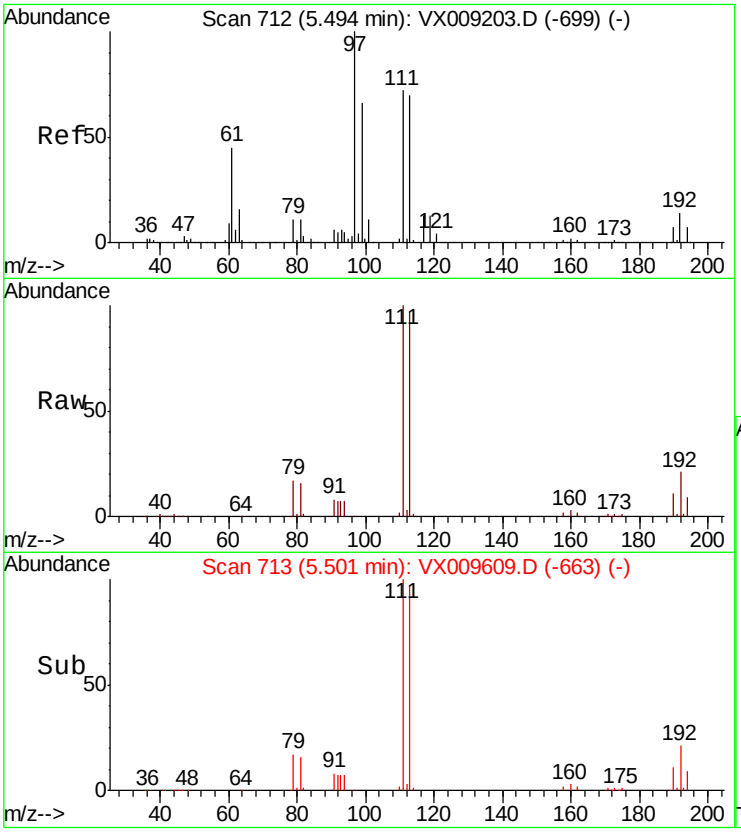


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion:114 Resp: 275295

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.6
88	16.1	0.0	33.2



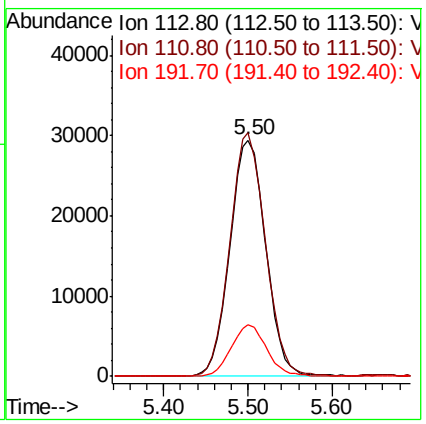


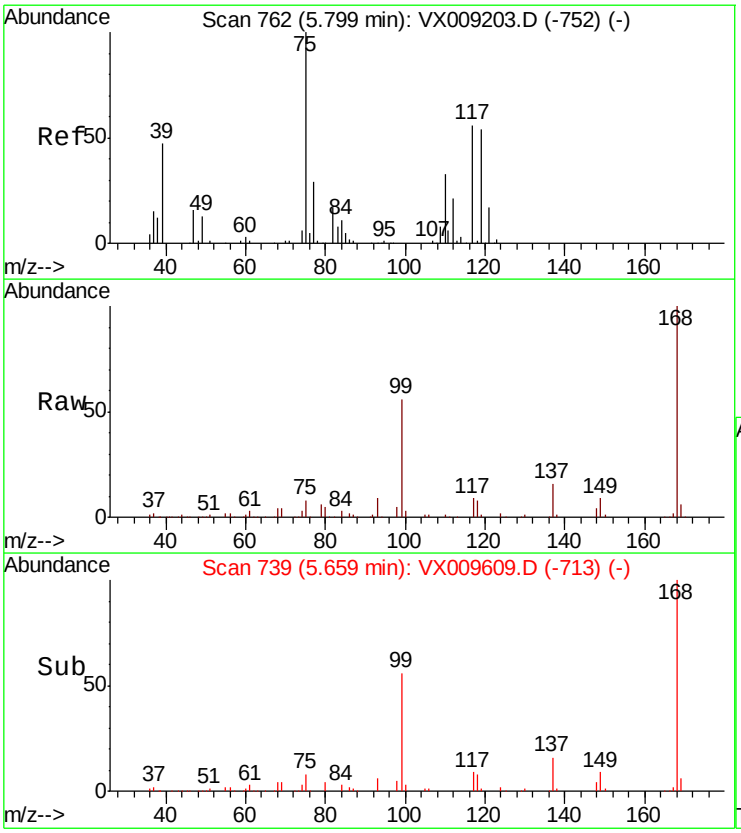
#35
Dibromofluoromethane
Concen: 48.831 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion:113 Resp: 84508

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	21.5	17.0	25.6

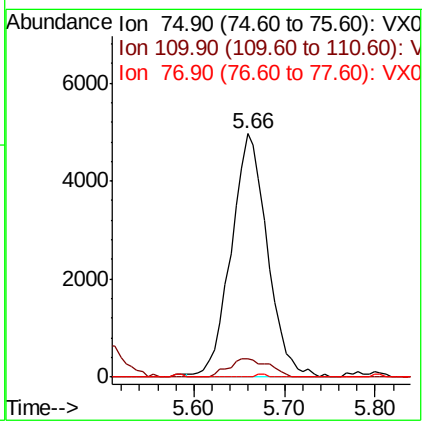


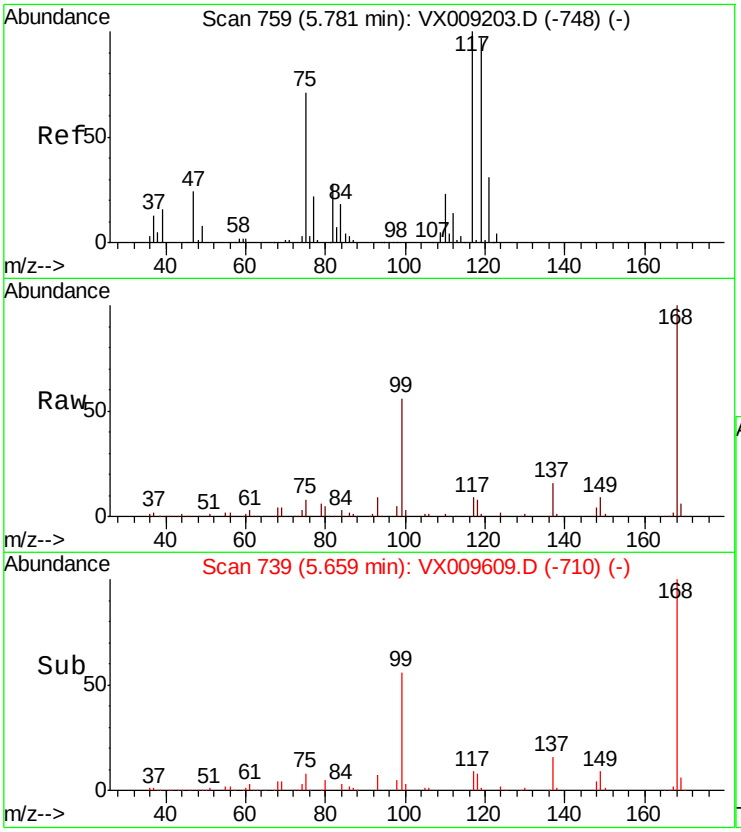


#36
1,1-Dichloropropene
Concen: 5.358 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion: 75 Resp: 13707

Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.9	50.6#
77	0.3	24.8	37.2#



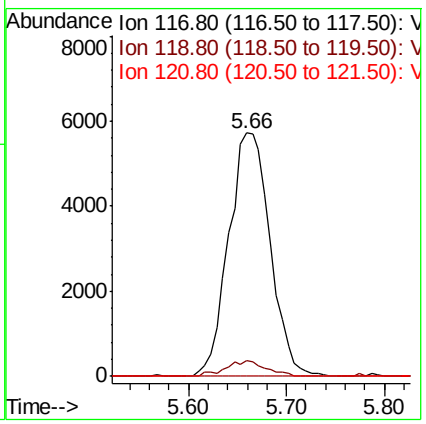


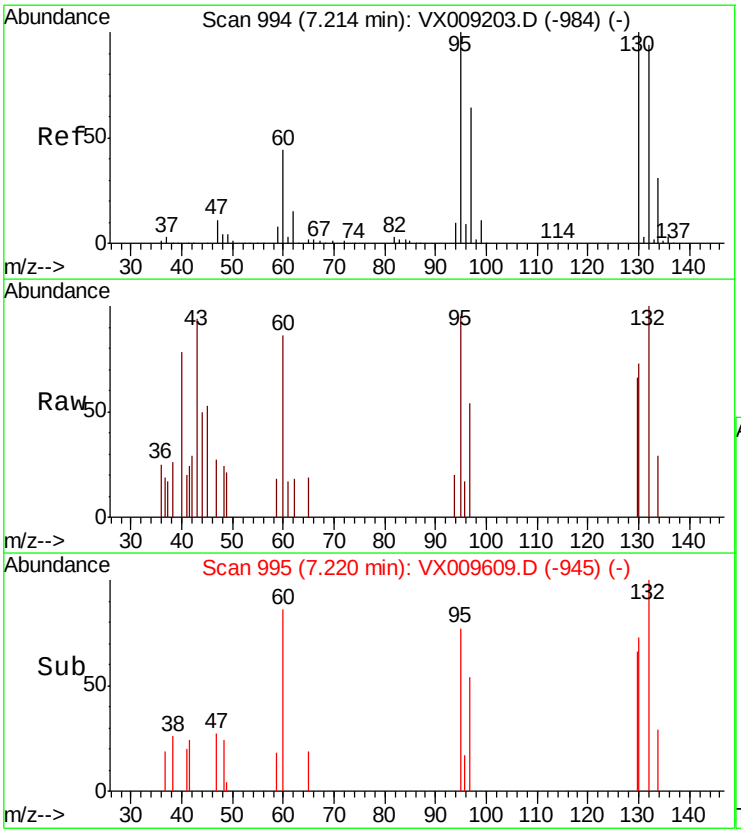
#38
Carbon Tetrachloride
Concen: 7.238 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion:117 Resp: 16824

Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.5	116.3#
121	0.0	24.7	37.1#

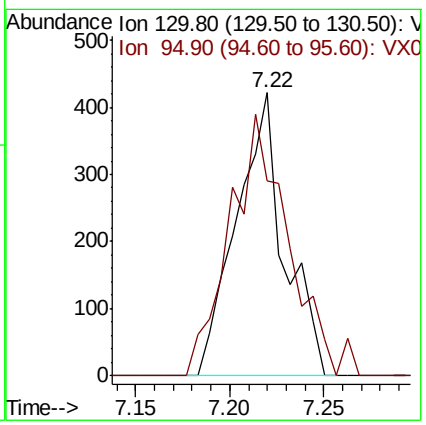


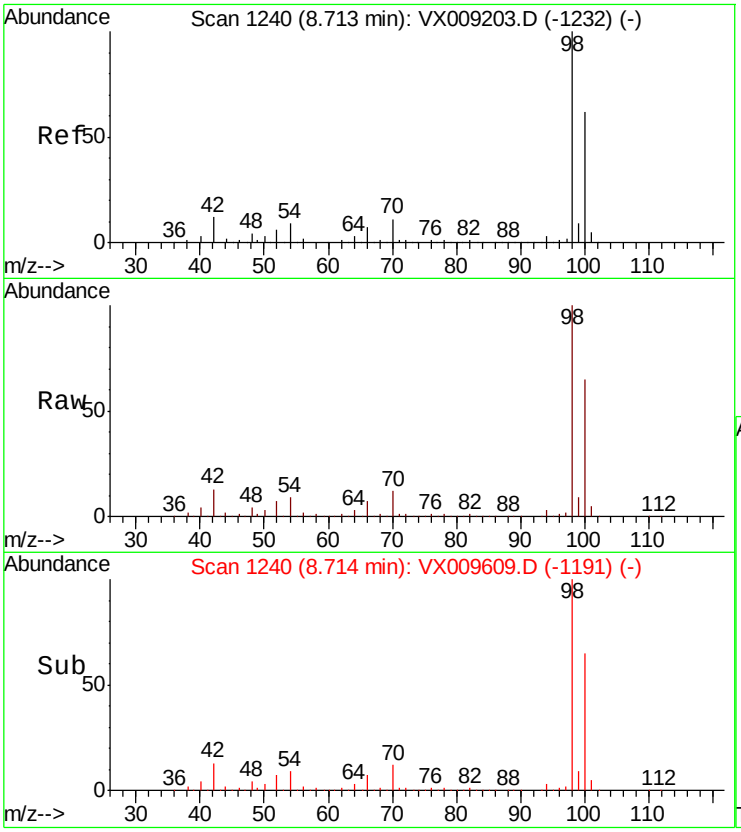


#44
Trichloroethene
Concen: 0.386 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion:130 Resp: 739

Ion	Ratio	Lower	Upper
130	100		
95	68.7	0.0	199.2



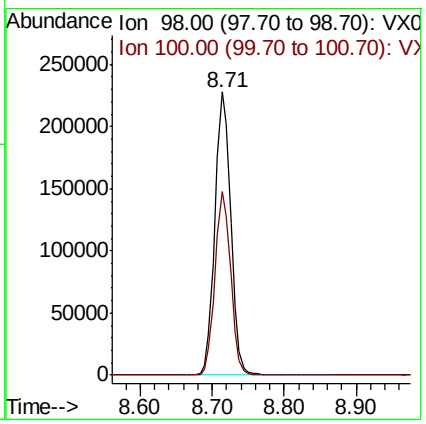


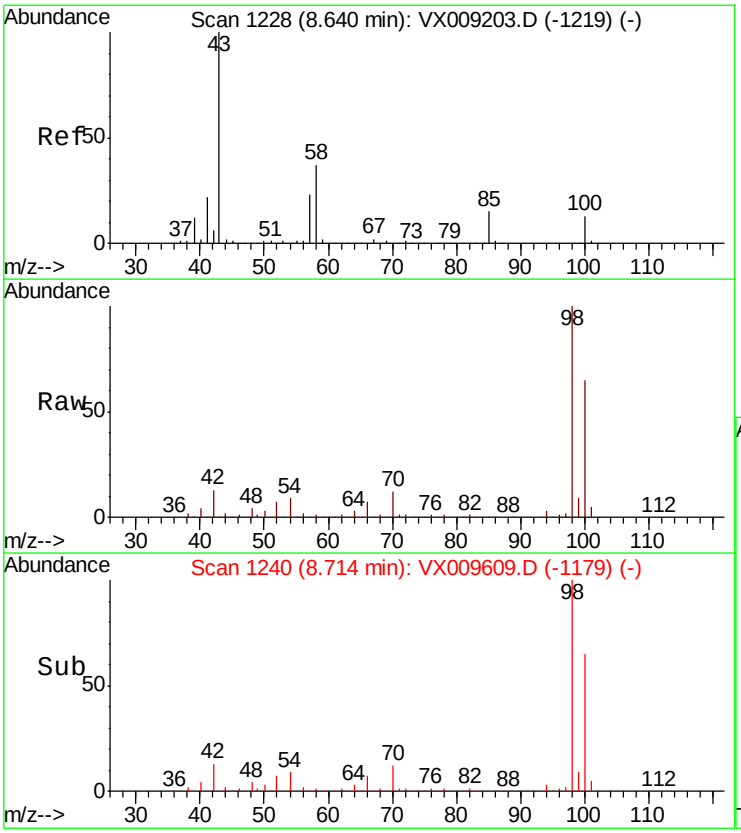
#50
Toluene-d8
Concen: 49.585 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion: 98 Resp: 346447

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8

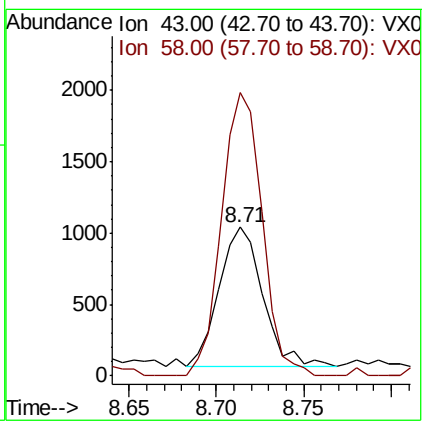


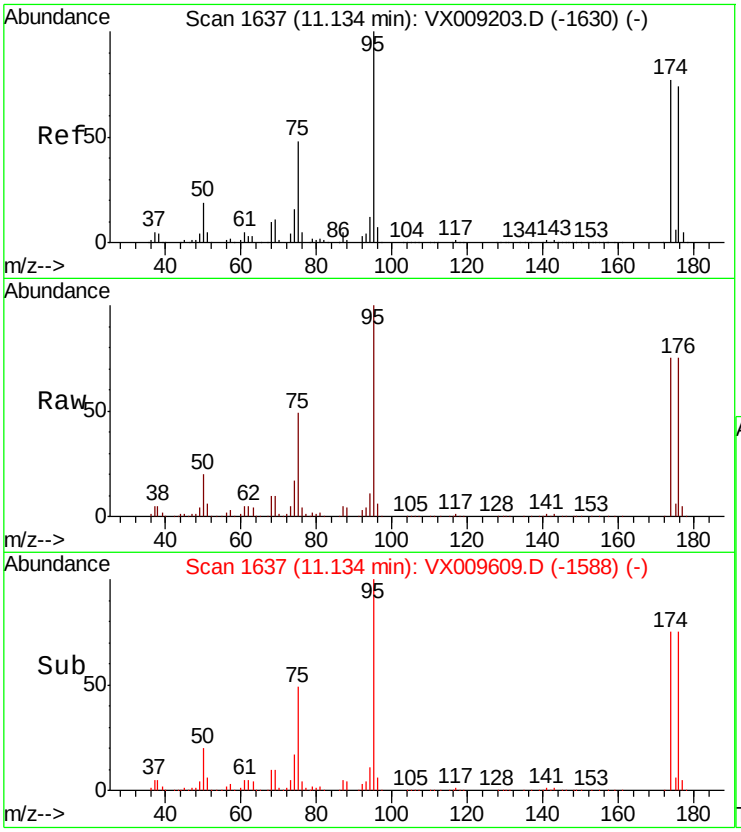


#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.07 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion: 43 Resp: 1684

Ion	Ratio	Lower	Upper
43	100		
58	189.6	29.5	44.3#



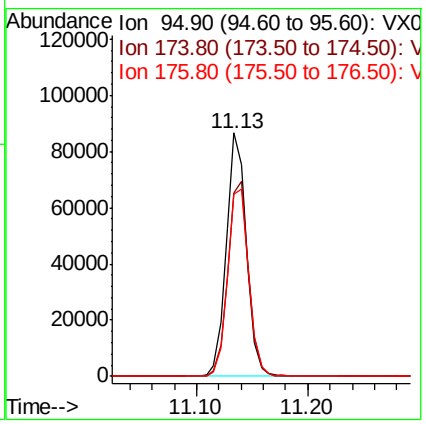


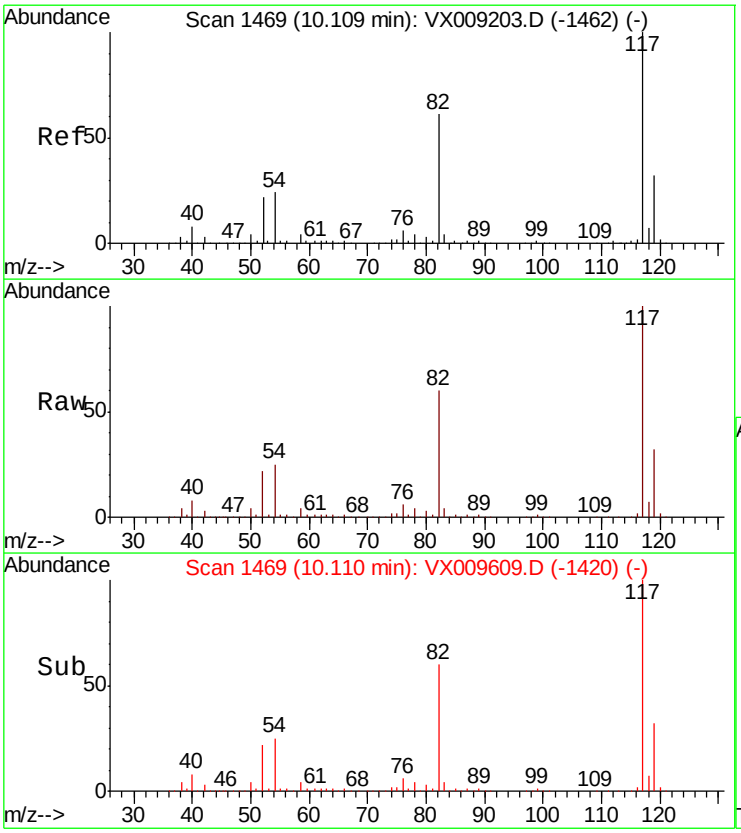
#62
4-Bromofluorobenzene
Concen: 42.321 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion: 95 Resp: 107445

Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	161.6
176	80.9	0.0	159.2

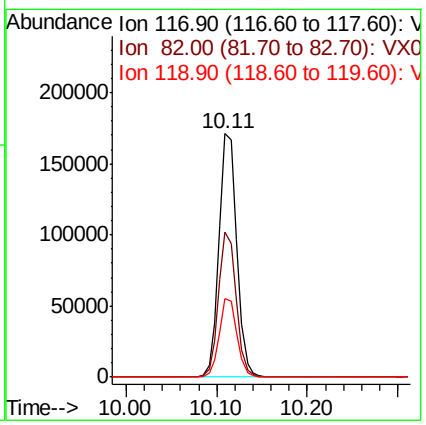


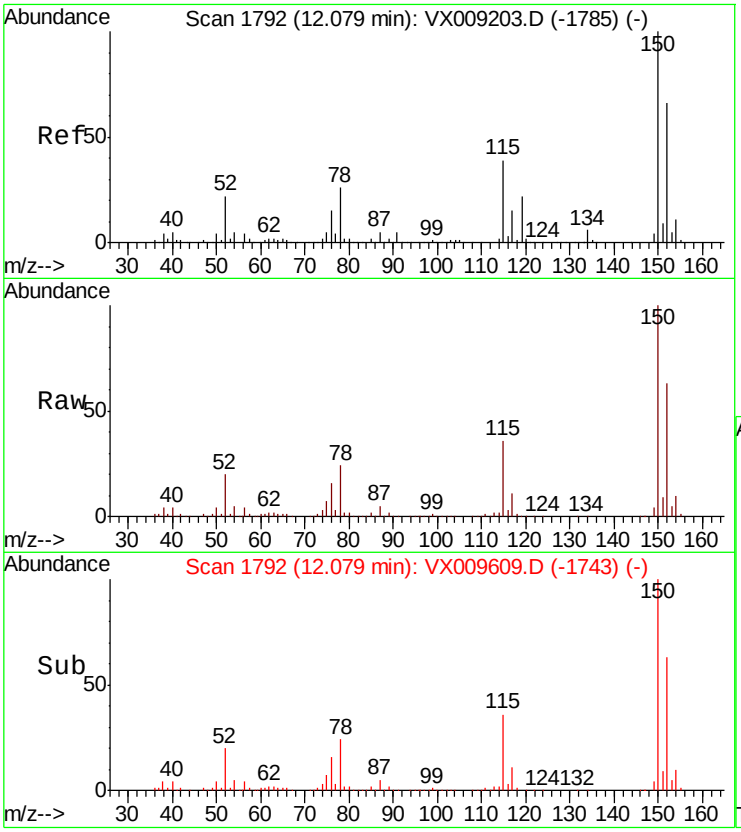


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion:117 Resp: 235269

Ion	Ratio	Lower	Upper
117	100		
82	59.5	48.8	73.2
119	32.2	25.8	38.6



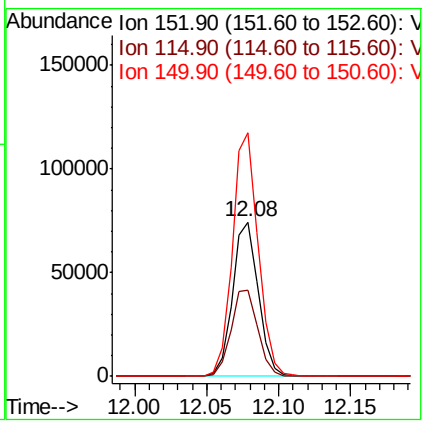


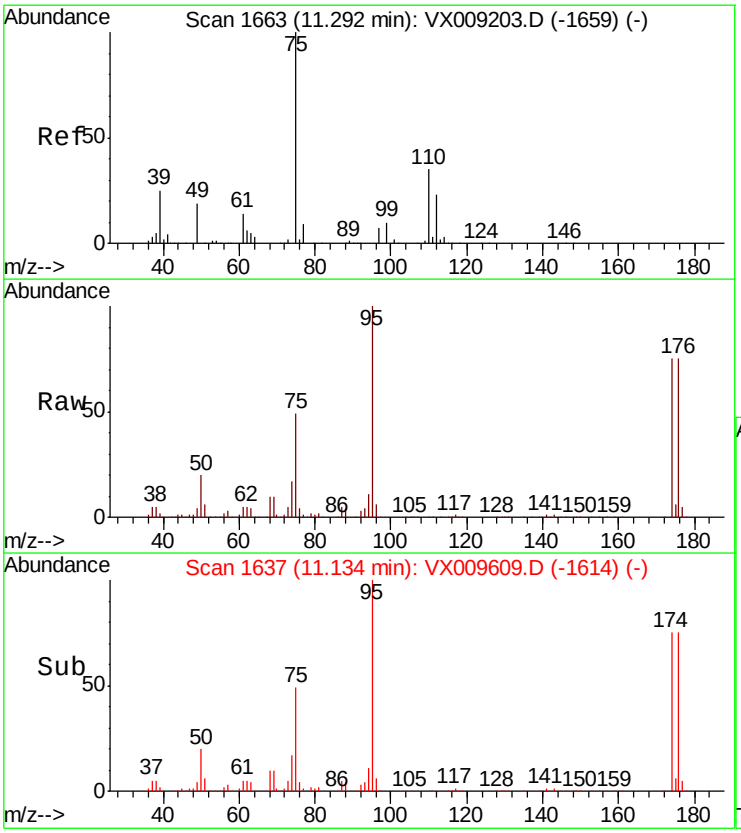
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion:152 Resp: 93169

Ion	Ratio	Lower	Upper
152	100		
115	58.5	41.2	123.6
150	157.5	0.0	346.4

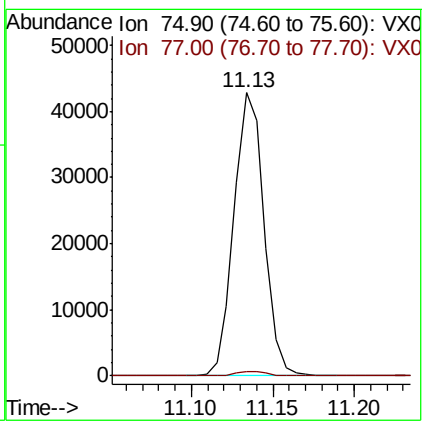


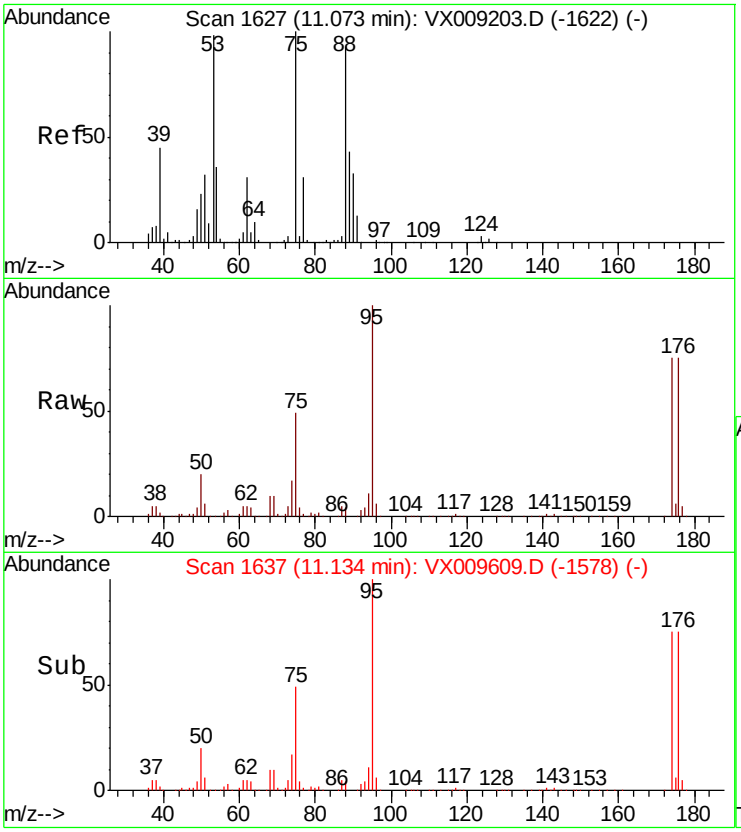


#76
1,2,3-Trichloropropane
Concen: 25.486 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion: 75 Resp: 55080

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.1	66.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.210 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tgt Ion: 75 Resp: 55080

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