Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070220\
Data File : VX017146.D
Acq On : 02 Jul 2020 14:24
Operator : JC/SP
Sample : L3194-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TUNNEL-WALL-WASHWATER(EXH

Quant Time: Jul 03 01:24:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	4.98	128	39994	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.84	114	200060	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	190626	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.04	65	89338	28.70	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 95.67%				
60) 4-Bromofluorobenzene	11.12	95	83323	26.21	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 87.37%				
63) Toluene-d8	8.70	98	240274	28.59	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 95.30%				
Target Compounds							Qvalue
15) Acetone	2.42	58	4116	11.628	ug/l		92
25) Chloroform	5.18	83	42939	8.967	ug/l		99
41) Bromodichloromethane	7.87	83	11471	3.251	ug/l	#	96
53) Dibromochloromethane	9.57	129	2317	0.848	ug/l		85
58) 4-Methyl-2-Pentanone	8.62	43	4286	1.221	ug/l		94
62) Toluene	8.76	91	3214	0.308	ug/l		94

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

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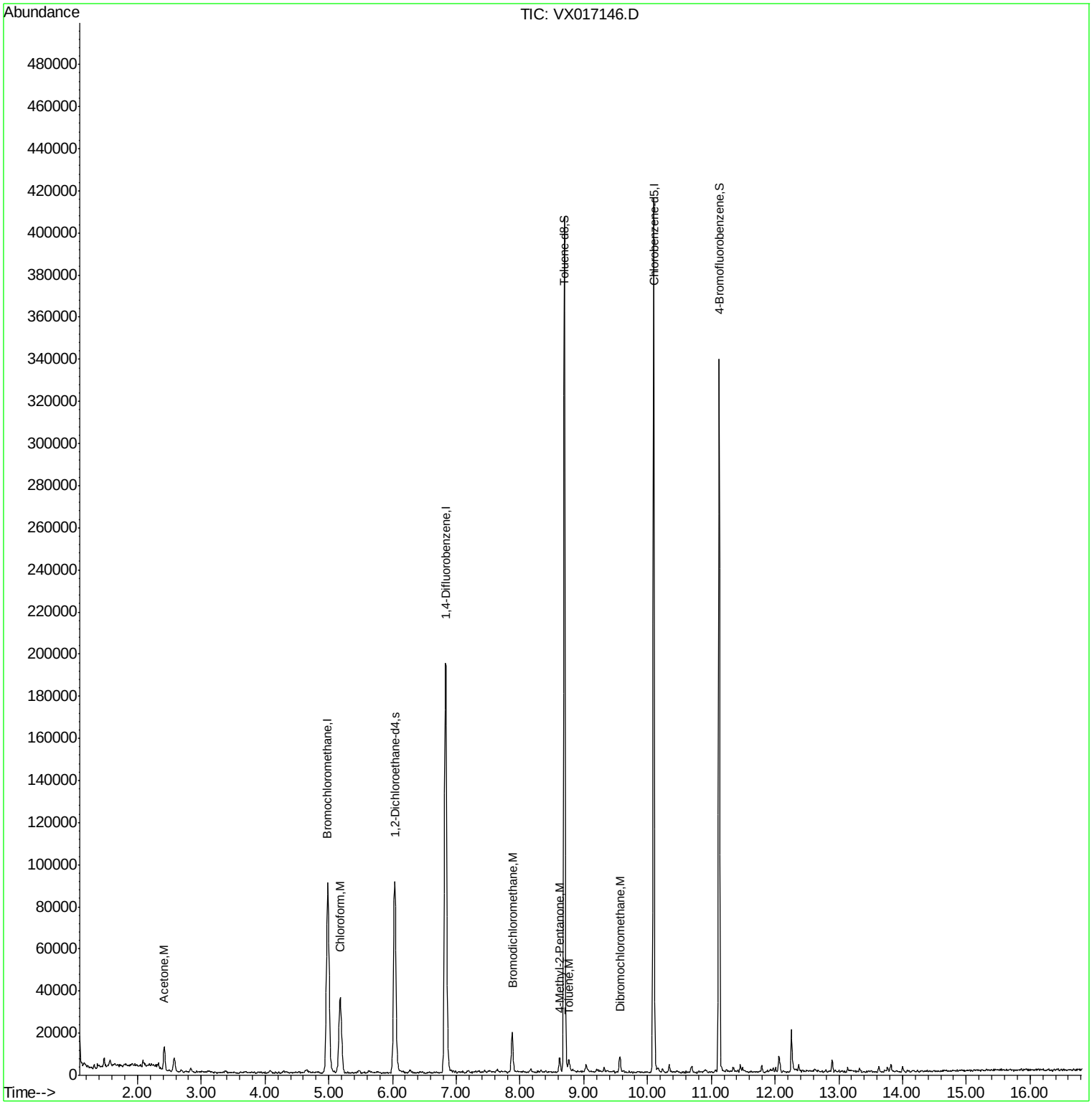
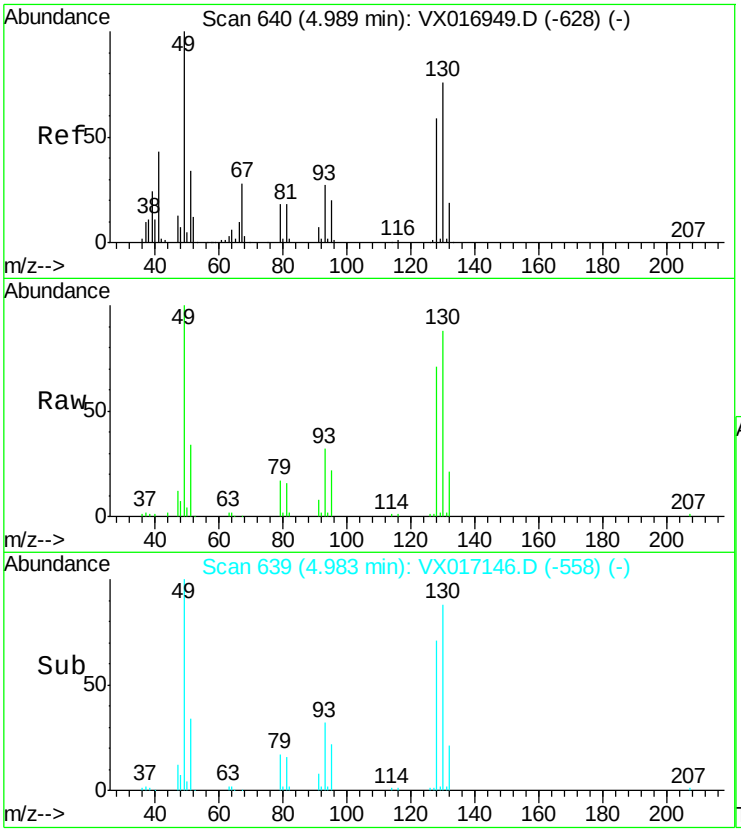


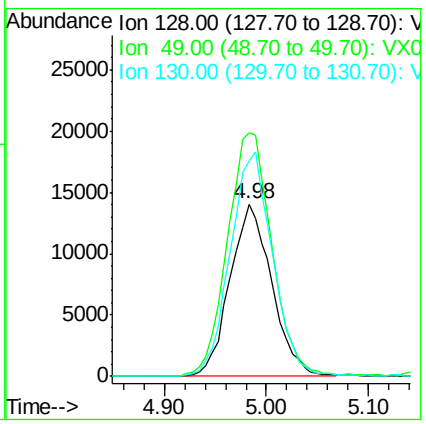


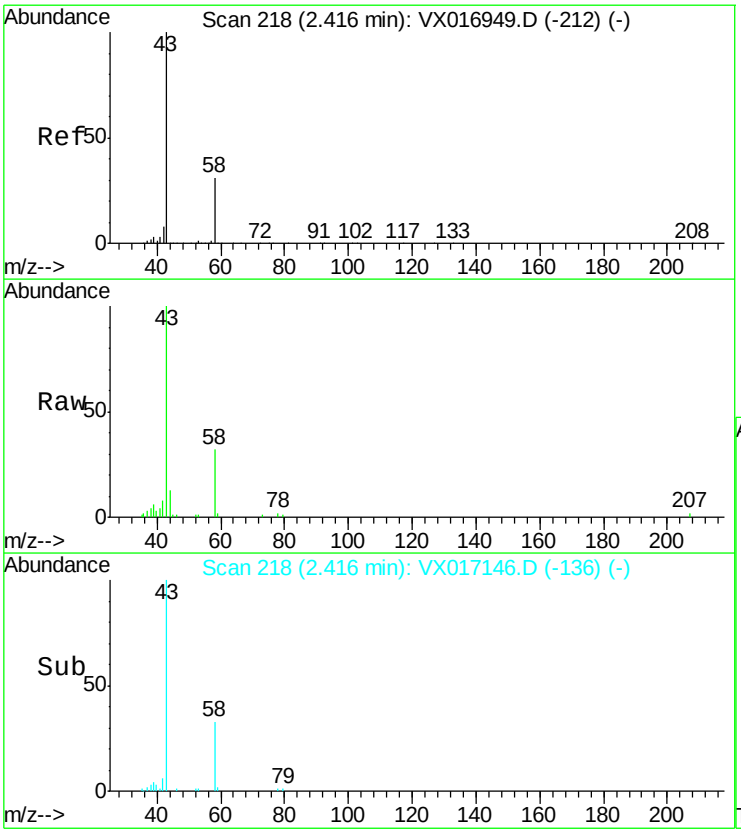
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX017146.D
Acq: 02 Jul 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH

Tgt Ion:128 Resp: 39994

Ion	Ratio	Lower	Upper
128	100		
49	150.4	0.0	428.0
130	131.2	0.0	318.0

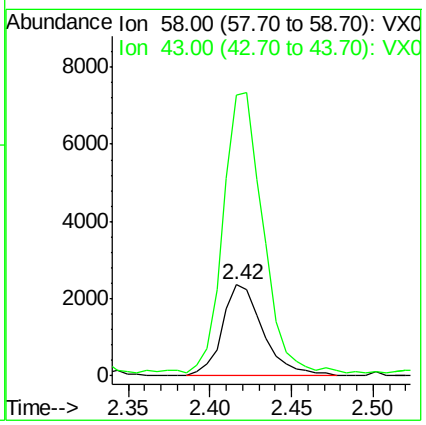


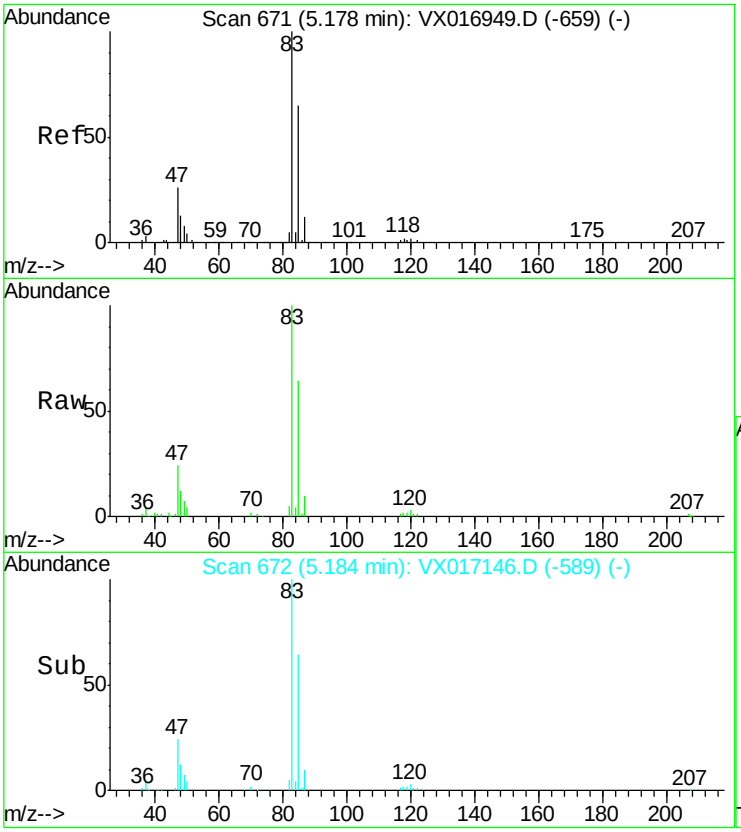


#15
Acetone
Concen: 11.628 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX017146.D
Acq: 02 Jul 2020 14:24

Tgt Ion: 58 Resp: 4116

Ion	Ratio	Lower	Upper
58	100		
43	304.8	257.6	386.4



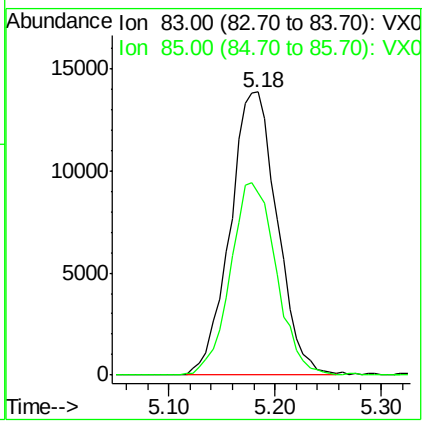


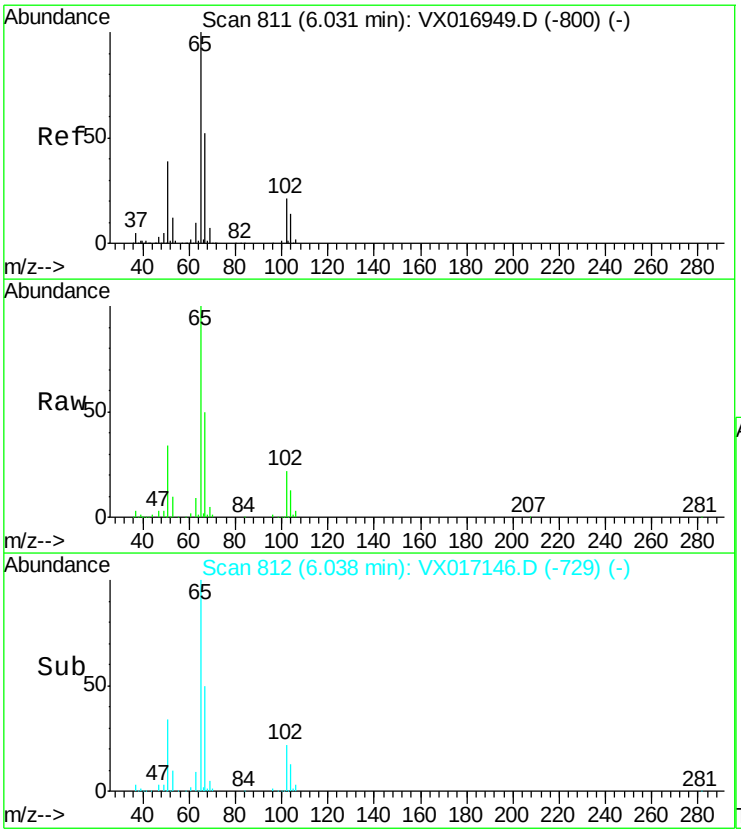
#25
Chloroform
Concen: 8.967 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX017146.D
Acq: 02 Jul 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH

Tgt Ion: 83 Resp: 42939

Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.1	78.1

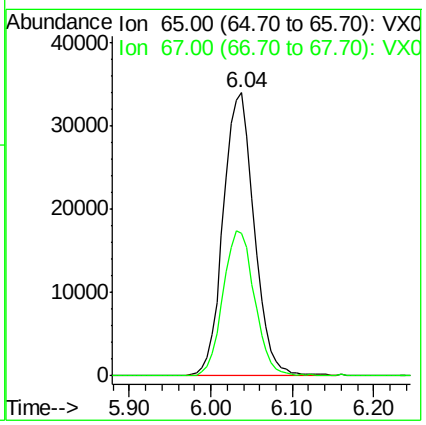


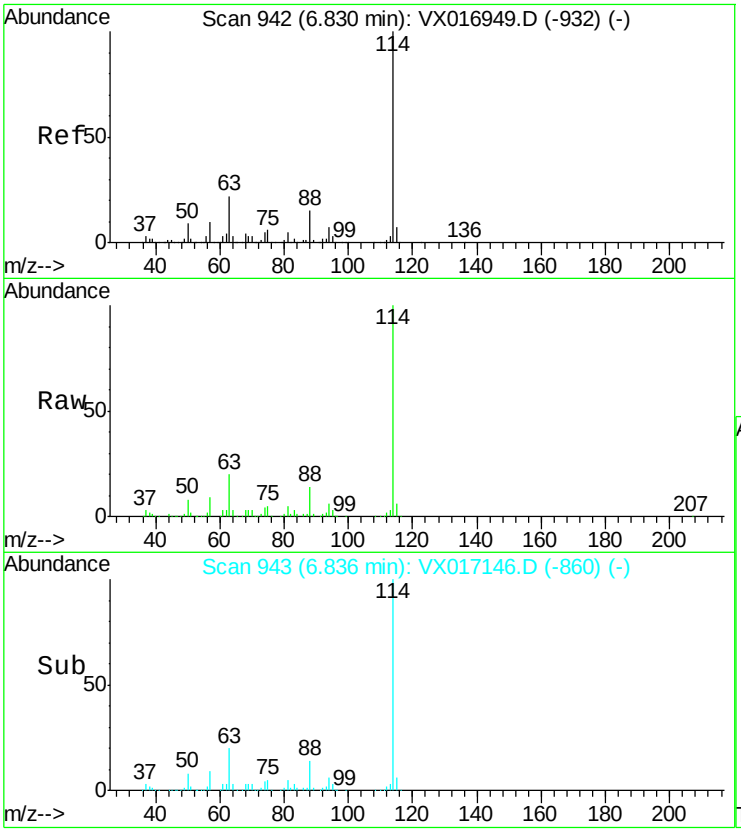


#27
1,2-Dichloroethane-d4
Concen: 28.699 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017146.D
Acq: 02 Jul 2020 14:24

Tgt Ion: 65 Resp: 89338

Ion	Ratio	Lower	Upper
65	100		
67	51.9	41.5	62.3



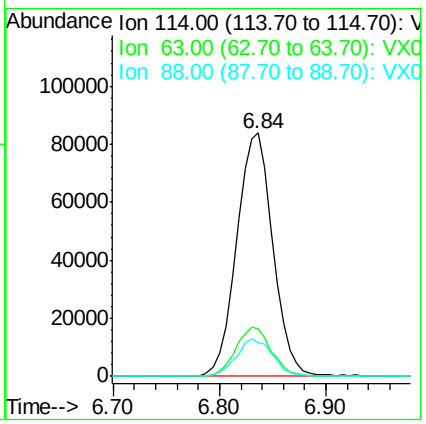


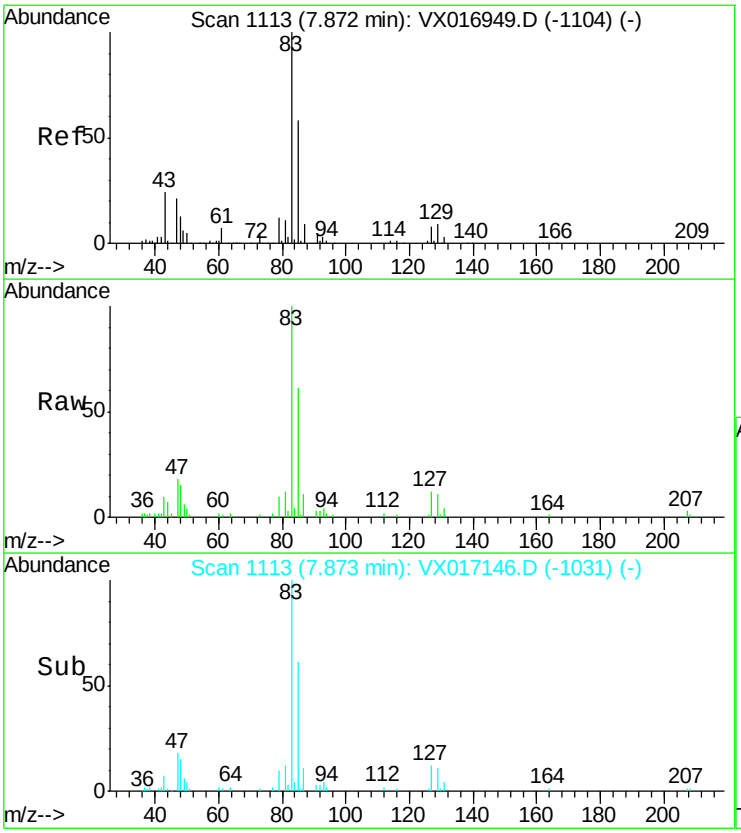
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017146.D
Acq: 02 Jul 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH

Tgt Ion:114 Resp: 200060

Ion	Ratio	Lower	Upper
114	100		
63	20.0	17.4	26.2
88	15.6	13.0	19.6

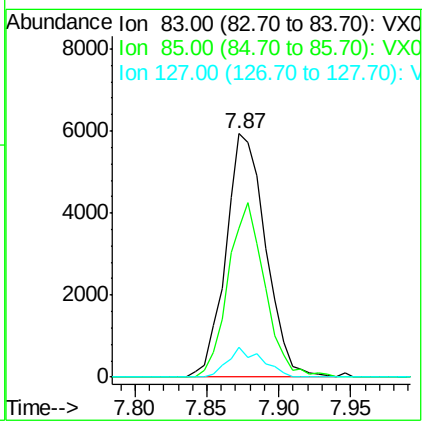


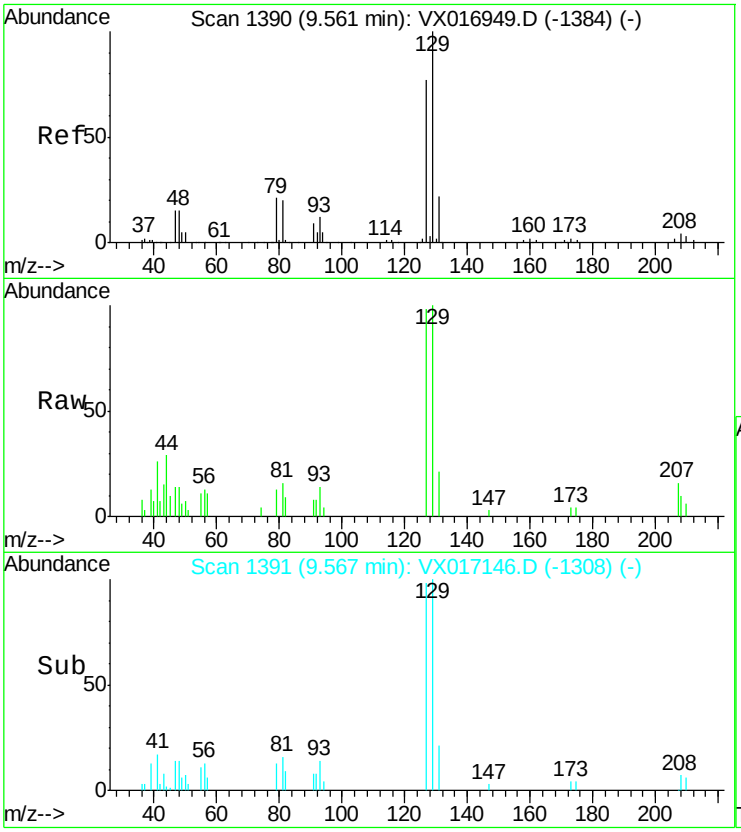


#41
Bromodichloromethane
Concen: 3.251 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX017146.D
Acq: 02 Jul 2020 14:24

Tgt Ion: 83 Resp: 11471

Ion	Ratio	Lower	Upper
83	100		
85	61.0	46.7	70.1
127	12.1	6.5	9.7#



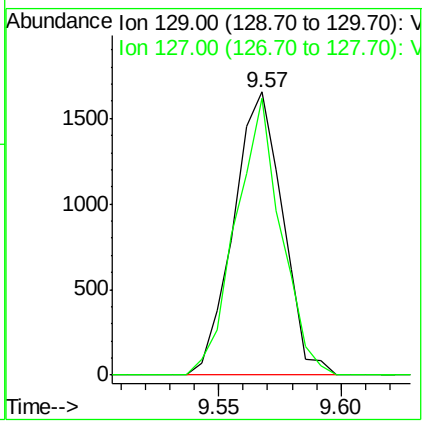


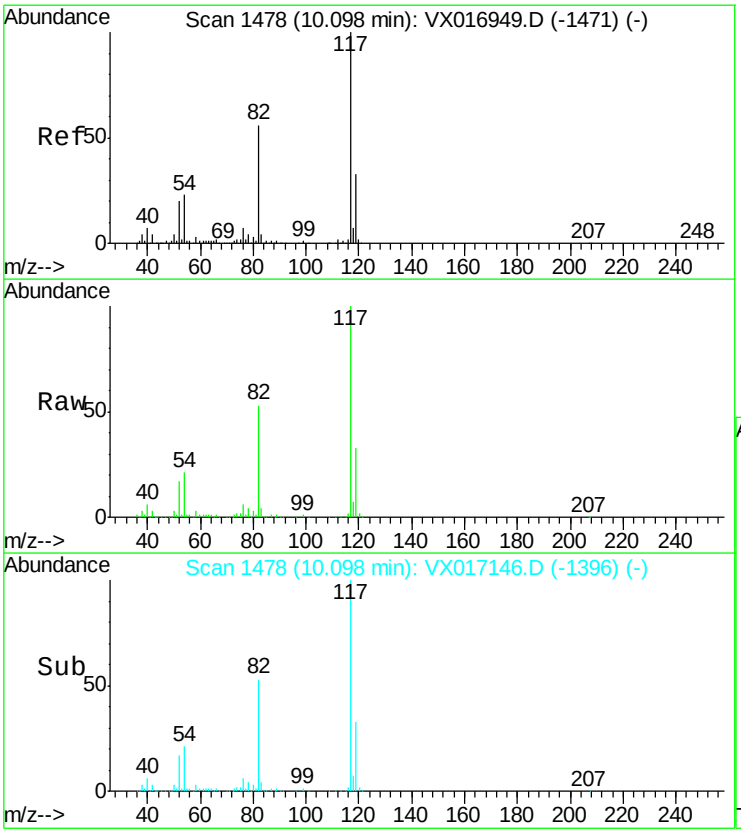
#53
Dibromochloromethane
Concen: 0.848 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX017146.D
Acq: 02 Jul 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH

Tgt Ion:129 Resp: 2317

Ion	Ratio	Lower	Upper
129	100		
127	90.4	38.7	116.1

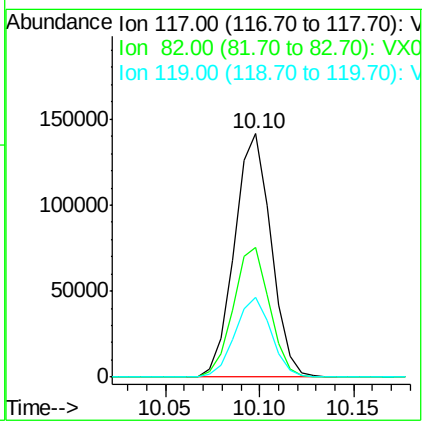


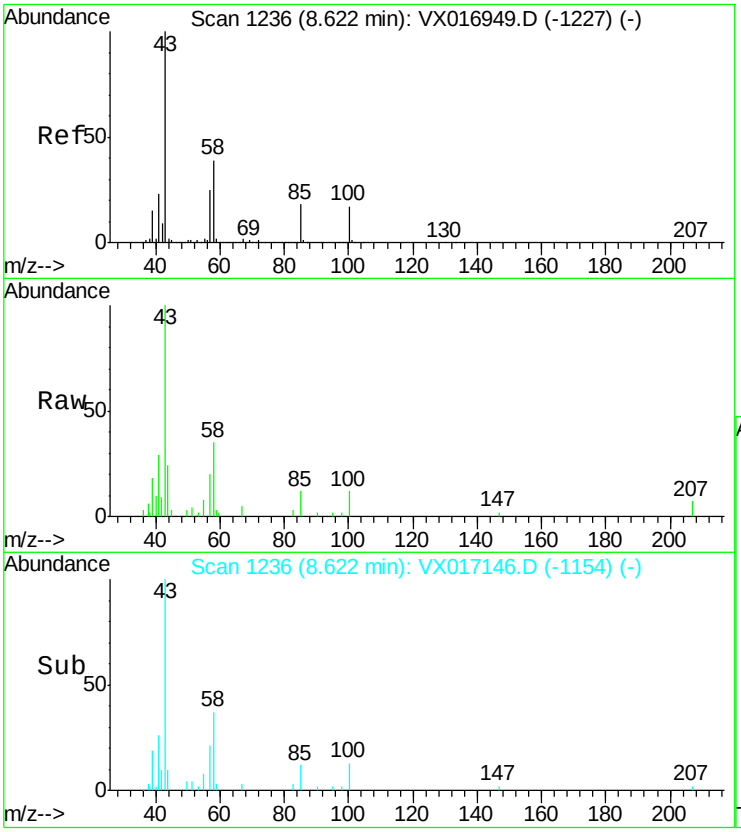


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017146.D
Acq: 02 Jul 2020 14:24

Tgt Ion:117 Resp: 190626

Ion	Ratio	Lower	Upper
117	100		
82	52.7	44.9	67.3
119	32.1	25.8	38.8



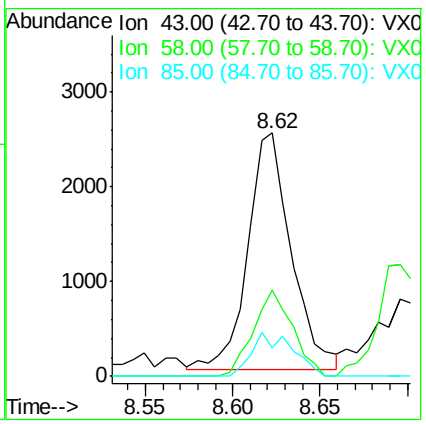


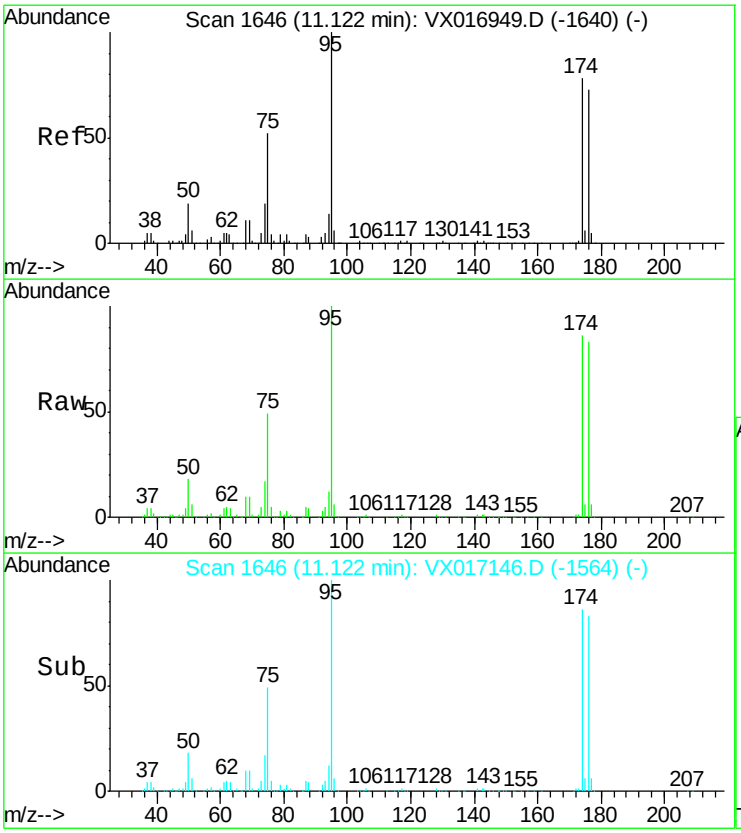
#58
4-Methyl-2-Pentanone
Concen: 1.221 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017146.D
Acq: 02 Jul 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH

Tgt Ion: 43 Resp: 4286

Ion	Ratio	Lower	Upper
43	100		
58	33.5	30.4	45.6
85	17.5	13.5	20.3

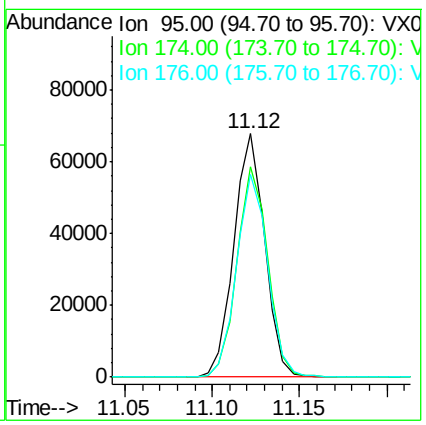


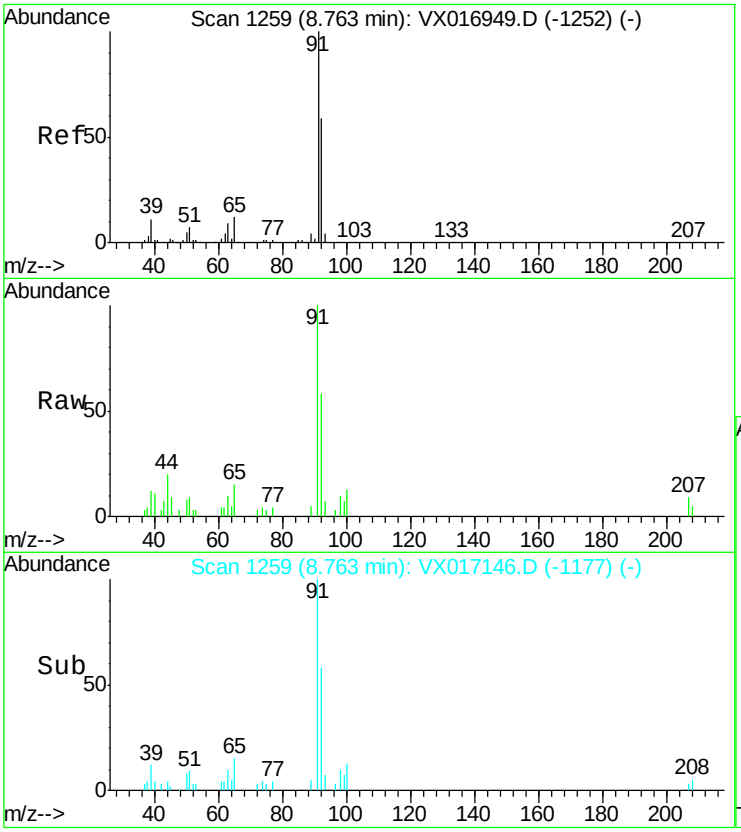


#60
4-Bromofluorobenzene
Concen: 26.210 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017146.D
Acq: 02 Jul 2020 14:24

Tgt Ion: 95 Resp: 83323

Ion	Ratio	Lower	Upper
95	100		
174	86.1	62.2	93.4
176	84.3	58.9	88.3



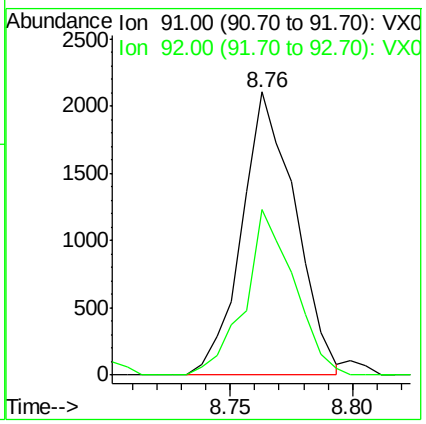


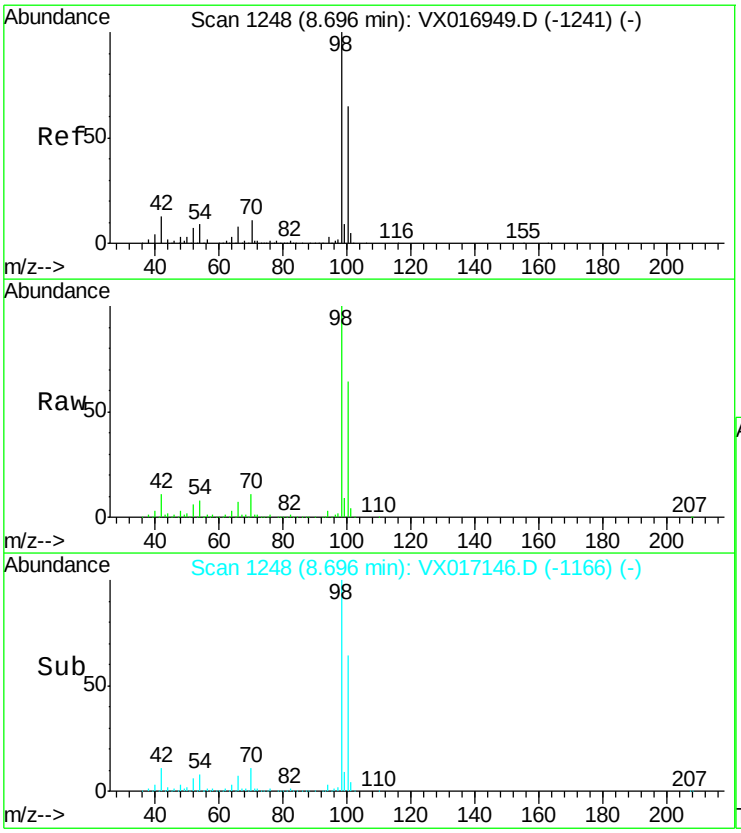
#62
Toluene
Concen: 0.308 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017146.D
Acq: 02 Jul 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH

Tgt Ion: 91 Resp: 3214

Ion	Ratio	Lower	Upper
91	100		
92	53.7	46.8	70.2





#63
Toluene-d8
Concen: 28.594 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017146.D
Acq: 02 Jul 2020 14:24

Tgt Ion: 98 Resp: 240274

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5