Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102918\
Data File : VX005665.D
Acq On : 29 Oct 2018 17:24
Operator : JC/MD
Sample : J5703-02
Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TRENCH-02-BASE

Quant Time: Oct 30 02:00:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	221072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	138405	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.58%			
35) Dibromofluoromethane	5.51	113	104631	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.70%			
50) Toluene-d8	8.71	98	381266	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.08%			
62) 4-Bromofluorobenzene	11.14	95	139881	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.24%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	1216	0.715	ug/l	86
10) Methyl Iodide	2.48	142	387	2.886	ug/l #	75
11) Tert butyl alcohol	3.11	59	198	0.273	ug/l	100
13) Acrolein	2.29	56	109	0.294	ug/l #	14
18) Methyl Acetate	2.76	43	72	Below Cal	#	55
20) Methylene Chloride	2.84	84	603	0.252	ug/l #	78
29) Tetrahydrofuran	5.20	42	1697	1.201	ug/l #	89
31) Cyclohexane	5.65	56	4260	1.171	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	15550	5.117	ug/l #	50
38) Carbon Tetrachloride	5.66	117	19921	6.224	ug/l #	17
43) Isopropyl Acetate	6.50	43	1392	0.240	ug/l #	63
51) 4-Methyl-2-Pentanone	8.71	43	2156	0.552	ug/l #	1
74) N-amyl acetate	10.90	43	4423	0.855	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	3388	0.879	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	70698	19.526	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	70698	63.801	ug/l #	10
86) p-Isopropyltoluene	12.03	119	3273	0.344	ug/l	89
89) n-Butylbenzene	12.37	91	3794	0.442	ug/l #	28
90) Hexachloroethane	12.58	117	1208	0.737	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	641	0.688	ug/l #	14
95) Naphthalene	13.85	128	2935	0.251	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.04	180	2764	0.679	ug/l #	1

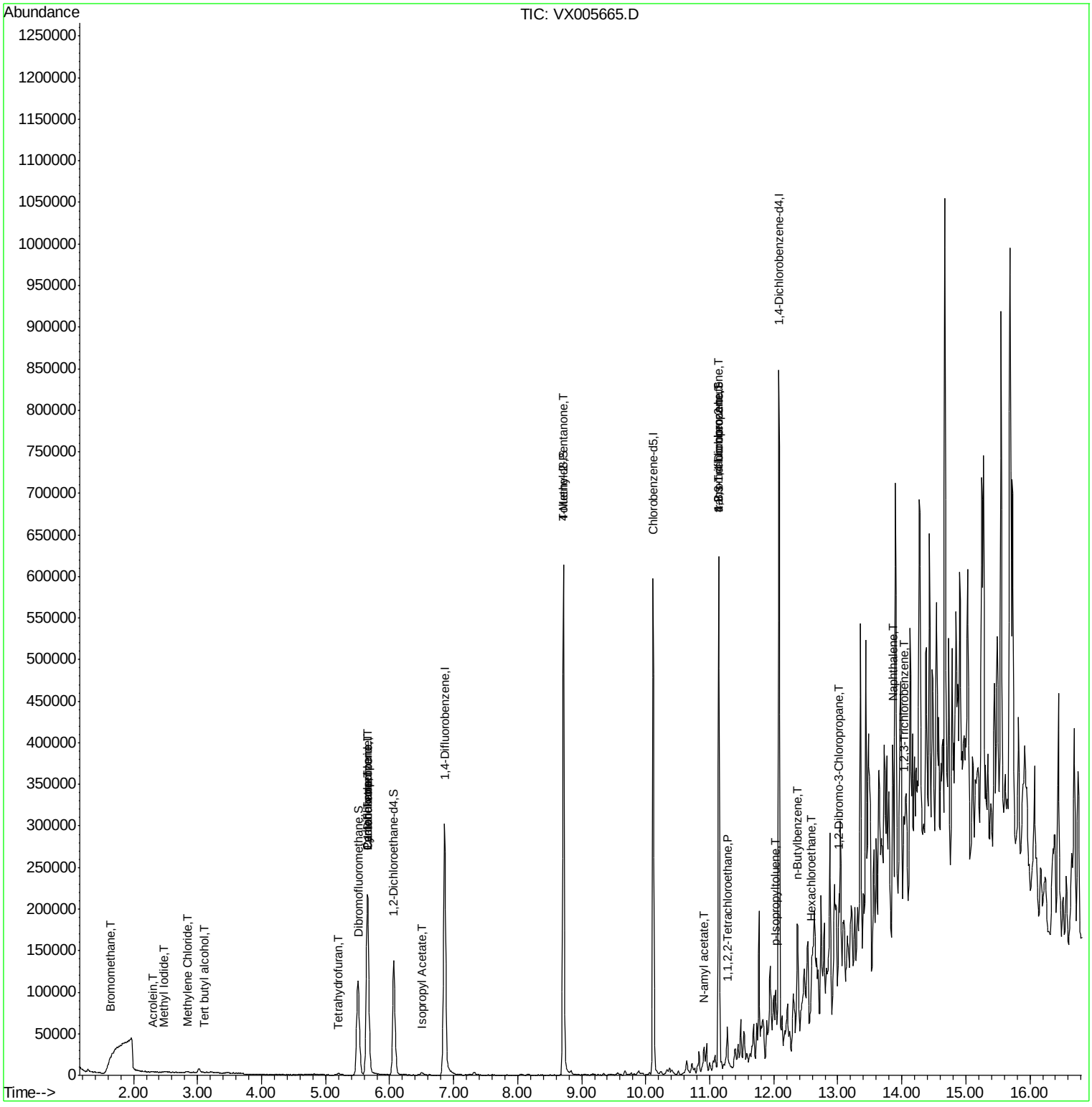
(#) = qualifier out of range (m) = manual integration (+) = signals summed

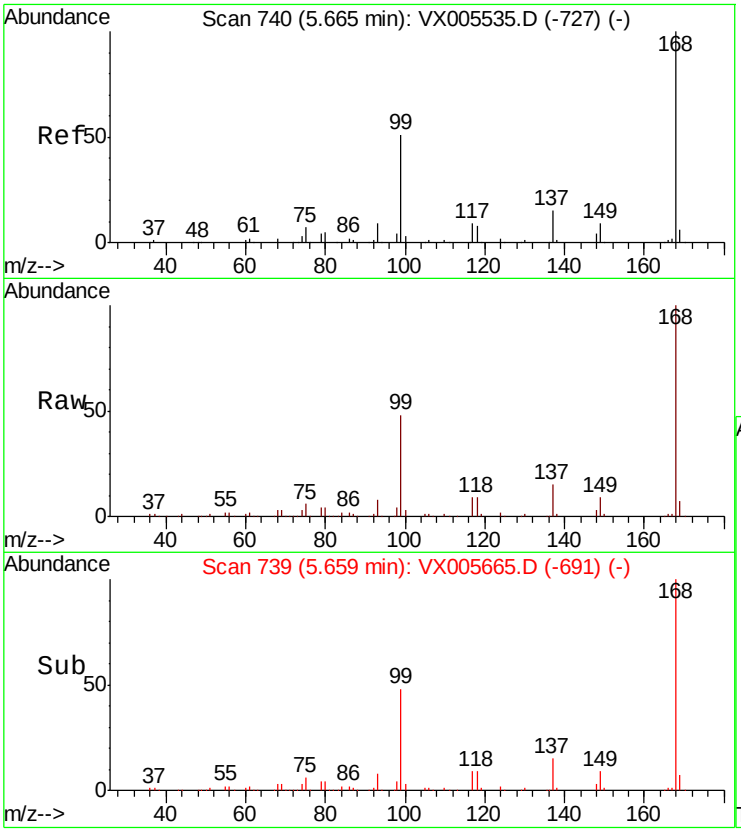
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
Data File : VX005665.D
Acq On : 29 Oct 2018 17:24
Operator : JC/MD
Sample : J5703-02
Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRENCH-02-BASE

Quant Time: Oct 30 02:00:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration



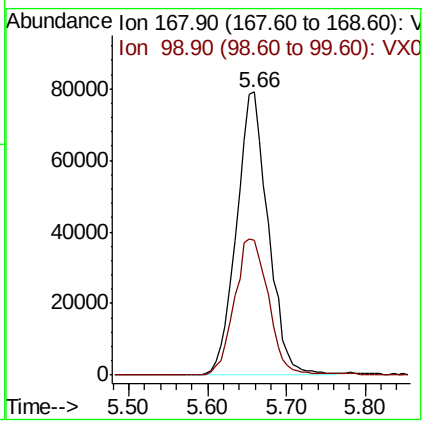


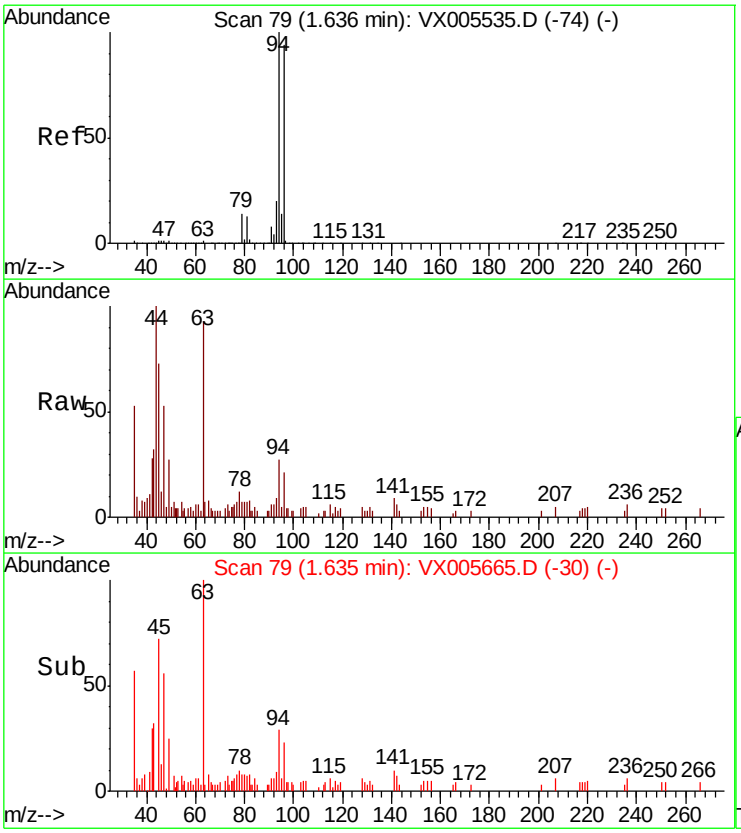
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:168 Resp: 221072

Ion	Ratio	Lower	Upper
168	100		
99	47.5	40.7	61.1

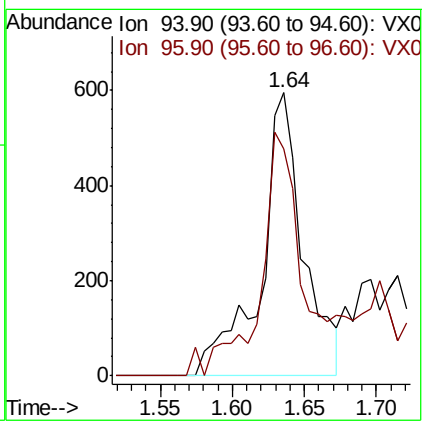


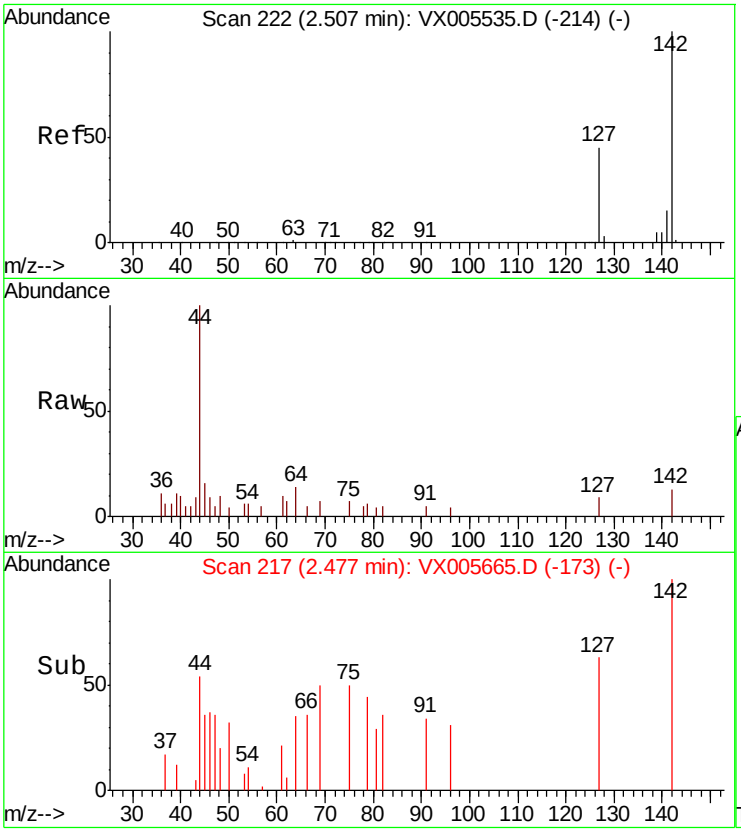


#5
Bromomethane
Concen: 0.715 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion: 94 Resp: 1216

Ion	Ratio	Lower	Upper
94	100		
96	80.3	75.2	112.8



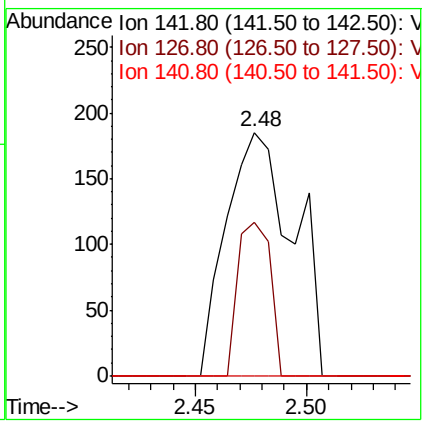


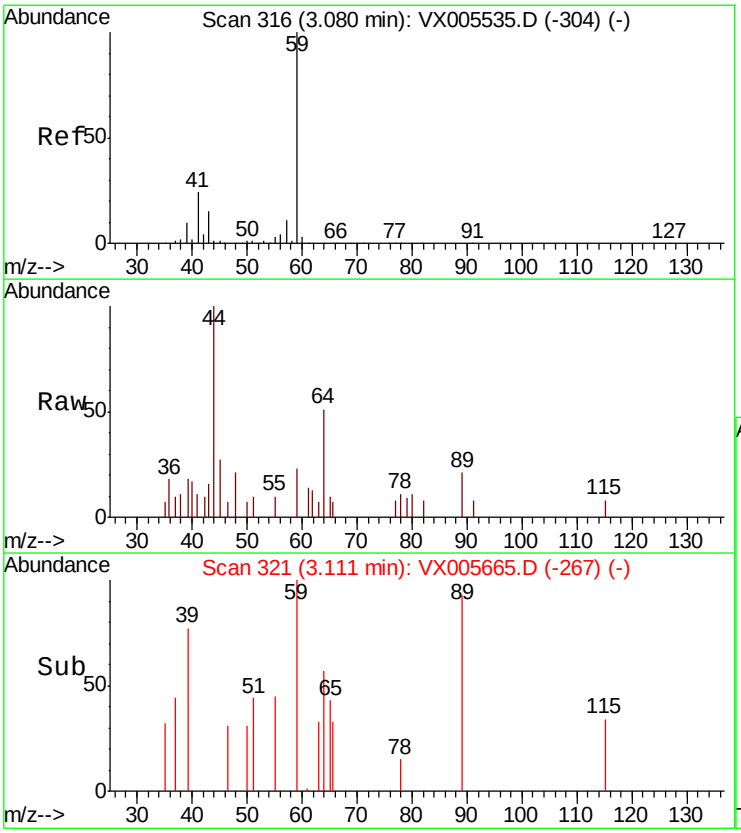
#10
Methyl Iodide
Concen: 2.886 ug/l
RT: 2.48 min Scan# 217
Delta R.T. -0.03 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument : MSVOA_X
ClientSampleId : TRENCH-02-BASE

Tgt Ion:142 Resp: 387

Ion	Ratio	Lower	Upper
142	100		
127	31.0	36.0	54.0#
141	0.0	11.7	17.5#

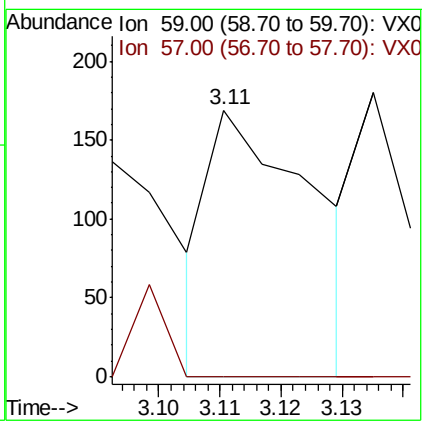


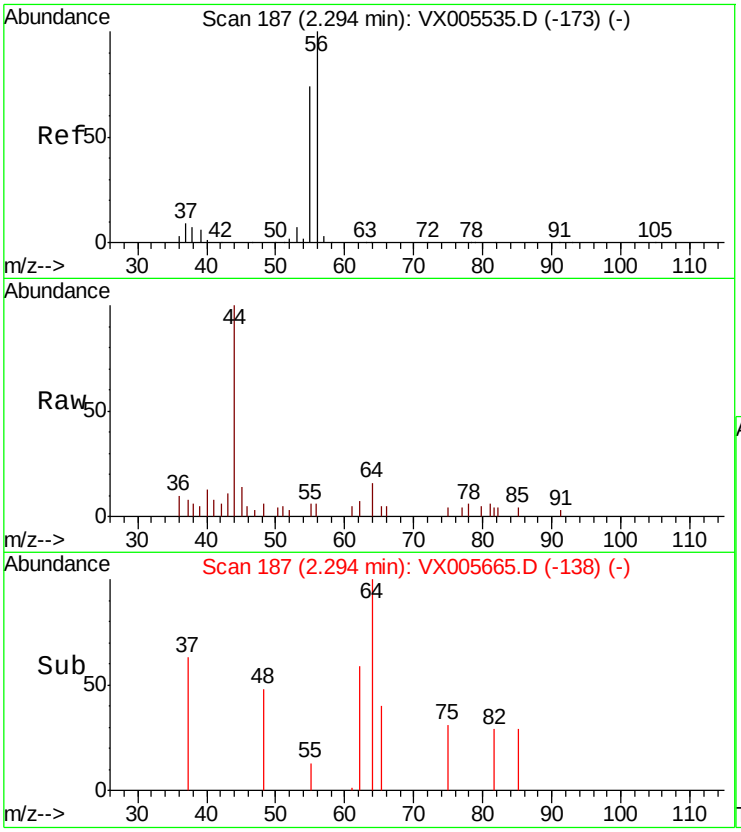


#11
Tert butyl alcohol
Concen: 0.273 ug/l
RT: 3.11 min Scan# 321
Delta R.T. 0.03 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion: 59 Resp: 198

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7



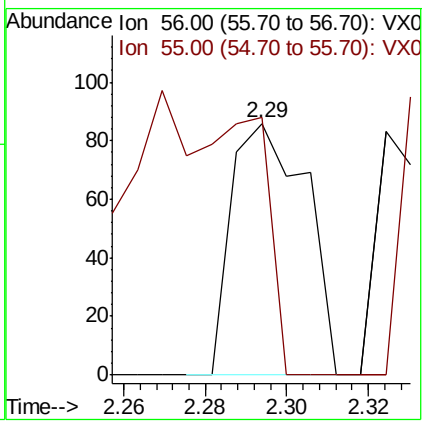


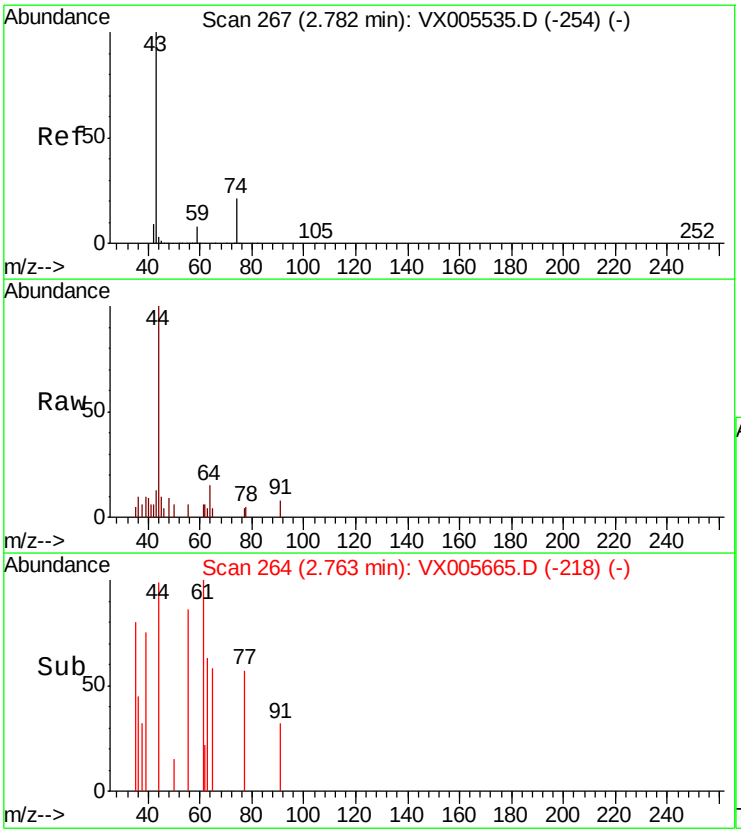
#13
Acrolein
Concen: 0.294 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 56 Resp: 109

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.3	85.9#

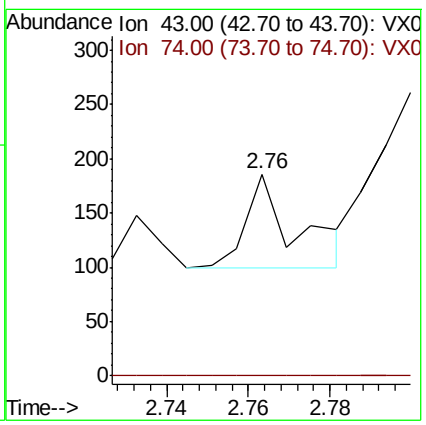


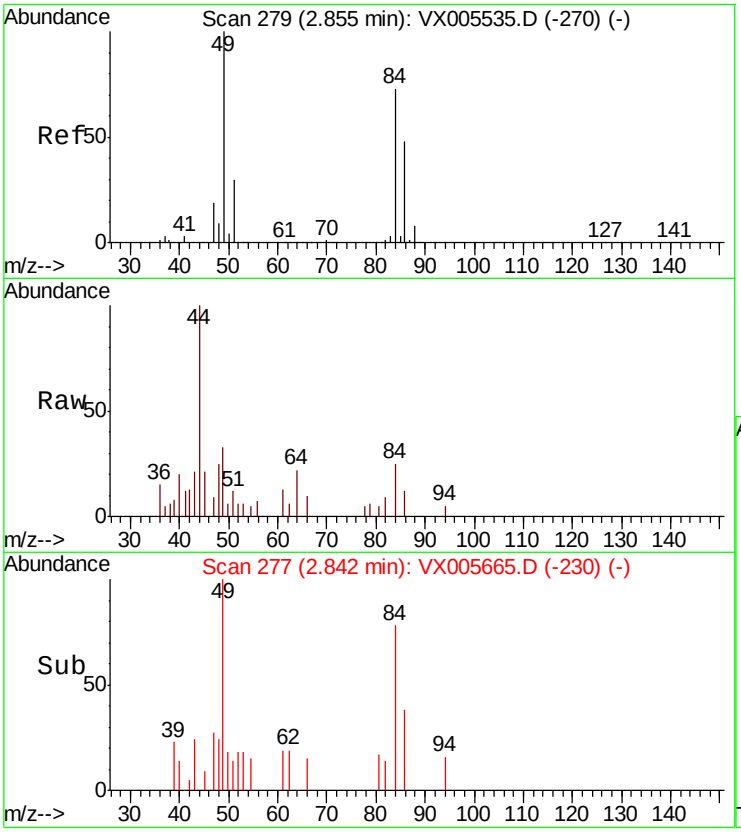


#18
Methyl Acetate
Concen: Below Cal
RT: 2.76 min Scan# 264
Delta R.T. -0.02 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion: 43 Resp: 72

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.8	25.2#



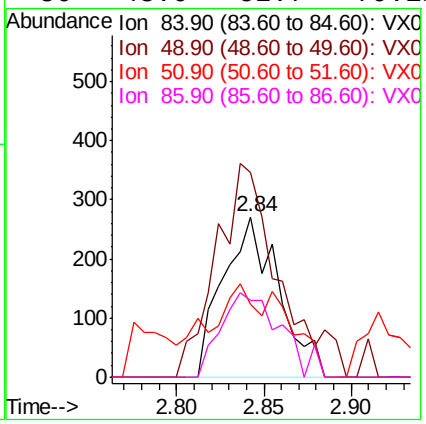


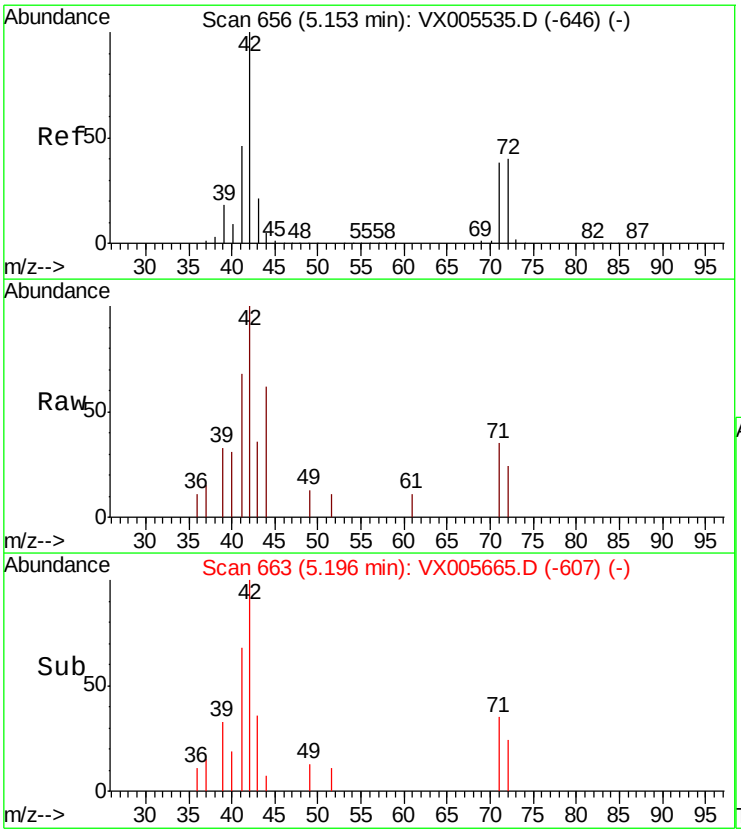
#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument : MSVOA_X
ClientSampleId : TRENCH-02-BASE

Tgt Ion: 84 Resp: 603

Ion	Ratio	Lower	Upper
84	100		
49	105.5	109.5	164.3#
51	45.4	33.3	49.9
86	48.0	52.7	79.1#

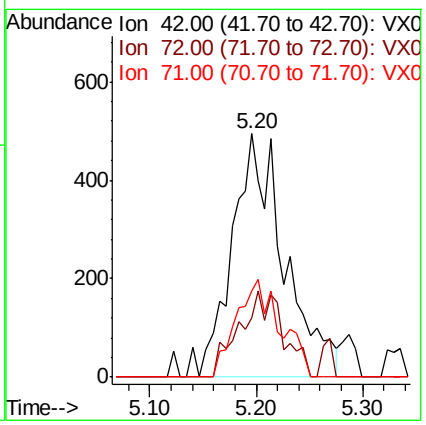


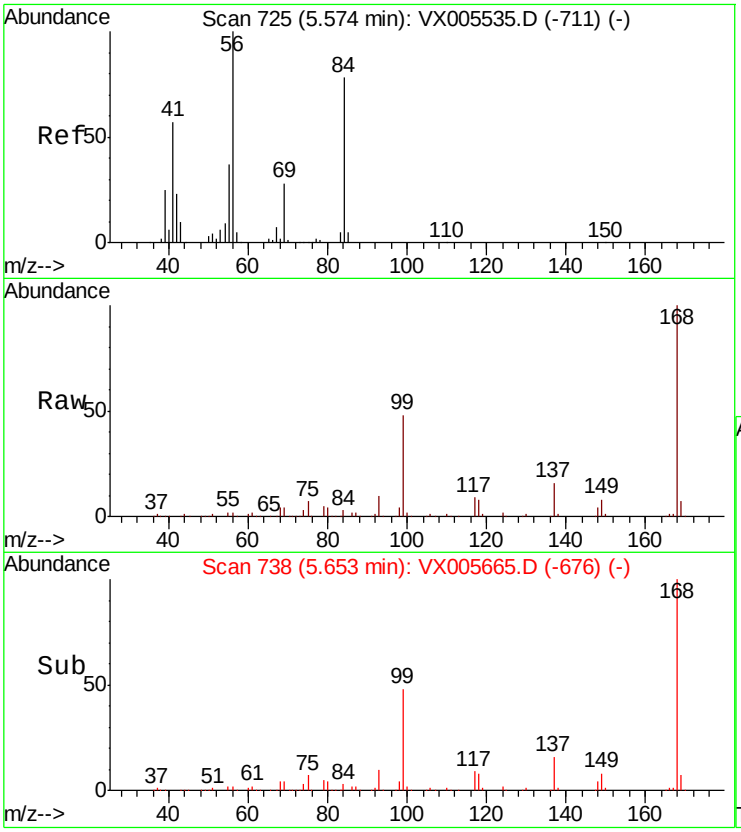


#29
Tetrahydrofuran
Concen: 1.201 ug/l
RT: 5.20 min Scan# 663
Delta R.T. 0.04 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion: 42 Resp: 1697

Ion	Ratio	Lower	Upper
42	100		
72	29.9	32.0	48.0#
71	34.0	29.8	44.8



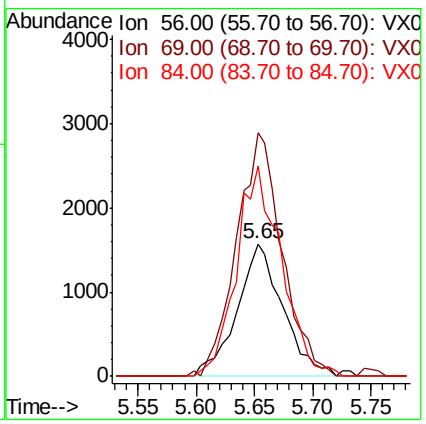


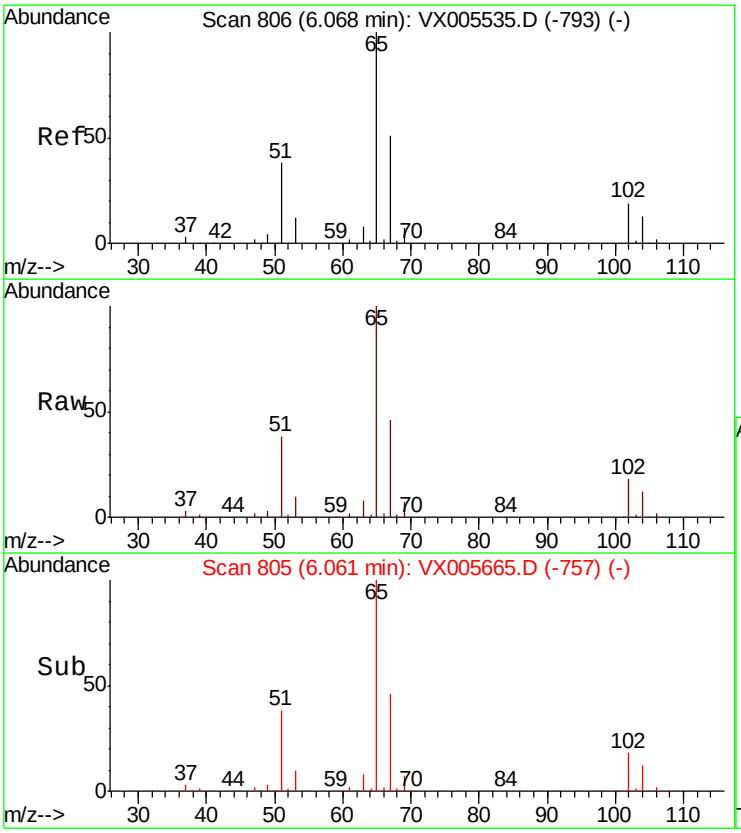
#31
Cyclohexane
Concen: 1.171 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 56 Resp: 4260

Ion	Ratio	Lower	Upper
56	100		
69	183.6	22.6	34.0#
84	158.1	62.7	94.1#

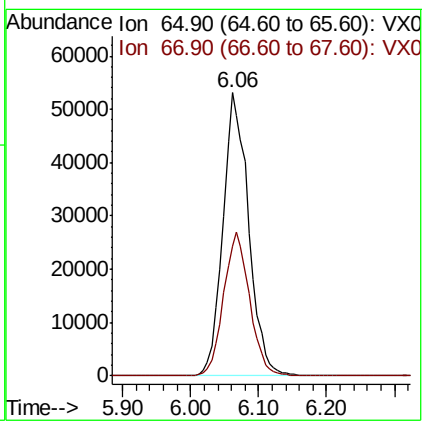


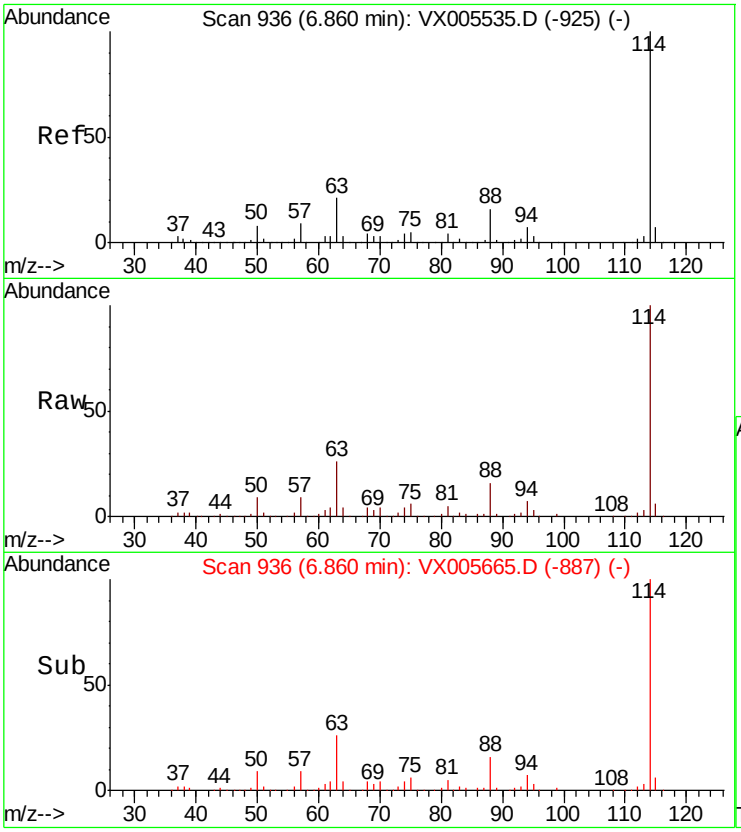


#33
1,2-Dichloroethane-d4
Concen: 51.288 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion: 65 Resp: 138405

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.0



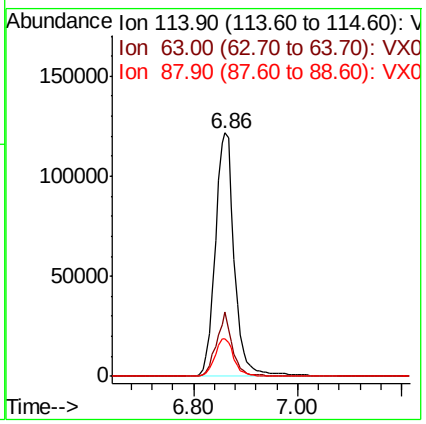


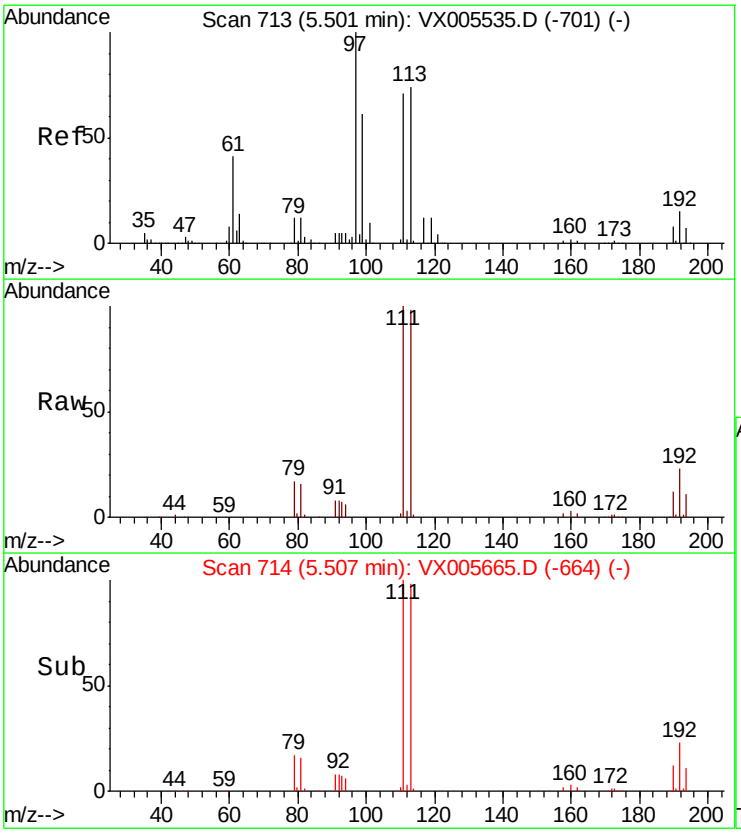
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:114 Resp: 313148

Ion	Ratio	Lower	Upper
114	100		
63	26.3	0.0	42.8
88	15.6	0.0	31.2

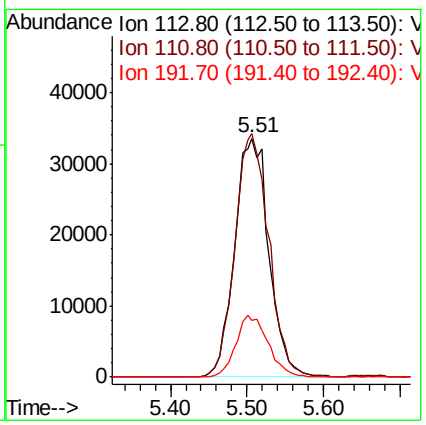


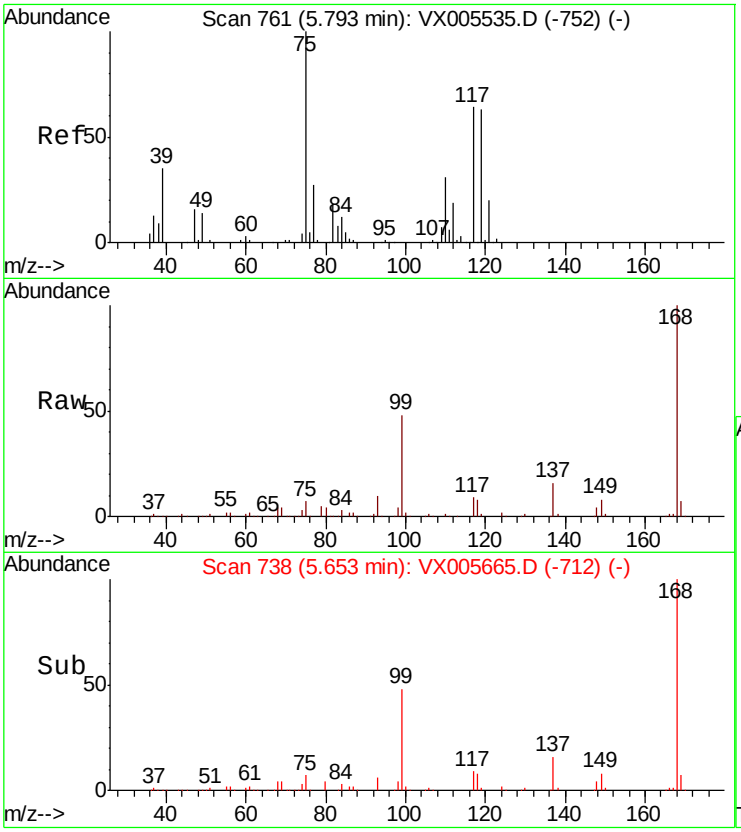


#35
Dibromofluoromethane
Concen: 49.346 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion:113 Resp: 104631

Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.3	123.5
192	24.2	17.9	26.9



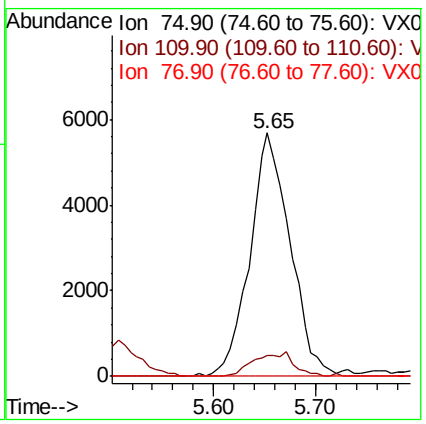


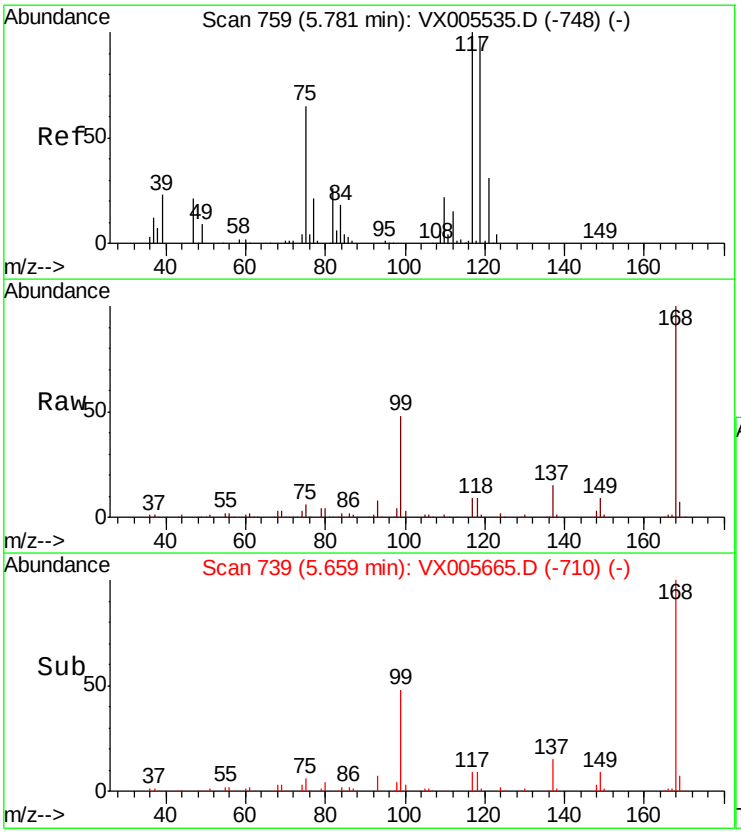
#36
1,1-Dichloropropene
Concen: 5.117 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 75 Resp: 15550

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.4	52.2#
77	0.0	25.8	38.6#

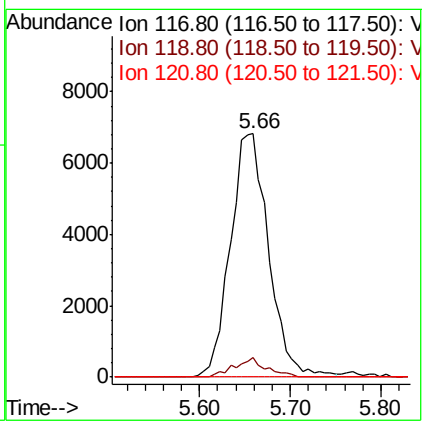


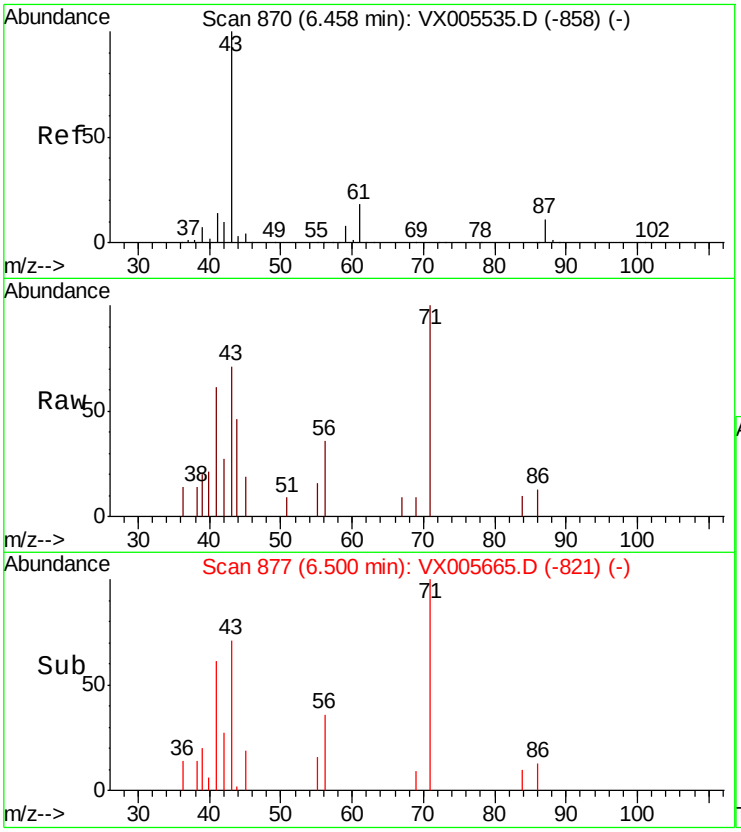


#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion:117 Resp: 19921

Ion	Ratio	Lower	Upper
117	100		
119	7.9	78.1	117.1#
121	0.0	24.6	36.8#



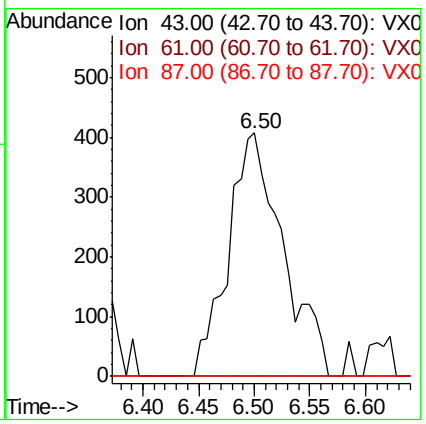


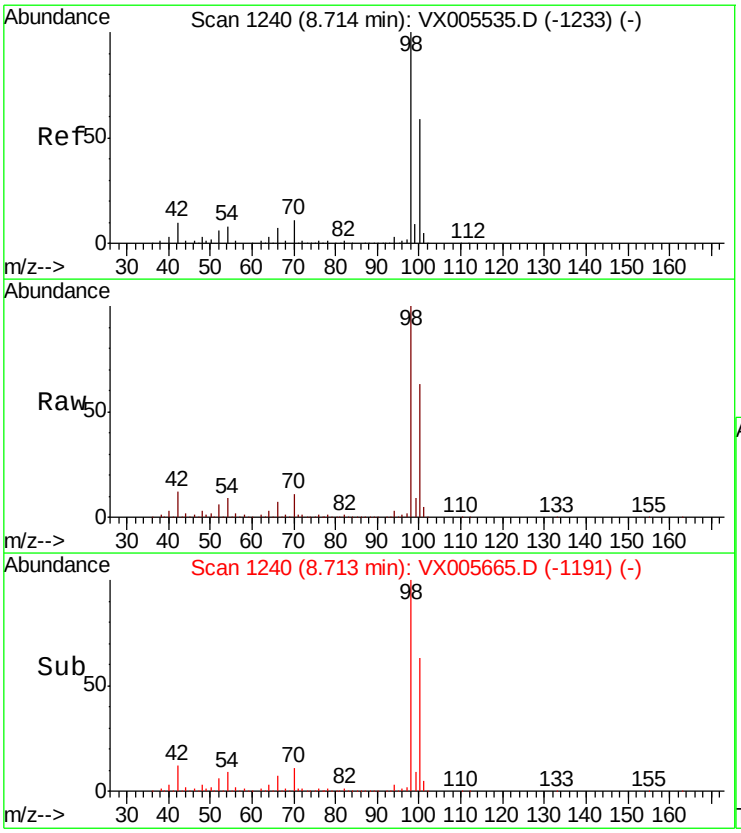
#43
Isopropyl Acetate
Concen: 0.240 ug/l
RT: 6.50 min Scan# 877
Delta R.T. 0.04 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 43 Resp: 1392

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.6	22.0#
87	0.0	9.6	14.4#

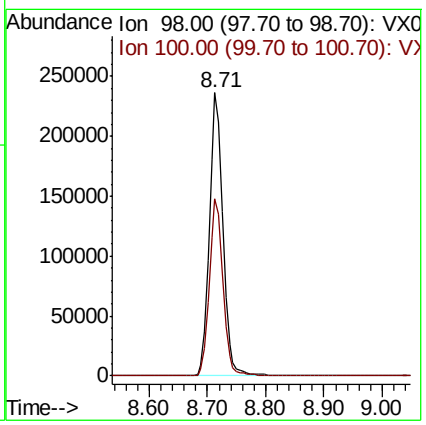


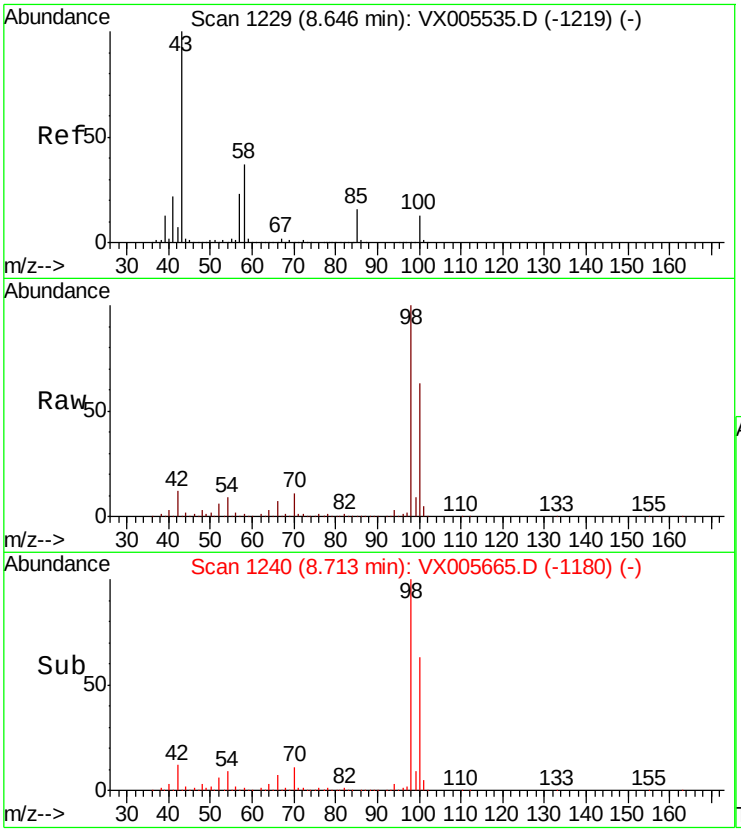


#50
Toluene-d8
Concen: 50.042 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion: 98 Resp: 381266

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.3	76.9



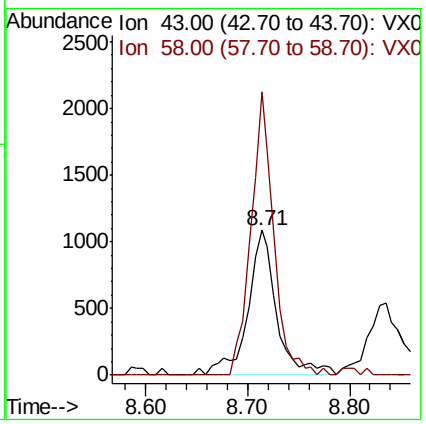


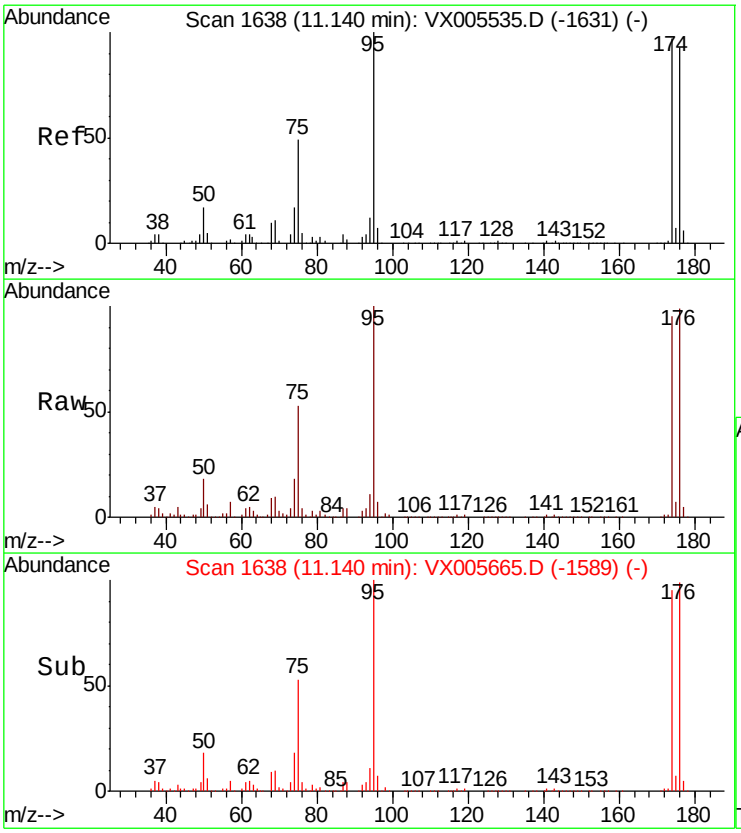
#51
4-Methyl-2-Pentanone
Concen: 0.552 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.07 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 43 Resp: 2156

Ion	Ratio	Lower	Upper
43	100		
58	154.5	29.7	44.5#

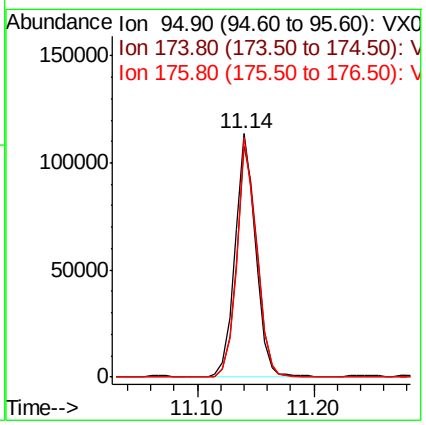


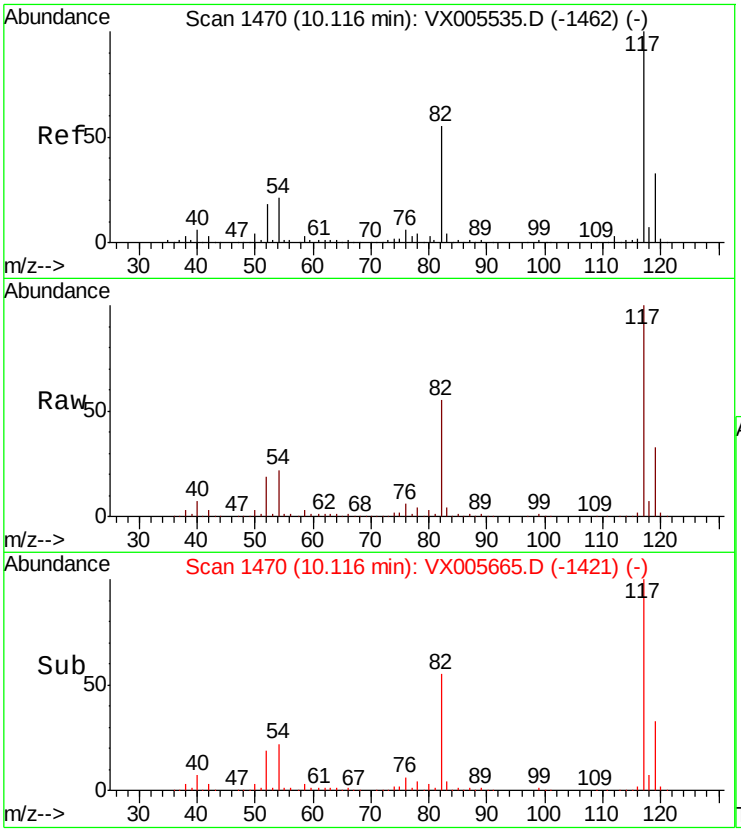


#62
4-Bromofluorobenzene
Concen: 48.616 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion: 95 Resp: 139881

Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	184.4
176	94.1	0.0	177.4



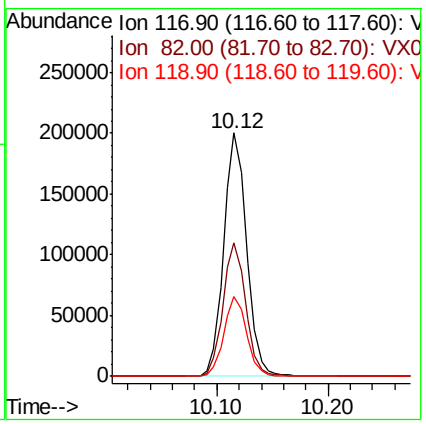


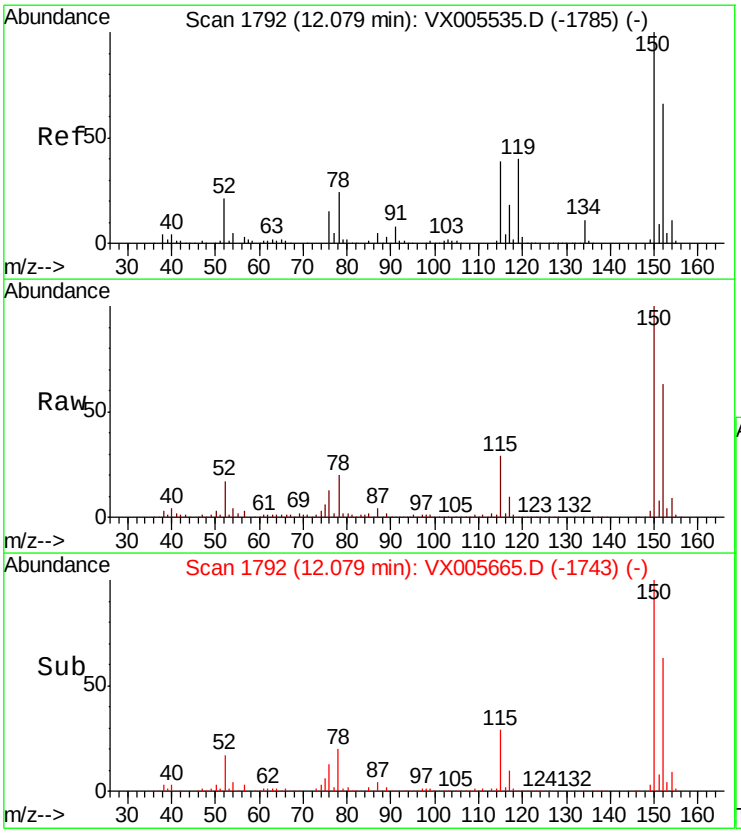
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:117 Resp: 285257

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.1	66.1
119	32.8	26.2	39.2

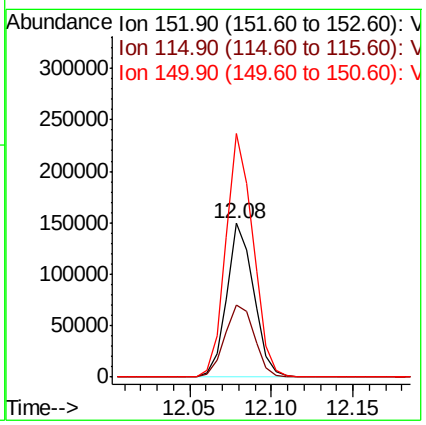


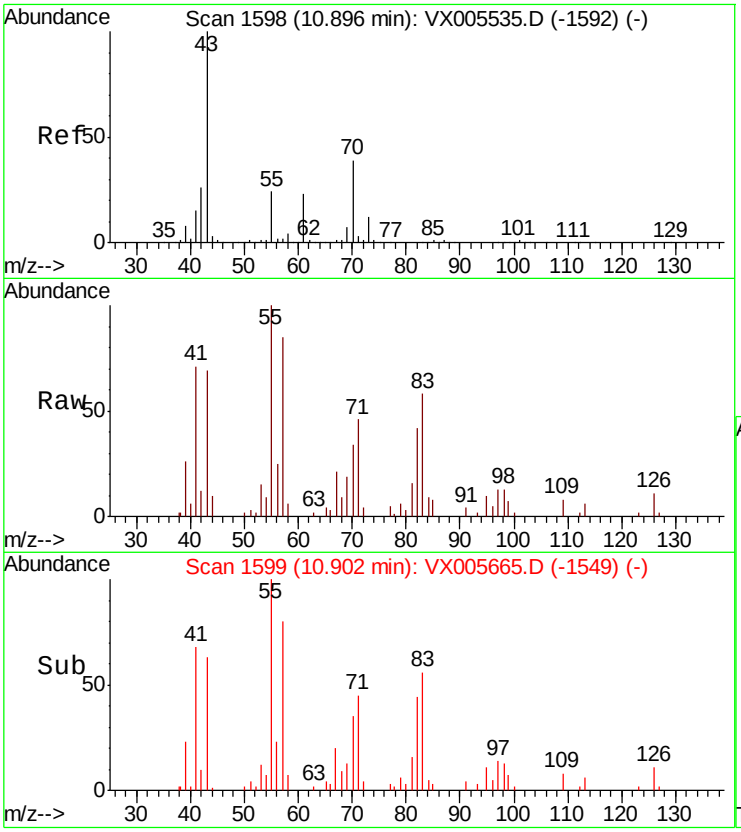


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion:152 Resp: 170890

Ion	Ratio	Lower	Upper
152	100		
115	51.9	39.4	118.1
150	161.0	0.0	346.4



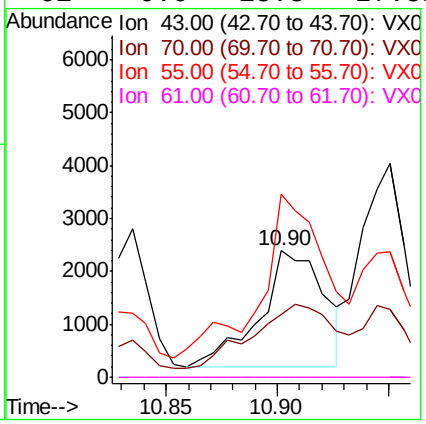


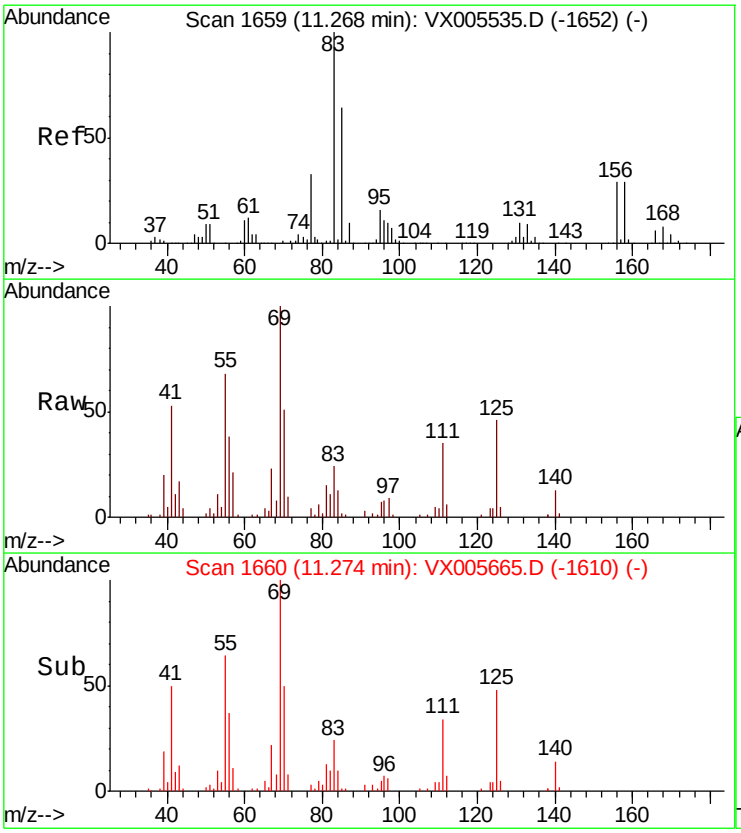
#74
N-amyl acetate
Concen: 0.855 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument : MSVOA_X
ClientSampleId : TRENCH-02-BASE

Tgt Ion: 43 Resp: 4423

Ion	Ratio	Lower	Upper
43	100		
70	71.1	31.6	47.4#
55	143.7	19.7	29.5#
61	0.0	18.3	27.5#

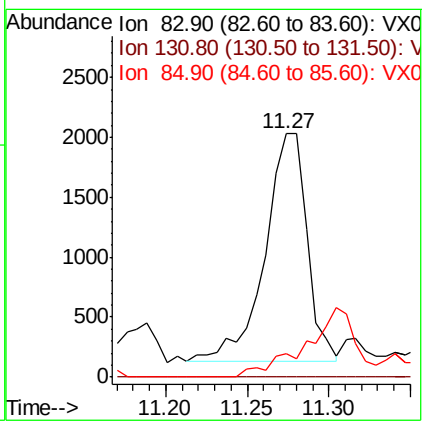


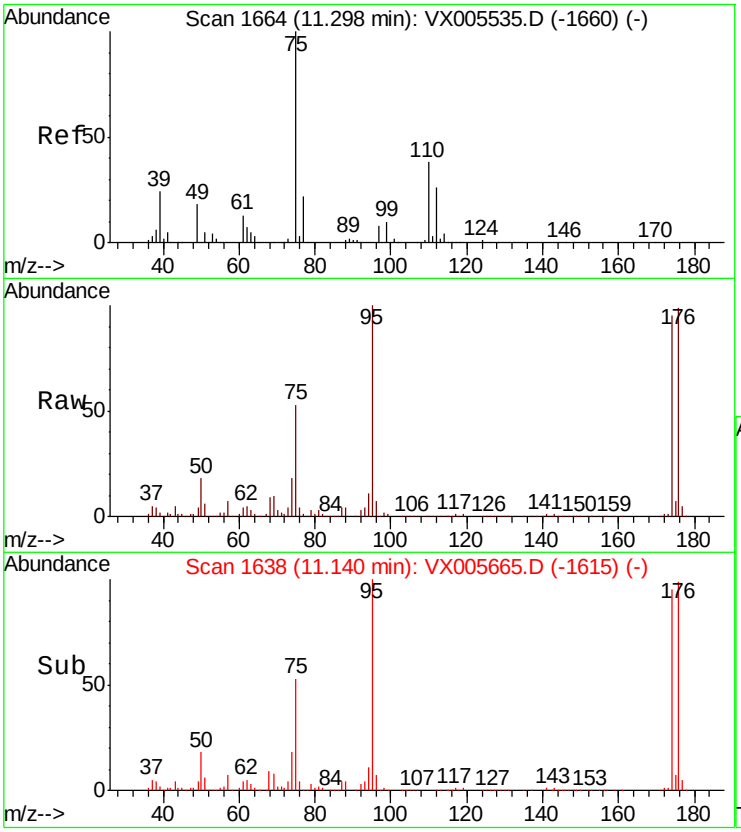


#75
1,1,2,2-Tetrachloroethane
Concen: 0.879 ug/l
RT: 11.27 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion: 83 Resp: 3388

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	0.0	32.0	96.2#



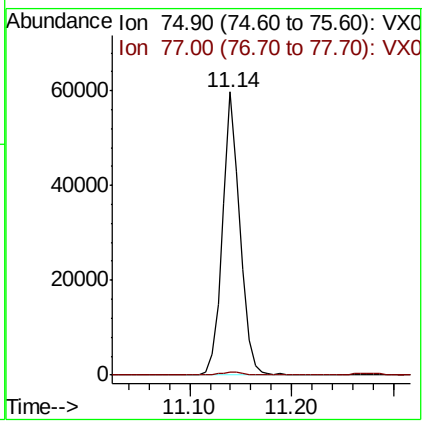


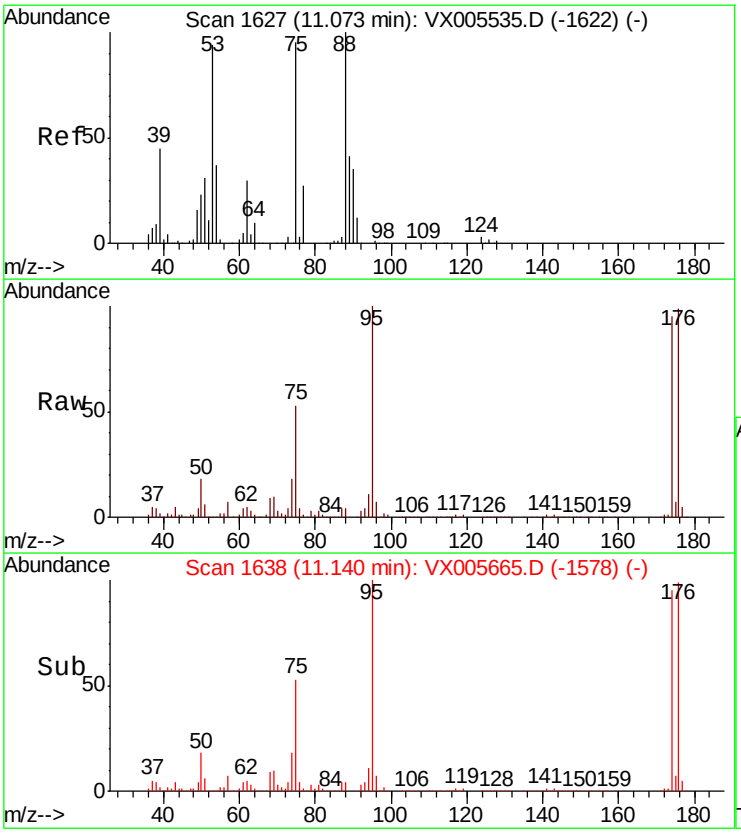
#76
1,2,3-Trichloropropane
Concen: 19.526 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 75 Resp: 70698

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.5	61.6#

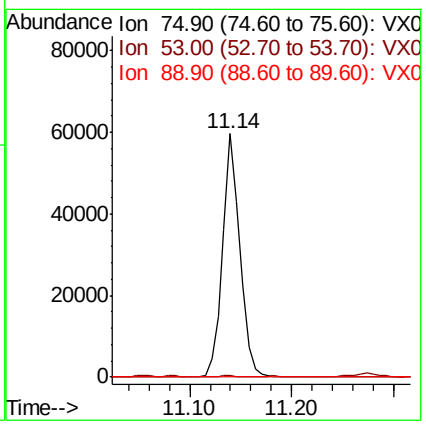


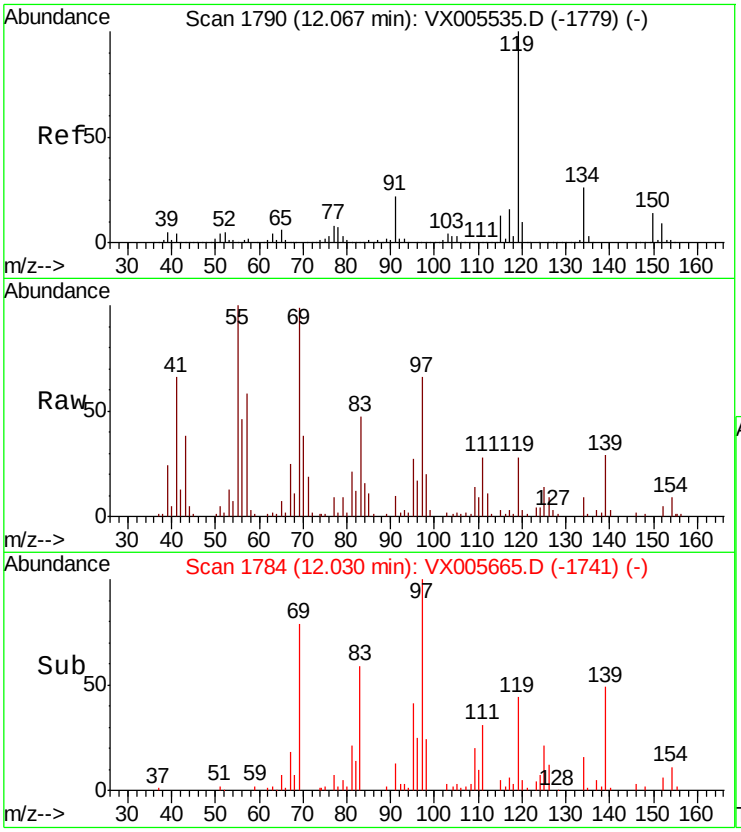


#81
trans-1,4-Dichloro-2-butene
Concen: 63.801 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion: 75 Resp: 70698

Ion	Ratio	Lower	Upper
75	100		
53	0.6	80.2	120.2#
89	0.0	39.8	59.8#



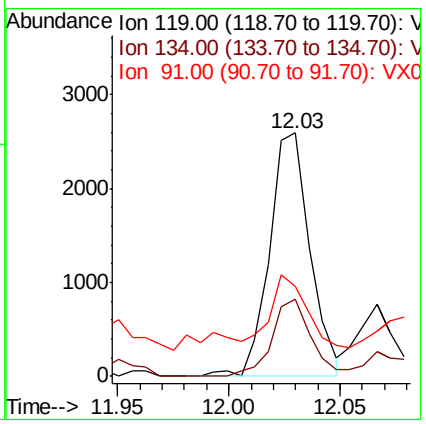


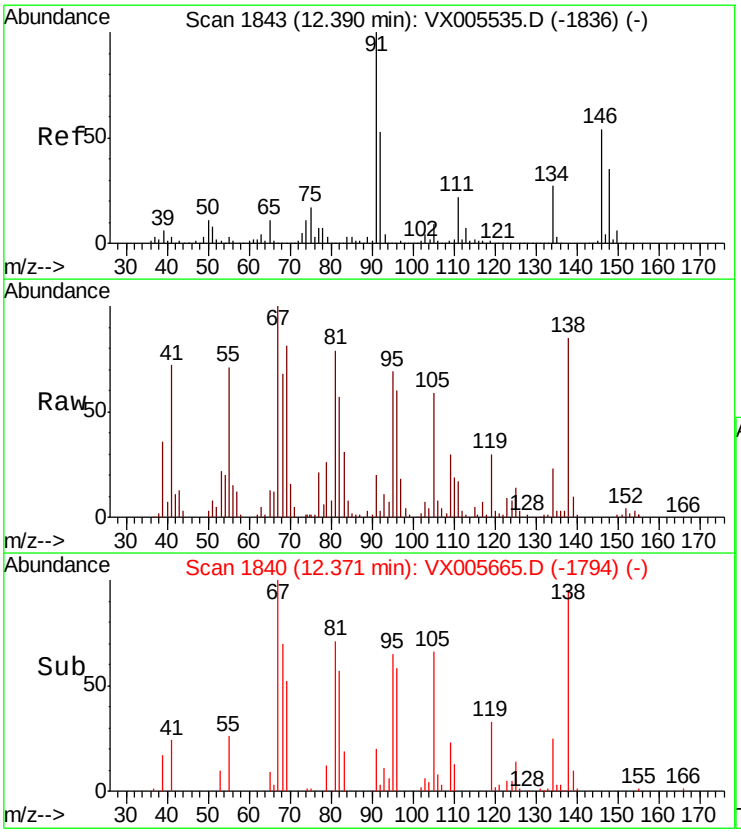
#86
p-Isopropyltoluene
Concen: 0.344 ug/l
RT: 12.03 min Scan# 1784
Delta R.T. -0.04 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:119 Resp: 3273

Ion	Ratio	Lower	Upper
119	100		
134	31.2	13.0	39.0
91	29.1	11.4	34.2

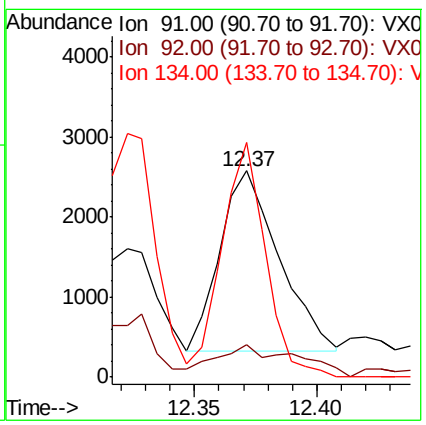


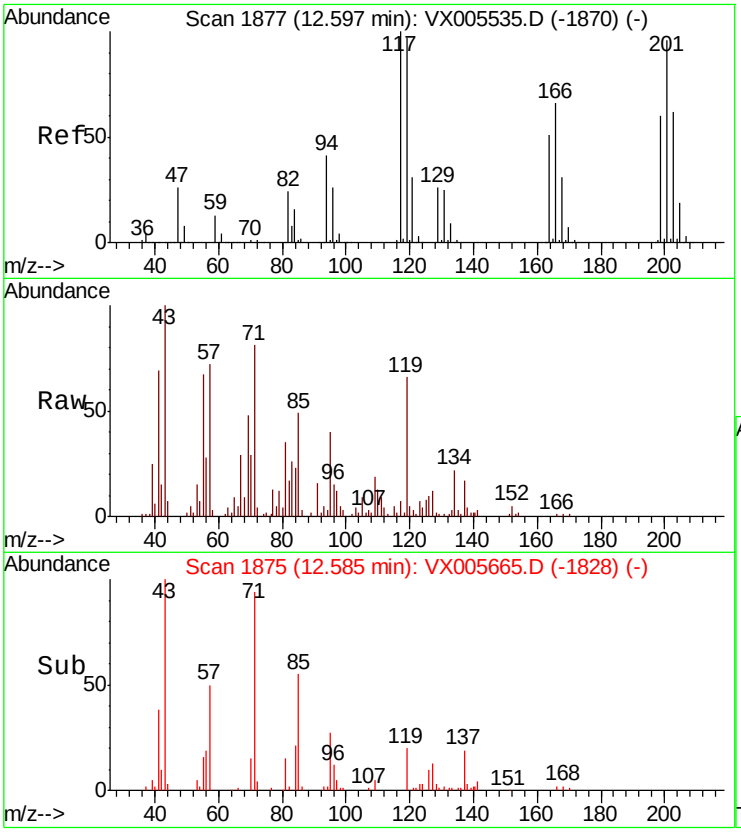


#89
n-Butylbenzene
Concen: 0.442 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion: 91 Resp: 3794

Ion	Ratio	Lower	Upper
91	100		
92	24.2	26.1	78.2#
134	96.0	13.1	39.3#



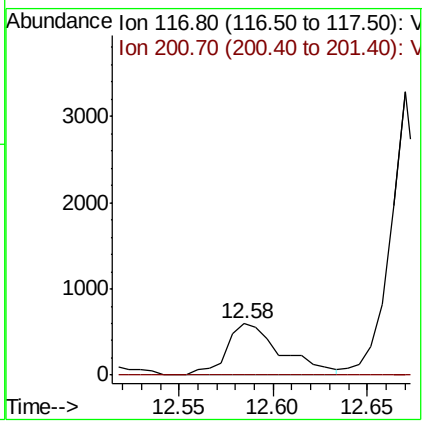


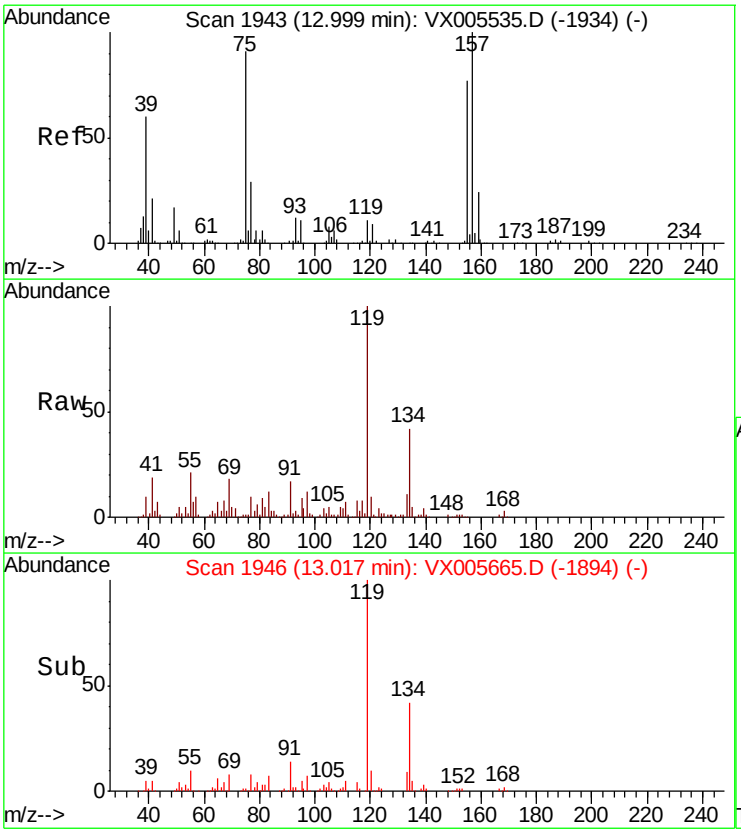
#90
Hexachloroethane
Concen: 0.737 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:117 Resp: 1208

Ion	Ratio	Lower	Upper
117	100		
201	0.0	47.9	143.6#

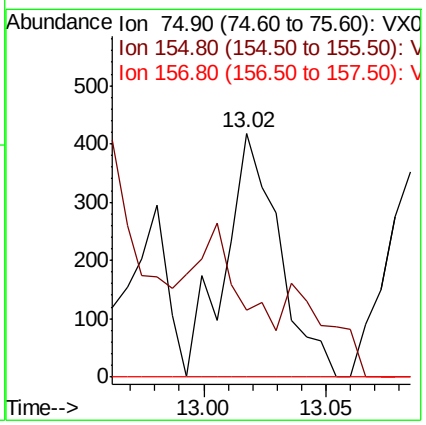


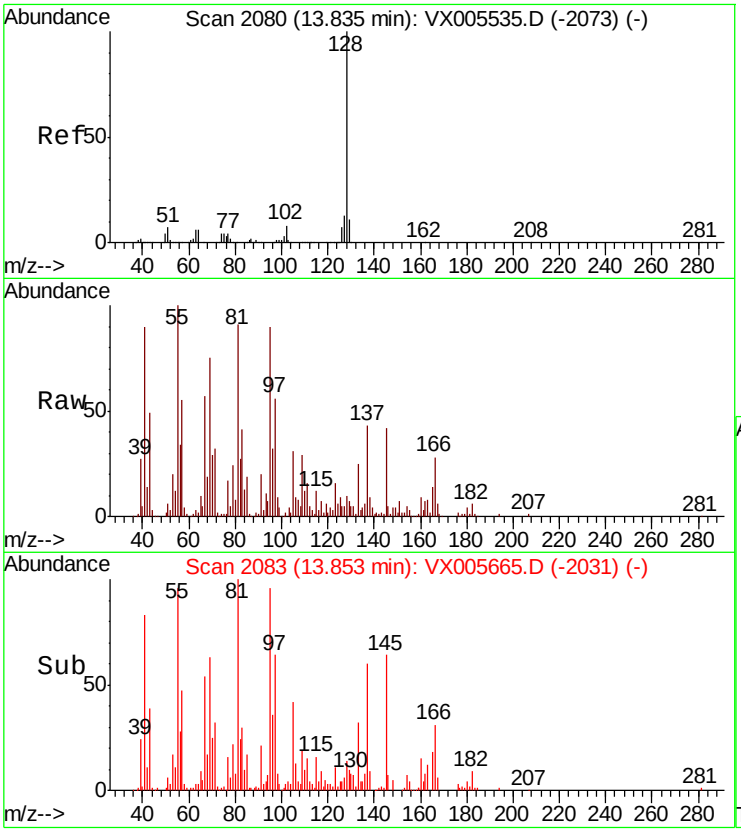


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.688 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion: 75 Resp: 641

Ion	Ratio	Lower	Upper
75	100		
155	32.6	45.4	136.1#
157	0.0	57.4	172.0#



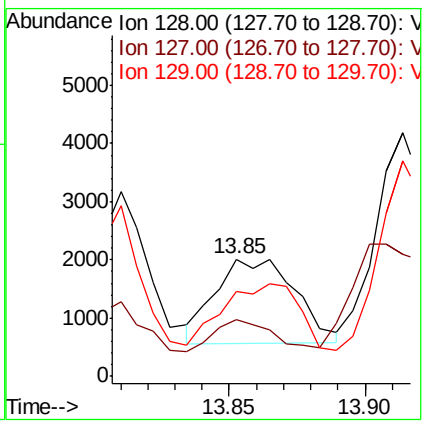


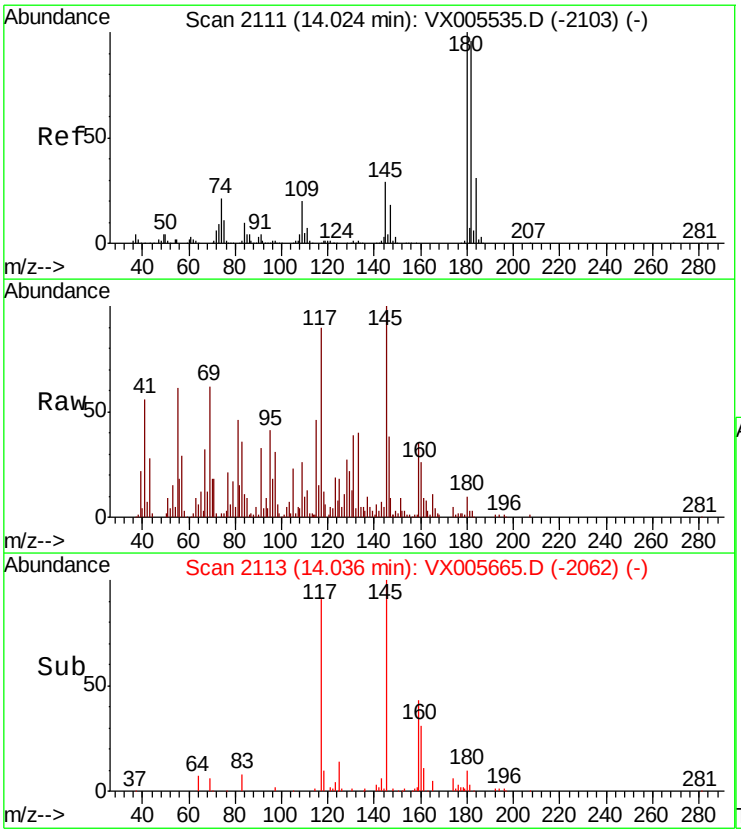
#95
Naphthalene
Concen: 0.251 ug/l
RT: 13.85 min Scan# 2083
Delta R.T. 0.02 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Instrument : MSVOA_X
ClientSampleId : TRENCH-02-BASE

Tgt Ion:128 Resp: 2935

Ion	Ratio	Lower	Upper
128	100		
127	38.6	10.4	15.6#
129	75.7	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.679 ug/l
RT: 14.04 min Scan# 2113
Delta R.T. 0.01 min
Lab File: VX005665.D
Acq: 29 Oct 2018 17:24

Tgt Ion:180 Resp: 2764

Ion	Ratio	Lower	Upper
180	100		
182	12.7	48.0	144.2#
145	882.8	15.1	45.3#