Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF091918\
Data File : VF060288.D
Acq On : 19 Sep 2018 19:31
Operator : VA/AP
Sample : J4993-04RE
Misc : 5.18/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Quant Time: Sep 20 04:14:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.03	168	9046	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.76	114	12334	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.91	117	3937	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	957	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.00	65	2825	23.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 46.38%				
35) Dibromofluoromethane	4.27	113	4226	38.44	ug/l		-0.02
Spiked Amount 50.000			Recovery = 76.88%				
50) Toluene-d8	7.70	98	7167	25.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 50.06%				
62) 4-Bromofluorobenzene	11.49	95	2202	17.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 35.58%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.00	85	418	Below Cal		#	40
3) Chloromethane	1.14	50	273	2.21	ug/l	#	42
6) Chloroethane	1.37	64	82	1.37	ug/l	#	42
8) Diethyl Ether	1.76	74	92	2.36	ug/l		79
11) Tert butyl alcohol	2.66	59	182	10.78	ug/l	#	1
12) 1,1-Dichloroethene	1.86	96	263	2.55	ug/l	#	1
13) Acrolein	2.09	56	1114	519.13	ug/l	#	67
14) Allyl chloride	2.20	41	414	2.30	ug/l	#	41
15) Acrylonitrile	3.06	53	869	50.51	ug/l	#	65
16) Acetone	2.33	43	5203	151.68	ug/l		98
17) Carbon Disulfide	1.84	76	1095	Below Cal		#	70
18) Methyl Acetate	2.40	43	1256	21.98	ug/l	#	62
19) Methyl tert-butyl Ether	2.53	73	268	1.04	ug/l	#	4
20) Methylene Chloride	2.29	84	1774	13.76	ug/l	#	35
21) trans-1,2-Dichloroethene	2.40	96	110	1.03	ug/l	#	1
22) Diisopropyl ether	2.88	45	706	2.08	ug/l	#	1
23) Vinyl Acetate	3.29	43	202	1.52	ug/l	#	79
25) 2-Butanone	4.35	43	581	12.58	ug/l		100
29) Tetrahydrofuran	4.21	42	688	40.69	ug/l	#	52
31) Cyclohexane	3.83	56	649	3.50	ug/l	#	22
32) 1,1,1-Trichloroethane	4.28	97	314	1.50	ug/l	#	36
36) 1,1-Dichloropropene	4.50	75	206	1.34	ug/l	#	41
37) Ethyl Acetate	4.26	43	834	12.81	ug/l	#	1
39) Methylcyclohexane	5.61	83	1028	6.17	ug/l	#	69
41) Methacrylonitrile	4.90	41	452	12.80	ug/l	#	38
42) 1,2-Dichloroethane	5.24	62	149	1.16	ug/l		79
43) Isopropyl Acetate	7.09	43	4812	61.40	ug/l	#	85
46) Dibromomethane	6.28	93	119	1.84	ug/l	#	5
47) Bromodichloromethane	6.54	83	483	3.11	ug/l	#	26
48) Methyl methacrylate	6.85	41	2200	39.99	ug/l	#	70
49) 1,4-Dioxane	6.85	88	446	907.46	ug/l	#	46
51) 4-Methyl-2-Pentanone	8.39	43	11003	182.16	ug/l		96
52) Toluene	7.77	92	1211	5.49	ug/l	#	74
53) t-1,3-Dichloropropene	8.43	75	143	1.14	ug/l	#	42

Quantitation Report (Not Reviewed)

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Data File : VF060288.D
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Operator : VA/AP
Sample : J4993-04RE
Misc : 5.18/5mL/MSVOA F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Quant Time: Sep 20 04:14:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) cis-1,3-Dichloropropene	7.45	75	221	1.40	ug/l	#	1
55) 1,1,2-Trichloroethane	8.63	97	275	4.11	ug/l	#	17
56) Ethyl methacrylate	8.75	69	5244	64.82	ug/l	#	84
57) 1,3-Dichloropropane	8.98	76	121	1.09	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	7.77	63	327	45.72	ug/l		100
59) 2-Hexanone	9.62	43	8832	205.36	ug/l		95
61) 1,2-Dibromoethane	9.14	107	170	2.28	ug/l	#	75
64) Tetrachloroethene	8.32	164	98	2.75	ug/l	#	1
65) Chlorobenzene	9.94	112	388	4.35	ug/l	#	41
66) 1,1,1,2-Tetrachloroethane	10.00	131	64	1.73	ug/l	#	27
67) Ethyl Benzene	10.02	91	1557	9.44	ug/l	#	46
68) m/p-Xylenes	10.25	106	667	11.70	ug/l		85
69) o-Xylene	10.82	106	159	2.49	ug/l		74
70) Styrene	10.89	104	2052	22.76	ug/l		92
71) Bromoform	10.86	173	86	4.23	ug/l	#	31
73) Isopropylbenzene	11.21	105	772	8.99	ug/l		94
74) N-amyl acetate	11.45	43	4517	246.56	ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	11.80	83	406	26.67	ug/l	#	76
76) 1,2,3-Trichloropropane	11.88	75	274	25.13	ug/l	#	1
77) Bromobenzene	11.59	156	307	16.58	ug/l	#	49
78) n-propylbenzene	11.68	91	2081	19.48	ug/l		82
79) 2-Chlorotoluene	11.80	91	1017	17.55	ug/l	#	42
80) 1,3,5-Trimethylbenzene	11.92	105	1365	19.74	ug/l		94
81) trans-1,4-Dichloro-2-buten	11.95	75	405	70.30	ug/l		99
82) 4-Chlorotoluene	11.99	91	2209	37.92	ug/l		92
83) tert-Butylbenzene	12.21	119	202	2.88	ug/l	#	1
84) 1,2,4-Trimethylbenzene	12.28	105	1733	24.68	ug/l		74
85) sec-Butylbenzene	12.38	105	1373	10.16	ug/l		98
86) p-Isopropyltoluene	12.53	119	1156	11.65	ug/l		94
87) 1,3-Dichlorobenzene	12.56	146	574	16.59	ug/l	#	68
88) 1,4-Dichlorobenzene	12.64	146	567	16.58	ug/l	#	64
89) n-Butylbenzene	12.91	91	2951	38.75	ug/l	#	65
90) Hexachloroethane	12.98	117	63	3.21	ug/l	#	22
91) 1,2-Dichlorobenzene	13.01	146	711	21.54	ug/l	#	58
92) 1,2-Dibromo-3-Chloropropan	13.69	75	342	119.64	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.26	180	190	7.92	ug/l	#	64
94) Hexachlorobutadiene	14.26	225	60	3.70	ug/l	#	19
95) Naphthalene	14.50	128	1431	34.02	ug/l	#	67
96) 1,2,3-Trichlorobenzene	14.67	180	299	13.49	ug/l	#	81

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

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Operator : VA/AP
Sample : J4993-04RE
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Instrument :
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ClientSampleId :
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Quant Time: Sep 20 04:14:51 2018
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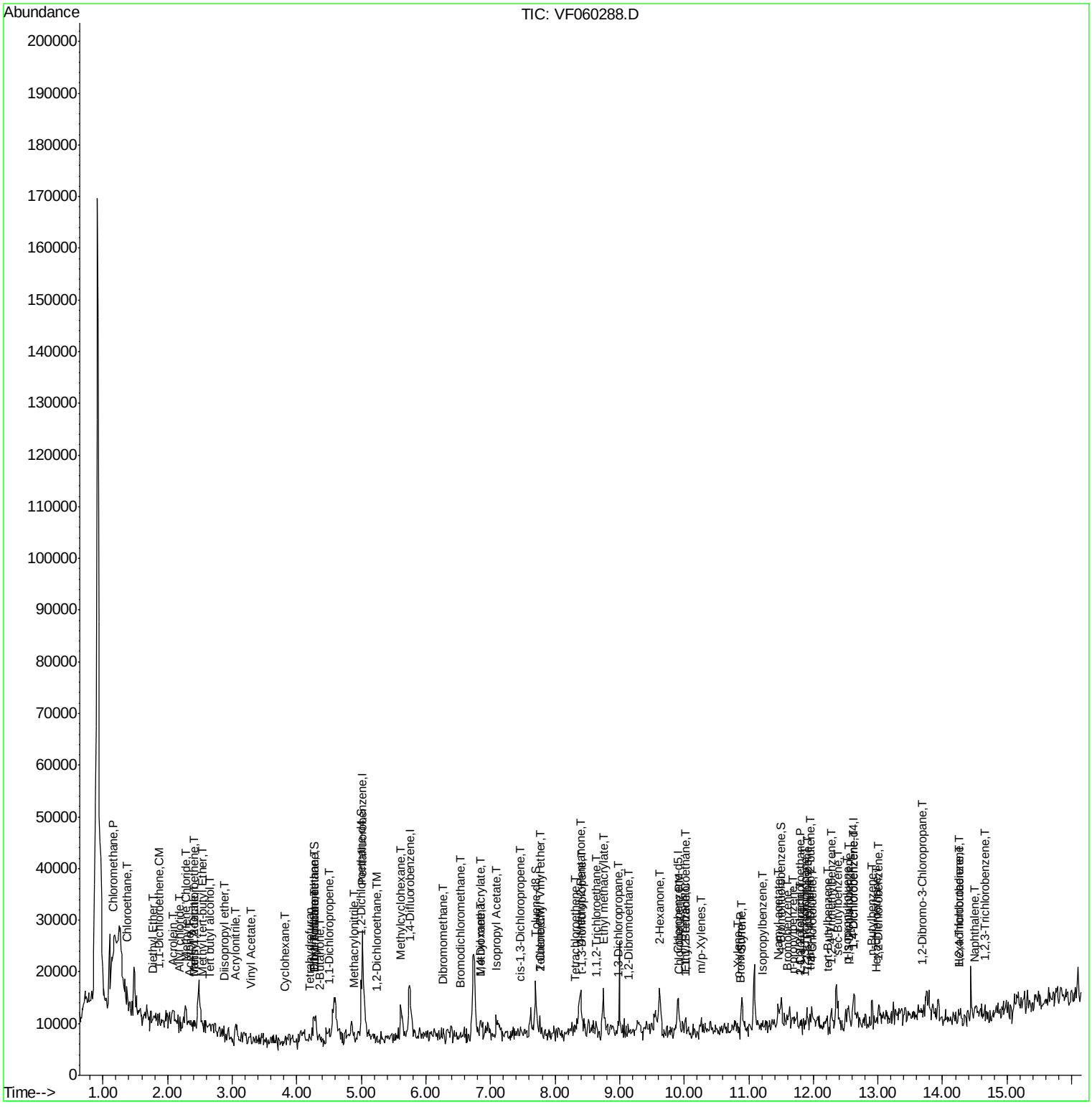
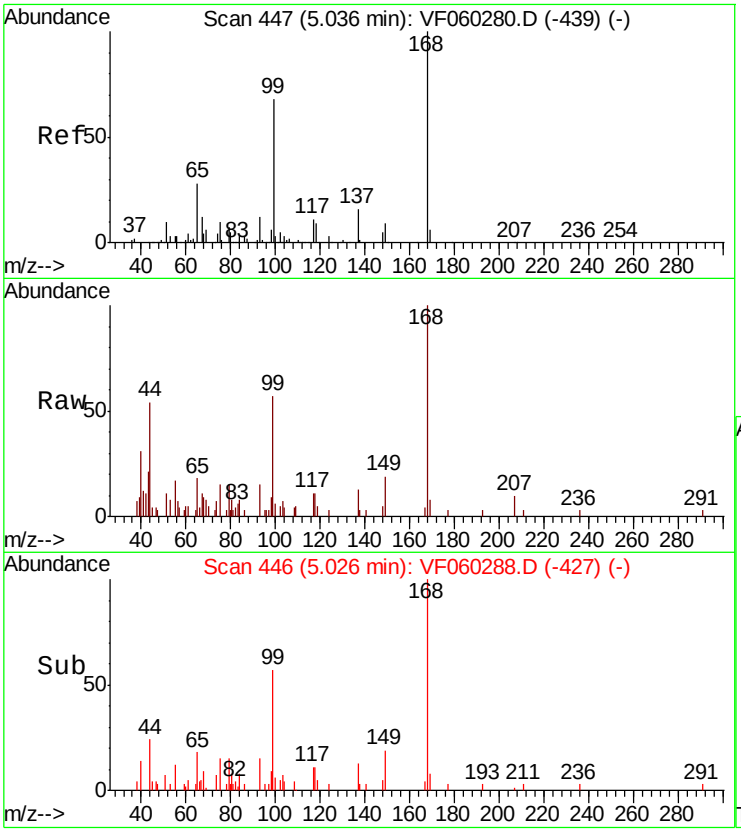
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration



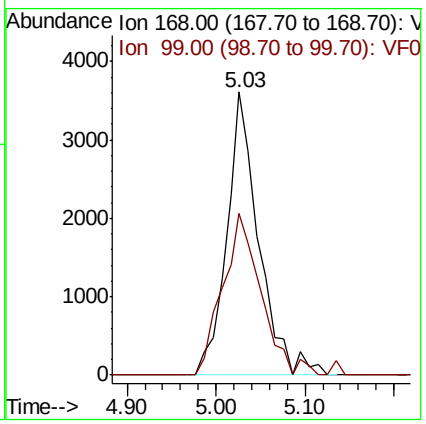


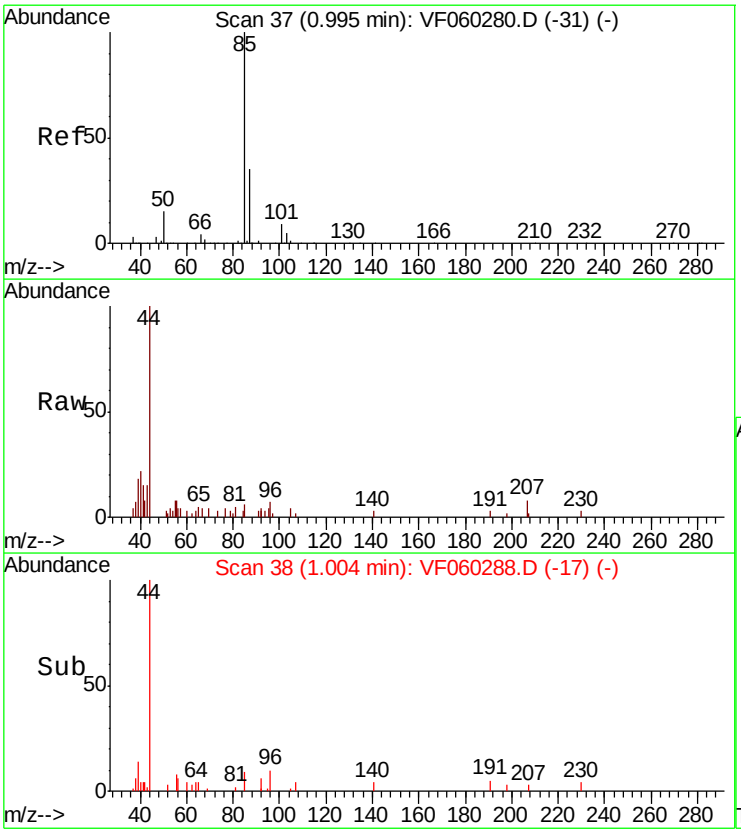
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.03 min Scan# 446
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion:168 Resp: 9046

Ion	Ratio	Lower	Upper
168	100		
99	57.2	54.8	82.2

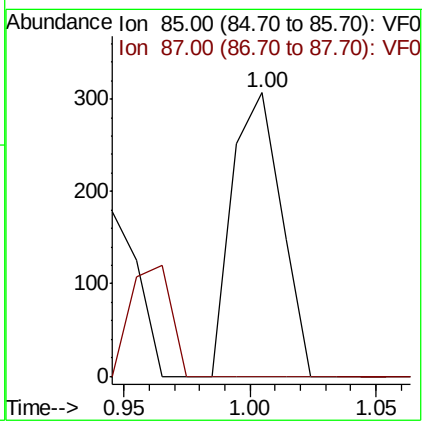


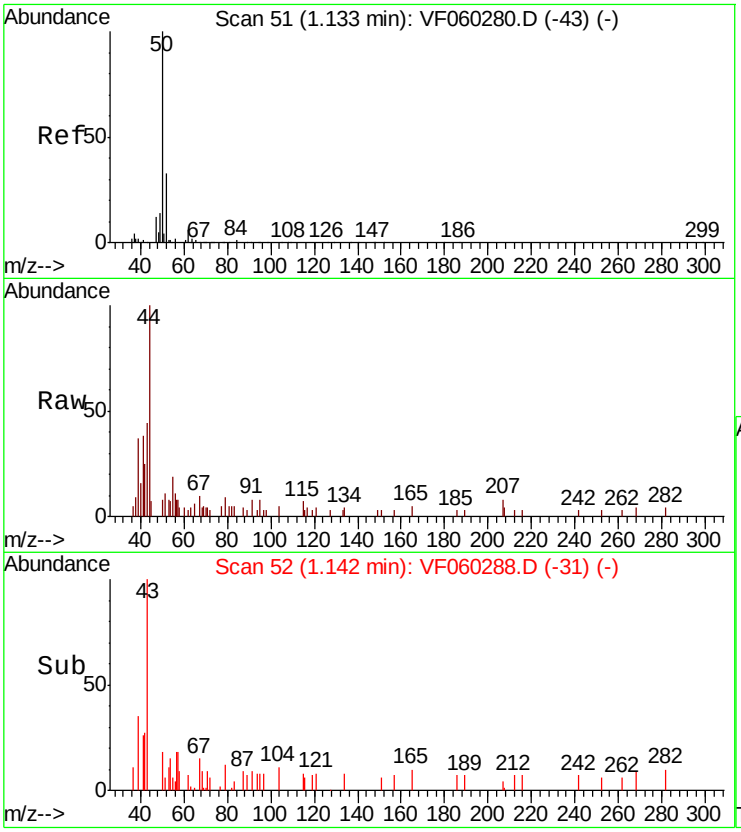


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.00 min Scan# 38
Delta R.T. 0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 85 Resp: 418

Ion	Ratio	Lower	Upper
85	100		
87	0.0	17.3	52.0#



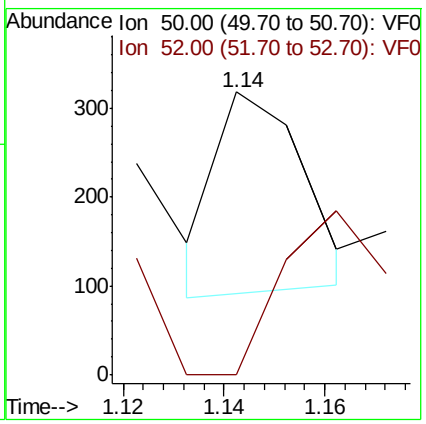


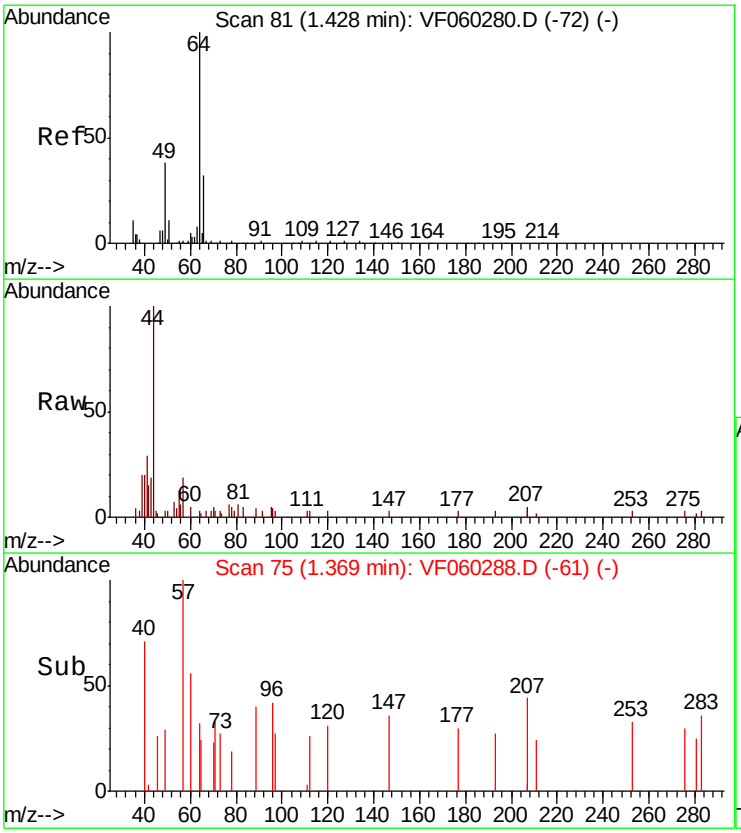
#3
Chloromethane
Concen: 2.21 ug/l
RT: 1.14 min Scan# 52
Delta R.T. 0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion: 50 Resp: 273

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.5	39.7#

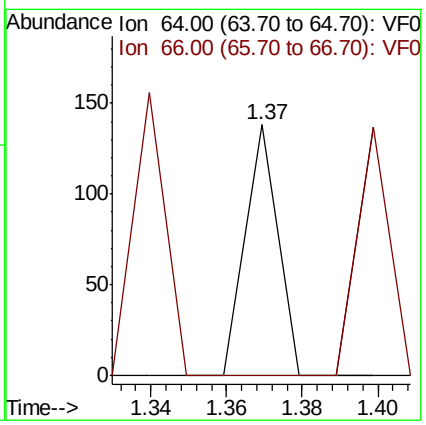


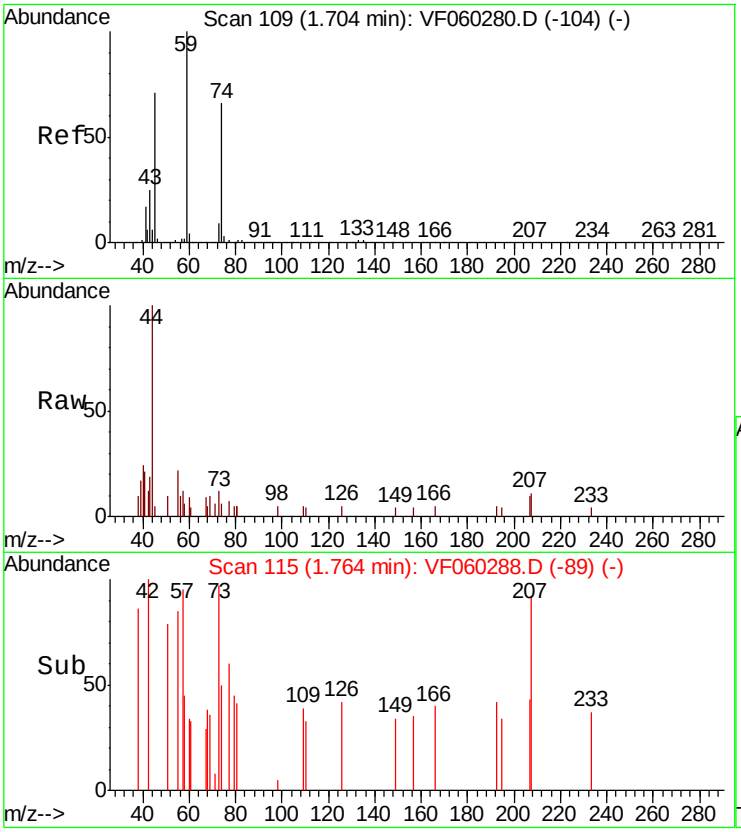


#6
Chloroethane
Concen: 1.37 ug/l
RT: 1.37 min Scan# 75
Delta R.T. -0.06 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 64 Resp: 82

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.2	39.2#



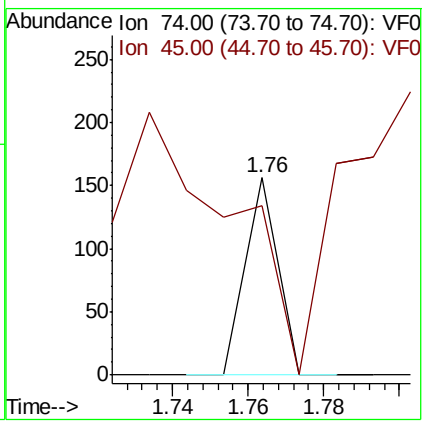


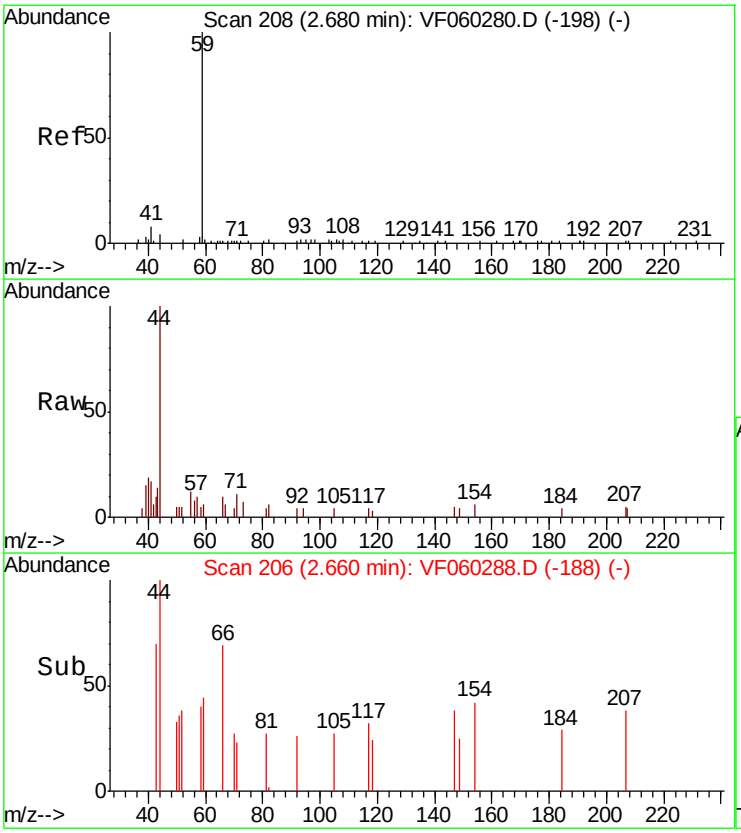
#8
Diethyl Ether
Concen: 2.36 ug/l
RT: 1.76 min Scan# 115
Delta R.T. 0.06 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 74 Resp: 92

Ion	Ratio	Lower	Upper
74	100		
45	85.9	53.9	161.7

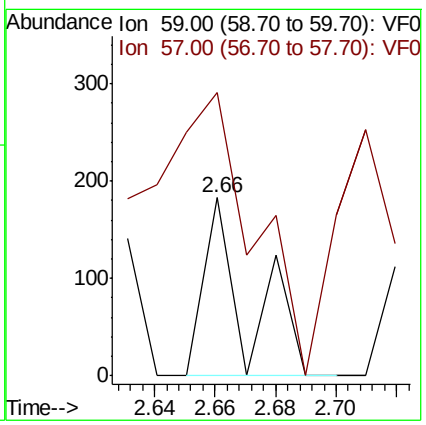


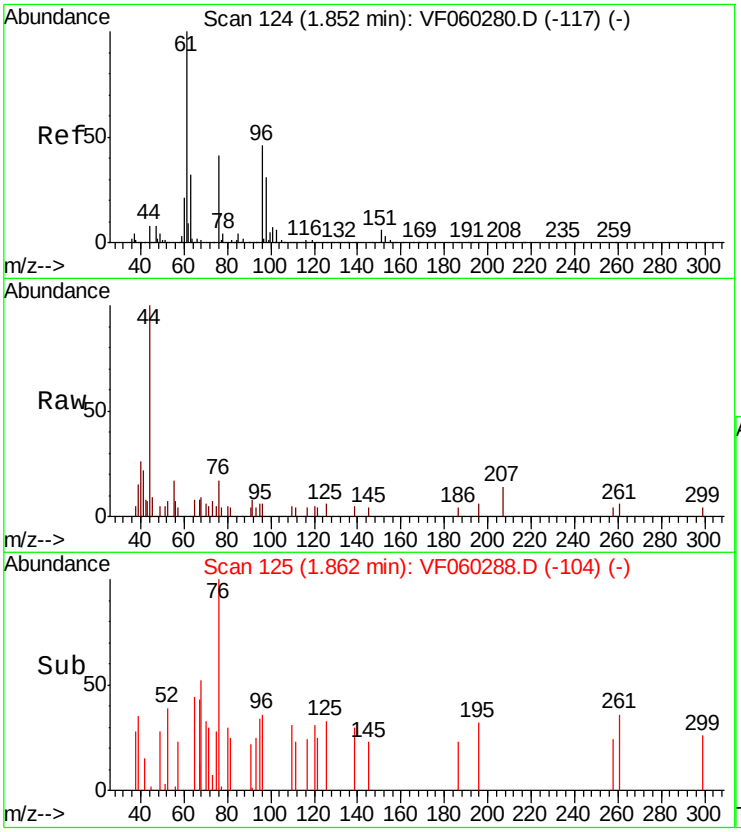


#11
Tert butyl alcohol
Concen: 10.78 ug/l
RT: 2.66 min Scan# 206
Delta R.T. -0.02 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 59 Resp: 182

Ion	Ratio	Lower	Upper
59	100		
57	159.0	12.4	18.6#



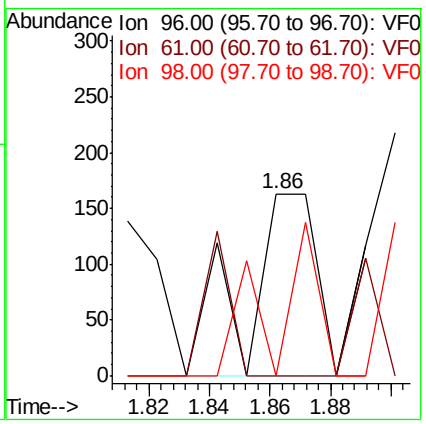


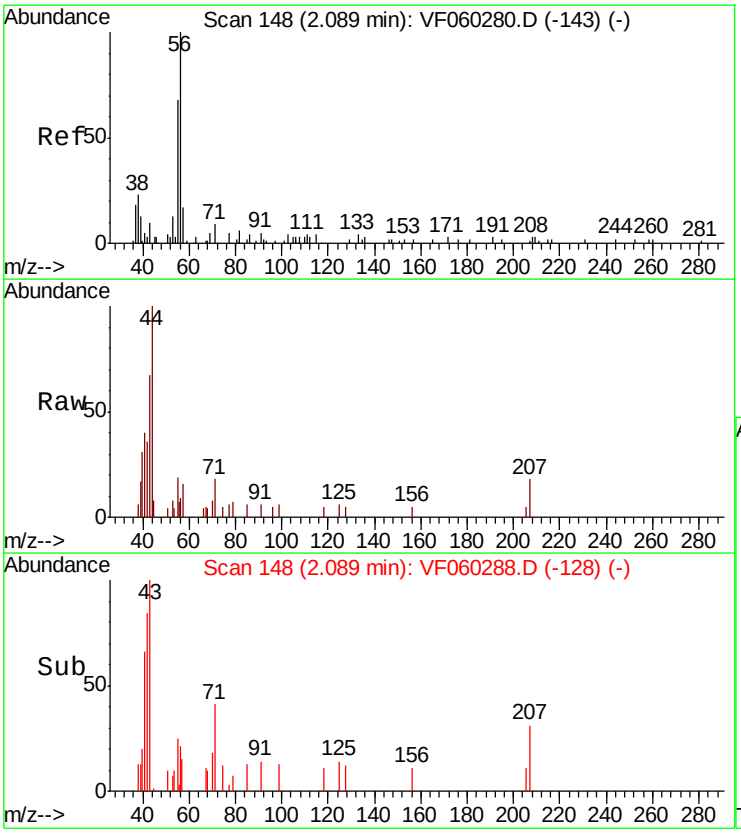
#12
1,1-Dichloroethene
Concen: 2.55 ug/l
RT: 1.86 min Scan# 125
Delta R.T. 0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 96 Resp: 263

Ion	Ratio	Lower	Upper
96	100		
61	0.0	172.2	258.2#
98	0.0	54.1	81.1#

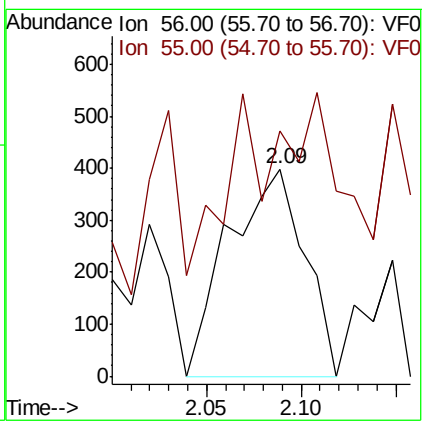


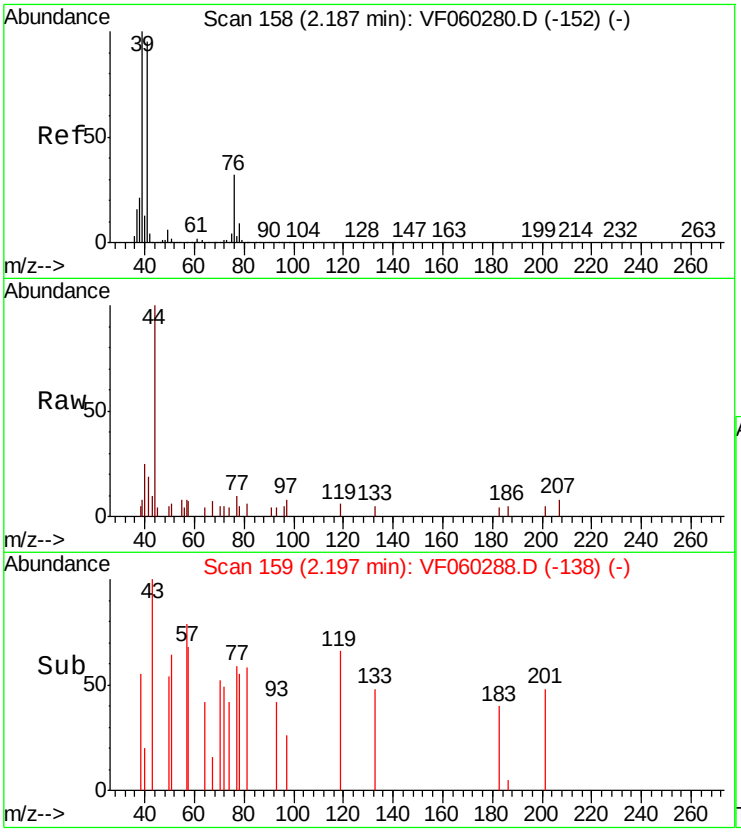


#13
Acrolein
Concen: 519.13 ug/l
RT: 2.09 min Scan# 148
Delta R.T. 0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 56 Resp: 1114

Ion	Ratio	Lower	Upper
56	100		
55	118.0	69.9	104.9#



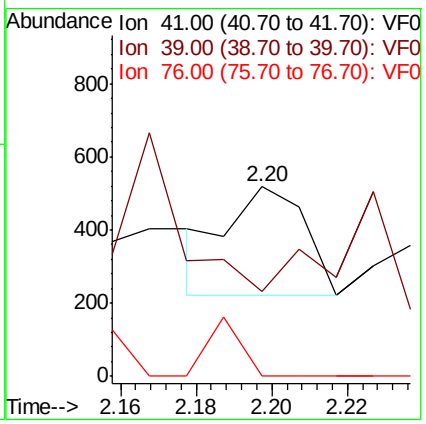


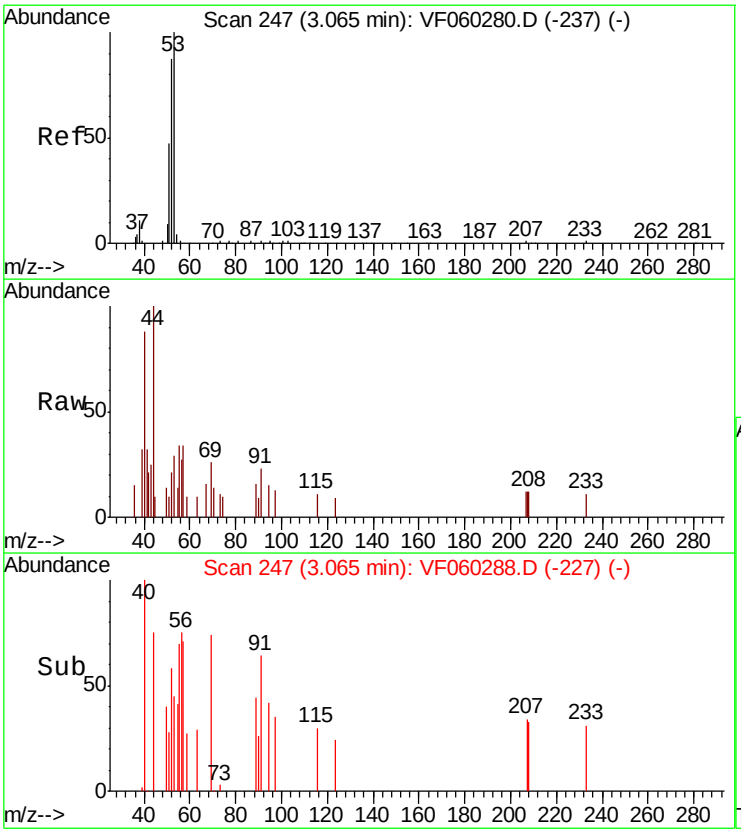
#14
Allyl chloride
Concen: 2.30 ug/l
RT: 2.20 min Scan# 159
Delta R.T. 0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 41 Resp: 414

Ion	Ratio	Lower	Upper
41	100		
39	44.6	84.8	127.2#
76	0.0	27.4	41.2#

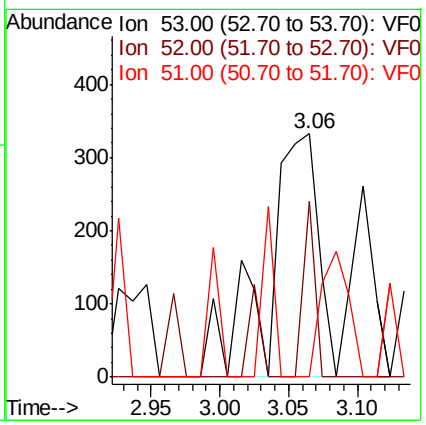


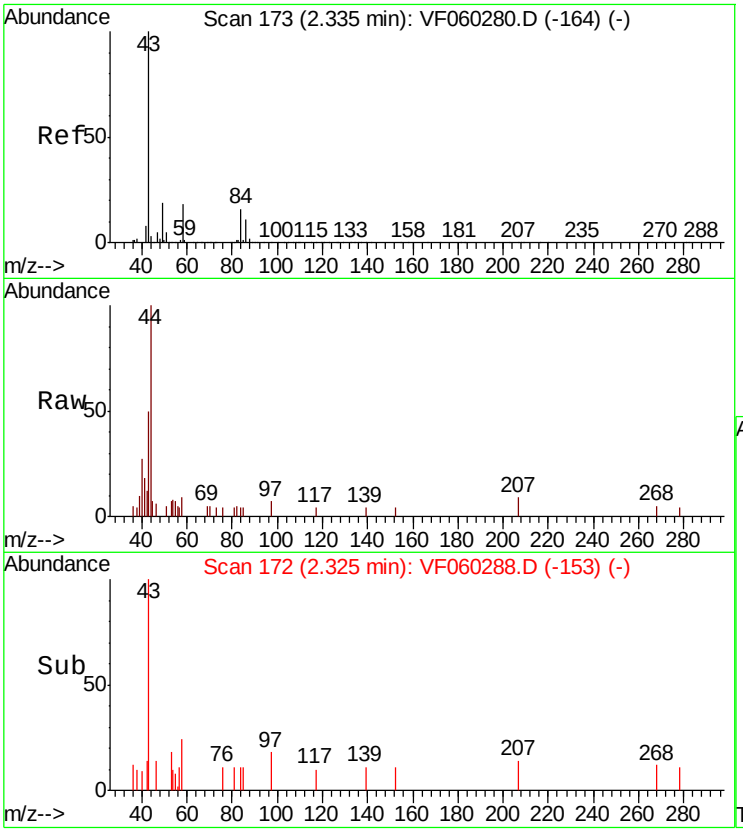


#15
Acrylonitrile
Concen: 50.51 ug/l
RT: 3.06 min Scan# 247
Delta R.T. -0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 53 Resp: 869

Ion	Ratio	Lower	Upper
53	100		
52	72.1	69.5	104.3
51	0.0	38.1	57.1#



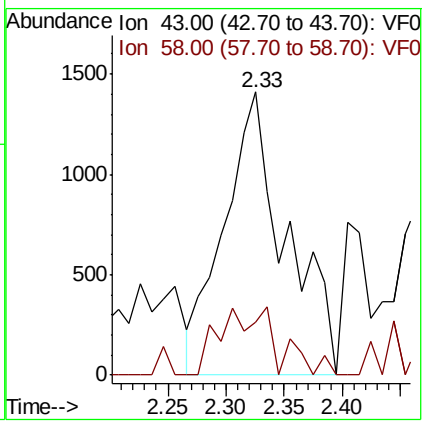


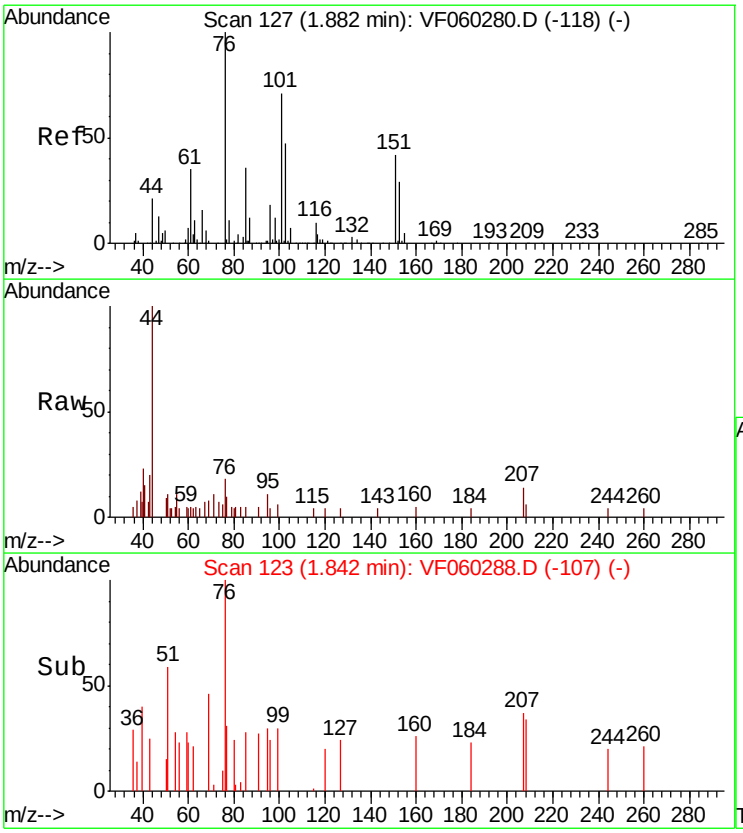
#16
Acetone
Concen: 151.68 ug/l
RT: 2.33 min Scan# 172
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion: 43 Resp: 5203

Ion	Ratio	Lower	Upper
43	100		
58	18.9	14.5	21.7

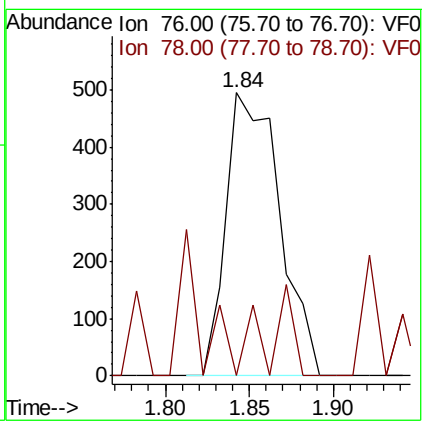


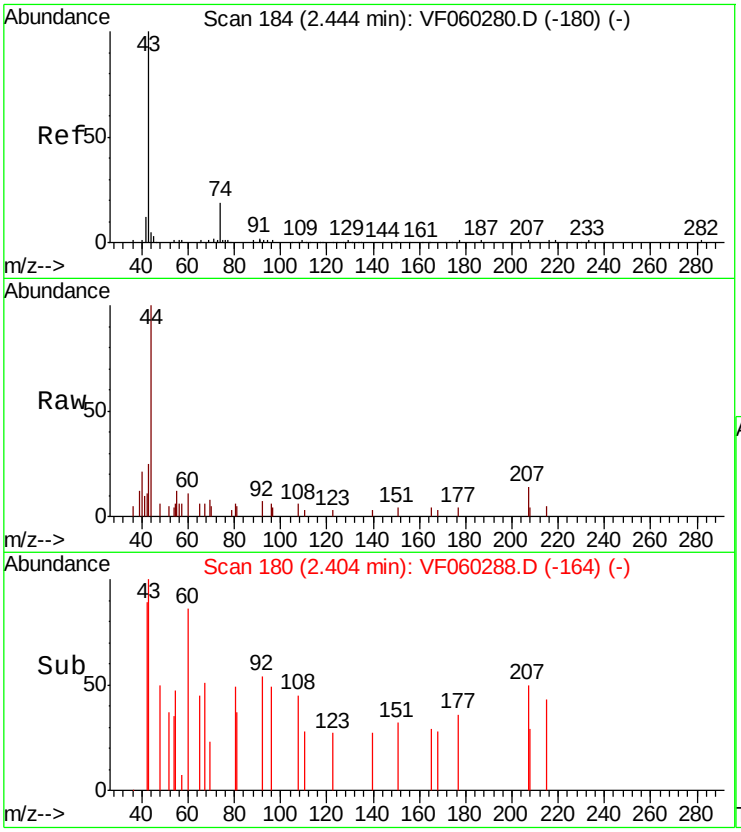


#17
Carbon Disulfide
Concen: Below Cal
RT: 1.84 min Scan# 123
Delta R.T. -0.04 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 76 Resp: 1095

Ion	Ratio	Lower	Upper
76	100		
78	0.0	9.4	14.0#



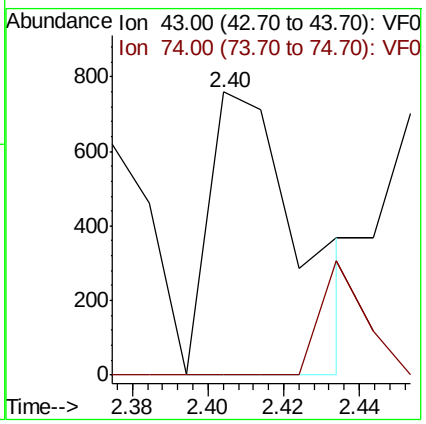


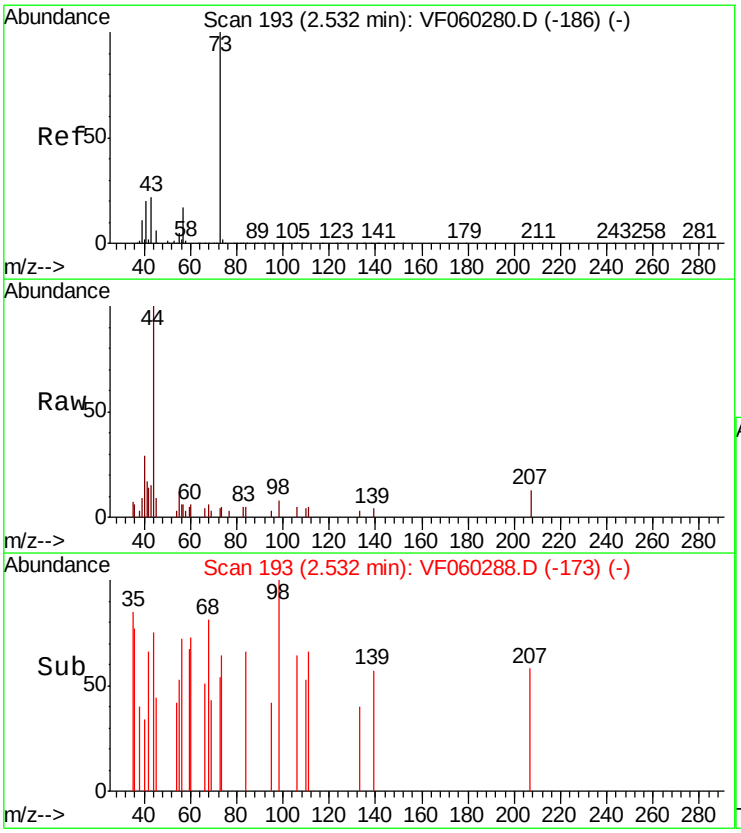
#18
Methyl Acetate
Concen: 21.98 ug/l
RT: 2.40 min Scan# 180
Delta R.T. -0.04 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 43 Resp: 1256

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.7	19.1#

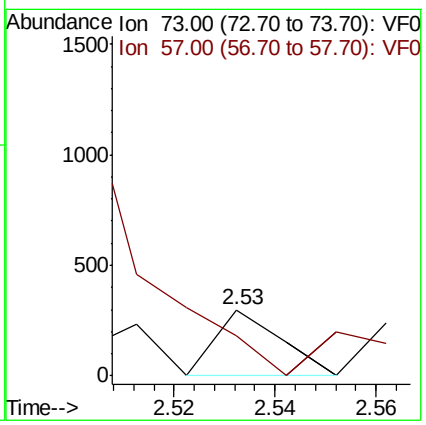


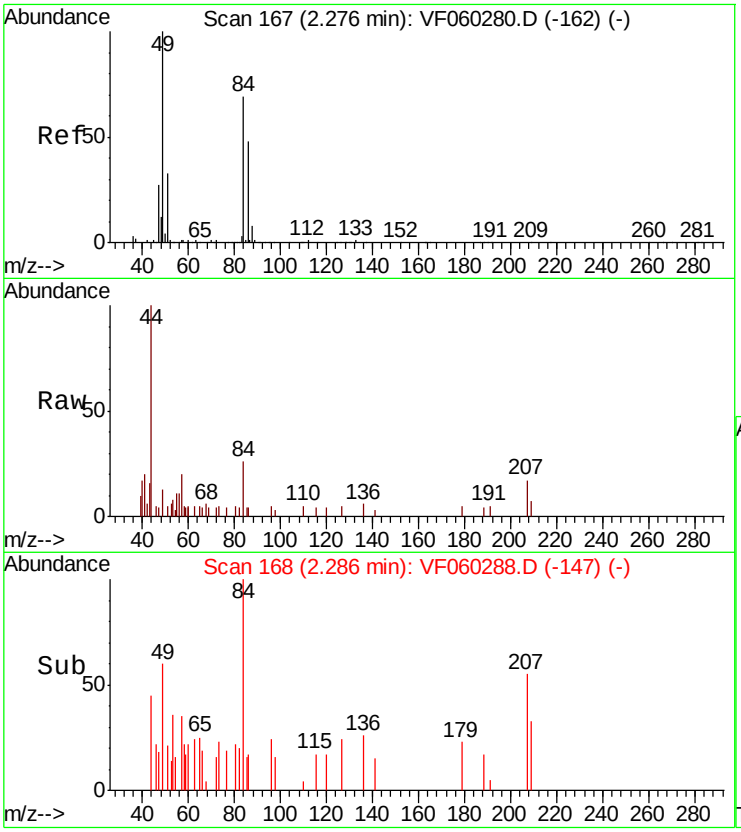


#19
Methyl tert-butyl Ether
Concen: 1.04 ug/l
RT: 2.53 min Scan# 193
Delta R.T. 0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 73 Resp: 268

Ion	Ratio	Lower	Upper
73	100		
57	60.7	14.5	21.7#



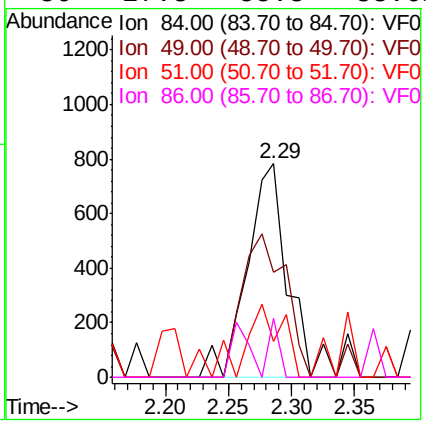


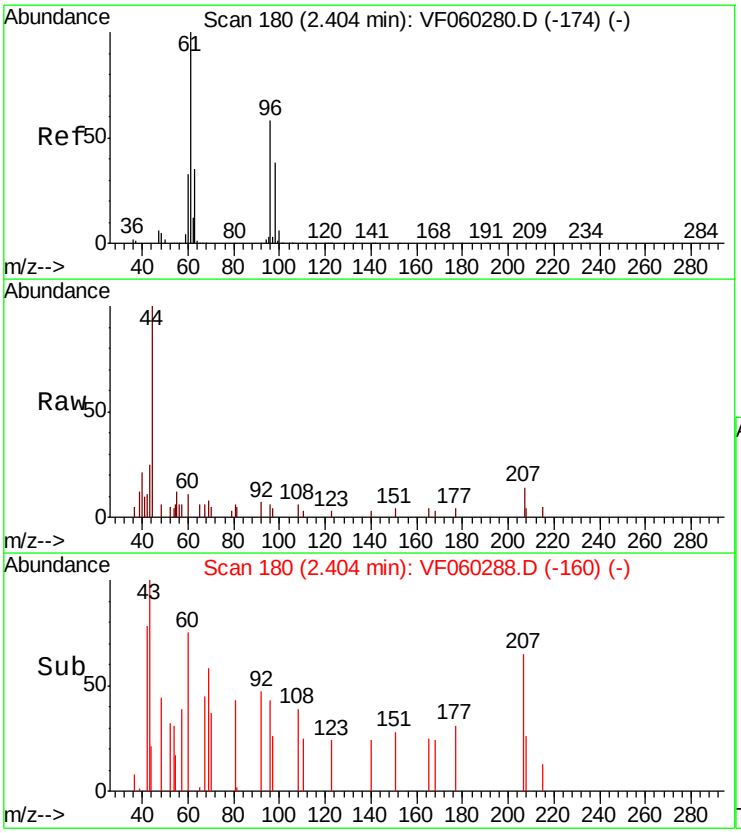
#20
Methylene Chloride
Concen: 13.76 ug/l
RT: 2.29 min Scan# 168
Delta R.T. 0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 84 Resp: 1774

Ion	Ratio	Lower	Upper
84	100		
49	49.3	118.3	177.5#
51	17.1	38.7	58.1#
86	27.8	55.8	83.6#

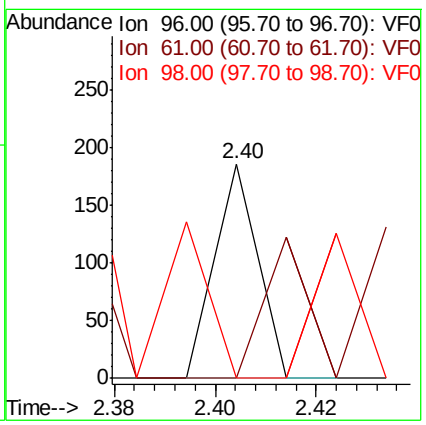


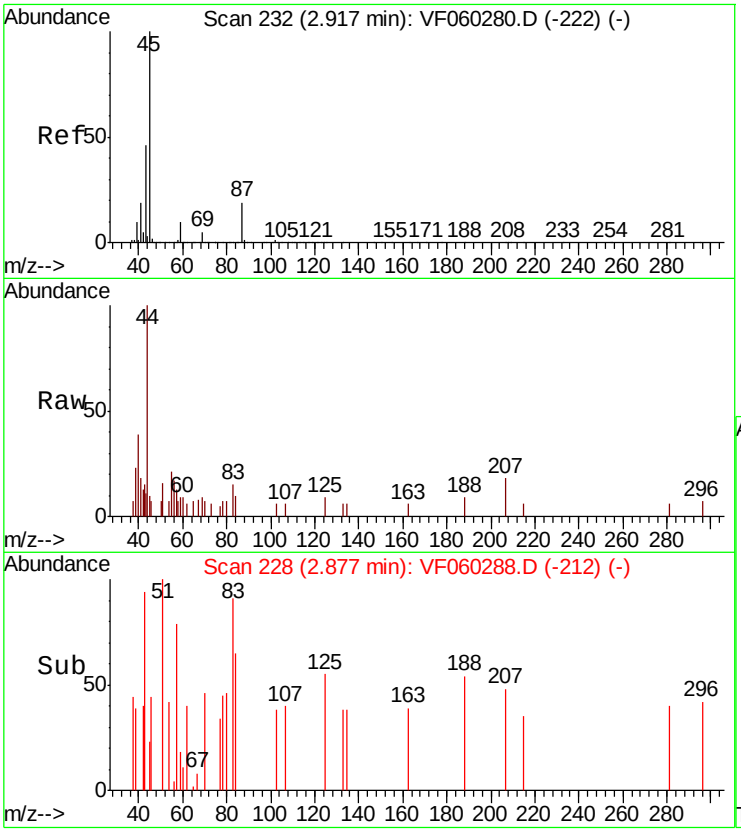


#21
trans-1,2-Dichloroethene
Concen: 1.03 ug/l
RT: 2.40 min Scan# 180
Delta R.T. 0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 96 Resp: 110

Ion	Ratio	Lower	Upper
96	100		
61	0.0	136.4	204.6#
98	0.0	51.8	77.6#



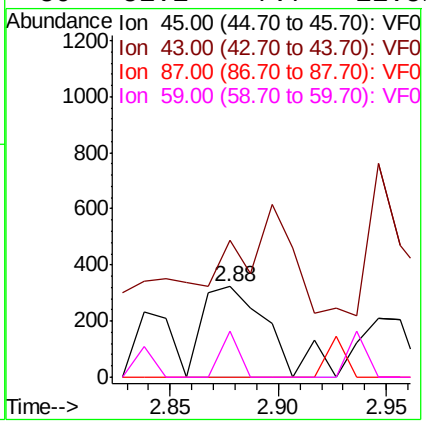


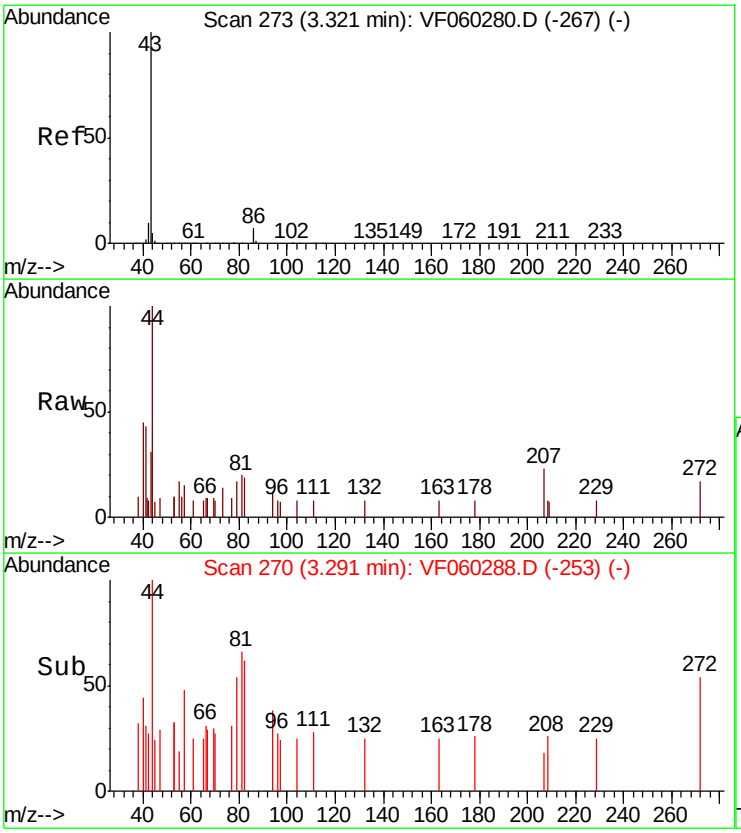
#22
Diisopropyl ether
Concen: 2.08 ug/l
RT: 2.88 min Scan# 228
Delta R.T. -0.04 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 45 Resp: 706

Ion	Ratio	Lower	Upper
45	100		
43	151.7	38.2	57.2#
87	0.0	15.5	23.3#
59	51.1	7.7	11.5#

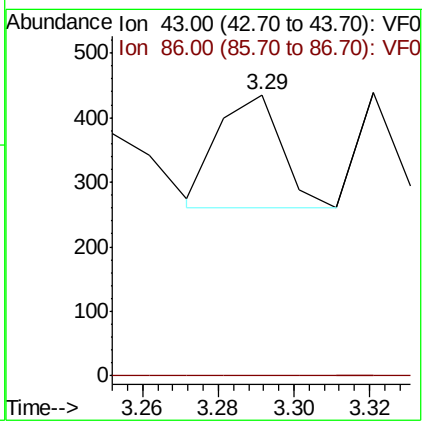


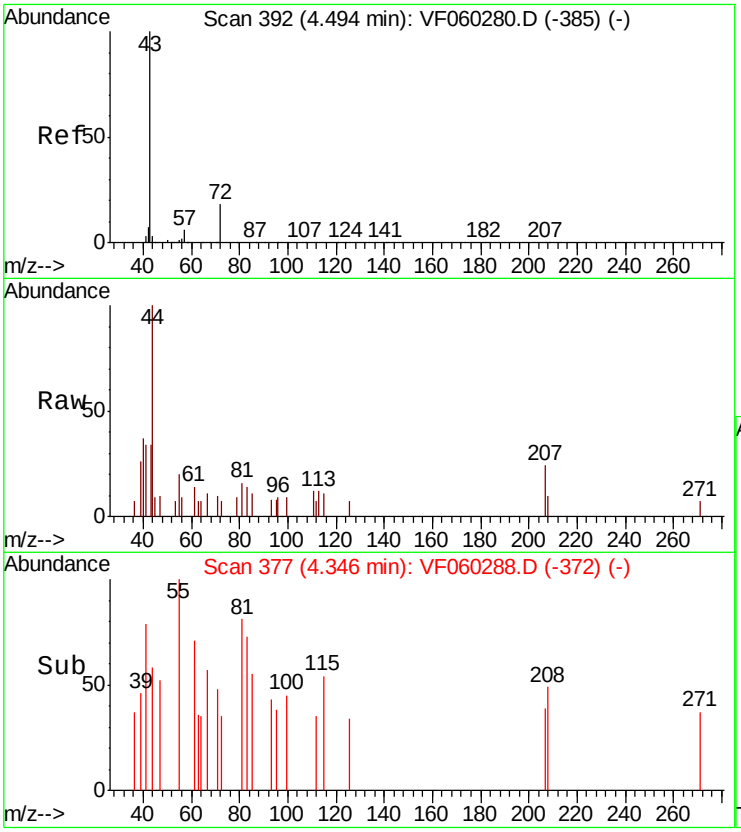


#23
Vinyl Acetate
Concen: 1.52 ug/l
RT: 3.29 min Scan# 270
Delta R.T. -0.03 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 43 Resp: 202

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.9	8.9#



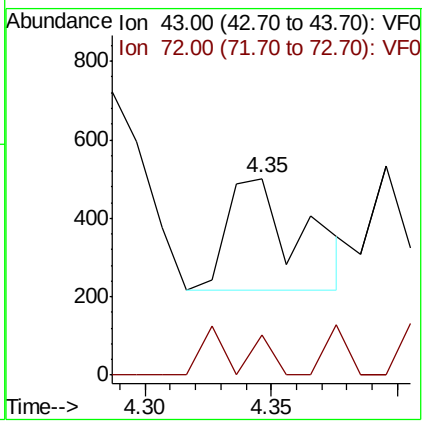


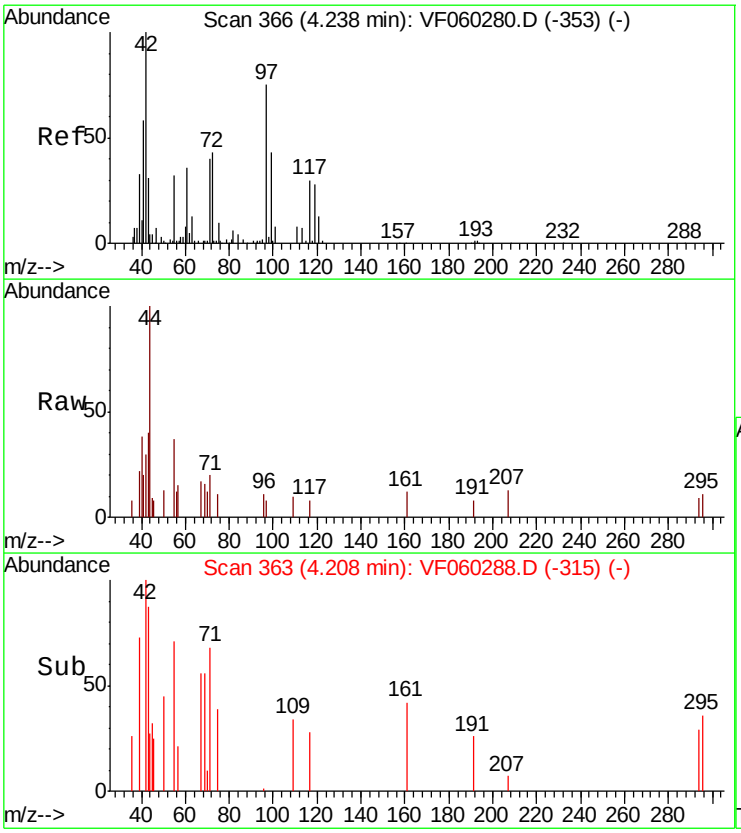
#25
2-Butanone
Concen: 12.58 ug/l
RT: 4.35 min Scan# 377
Delta R.T. -0.15 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 43 Resp: 581

Ion	Ratio	Lower	Upper
43	100		
72	20.3	16.2	24.2

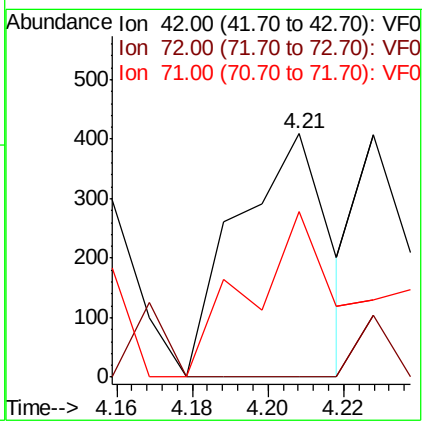


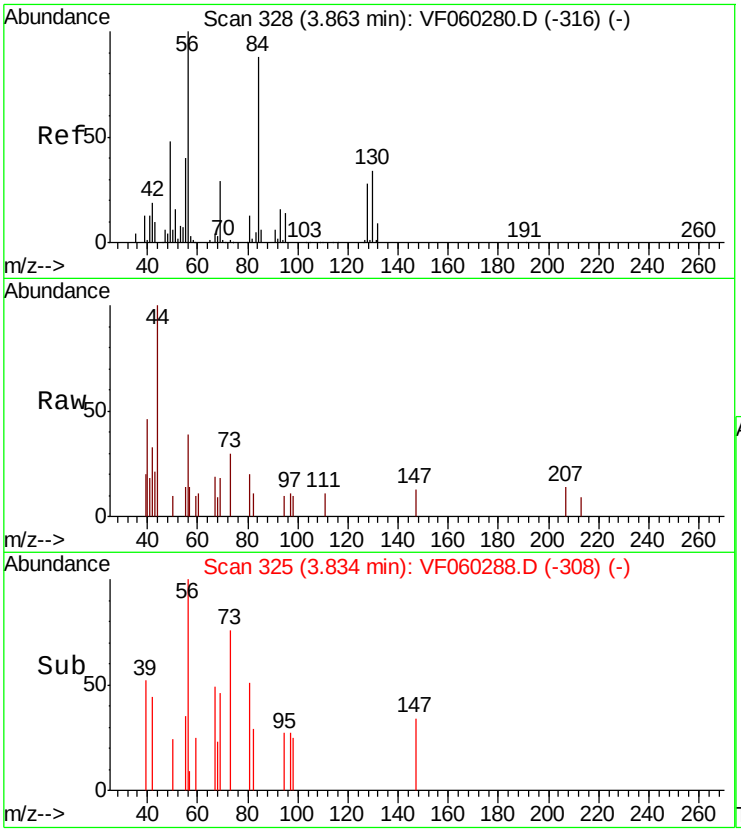


#29
Tetrahydrofuran
Concen: 40.69 ug/l
RT: 4.21 min Scan# 363
Delta R.T. -0.03 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 42 Resp: 688

Ion	Ratio	Lower	Upper
42	100		
72	9.0	32.6	49.0#
71	69.0	32.7	49.1#



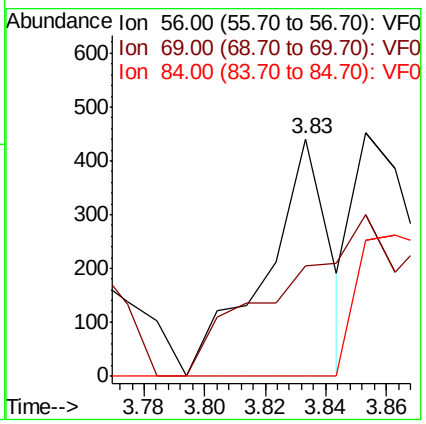


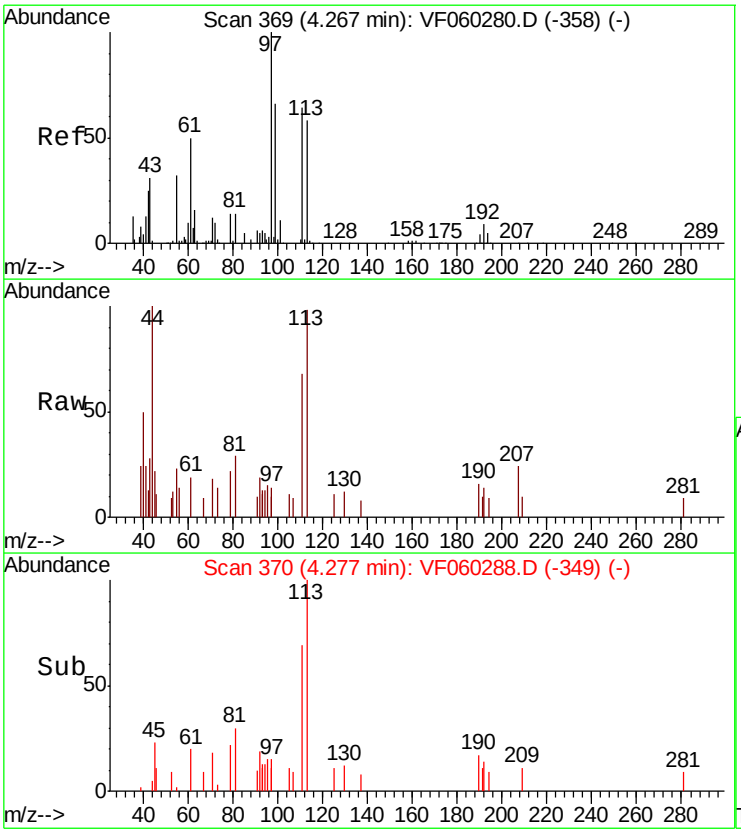
#31
Cyclohexane
Concen: 3.50 ug/l
RT: 3.83 min Scan# 325
Delta R.T. -0.03 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 56 Resp: 649

Ion	Ratio	Lower	Upper
56	100		
69	46.3	23.8	35.6#
84	0.0	70.2	105.4#

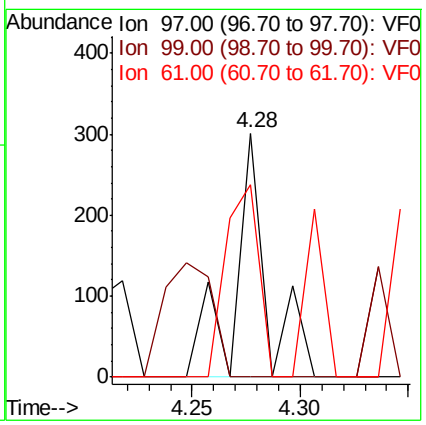


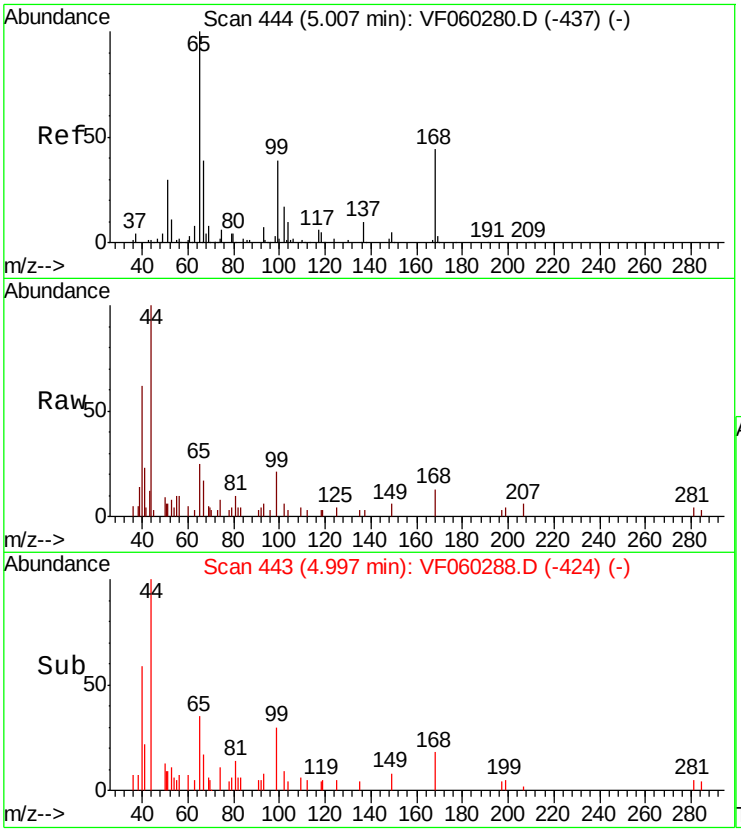


#32
1,1,1-Trichloroethane
Concen: 1.50 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 97 Resp: 314

Ion	Ratio	Lower	Upper
97	100		
99	0.0	53.0	79.4#
61	78.7	40.6	61.0#



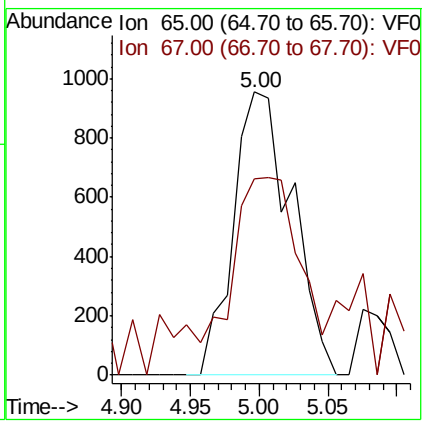


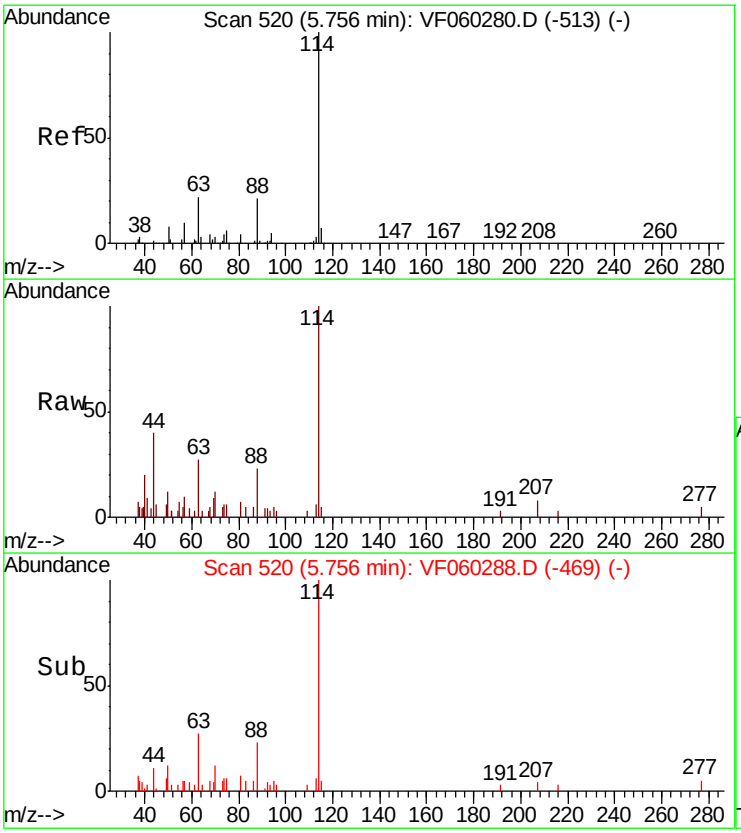
#33
1,2-Dichloroethane-d4
Concen: 23.19 ug/l
RT: 5.00 min Scan# 443
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion: 65 Resp: 2825

Ion	Ratio	Lower	Upper
65	100		
67	69.3	0.0	94.4

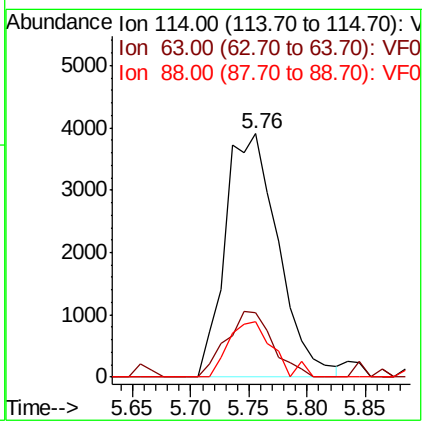


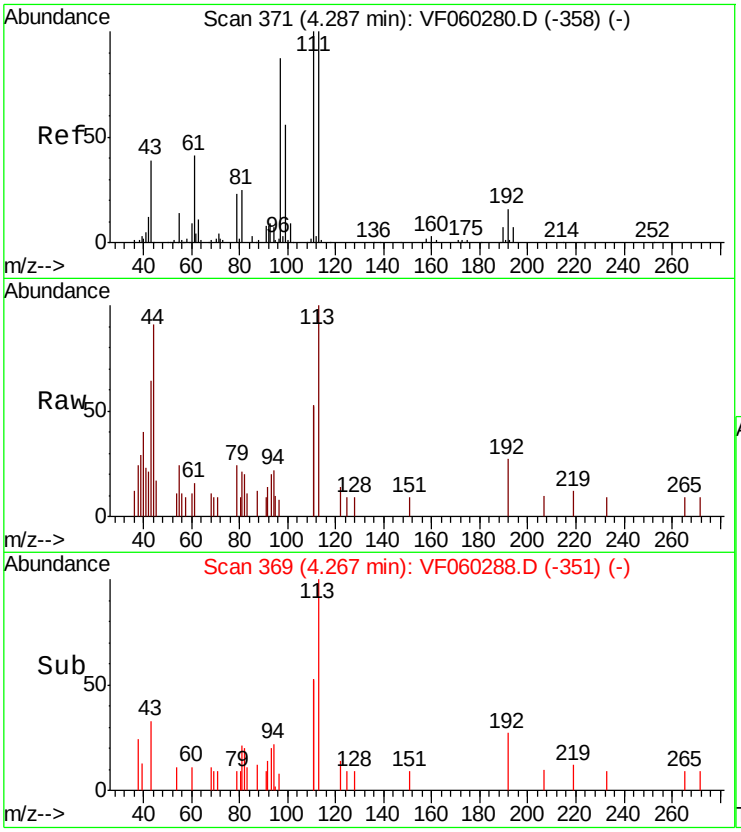


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.76 min Scan# 520
Delta R.T. 0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:114 Resp: 12334

Ion	Ratio	Lower	Upper
114	100		
63	26.7	0.0	43.8
88	22.7	0.0	41.2



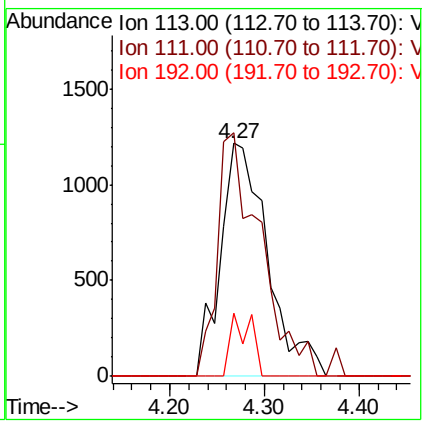


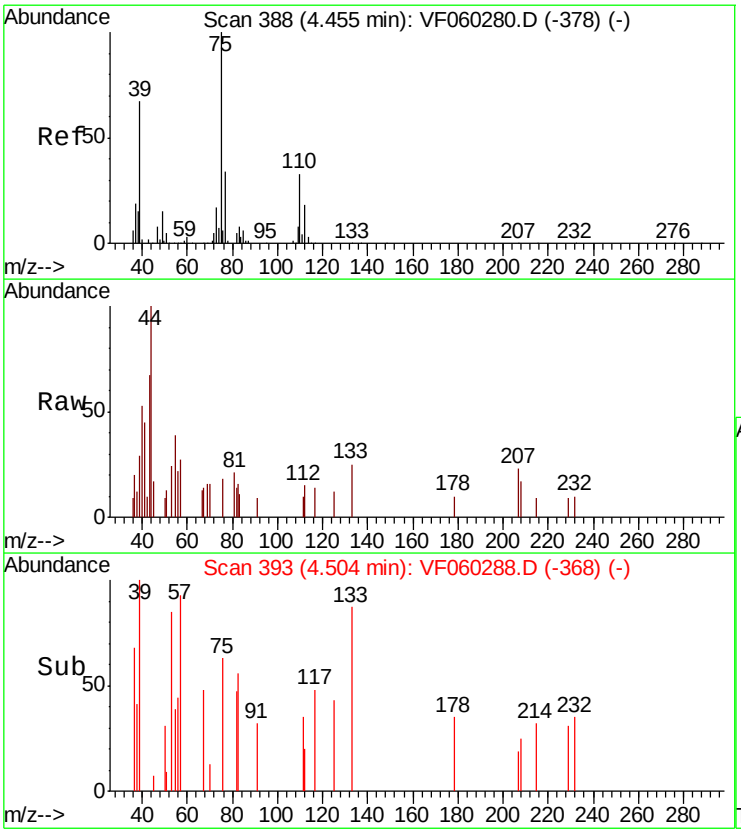
#35
Dibromofluoromethane
Concen: 38.44 ug/l
RT: 4.27 min Scan# 369
Delta R.T. -0.02 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion:113 Resp: 4226

Ion	Ratio	Lower	Upper
113	100		
111	104.4	79.6	119.4
192	27.2	13.0	19.6#

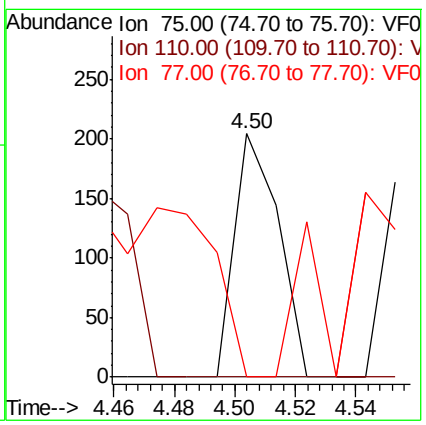


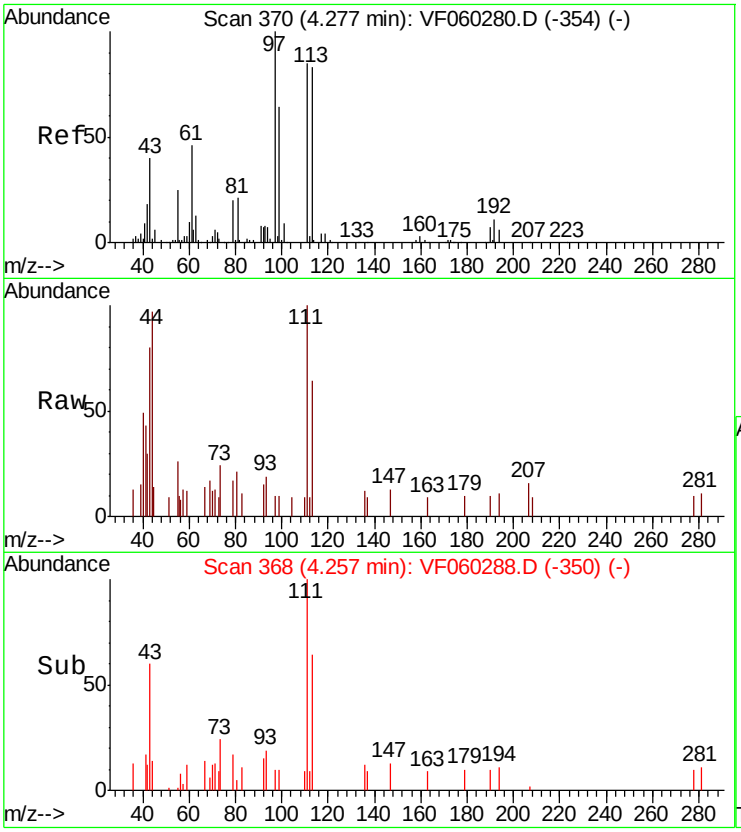


#36
1,1-Dichloropropene
Concen: 1.34 ug/l
RT: 4.50 min Scan# 393
Delta R.T. 0.05 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 75 Resp: 206

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.4	49.2#
77	0.0	27.3	40.9#



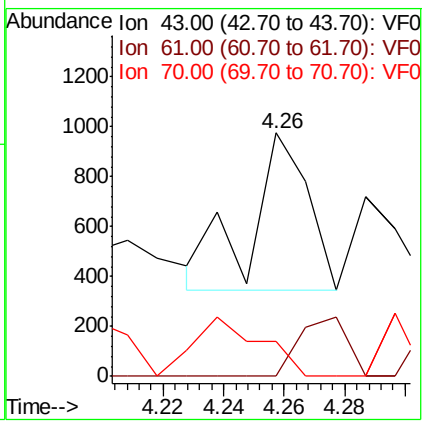


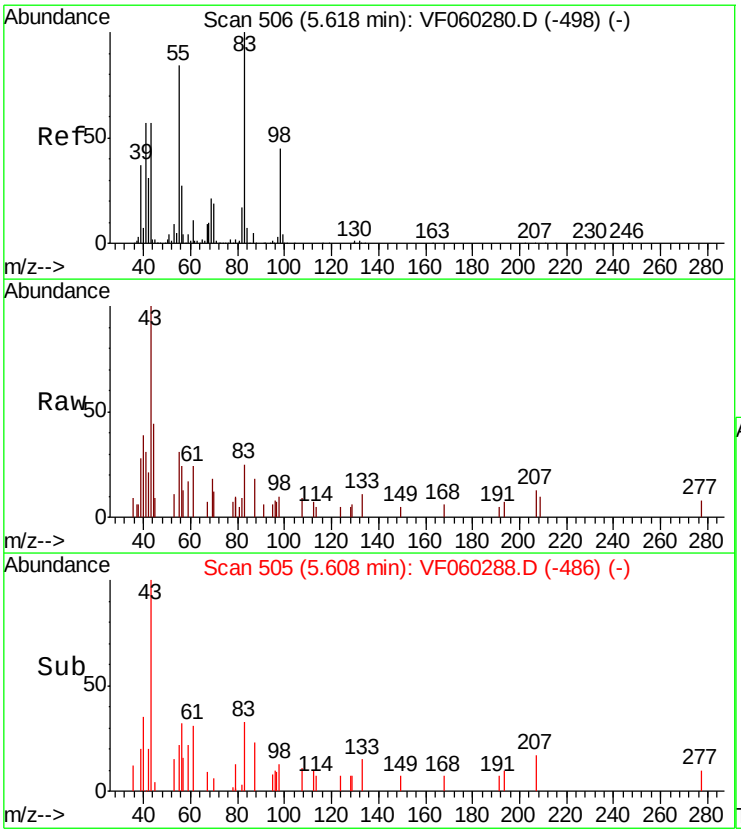
#37
Ethyl Acetate
Concen: 12.81 ug/l
RT: 4.26 min Scan# 368
Delta R.T. -0.02 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 43 Resp: 834

Ion	Ratio	Lower	Upper
43	100		
61	0.0	91.1	136.7#
70	14.5	6.9	10.3#

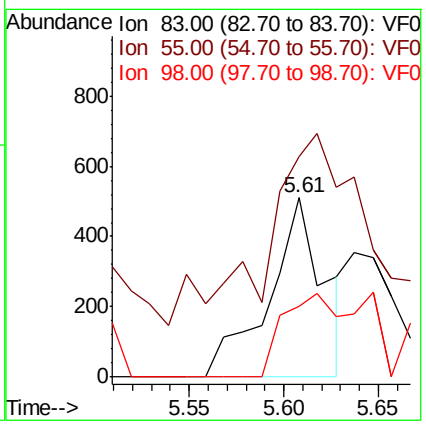


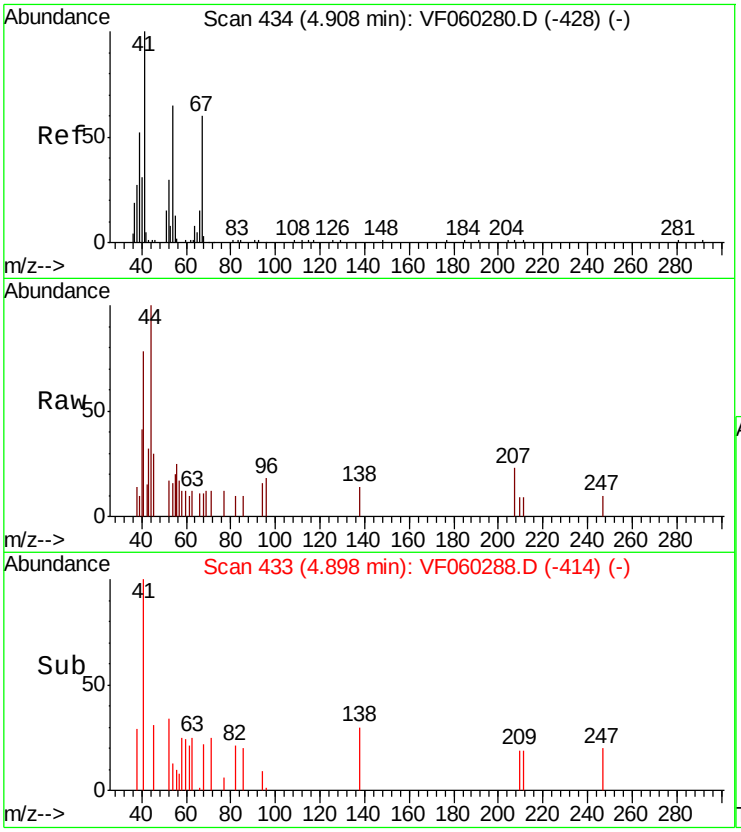


#39
Methylcyclohexane
Concen: 6.17 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 83 Resp: 1028

Ion	Ratio	Lower	Upper
83	100		
55	122.7	67.3	100.9#
98	39.2	36.1	54.1



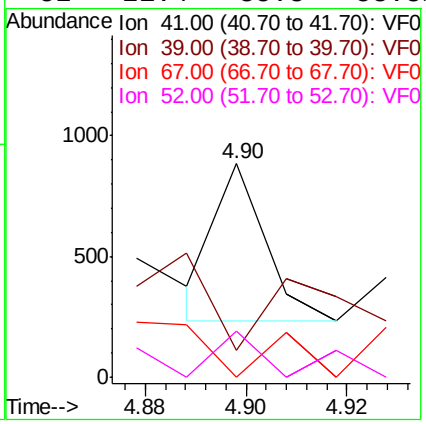


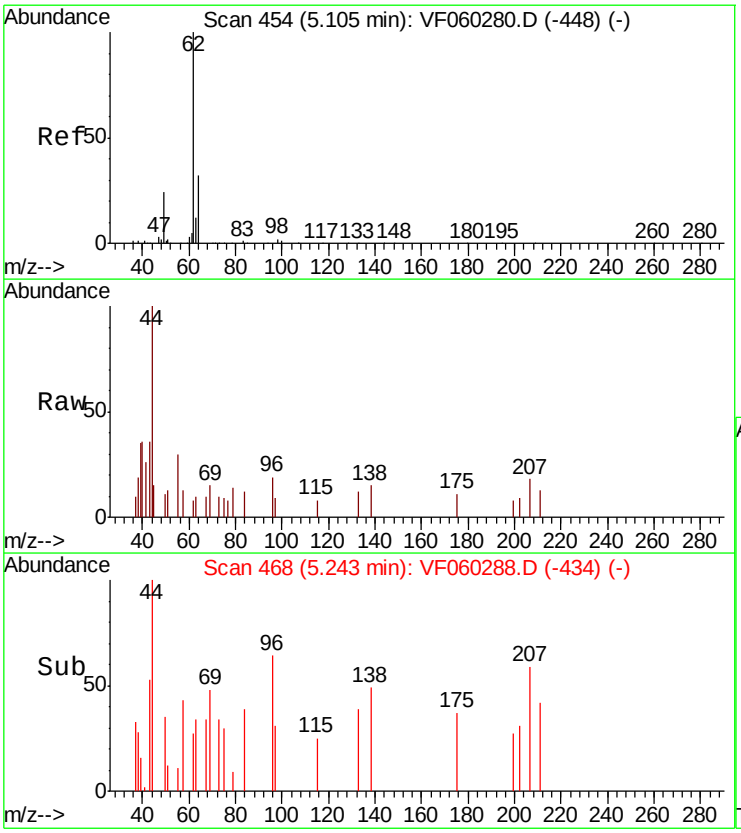
#41
Methacrylonitrile
Concen: 12.80 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 41 Resp: 452

Ion	Ratio	Lower	Upper
41	100		
39	12.8	49.1	73.7#
67	0.0	48.2	72.4#
52	21.4	35.8	53.8#

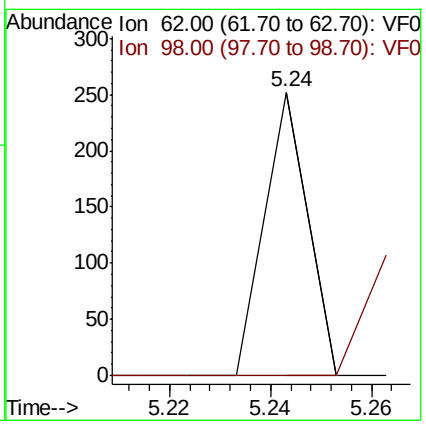


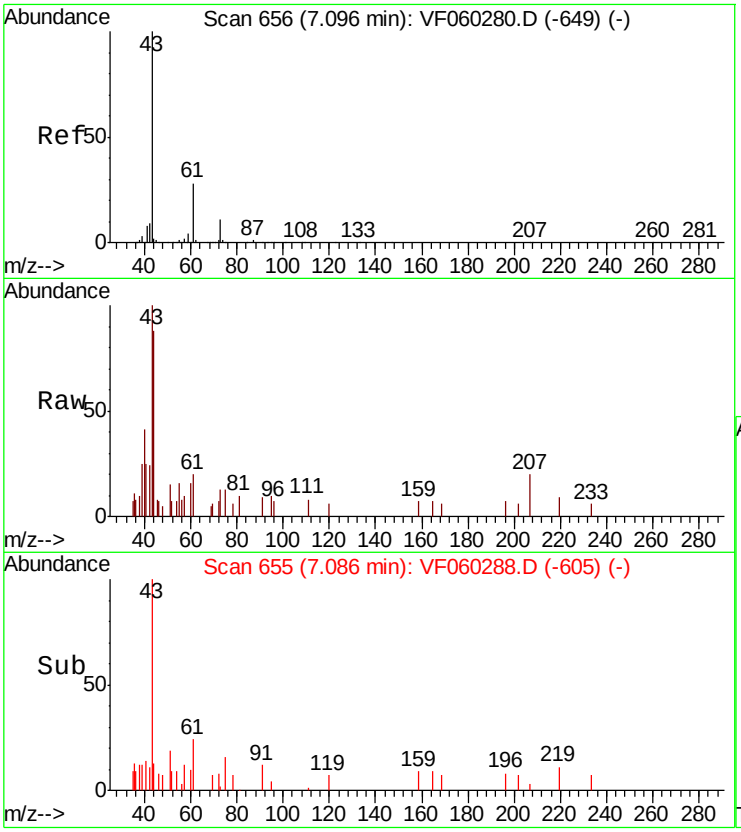


#42
1,2-Dichloroethane
Concen: 1.16 ug/l
RT: 5.24 min Scan# 468
Delta R.T. 0.14 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 62 Resp: 149

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	14.4



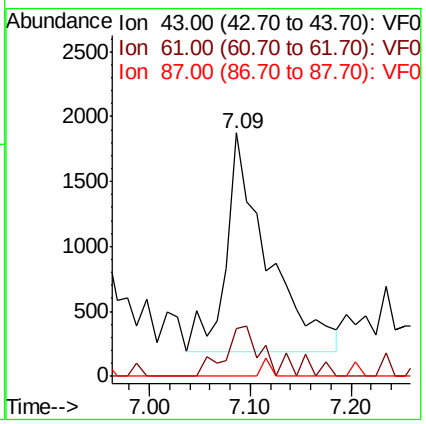


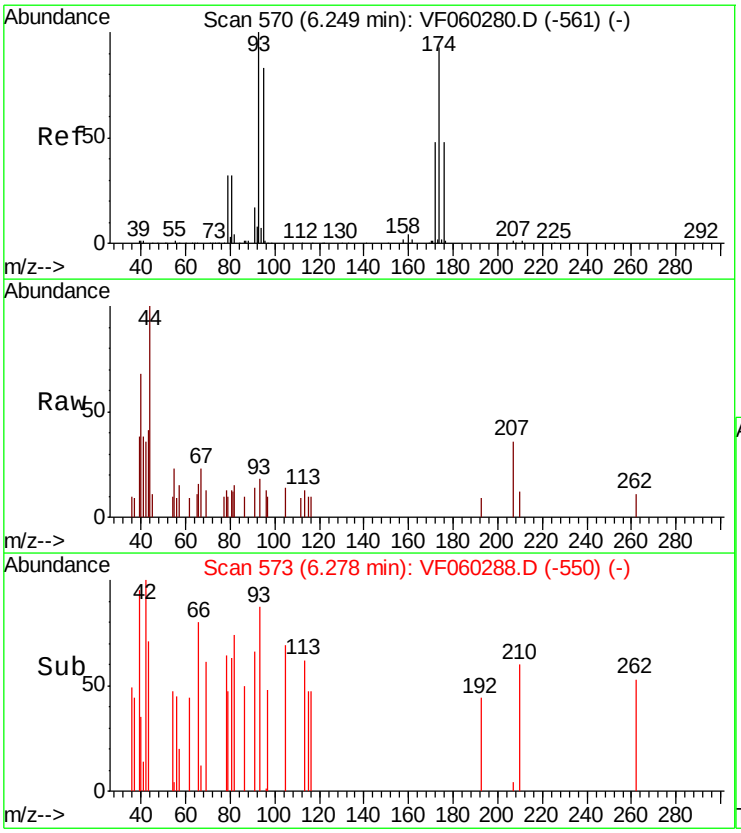
#43
Isopropyl Acetate
Concen: 61.40 ug/l
RT: 7.09 min Scan# 655
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 43 Resp: 4812

Ion	Ratio	Lower	Upper
43	100		
61	19.9	22.4	33.6#
87	0.0	0.6	0.8#

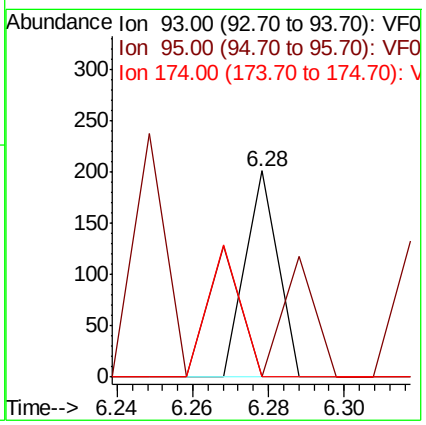


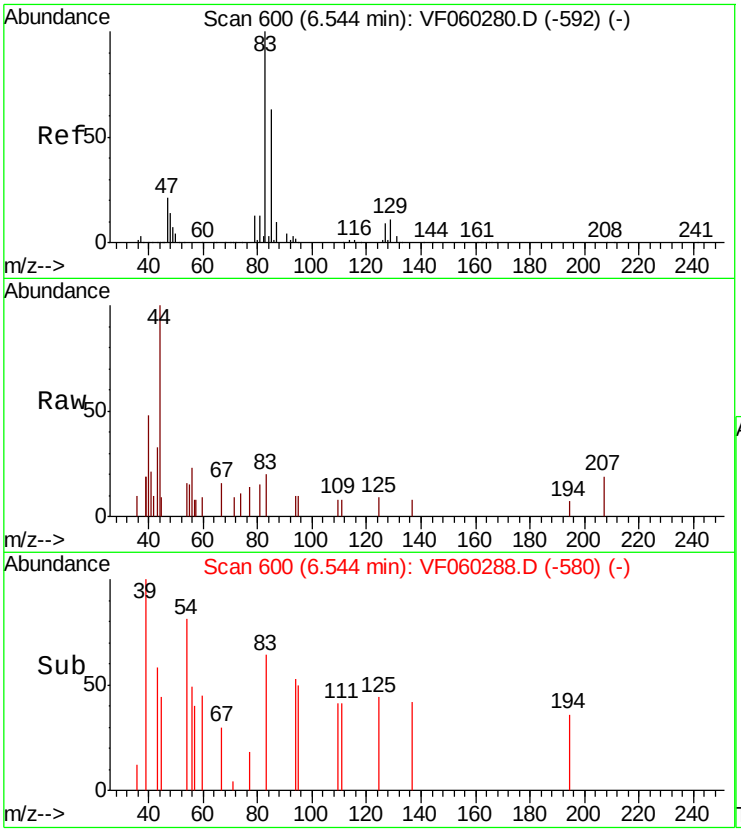


#46
Dibromomethane
Concen: 1.84 ug/l
RT: 6.28 min Scan# 573
Delta R.T. 0.03 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 93 Resp: 119

Ion	Ratio	Lower	Upper
93	100		
95	0.0	67.0	100.6#
174	0.0	74.8	112.2#



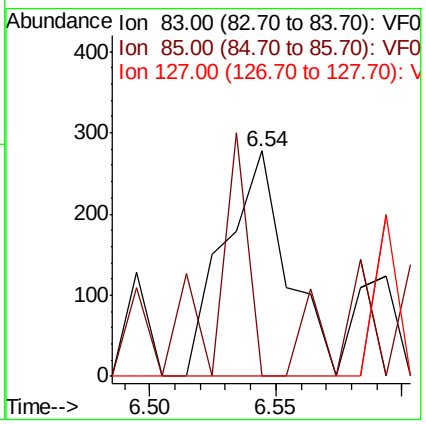


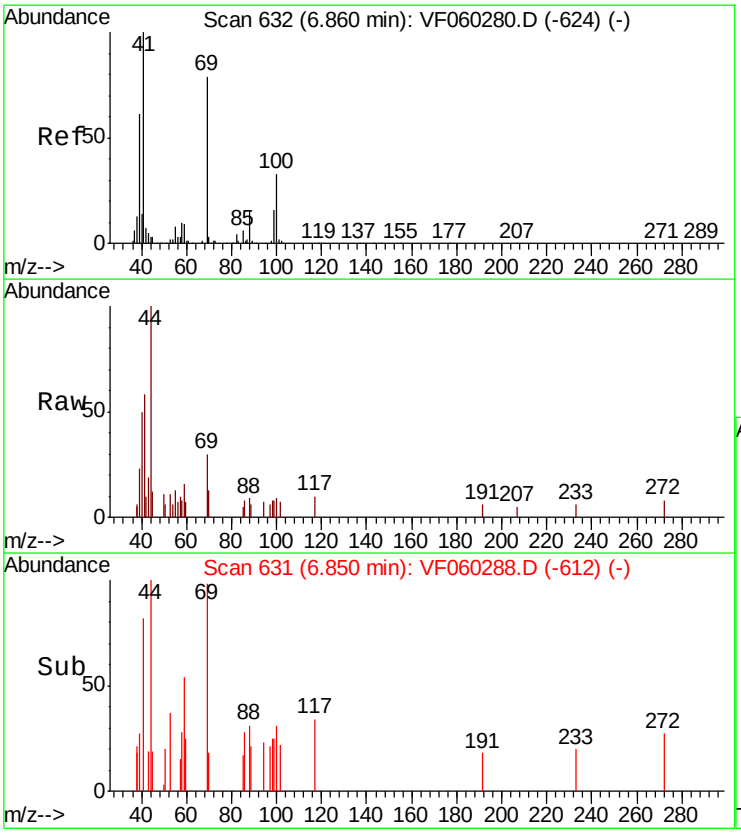
#47
Bromodichloromethane
Concen: 3.11 ug/l
RT: 6.54 min Scan# 600
Delta R.T. 0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 83 Resp: 483

Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.6	76.0#
127	0.0	7.1	10.7#

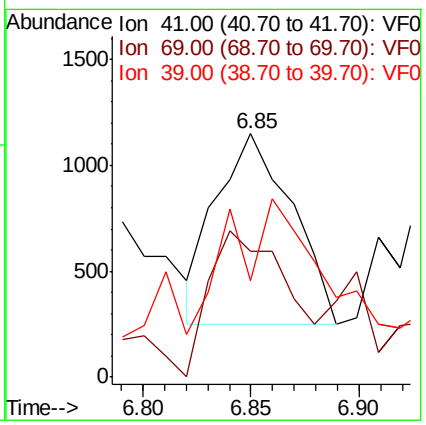


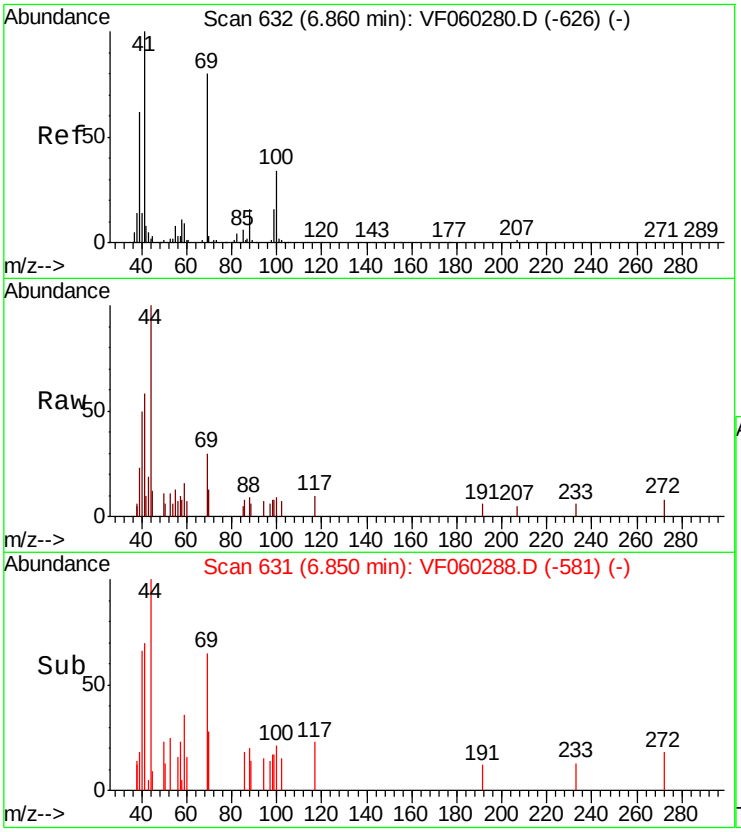


#48
Methyl methacrylate
Concen: 39.99 ug/l
RT: 6.85 min Scan# 631
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 41 Resp: 2200

Ion	Ratio	Lower	Upper
41	100		
69	51.7	62.6	94.0#
39	39.6	49.1	73.7#



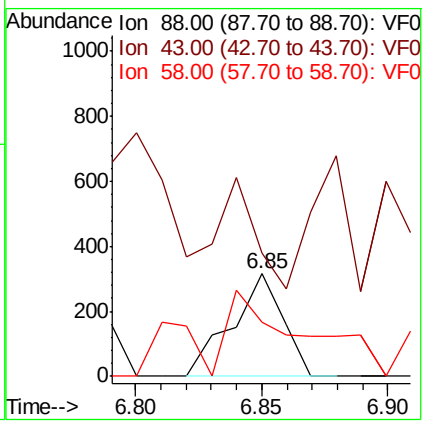


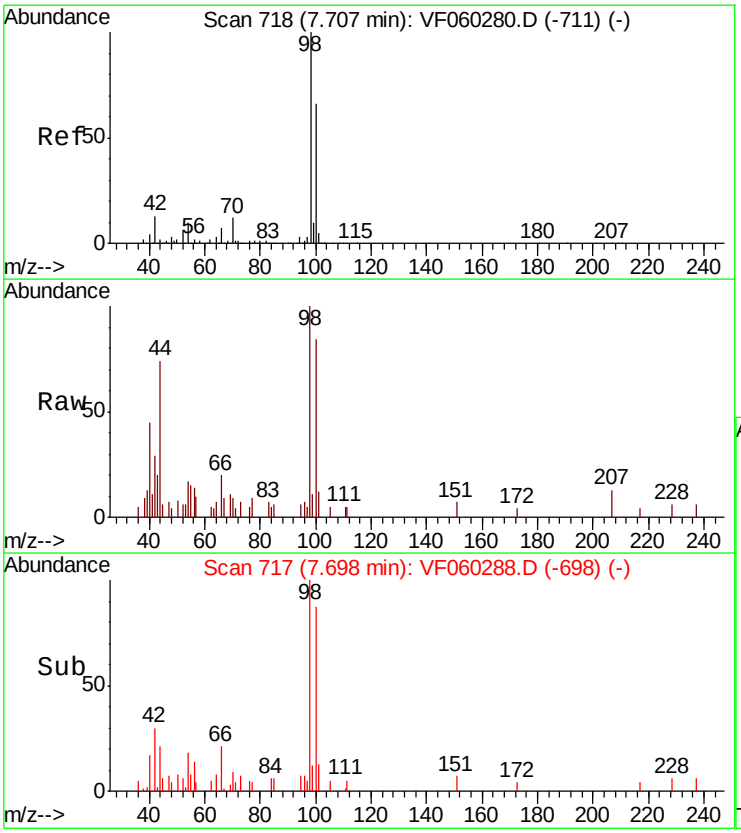
#49
1,4-Dioxane
Concen: 907.46 ug/l
RT: 6.85 min Scan# 631
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion: 88 Resp: 446

Ion	Ratio	Lower	Upper
88	100		
43	120.3	40.2	60.4#
58	53.3	56.7	85.1#

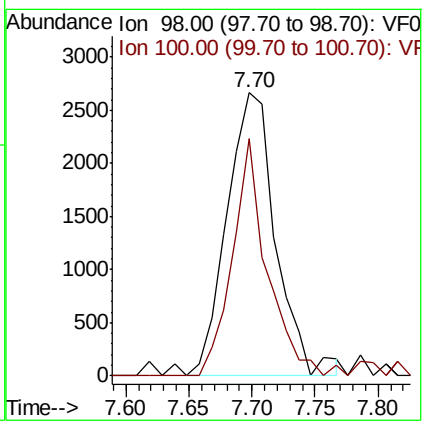


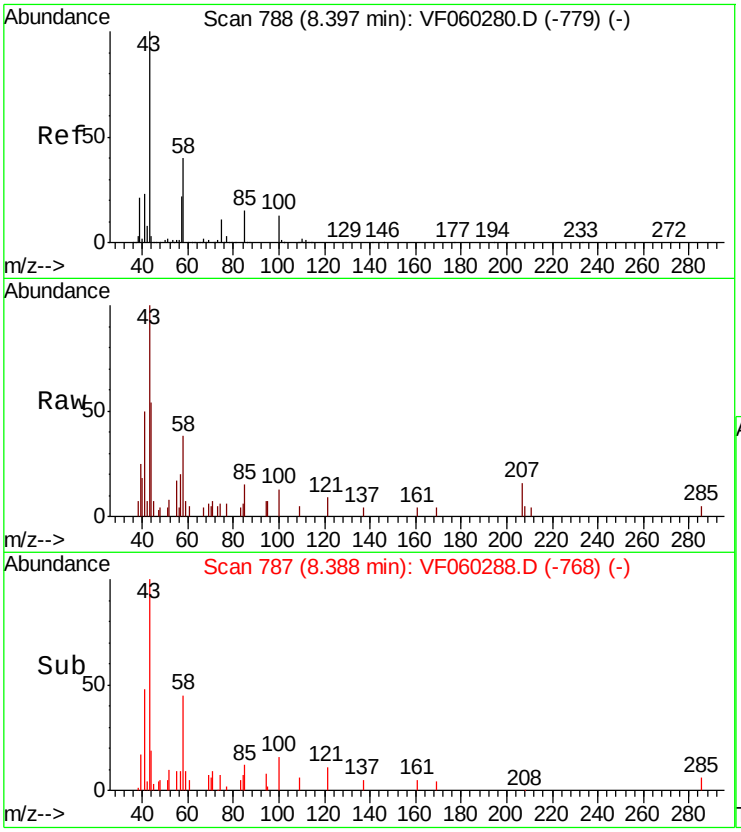


#50
Toluene-d8
Concen: 25.03 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 98 Resp: 7167

Ion	Ratio	Lower	Upper
98	100		
100	83.7	53.0	79.6#



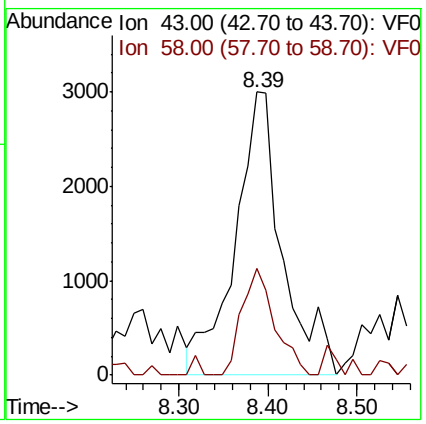


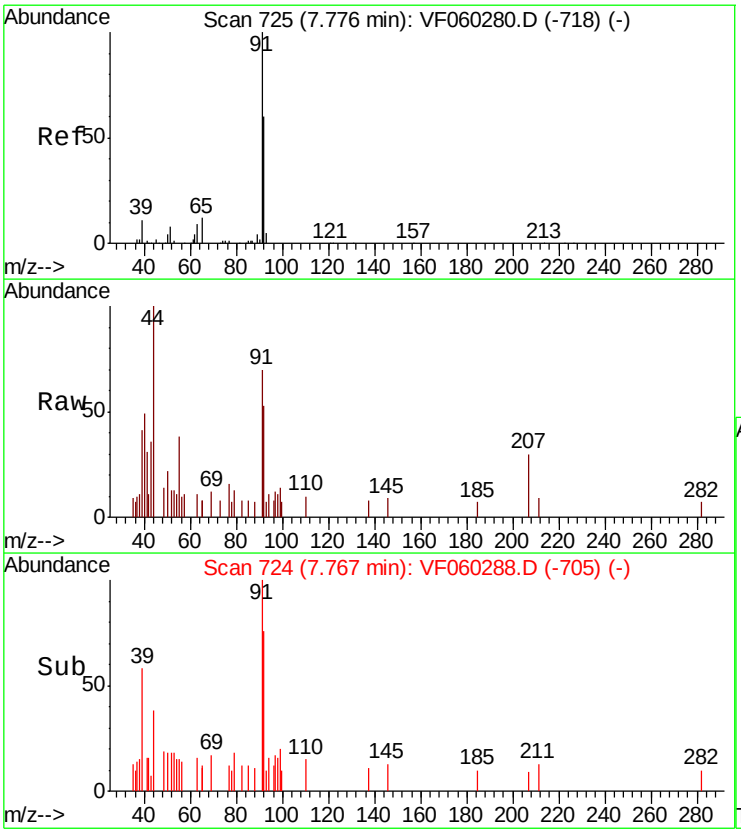
#51
4-Methyl-2-Pentanone
Concen: 182.16 ug/l
RT: 8.39 min Scan# 787
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion: 43 Resp: 11003

Ion	Ratio	Lower	Upper
43	100		
58	37.5	31.8	47.8

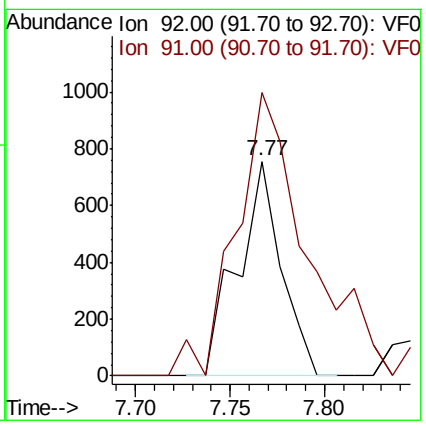


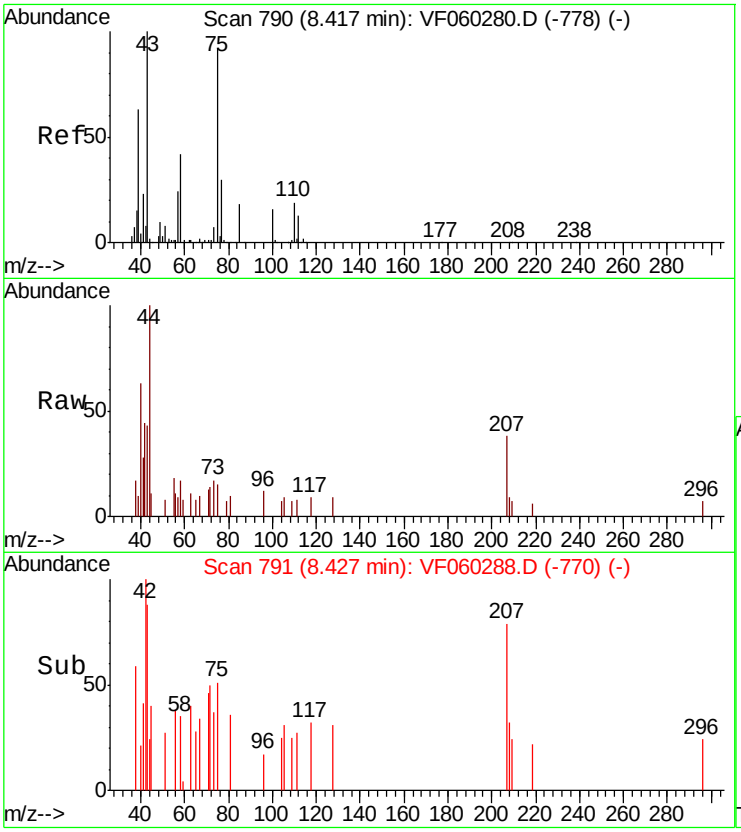


#52
Toluene
Concen: 5.49 ug/l
RT: 7.77 min Scan# 724
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 92 Resp: 1211

Ion	Ratio	Lower	Upper
92	100		
91	131.9	133.3	199.9#



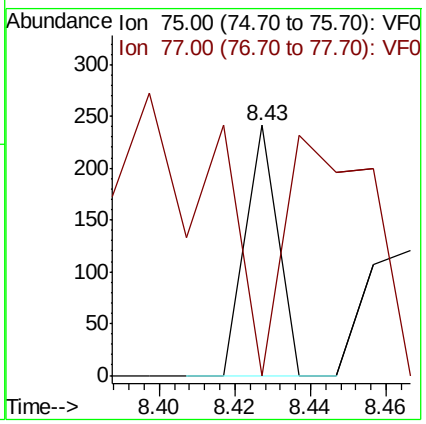


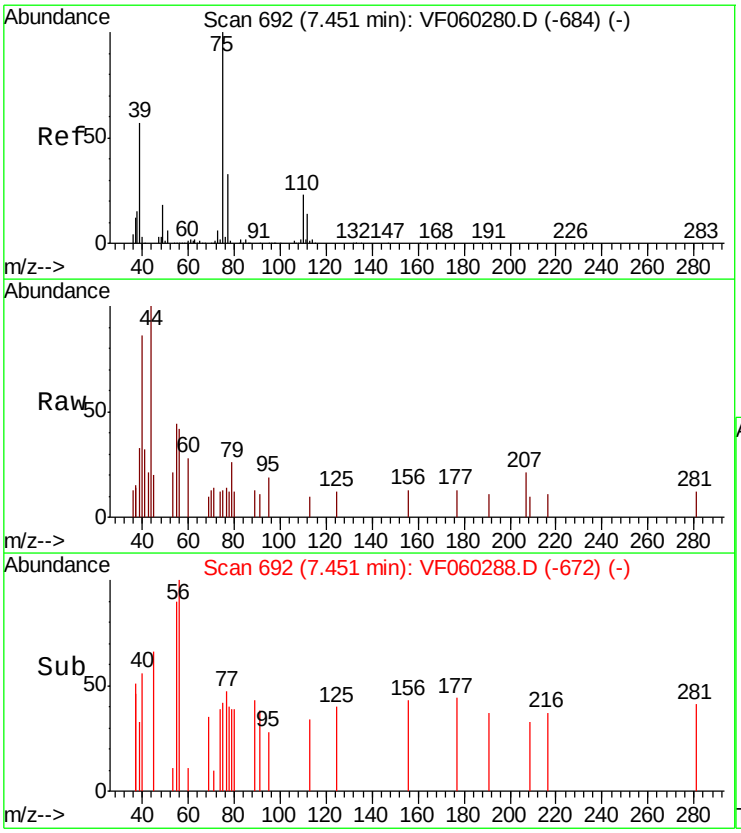
#53
t-1,3-Dichloropropene
Concen: 1.14 ug/l
RT: 8.43 min Scan# 791
Delta R.T. 0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 75 Resp: 143

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.9	38.9#

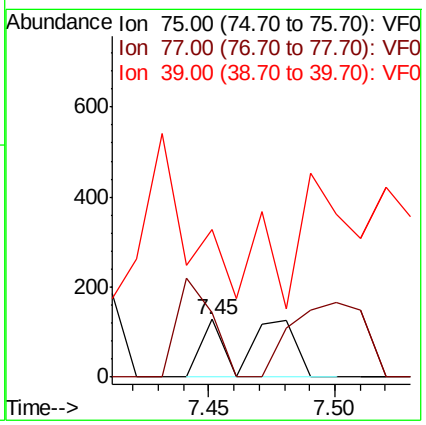


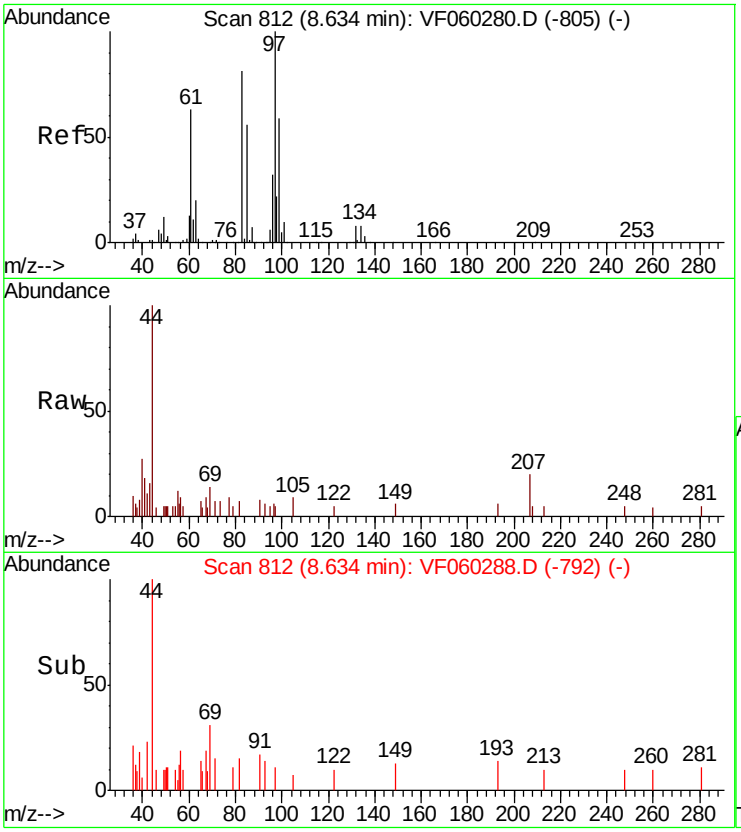


#54
cis-1,3-Dichloropropene
Concen: 1.40 ug/l
RT: 7.45 min Scan# 692
Delta R.T. 0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 75 Resp: 221

Ion	Ratio	Lower	Upper
75	100		
77	111.7	26.3	39.5#
39	257.0	46.1	69.1#



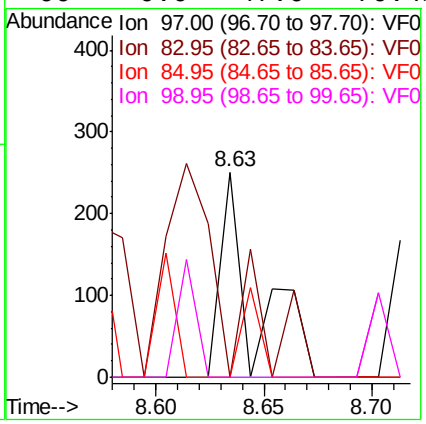


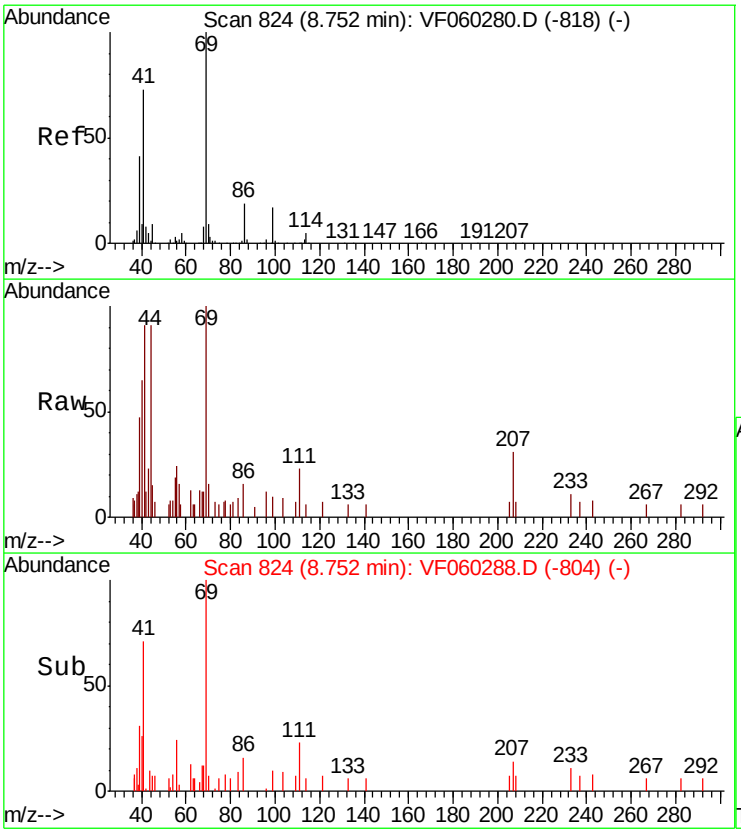
#55
1,1,2-Trichloroethane
Concen: 4.11 ug/l
RT: 8.63 min Scan# 812
Delta R.T. -0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion: 97 Resp: 275

Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.3	97.9#
85	0.0	44.7	67.1#
99	0.0	47.0	70.4#

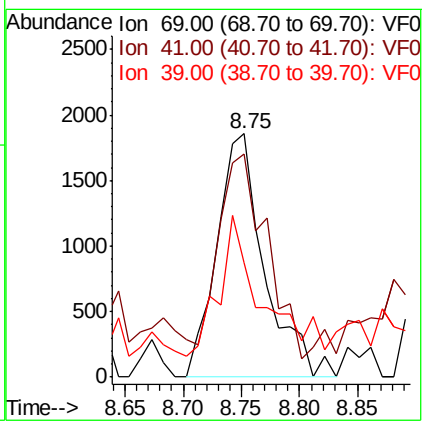


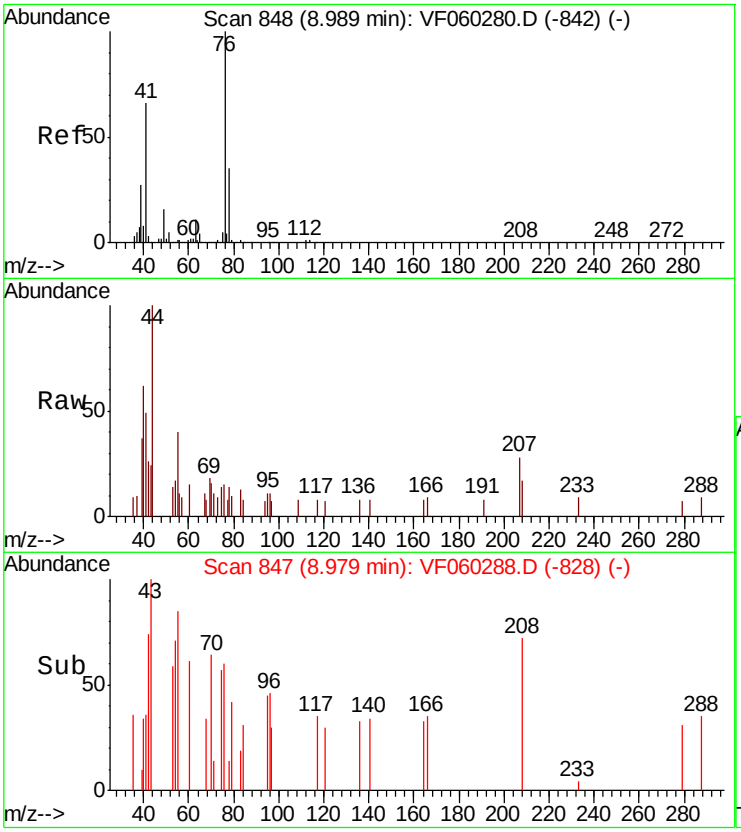


#56
Ethyl methacrylate
Concen: 64.82 ug/l
RT: 8.75 min Scan# 824
Delta R.T. -0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 69 Resp: 5244

Ion	Ratio	Lower	Upper
69	100		
41	91.4	59.4	89.2#
39	47.0	33.5	50.3



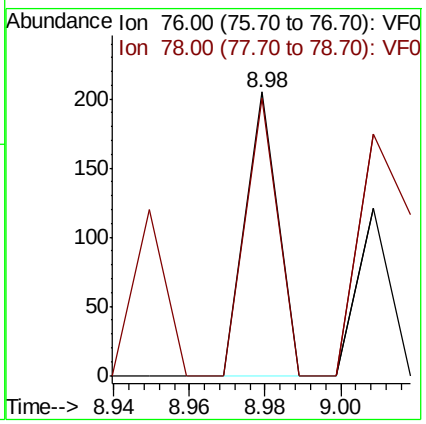


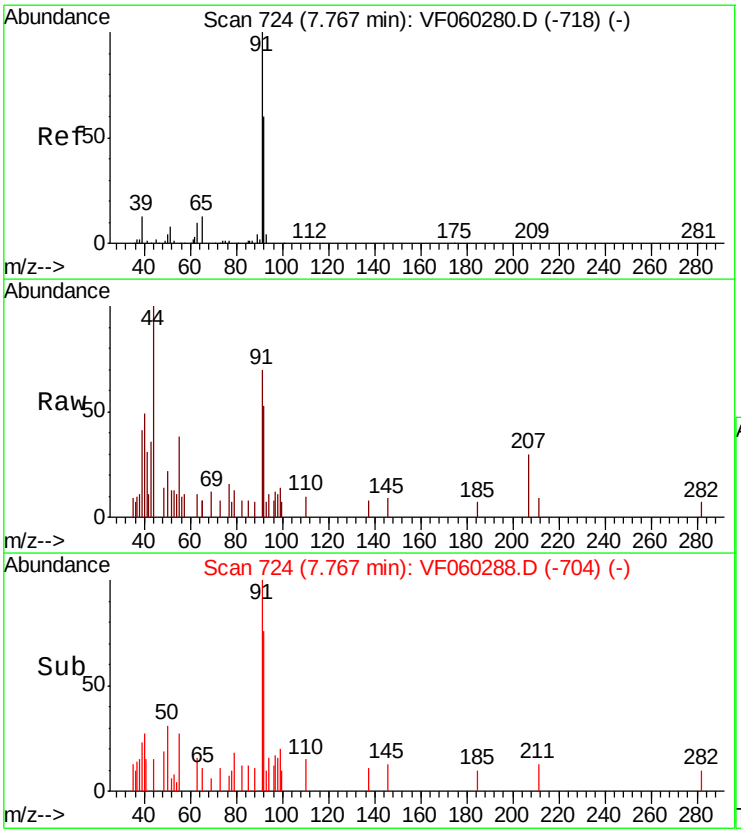
#57
1,3-Dichloropropane
Concen: 1.09 ug/l
RT: 8.98 min Scan# 847
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 76 Resp: 121

Ion	Ratio	Lower	Upper
76	100		
78	98.0	28.2	42.2#

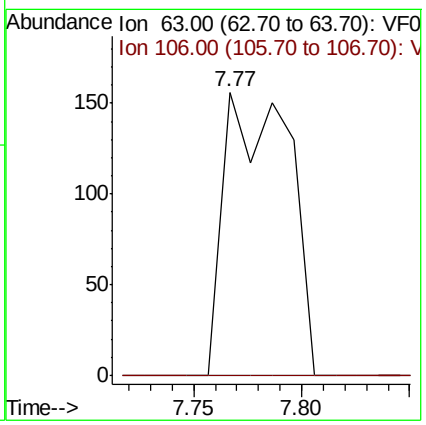


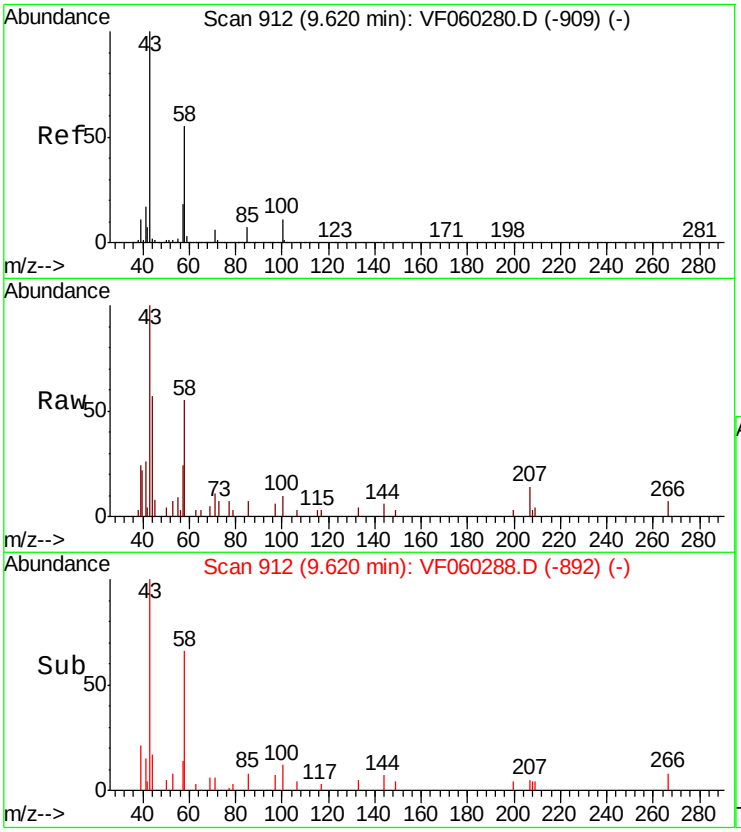


#58
2-Chloroethyl Vinyl ether
Concen: 45.72 ug/l
RT: 7.77 min Scan# 724
Delta R.T. 0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 63 Resp: 327

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



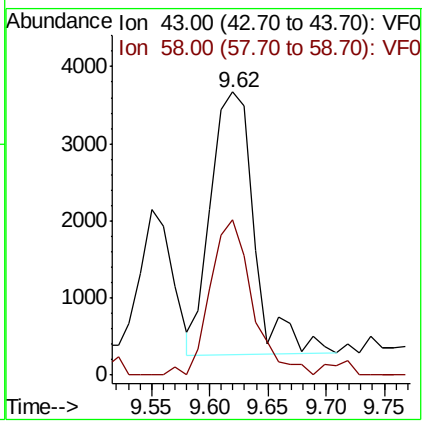


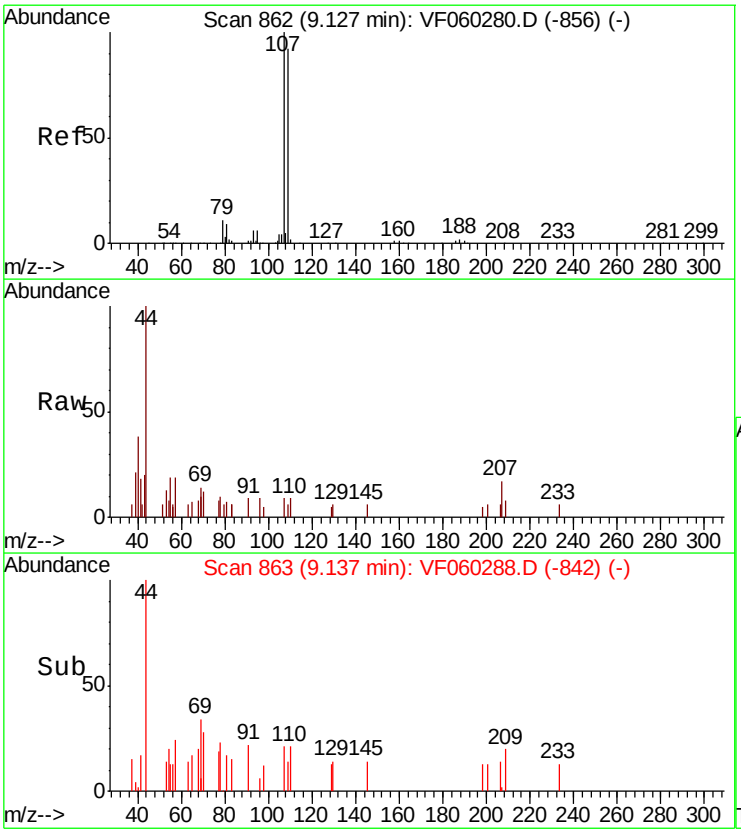
#59
2-Hexanone
Concen: 205.36 ug/l
RT: 9.62 min Scan# 912
Delta R.T. -0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion: 43 Resp: 8832

Ion	Ratio	Lower	Upper
43	100		
58	55.1	25.9	77.6

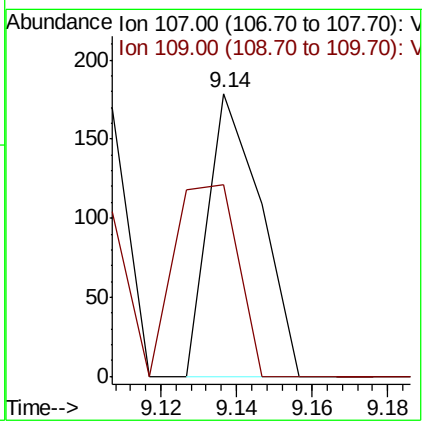


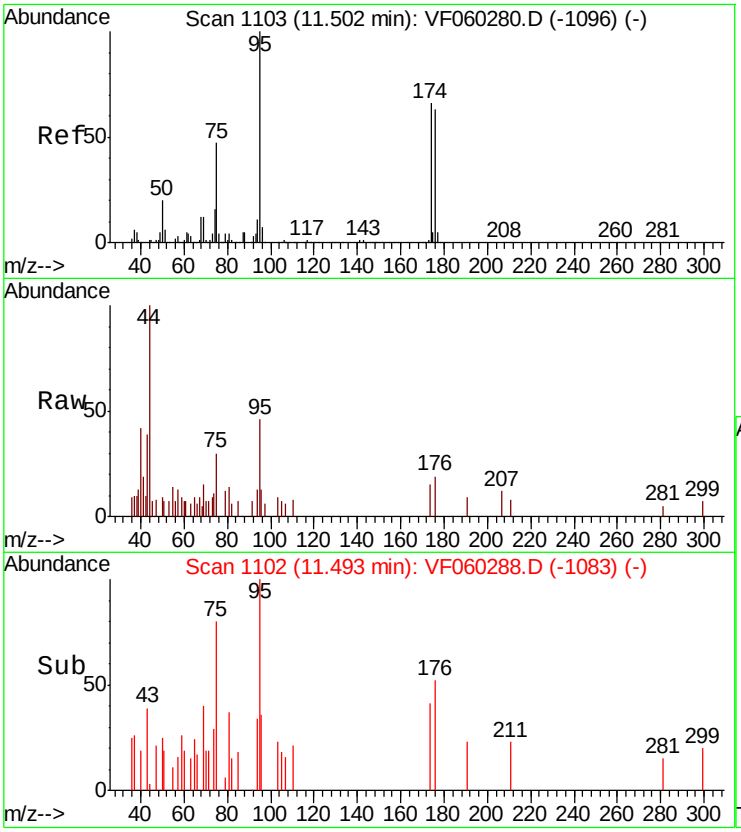


#61
1,2-Dibromoethane
Concen: 2.28 ug/l
RT: 9.14 min Scan# 863
Delta R.T. 0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:107 Resp: 170

Ion	Ratio	Lower	Upper
107	100		
109	67.6	73.2	109.8#



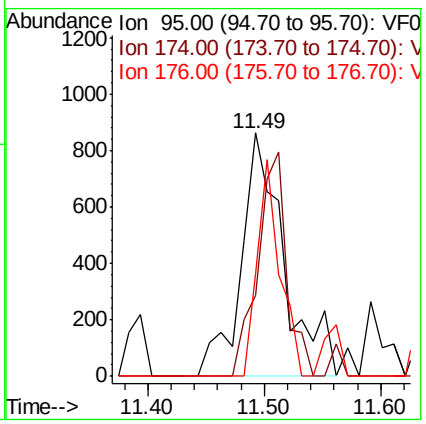


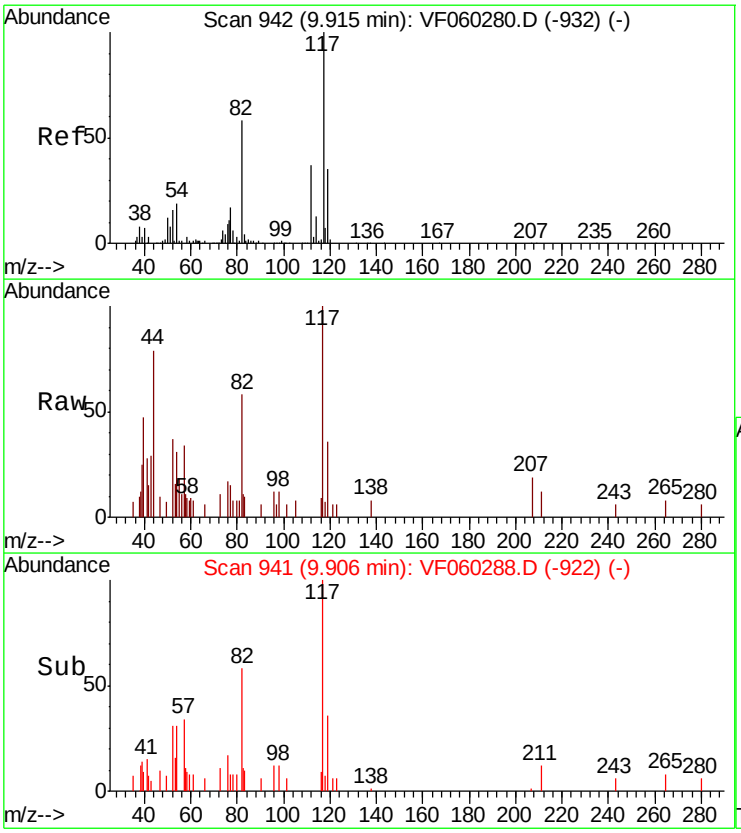
#62
4-Bromofluorobenzene
Concen: 17.79 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion: 95 Resp: 2202

Ion	Ratio	Lower	Upper
95	100		
174	33.5	0.0	131.2
176	42.2	0.0	126.6

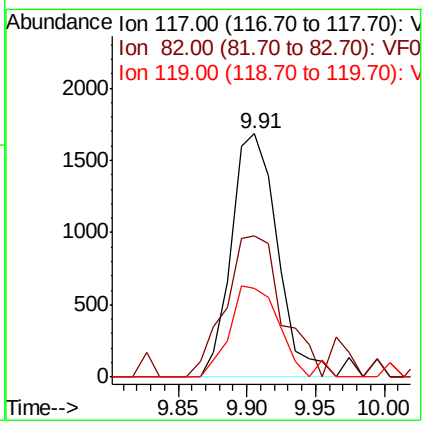


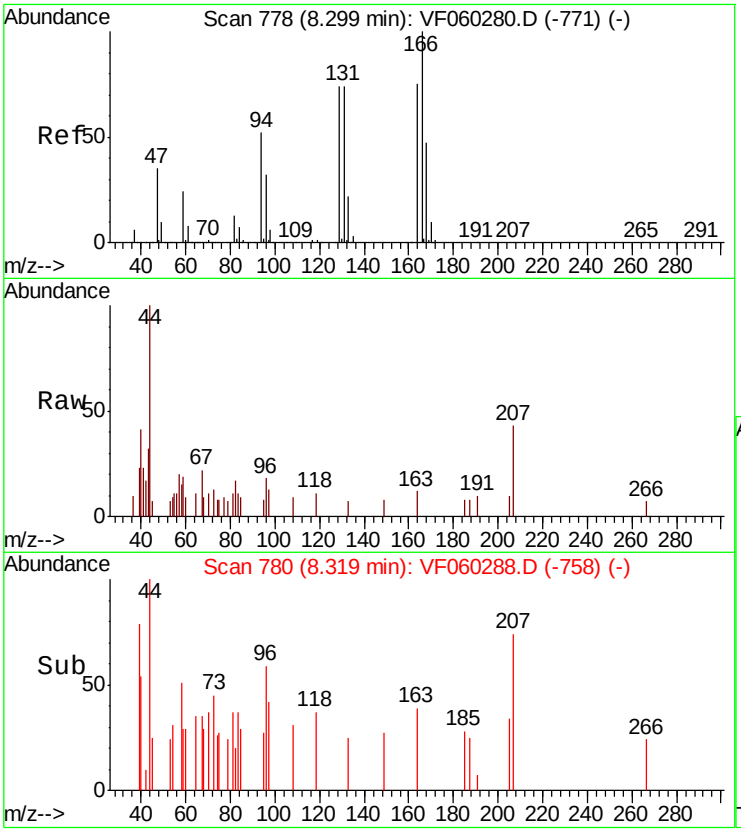


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:117 Resp: 3937

Ion	Ratio	Lower	Upper
117	100		
82	68.6	46.2	69.2
119	36.4	27.8	41.6



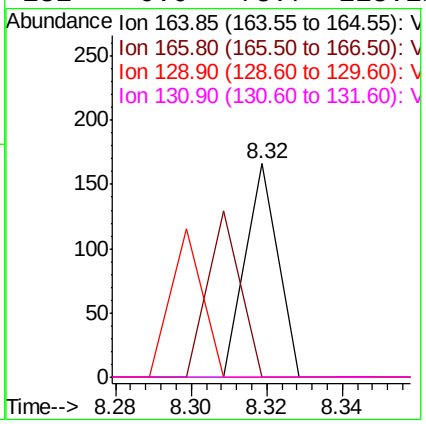


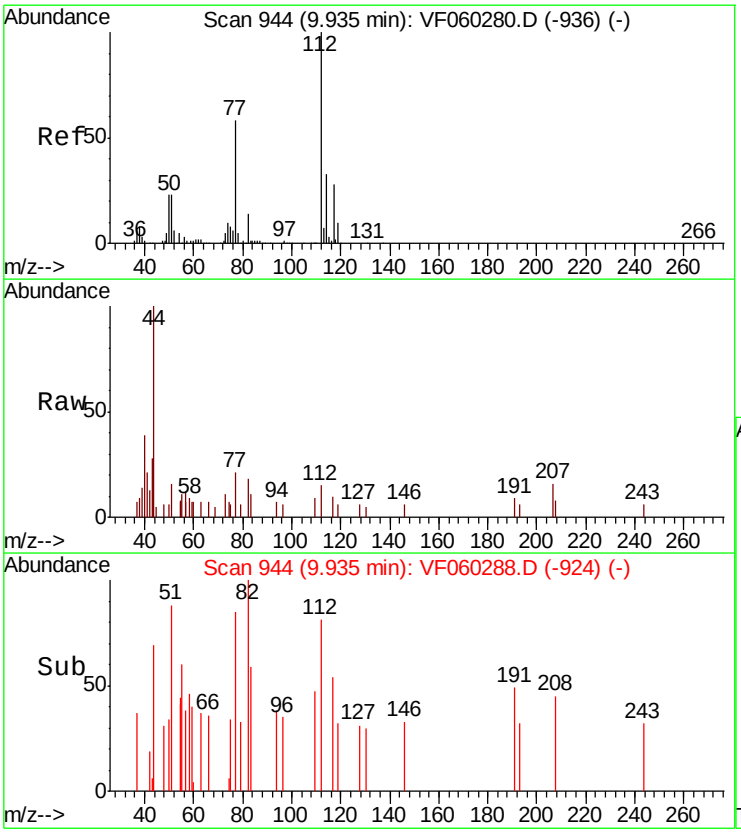
#64
Tetrachloroethene
Concen: 2.75 ug/l
RT: 8.32 min Scan# 780
Delta R.T. 0.02 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion:164 Resp: 98

Ion	Ratio	Lower	Upper
164	100		
166	0.0	106.8	160.2#
129	0.0	78.8	118.2#
131	0.0	78.7	118.1#

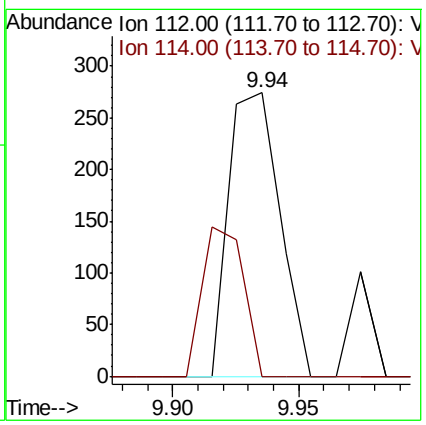


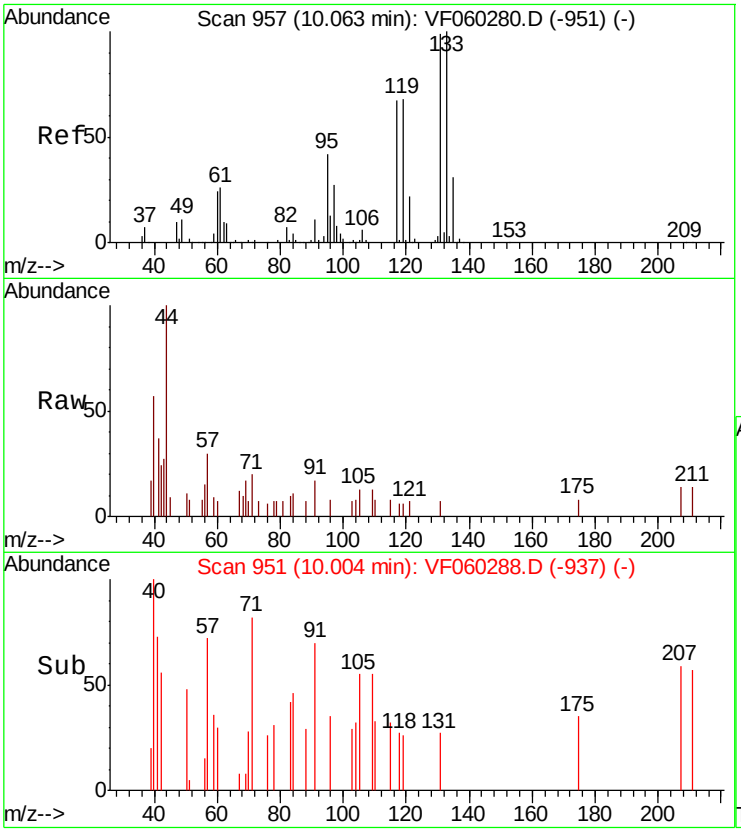


#65
Chlorobenzene
Concen: 4.35 ug/l
RT: 9.94 min Scan# 944
Delta R.T. -0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:112 Resp: 388

Ion	Ratio	Lower	Upper
112	100		
114	0.0	26.6	40.0#



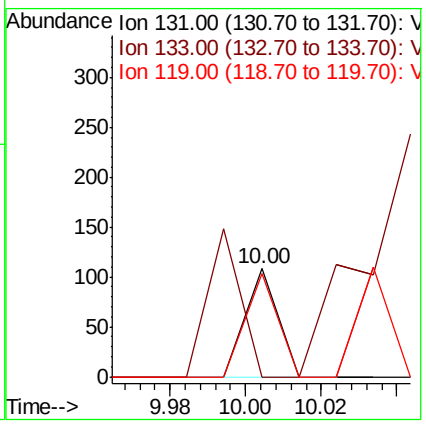


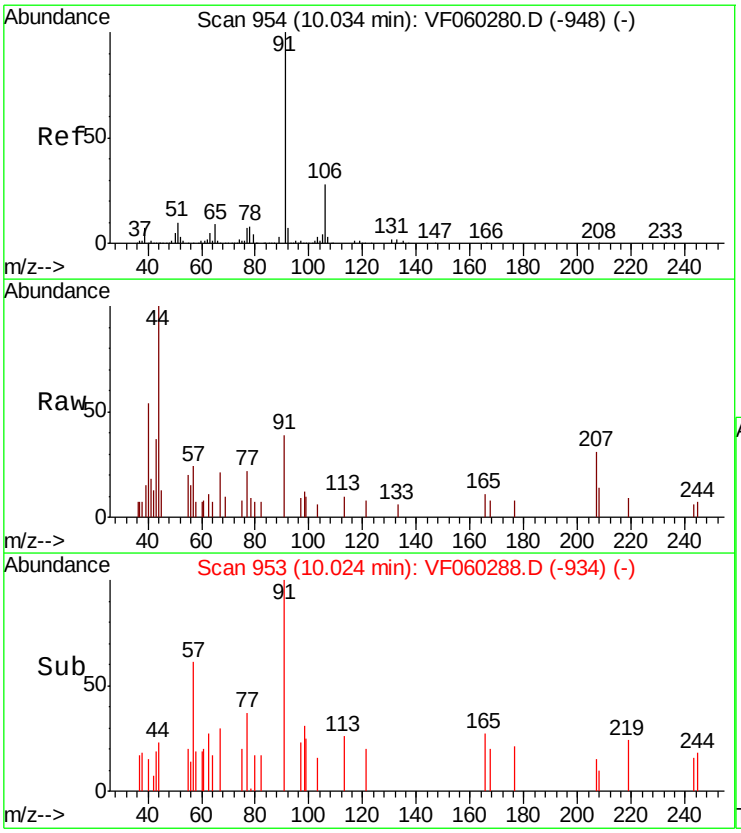
#66
1,1,1,2-Tetrachloroethane
Concen: 1.73 ug/l
RT: 10.00 min Scan# 951
Delta R.T. -0.06 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion:131 Resp: 64

Ion	Ratio	Lower	Upper
131	100		
133	0.0	50.4	151.2#
119	96.3	34.8	104.3

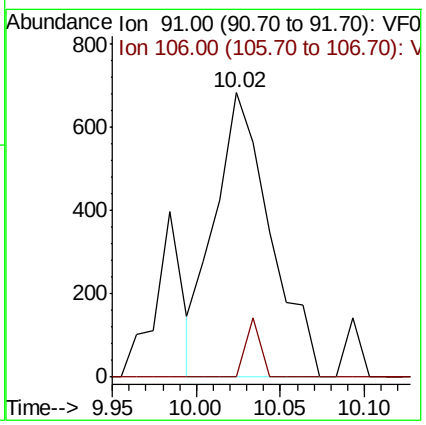


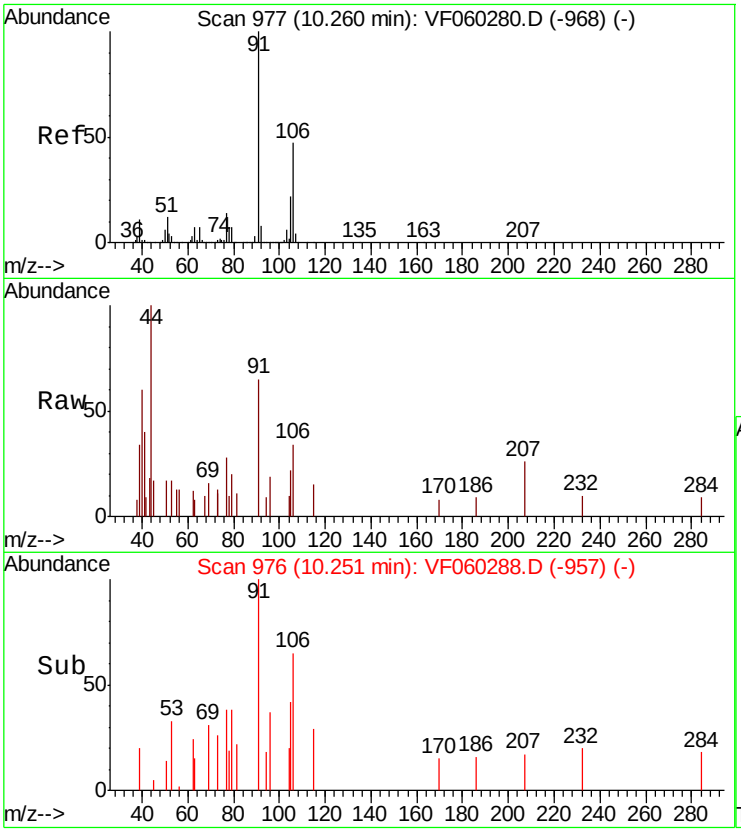


#67
Ethyl Benzene
Concen: 9.44 ug/l
RT: 10.02 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 91 Resp: 1557

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.7	34.1#



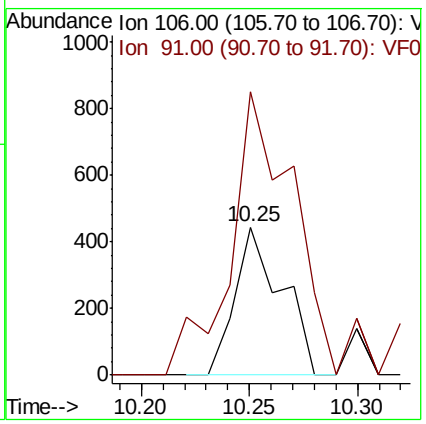


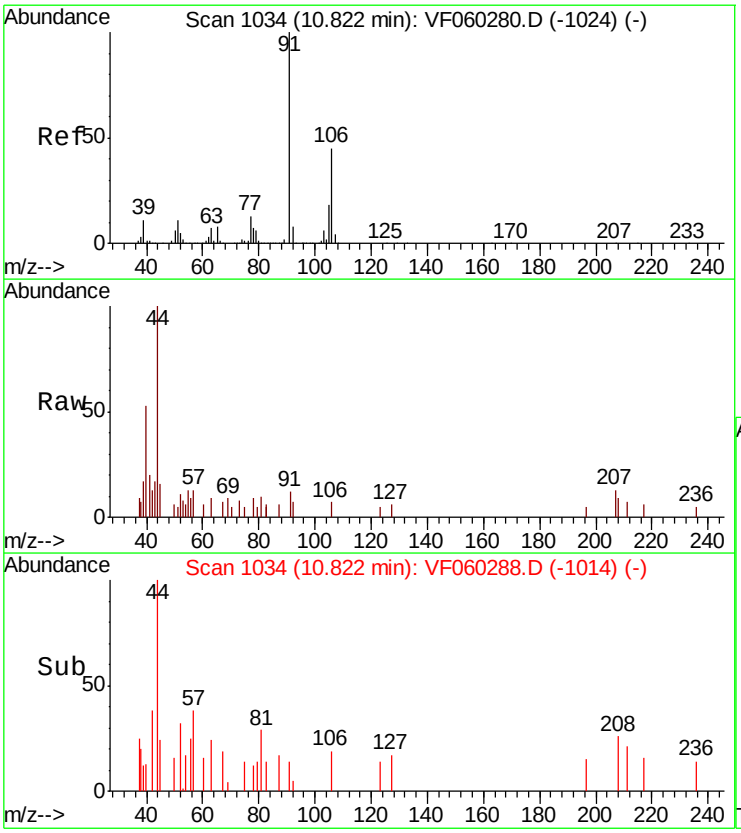
#68
m/p-Xylenes
Concen: 11.70 ug/l
RT: 10.25 min Scan# 976
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion:106 Resp: 667

Ion	Ratio	Lower	Upper
106	100		
91	191.4	172.3	258.5

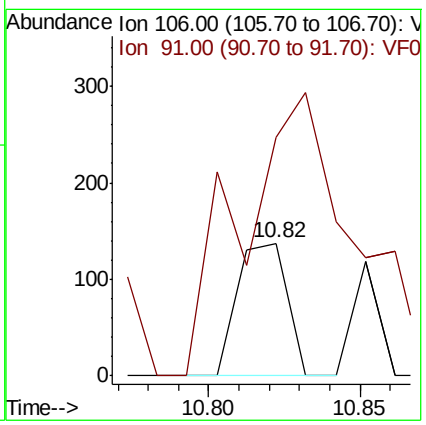


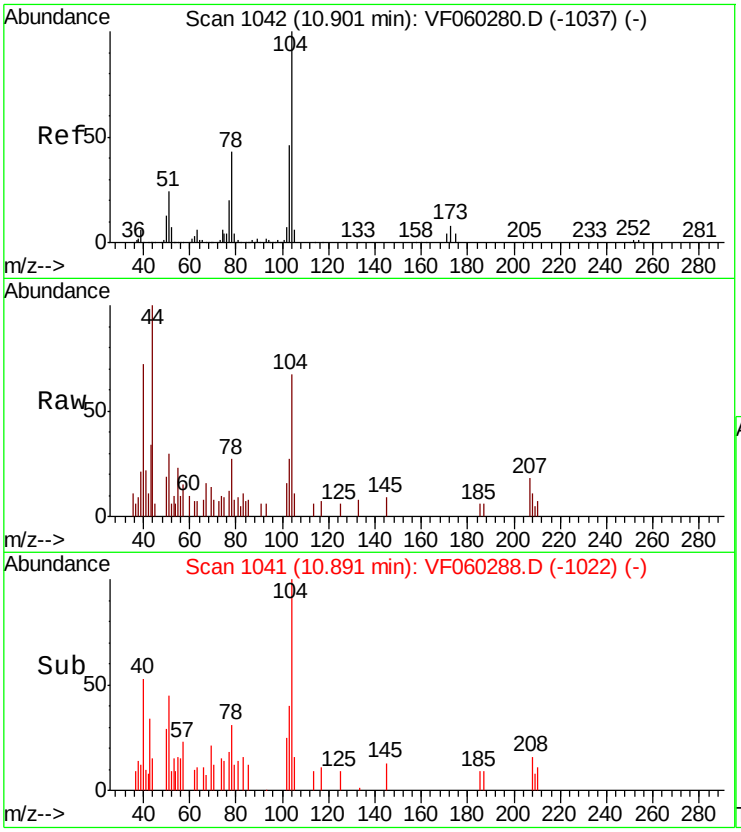


#69
o-Xylene
Concen: 2.49 ug/l
RT: 10.82 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:106 Resp: 159

Ion	Ratio	Lower	Upper
106	100		
91	180.3	110.9	332.6



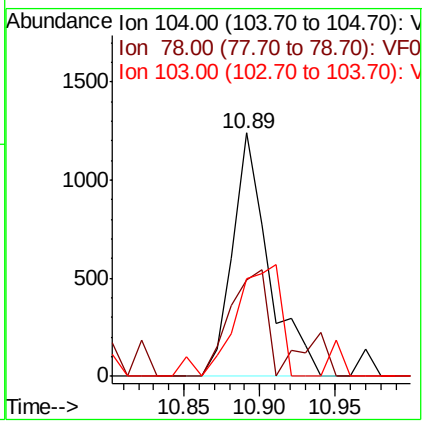


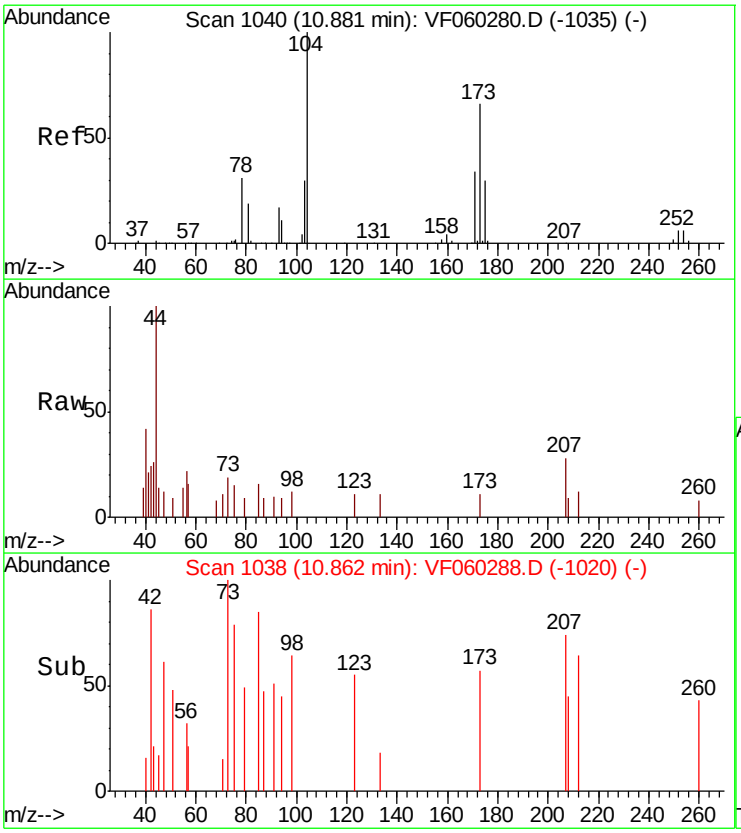
#70
Stvrene
Concen: 22.76 ug/l
RT: 10.89 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion:104 Resp: 2052

Ion	Ratio	Lower	Upper
104	100		
78	39.7	35.0	52.6
103	39.9	37.4	56.0

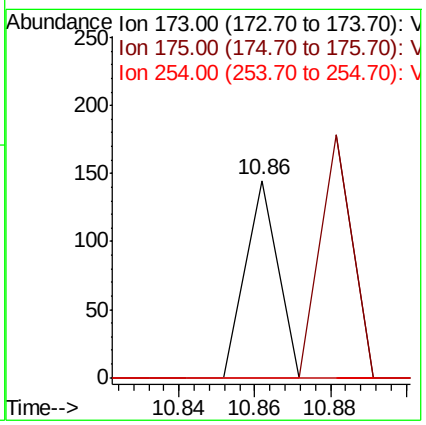


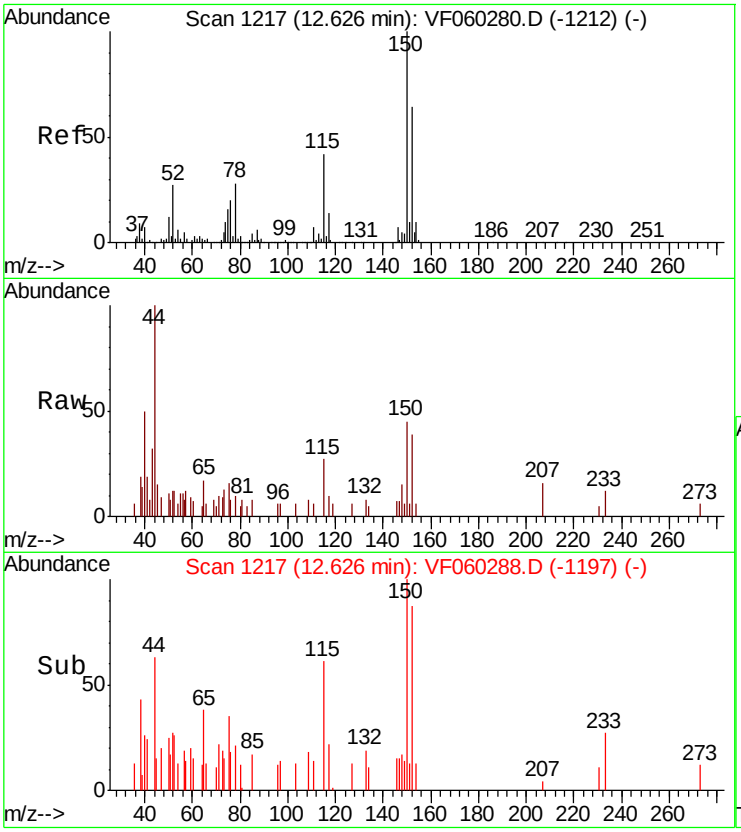


#71
Bromoform
Concen: 4.23 ug/l
RT: 10.86 min Scan# 1038
Delta R.T. -0.02 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:173 Resp: 86

Ion	Ratio	Lower	Upper
173	100		
175	0.0	22.3	66.9#
254	0.0	0.0	0.0



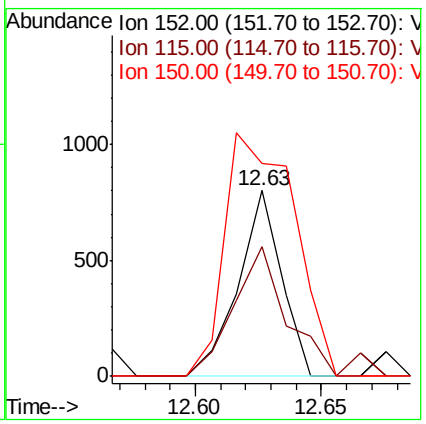


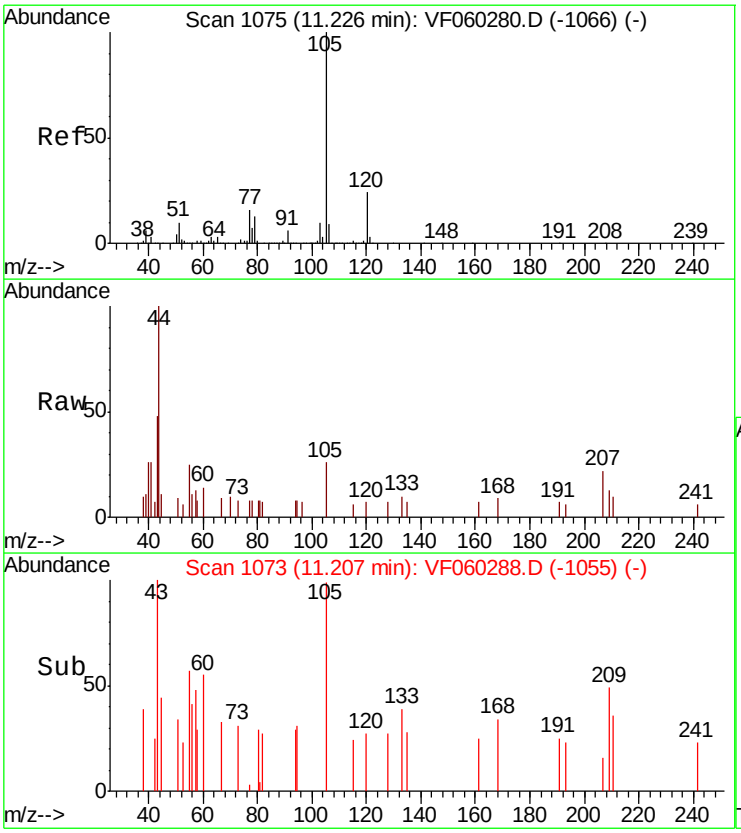
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion:152 Resp: 957

Ion	Ratio	Lower	Upper
152	100		
115	69.8	32.6	97.8
150	114.9	0.0	314.2

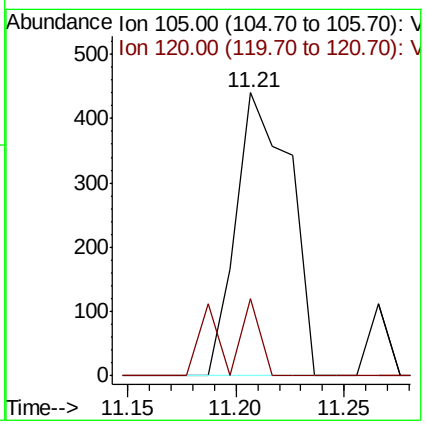


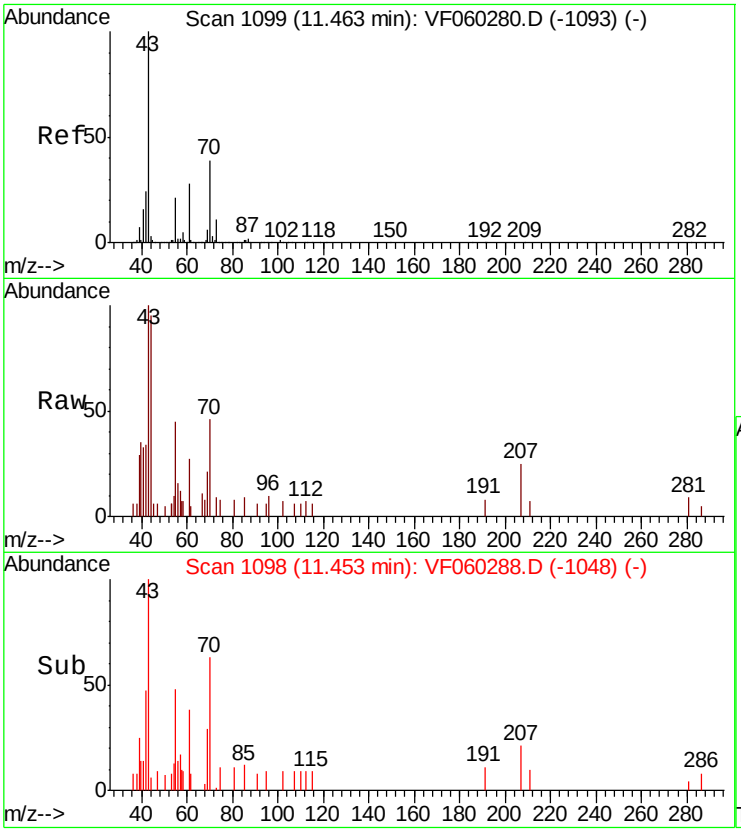


#73
Isopropylbenzene
Concen: 8.99 ug/l
RT: 11.21 min Scan# 1073
Delta R.T. -0.02 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:105 Resp: 772

Ion	Ratio	Lower	Upper
105	100		
120	27.5	12.2	36.6



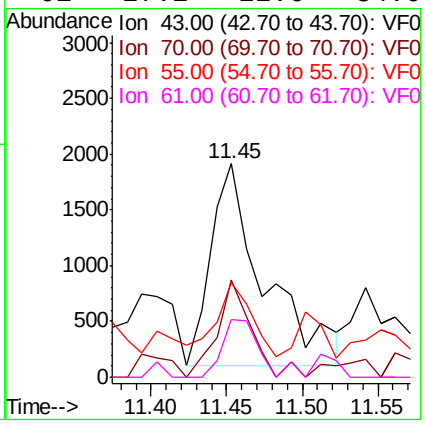


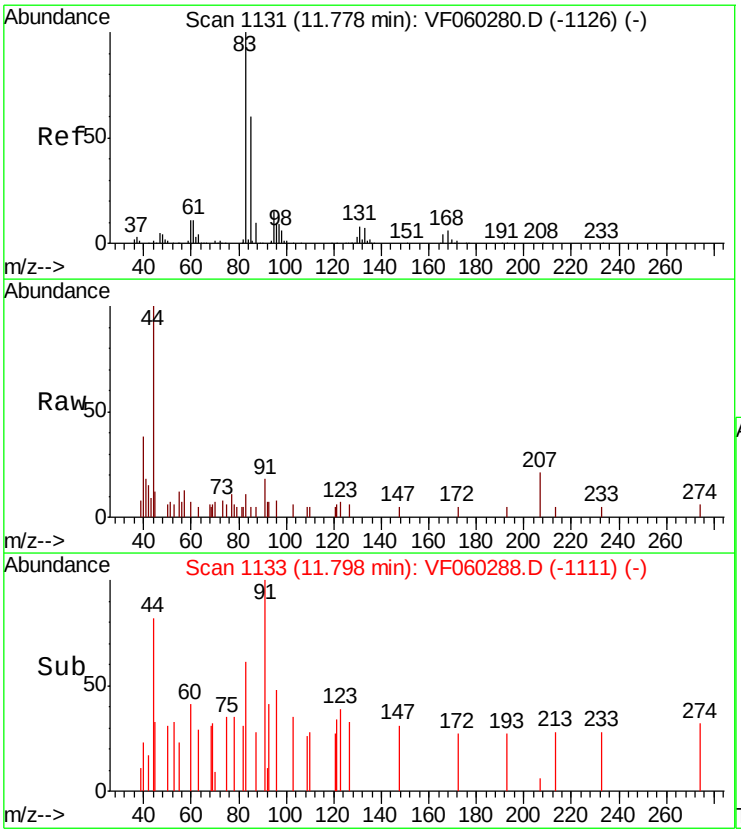
#74
N-amyl acetate
Concen: 246.56 ug/l
RT: 11.45 min Scan# 1098
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 43 Resp: 4517

Ion	Ratio	Lower	Upper
43	100		
70	45.8	31.4	47.2
55	44.5	16.8	25.2#
61	27.2	22.6	34.0

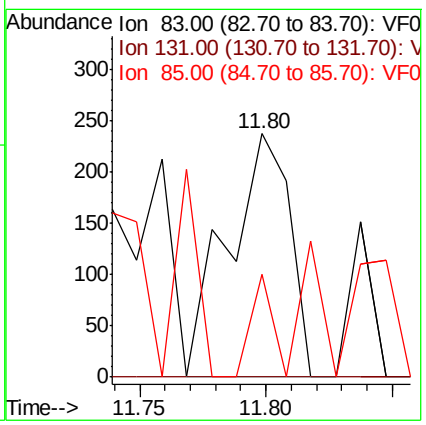


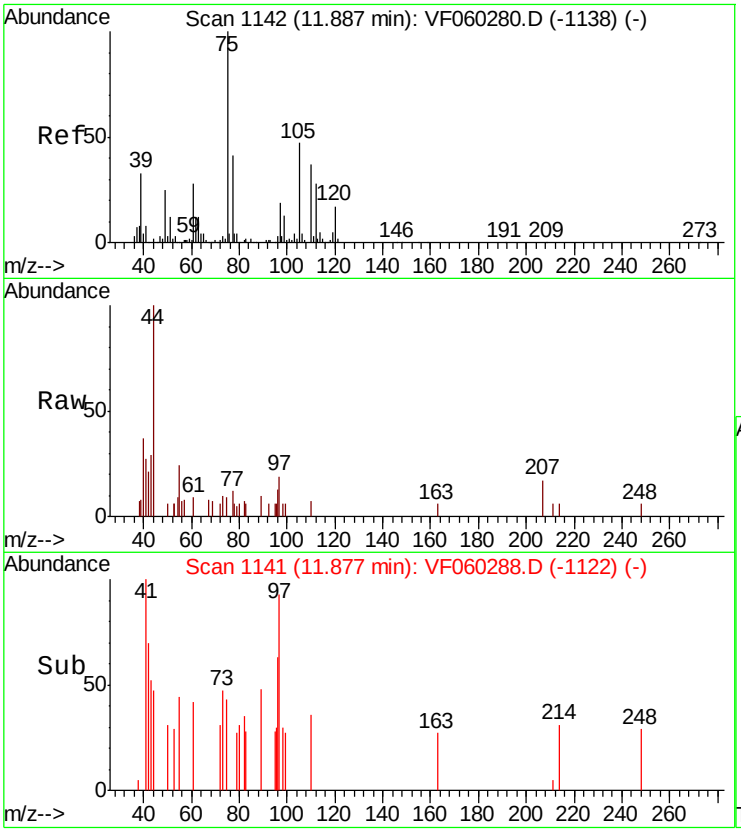


#75
1,1,2,2-Tetrachloroethane
Concen: 26.67 ug/l
RT: 11.80 min Scan# 1133
Delta R.T. 0.02 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 83 Resp: 406

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.2	12.4#
85	42.0	30.1	90.5



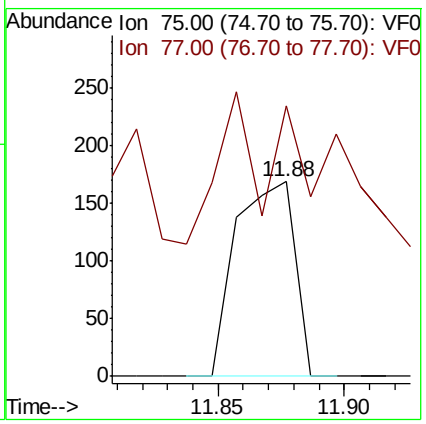


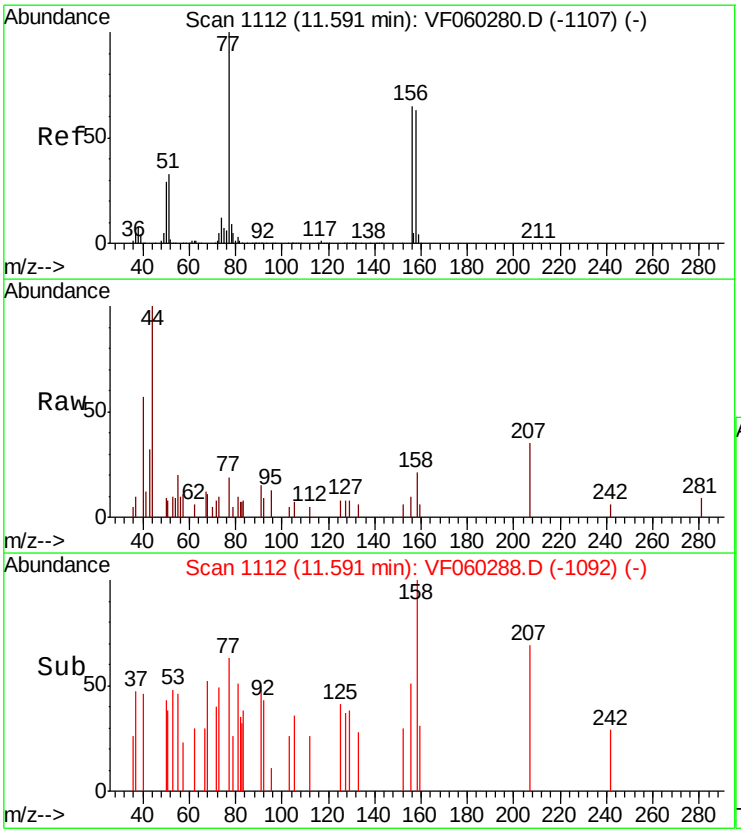
#76
1,2,3-Trichloropropane
Concen: 25.13 ug/l
RT: 11.88 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion: 75 Resp: 274

Ion	Ratio	Lower	Upper
75	100		
77	139.1	20.5	61.5#

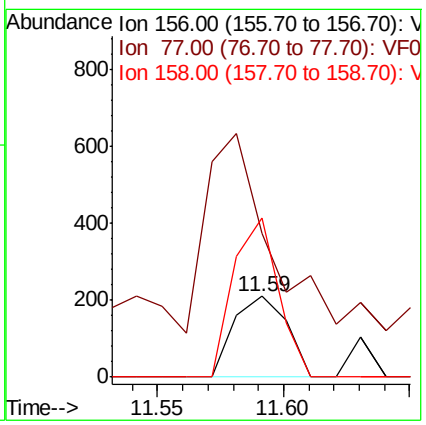


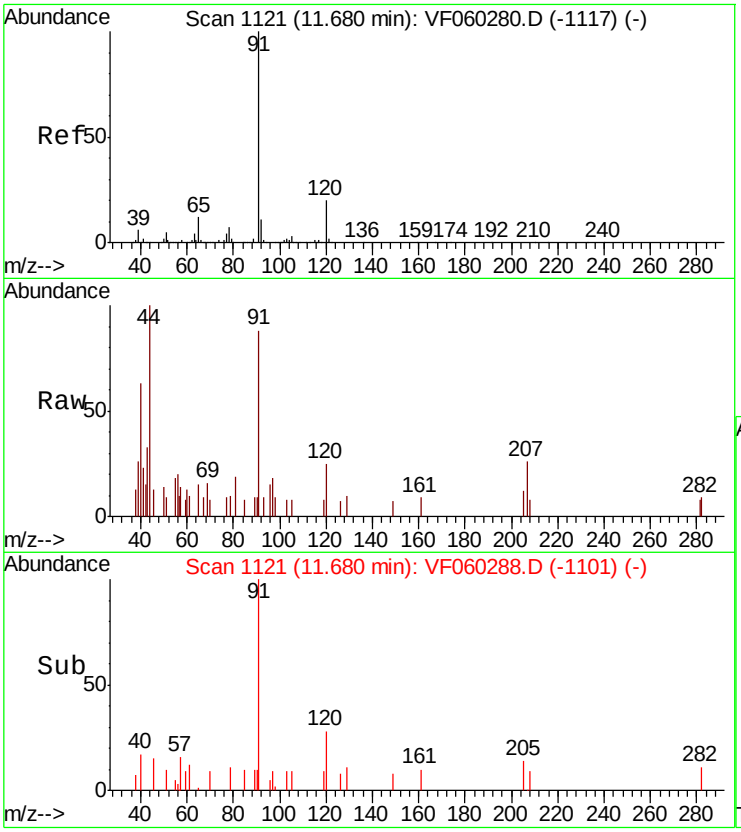


#77
Bromobenzene
Concen: 16.58 ug/l
RT: 11.59 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:156 Resp: 307

Ion	Ratio	Lower	Upper
156	100		
77	178.9	77.3	232.1
158	197.6	48.4	145.2#



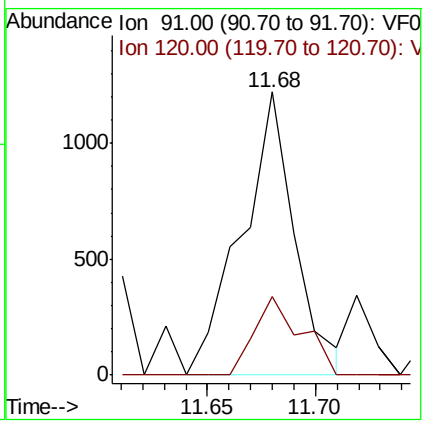


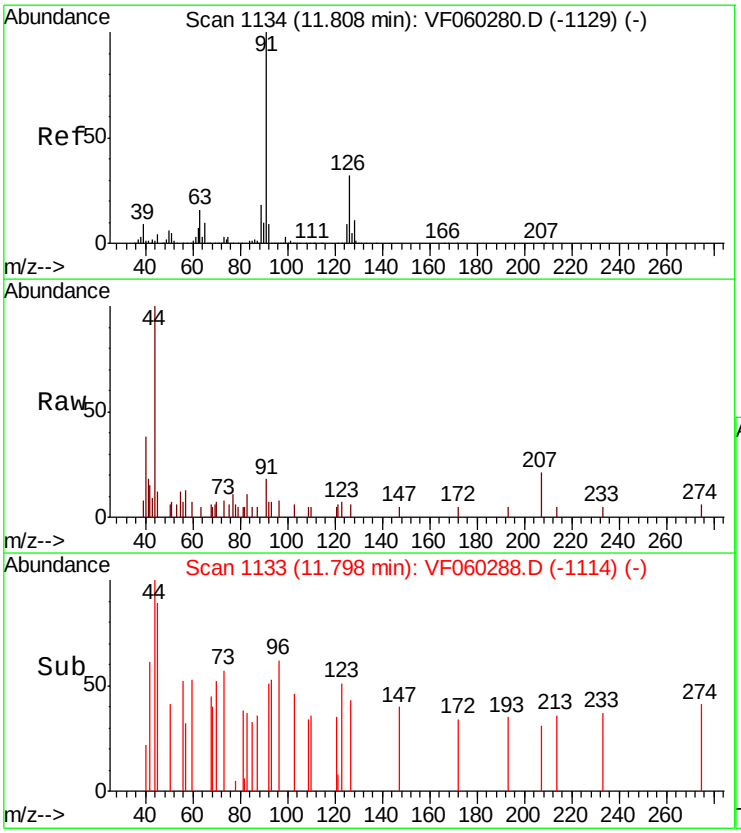
#78
n-propylbenzene
Concen: 19.48 ug/l
RT: 11.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion: 91 Resp: 2081

Ion	Ratio	Lower	Upper
91	100		
120	27.9	10.0	29.8

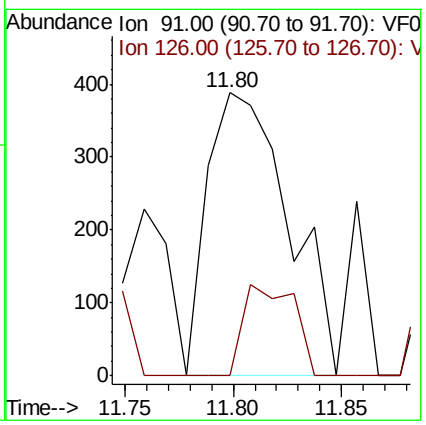


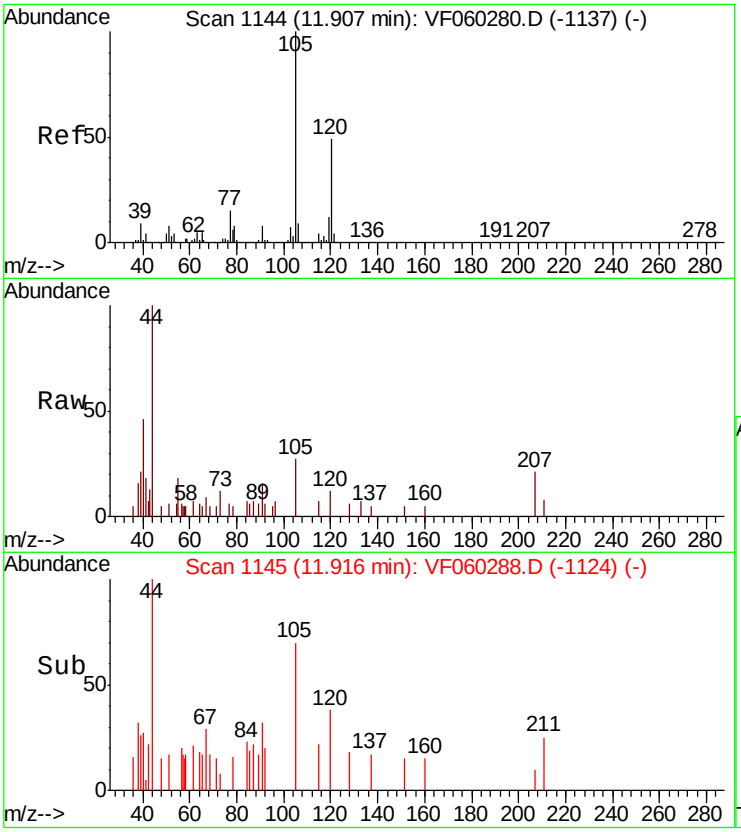


#79
2-Chlorotoluene
Concen: 17.55 ug/l
RT: 11.80 min Scan# 1133
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 91 Resp: 1017

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.1	48.3#



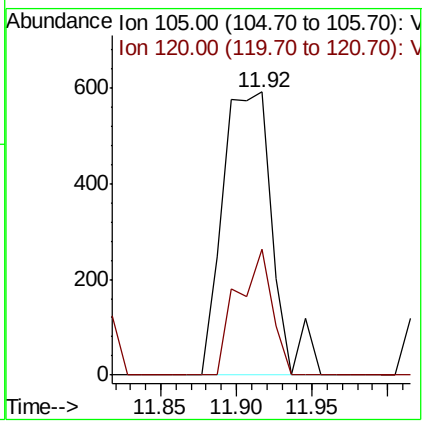


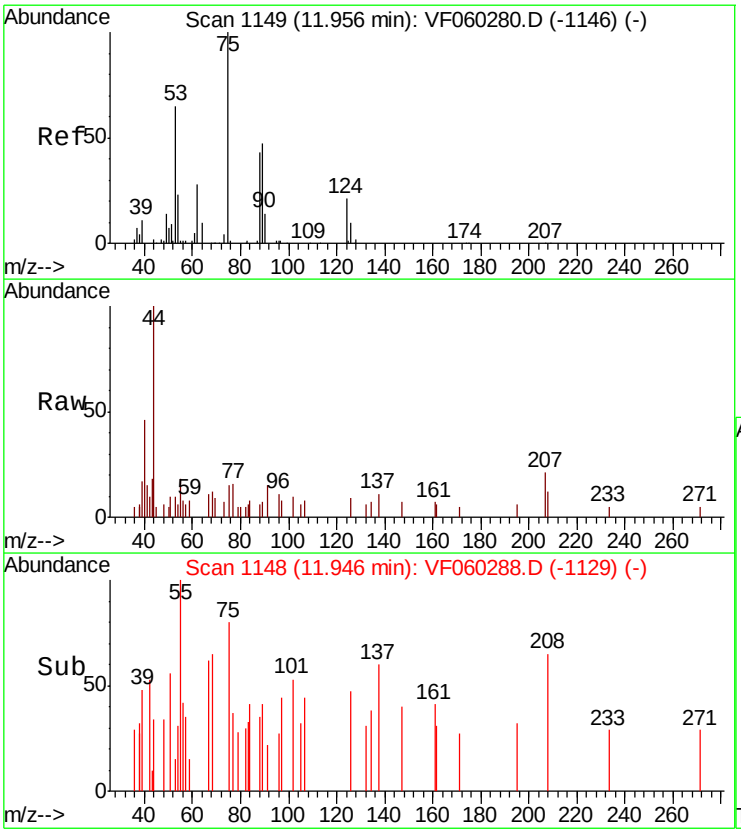
#80
1,3,5-Trimethylbenzene
Concen: 19.74 ug/l
RT: 11.92 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion:105 Resp: 1365

Ion	Ratio	Lower	Upper
105	100		
120	44.6	24.4	73.2

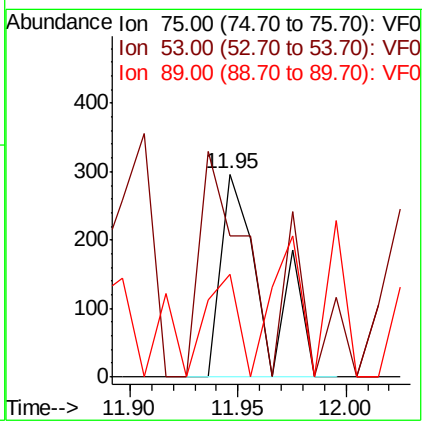


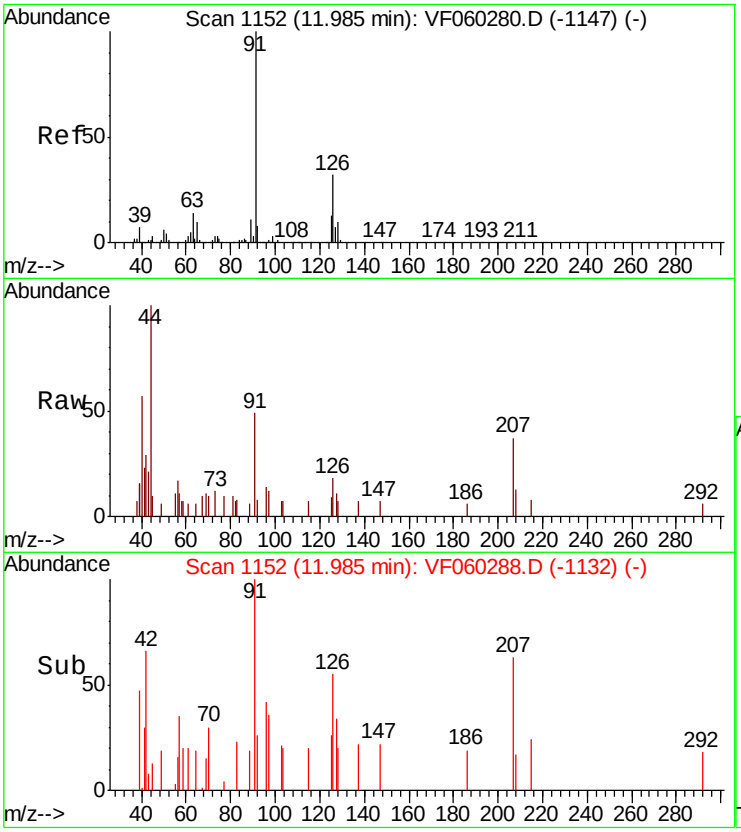


#81
trans-1,4-Dichloro-2-butene
Concen: 70.30 ug/l
RT: 11.95 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 75 Resp: 405

Ion	Ratio	Lower	Upper
75	100		
53	69.6	56.5	84.7
89	50.7	40.6	60.8



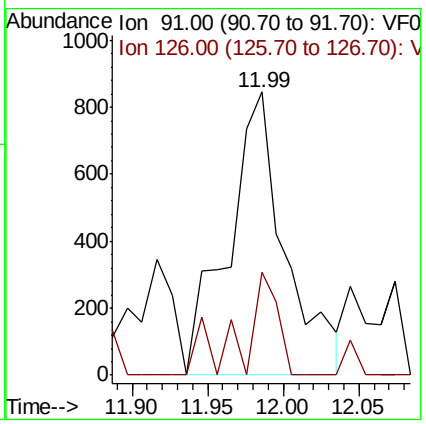


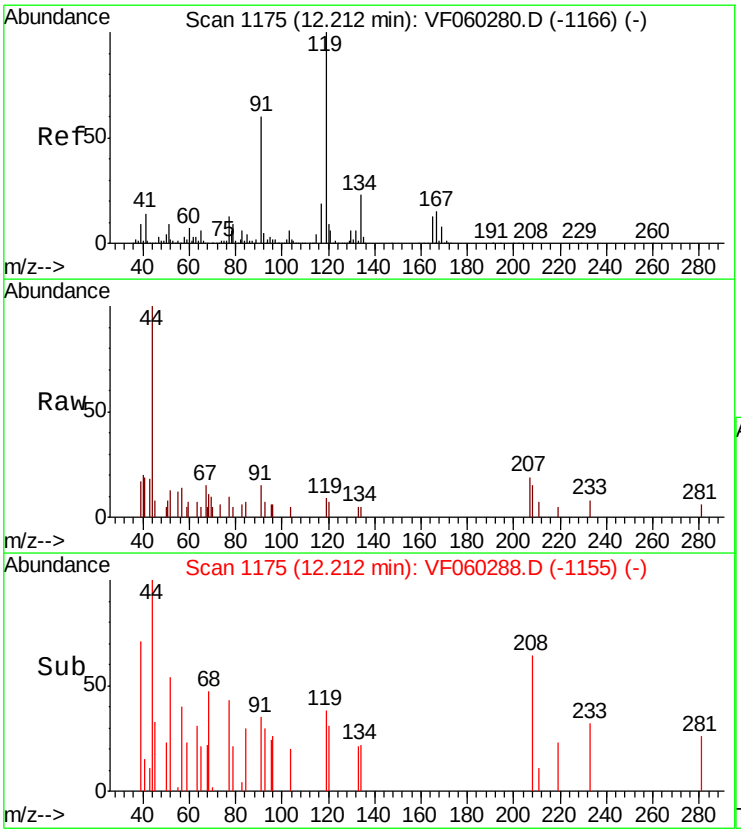
#82
4-Chlorotoluene
Concen: 37.92 ug/l
RT: 11.99 min Scan# 1152
Delta R.T. -0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion: 91 Resp: 2209

Ion	Ratio	Lower	Upper
91	100		
126	36.3	16.1	48.2

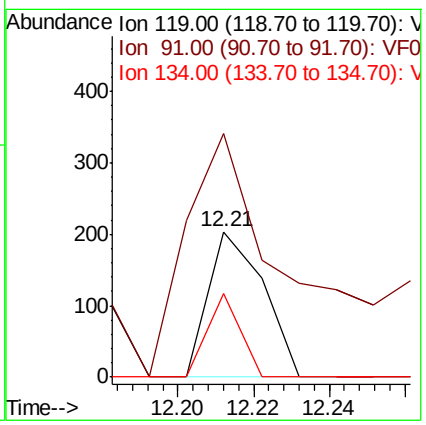


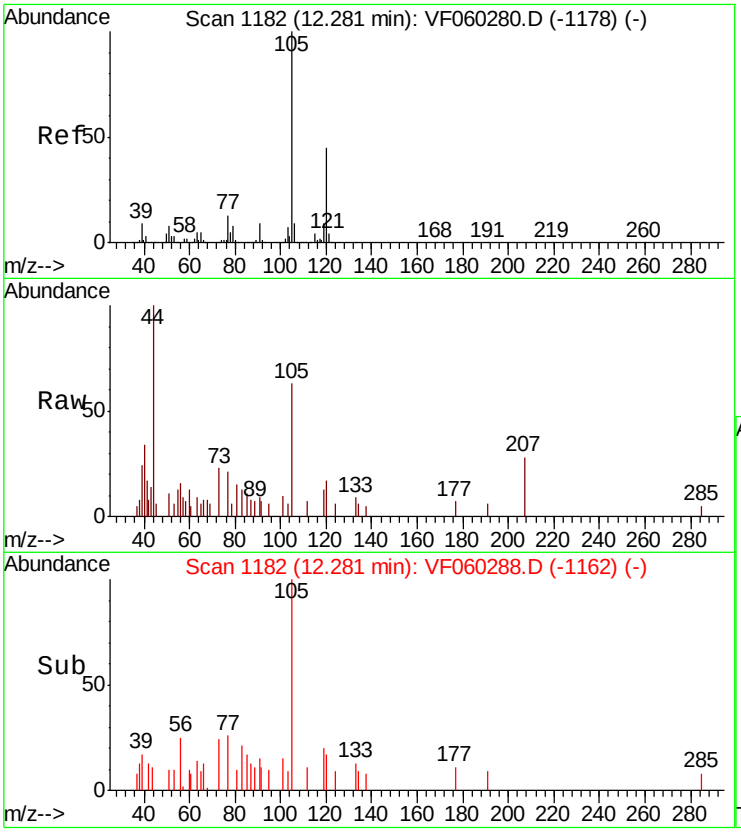


#83
tert-Butylbenzene
Concen: 2.88 ug/l
RT: 12.21 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:119 Resp: 202

Ion	Ratio	Lower	Upper
119	100		
91	167.2	30.3	91.0#
134	57.4	11.6	34.8#



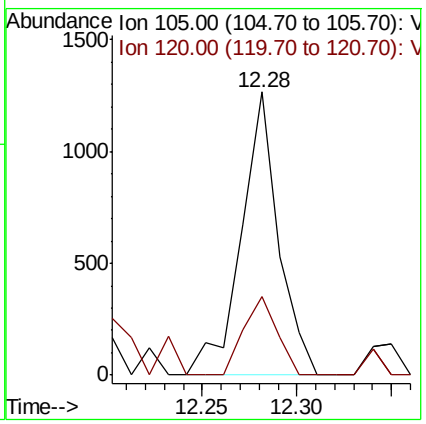


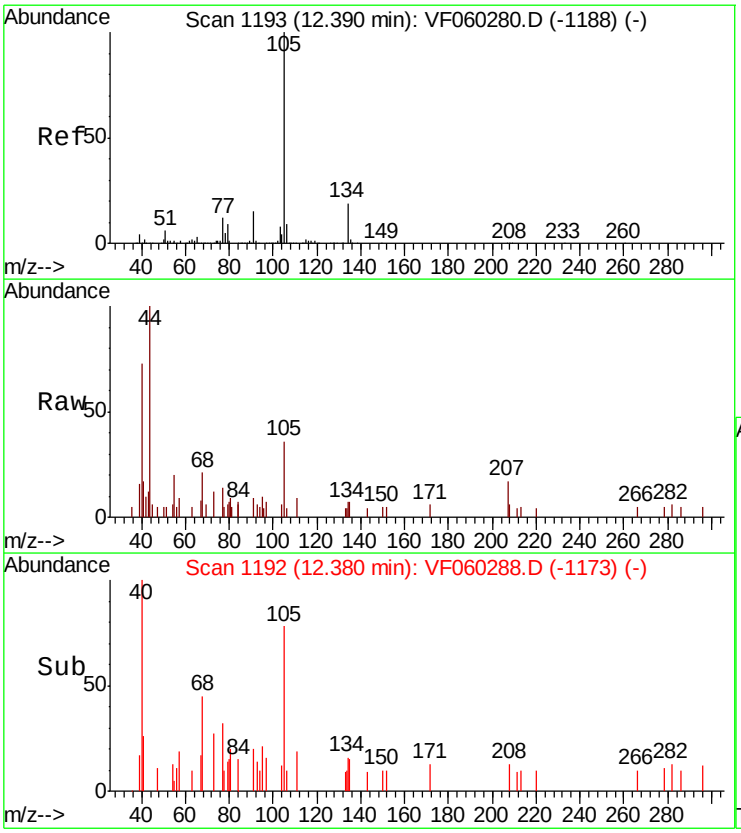
#84
1,2,4-Trimethylbenzene
Concen: 24.68 ug/l
RT: 12.28 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion:105 Resp: 1733

Ion	Ratio	Lower	Upper
105	100		
120	27.6	22.4	67.0

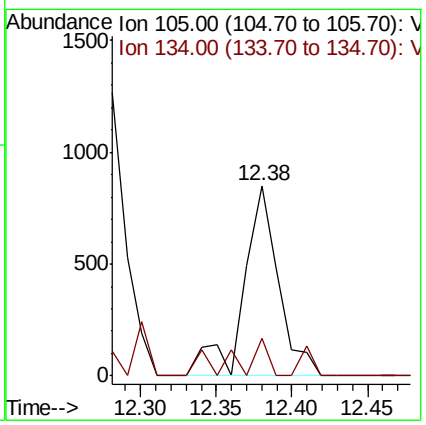


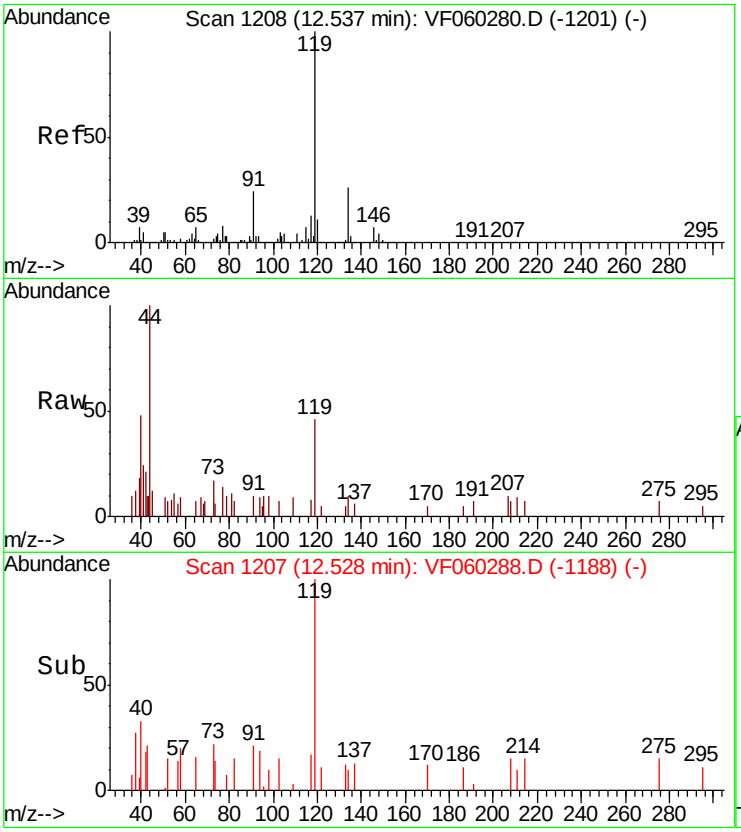


#85
sec-Butylbenzene
Concen: 10.16 ug/l
RT: 12.38 min Scan# 1192
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:105 Resp: 1373

Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.6	28.6



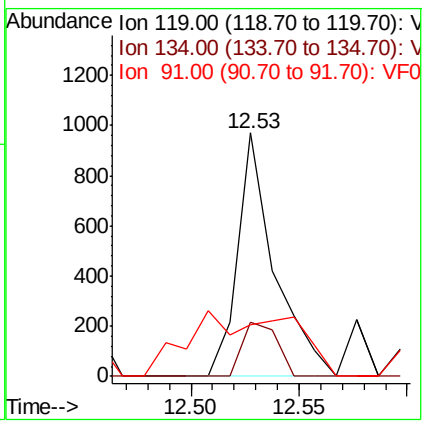


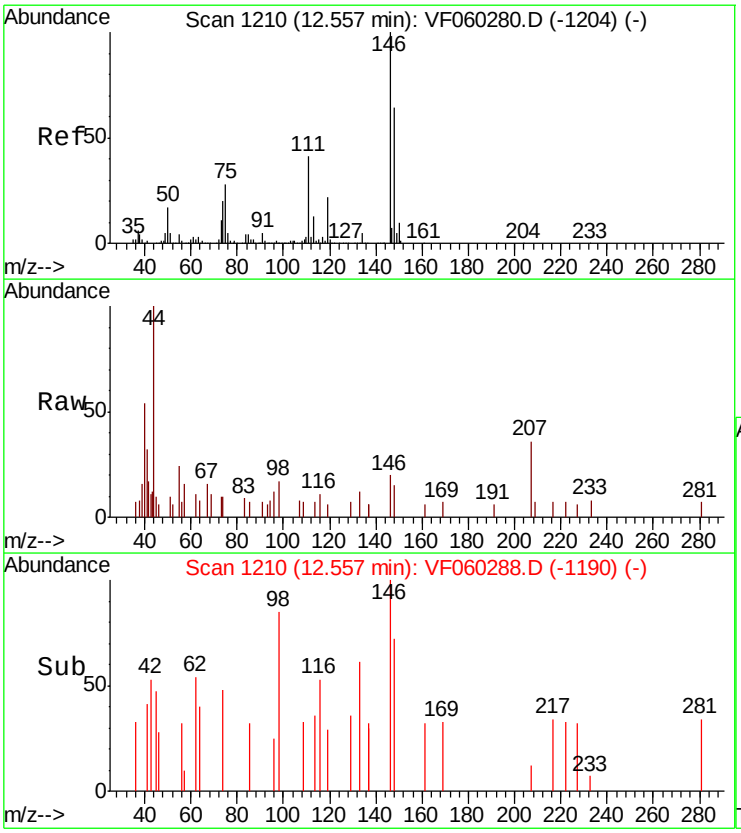
#86
p-Isopropyltoluene
Concen: 11.65 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion:119 Resp: 1156

Ion	Ratio	Lower	Upper
119	100		
134	22.5	12.9	38.7
91	21.4	11.9	35.7

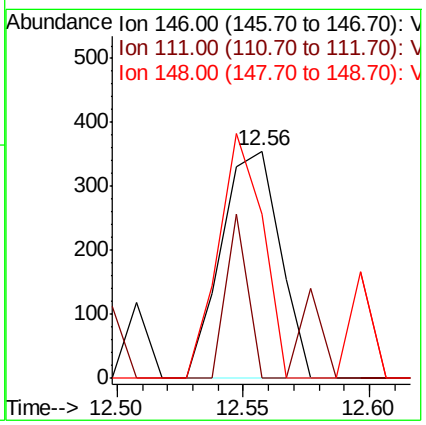


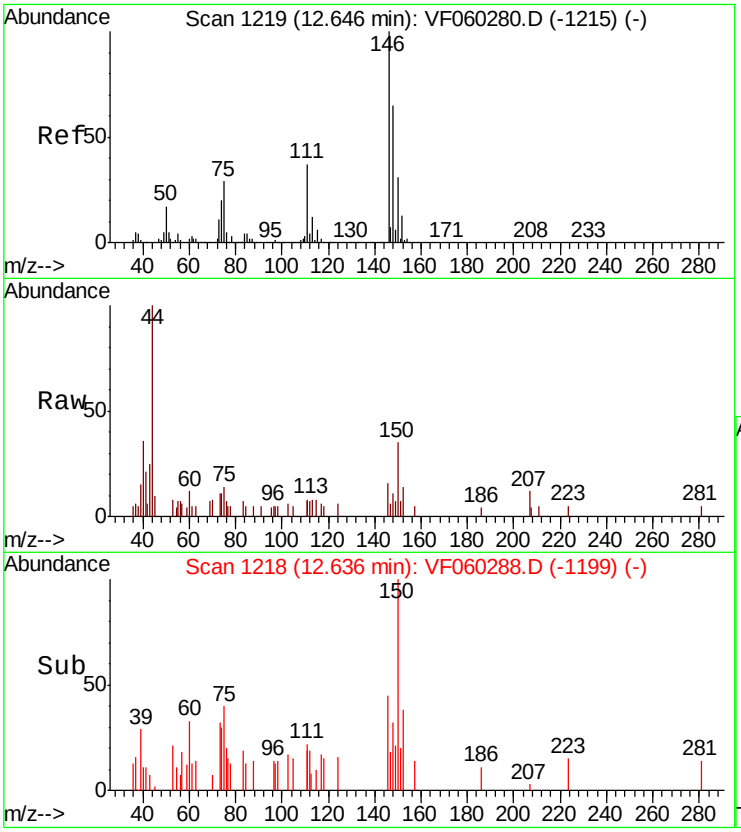


#87
1,3-Dichlorobenzene
Concen: 16.59 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:146 Resp: 574

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.5	61.6#
148	72.4	32.2	96.6



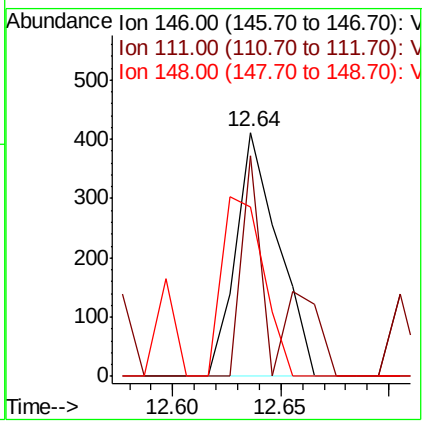


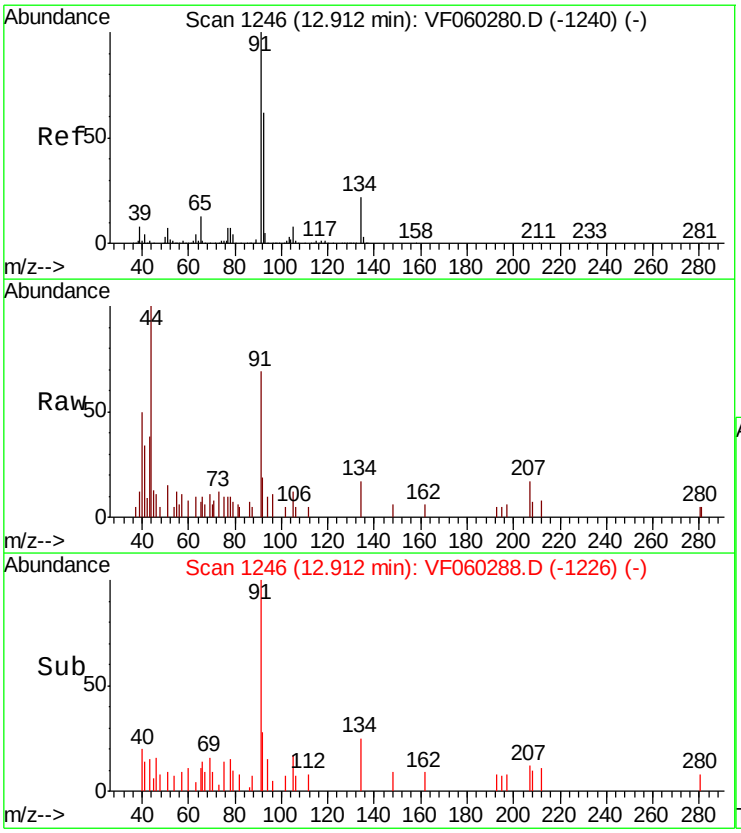
#88
1,4-Dichlorobenzene
Concen: 16.58 ug/l
RT: 12.64 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion:146 Resp: 567

Ion	Ratio	Lower	Upper
146	100		
111	90.5	18.7	56.1#
148	69.6	32.4	97.0

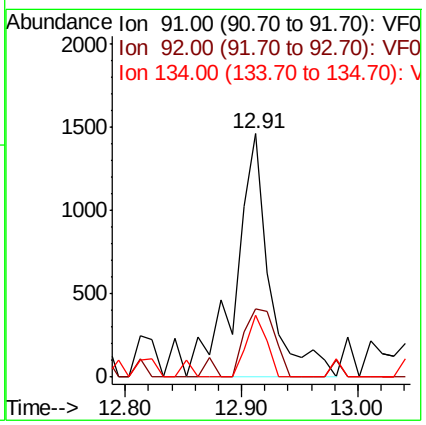


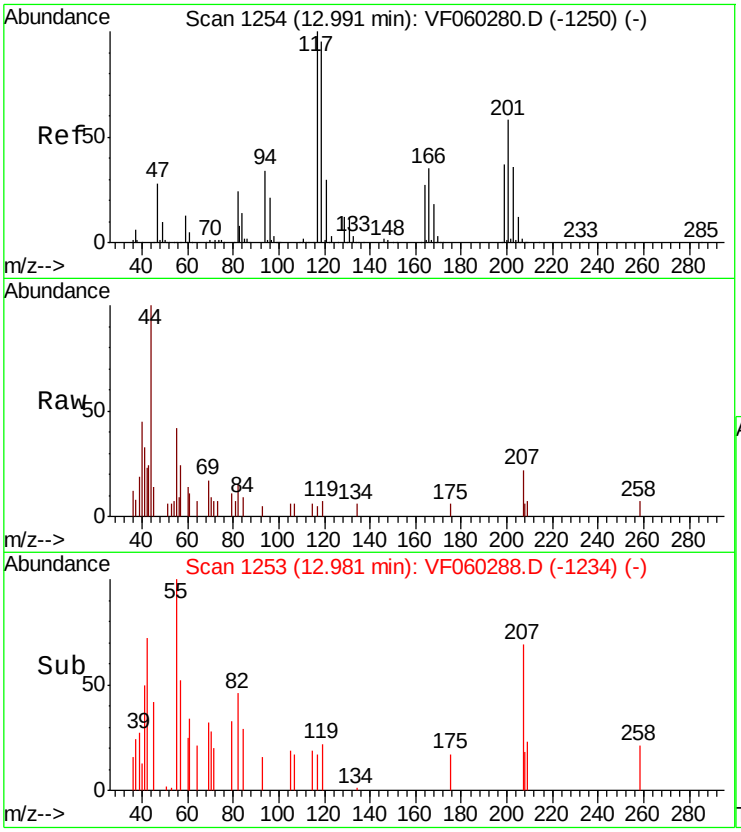


#89
n-Butylbenzene
Concen: 38.75 ug/l
RT: 12.91 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion: 91 Resp: 2951

Ion	Ratio	Lower	Upper
91	100		
92	28.0	31.1	93.5#
134	25.4	11.0	33.0



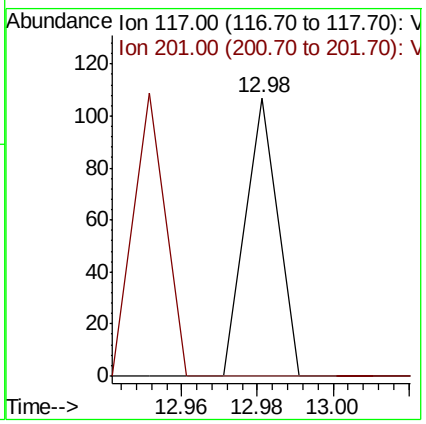


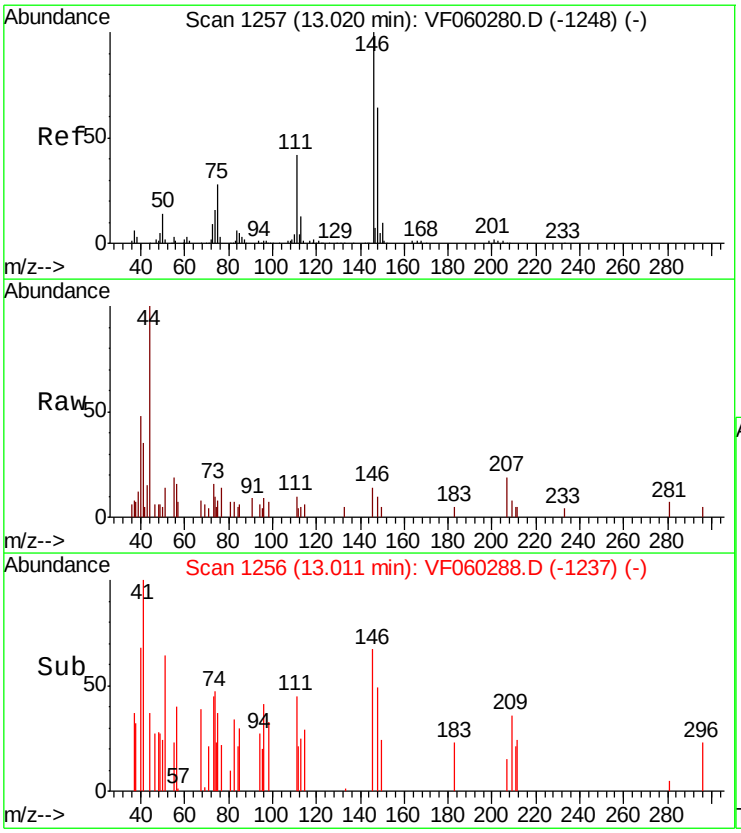
#90
Hexachloroethane
Concen: 3.21 ug/l
RT: 12.98 min Scan# 1253
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion:117 Resp: 63

Ion	Ratio	Lower	Upper
117	100		
201	0.0	29.0	87.0#

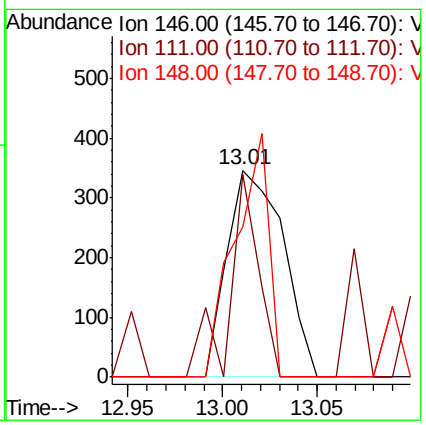


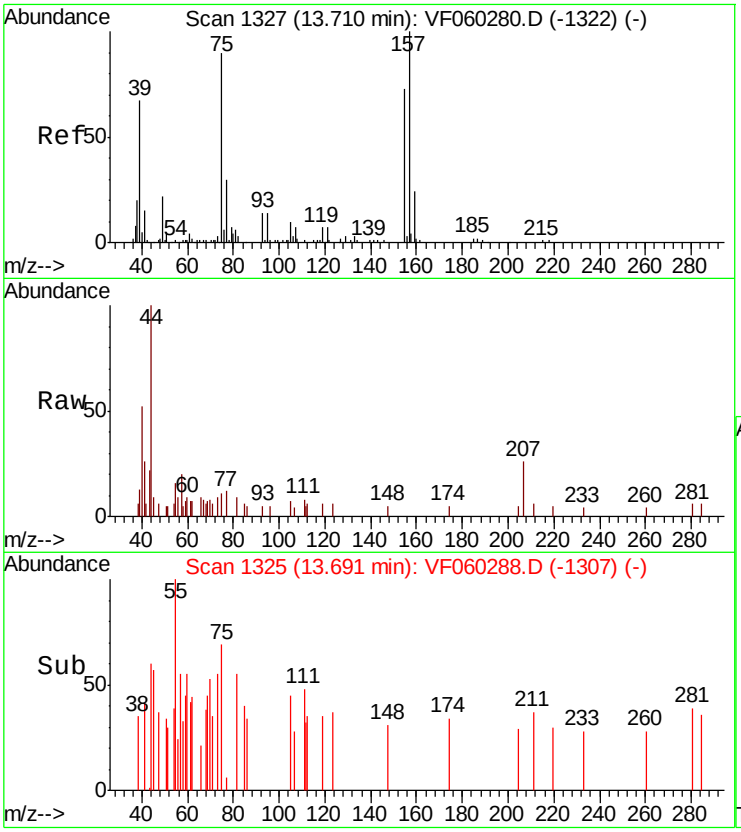


#91
1,2-Dichlorobenzene
Concen: 21.54 ug/l
RT: 13.01 min Scan# 1256
Delta R.T. -0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:146 Resp: 711

Ion	Ratio	Lower	Upper
146	100		
111	98.3	20.9	62.8#
148	72.5	31.9	95.9



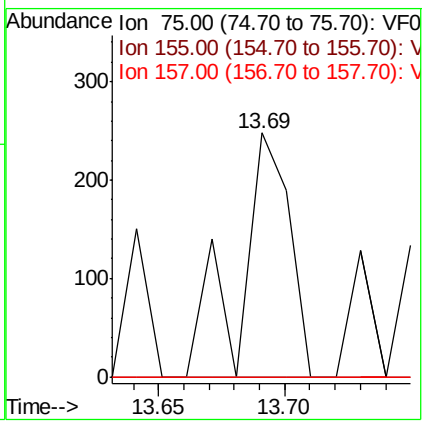


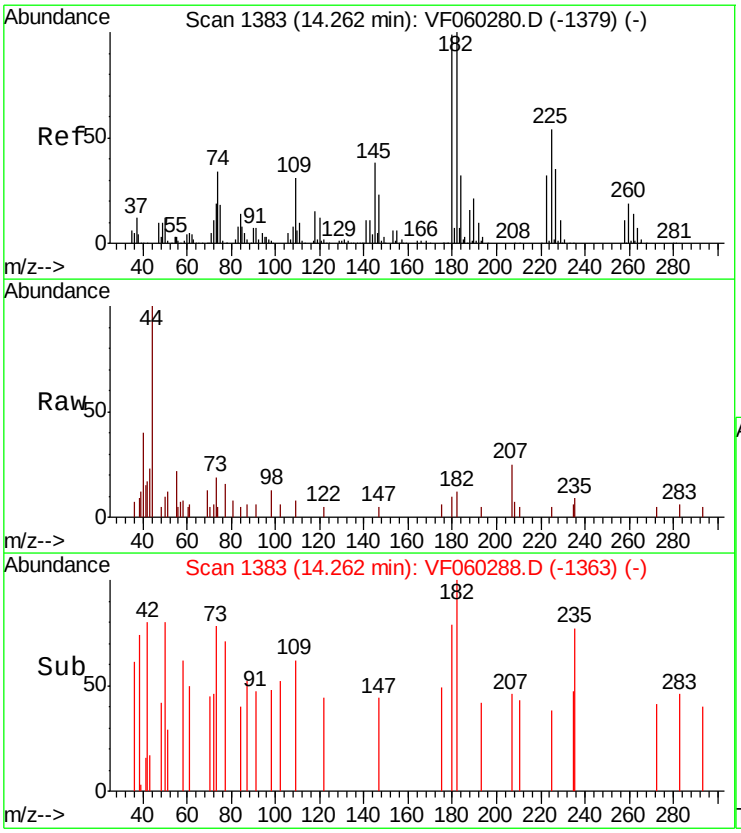
#92
1,2-Dibromo-3-Chloropropane
Concen: 119.64 ug/l
RT: 13.69 min Scan# 1325
Delta R.T. -0.02 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion: 75 Resp: 342

Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.9	125.7#
157	0.0	57.4	172.0#

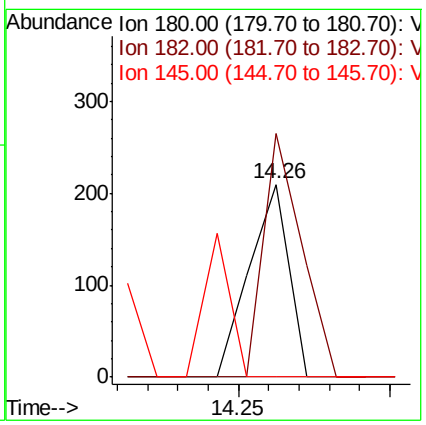


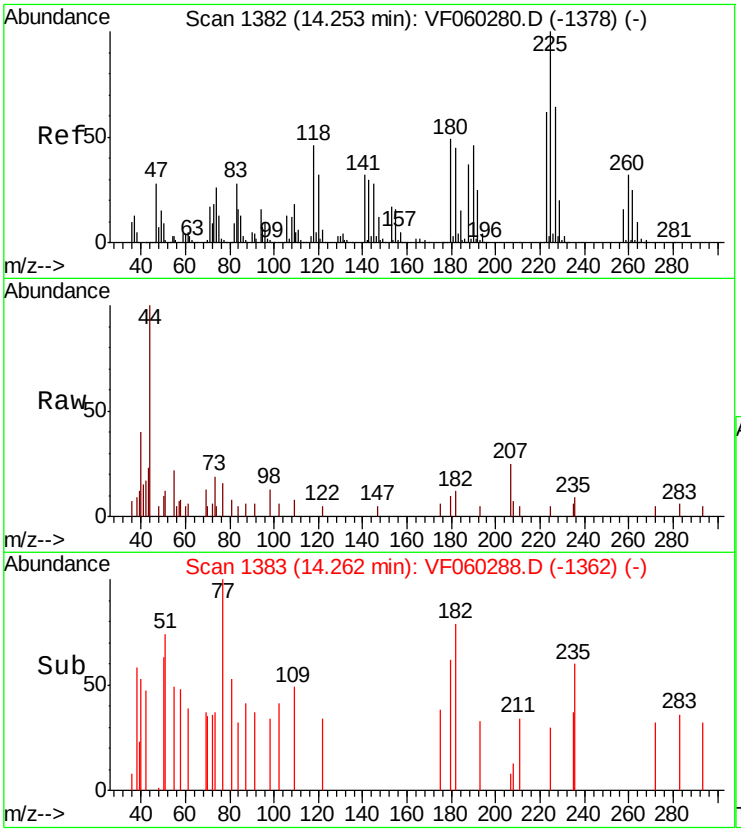


#93
1,2,4-Trichlorobenzene
Concen: 7.92 ug/l
RT: 14.26 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:180 Resp: 190

Ion	Ratio	Lower	Upper
180	100		
182	126.2	50.3	151.0
145	0.0	18.9	56.9#



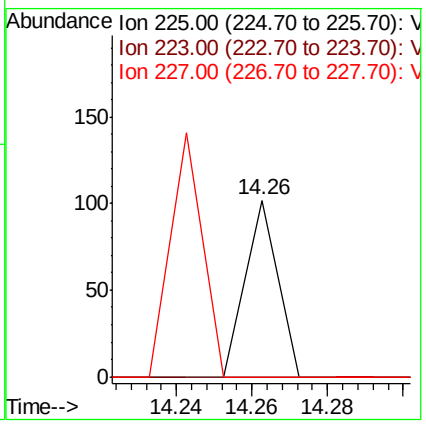


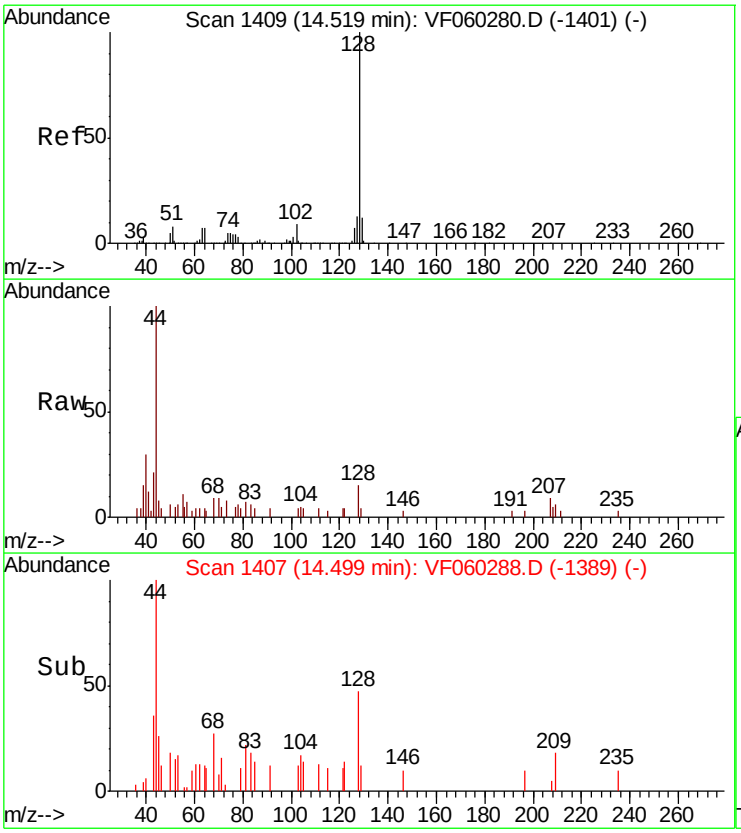
#94
Hexachlorobutadiene
Concen: 3.70 ug/l
RT: 14.26 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument : MSVOA_F
ClientSampleId : NS-SLUDGERE

Tgt Ion:225 Resp: 60

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.2	93.6#
227	0.0	32.2	96.6#

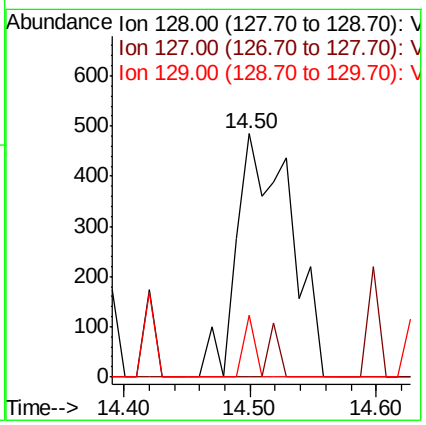


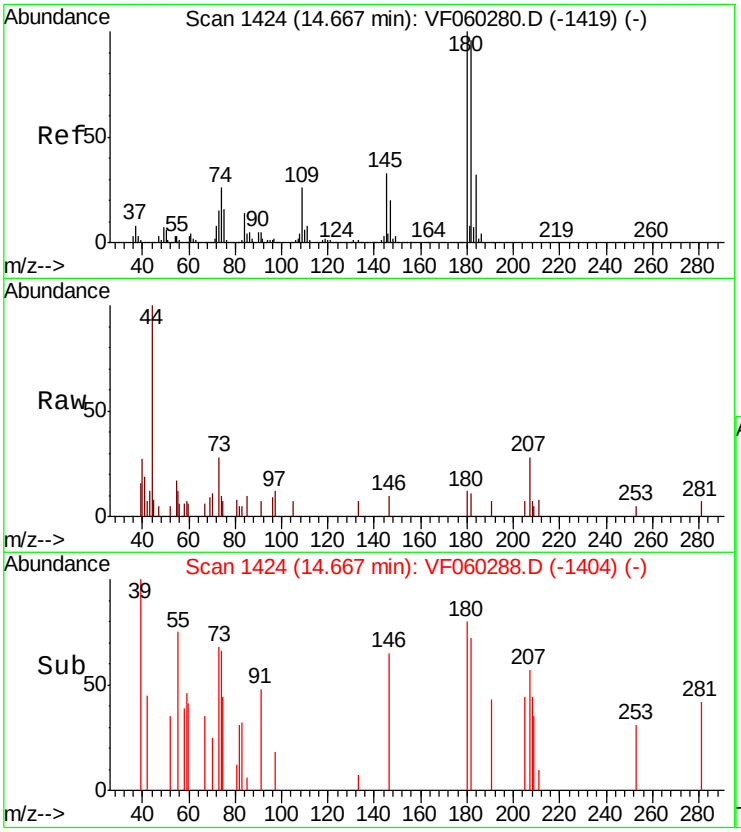


#95
Naphthalene
Concen: 34.02 ug/l
RT: 14.50 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Tgt Ion:128 Resp: 1431

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	25.4	9.8	14.8#





#96
1,2,3-Trichlorobenzene
Concen: 13.49 ug/l
RT: 14.67 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VF060288.D
Acq: 19 Sep 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
NS-SLUDGERE

Tgt Ion:180 Resp: 299

Ion	Ratio	Lower	Upper
180	100		
182	90.3	47.8	143.4
145	0.0	16.4	49.1#