Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031720\
Data File : VY001995.D
Acq On : 17 Mar 2020 16:03
Operator : SY/MD
Sample : L1957-01
Misc : 5.14G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : DRILL-CUTTINGS

Quant Time: Mar 17 17:22:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.81	168	126841	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.71	114	237792	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.50	117	213591	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	89757	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	72661	53.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.32%				
35) Dibromofluoromethane	7.74	113	70438	54.25	ug/l		-0.01
Spiked Amount 50.000			Recovery = 108.50%				
50) Toluene-d8	10.19	98	287565	52.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.04%				
62) 4-Bromofluorobenzene	12.49	95	92743	48.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.42%				
Target Compounds							Qvalue
5) Bromomethane	2.68	94	170	Below Cal		#	4
11) Tert butyl alcohol	4.96	59	1437	Below Cal		#	74
16) Acetone	3.99	43	2069	5.25	ug/l		92
20) Methylene Chloride	4.74	84	13780	8.15	ug/l	#	91
25) 2-Butanone	7.00	43	1243	2.07	ug/l	#	49
29) Tetrahydrofuran	7.38	42	5651	14.19	ug/l		97
31) Cyclohexane	7.80	56	3147	1.06	ug/l	#	1
36) 1,1-Dichloropropene	7.81	75	10638	4.65	ug/l	#	50
38) Carbon Tetrachloride	7.81	117	13167	6.74	ug/l	#	16
41) Methacrylonitrile	7.37	41	3220	5.38	ug/l	#	22
51) 4-Methyl-2-Pentanone	10.08	43	5689	4.39	ug/l		94
76) 1,2,3-Trichloropropane	12.49	75	48307	45.36	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.49	75	48307	91.62	ug/l	#	17

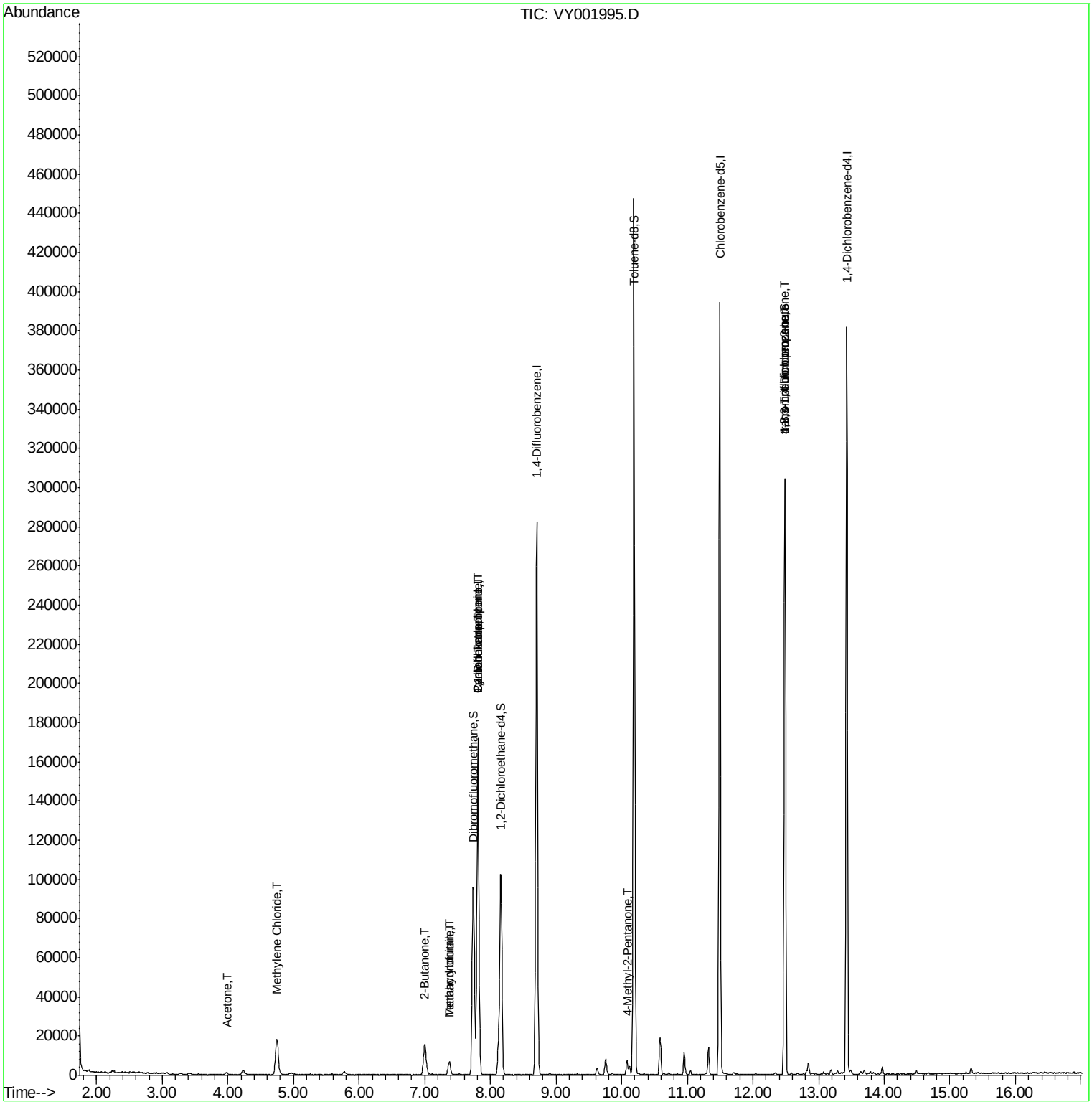
(#) = qualifier out of range (m) = manual integration (+) = signals summed

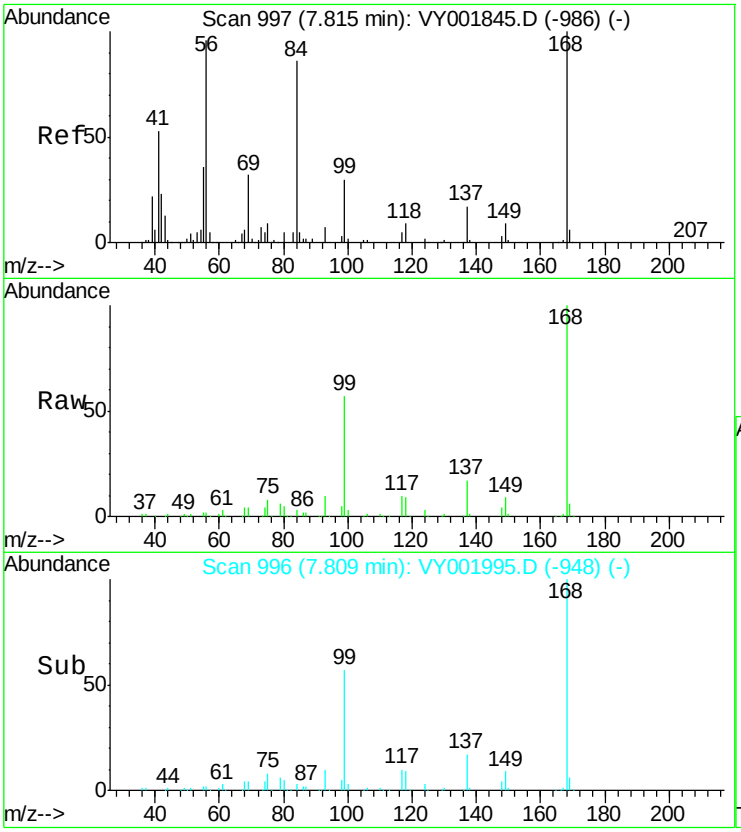
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031720\
Data File : VY001995.D
Acq On : 17 Mar 2020 16:03
Operator : SY/MD
Sample : L1957-01
Misc : 5.14G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Quant Time: Mar 17 17:22:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration



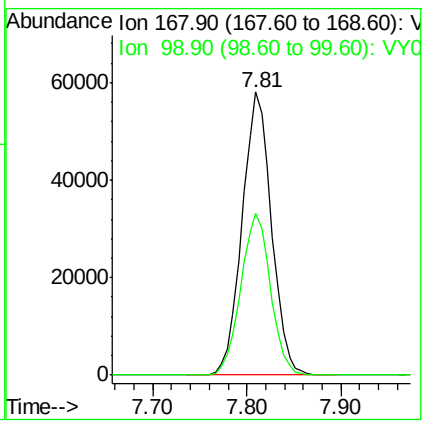


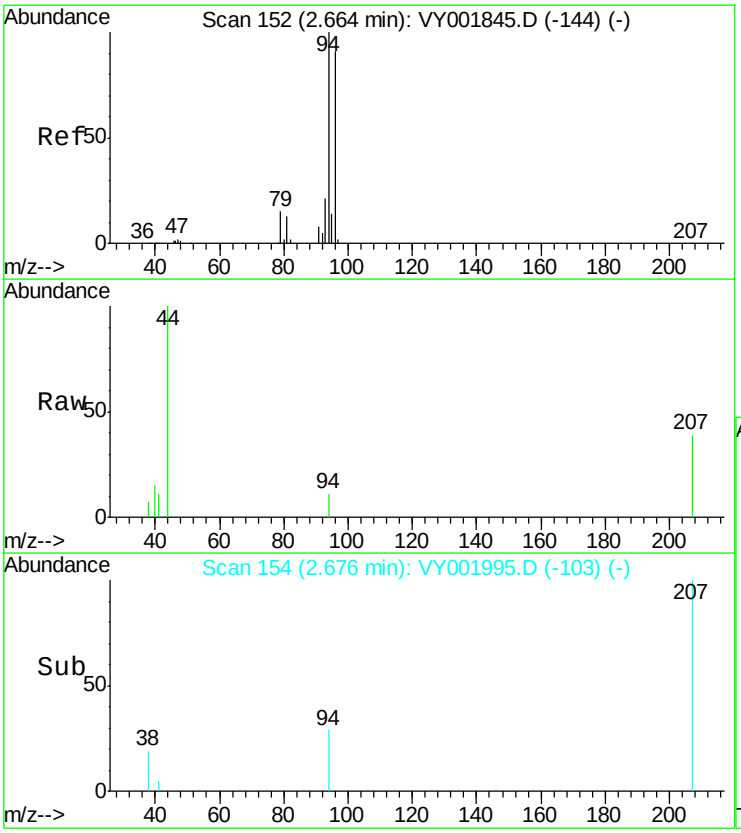
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion:168 Resp: 126841

Ion	Ratio	Lower	Upper
168	100		
99	57.0	46.7	70.1

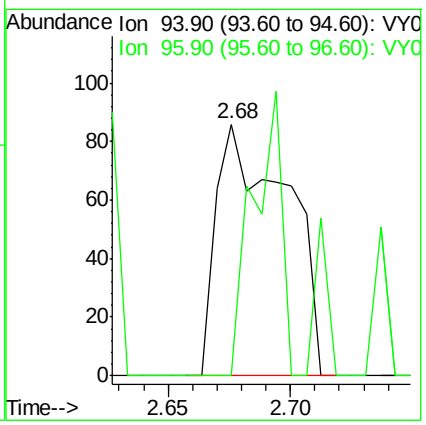


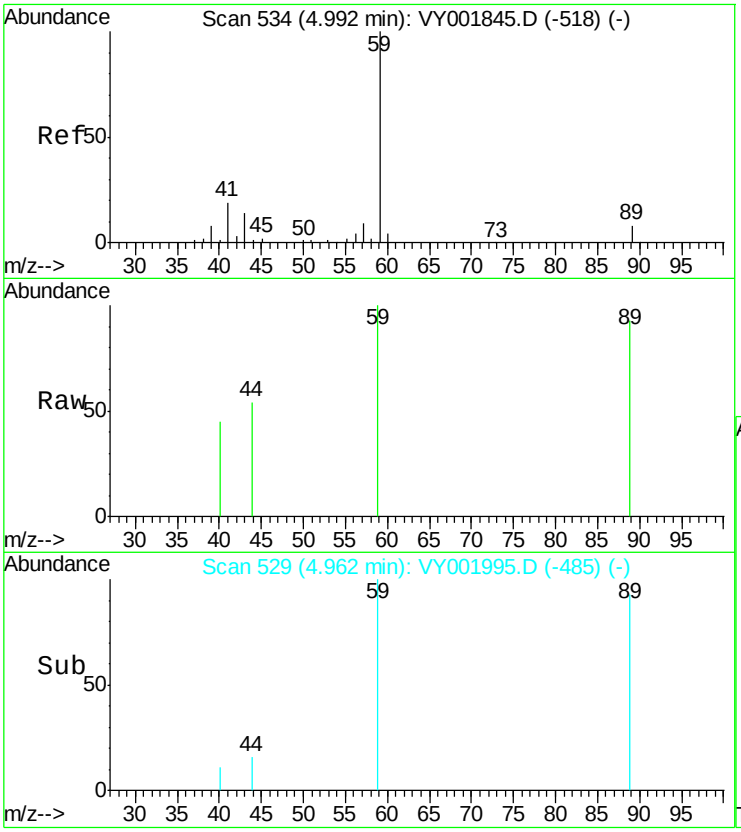


#5
Bromomethane
Concen: Below Cal
RT: 2.68 min Scan# 154
Delta R.T. 0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion: 94 Resp: 170

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.2	109.8#



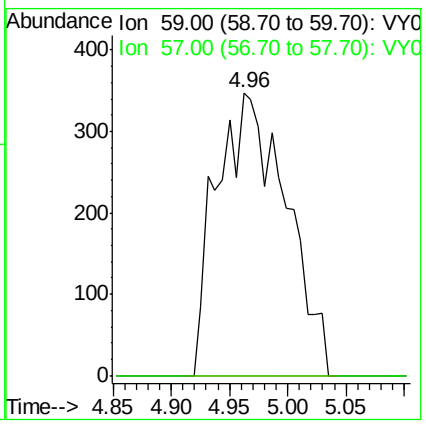


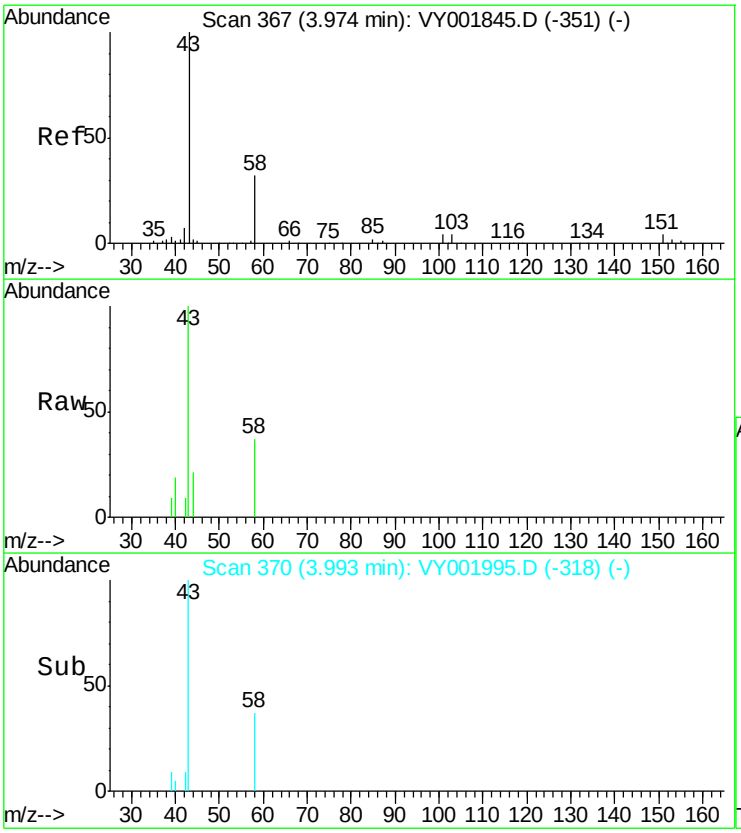
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.96 min Scan# 529
Delta R.T. -0.03 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion: 59 Resp: 1437

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#

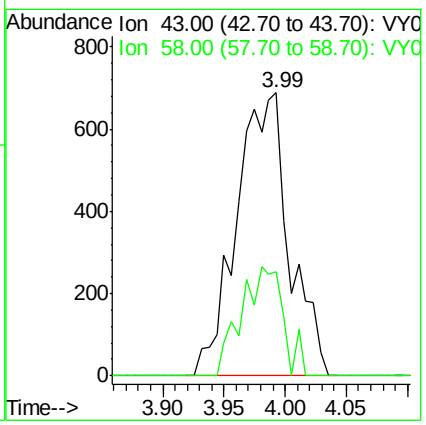


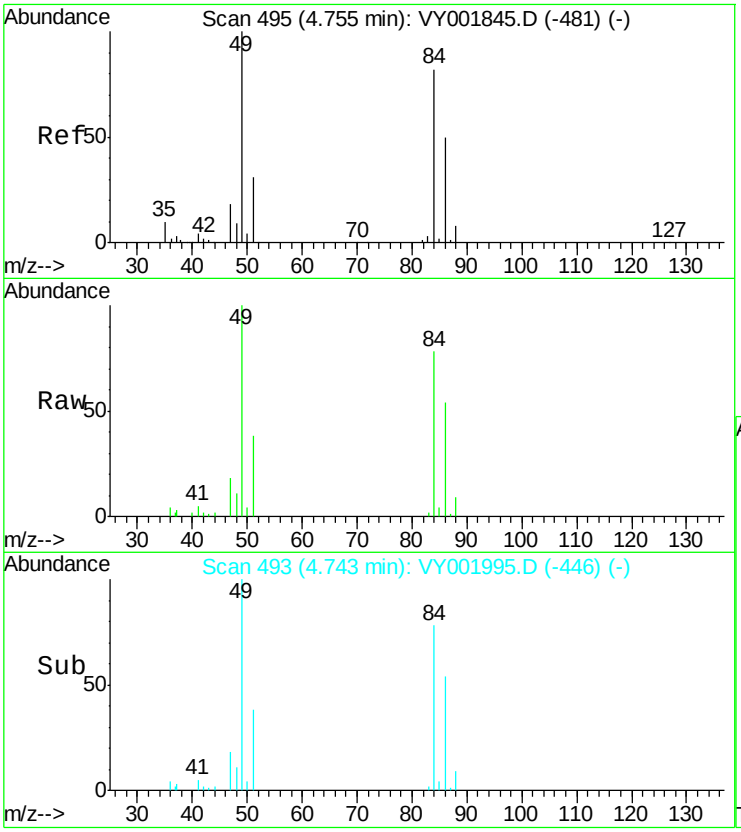


#16
Acetone
Concen: 5.25 ug/l
RT: 3.99 min Scan# 370
Delta R.T. 0.02 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion: 43 Resp: 2069

Ion	Ratio	Lower	Upper
43	100		
58	36.8	25.9	38.9



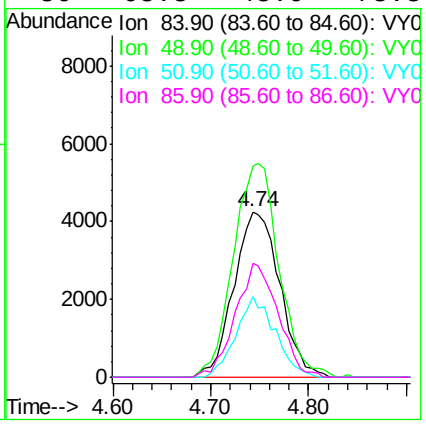


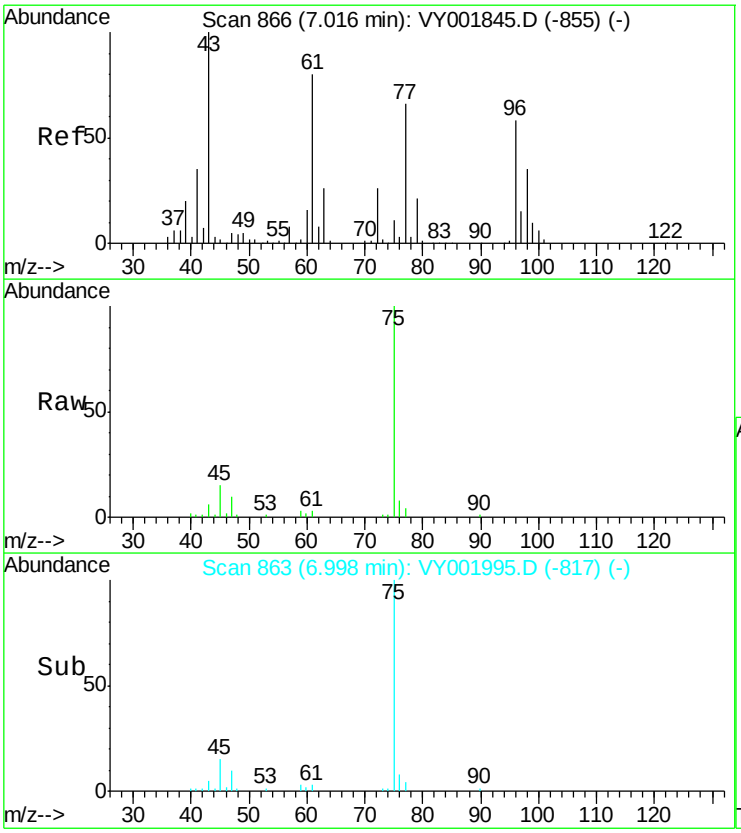
#20
Methylene Chloride
Concen: 8.15 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion: 84 Resp: 13780

Ion	Ratio	Lower	Upper
84	100		
49	128.3	98.2	147.2
51	48.9	30.2	45.2#
86	68.8	48.9	73.3

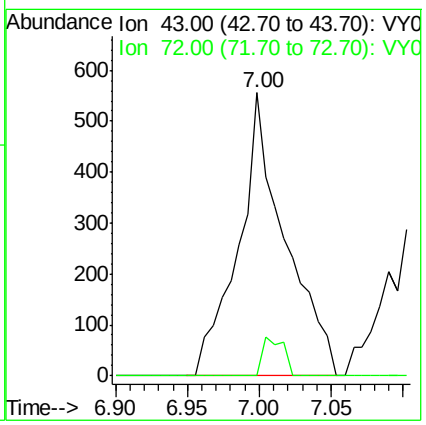


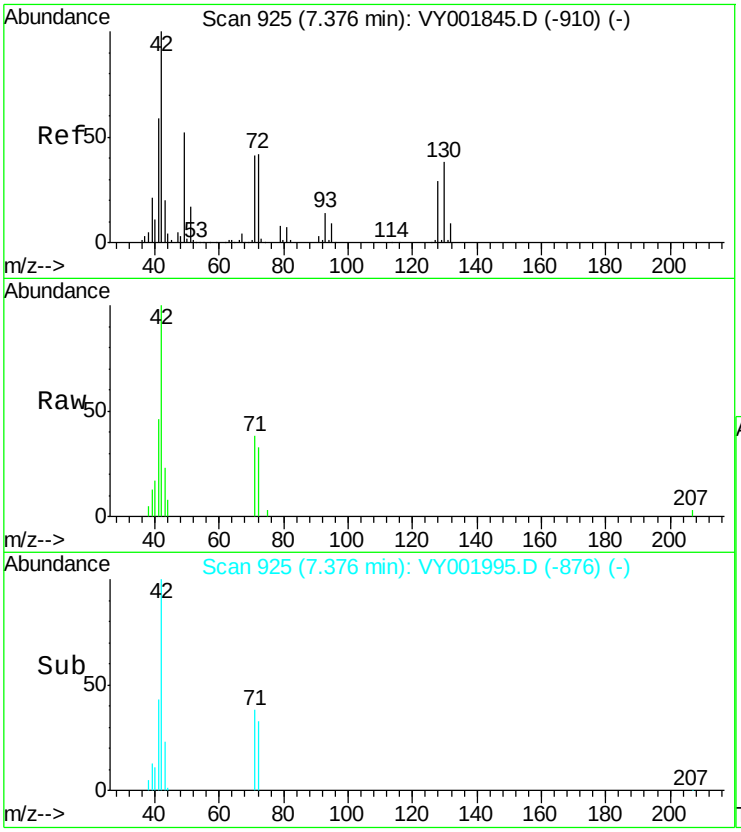


#25
2-Butanone
Concen: 2.07 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion: 43 Resp: 1243

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.9	31.3#



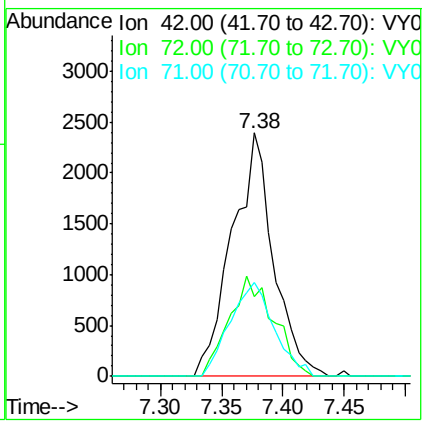


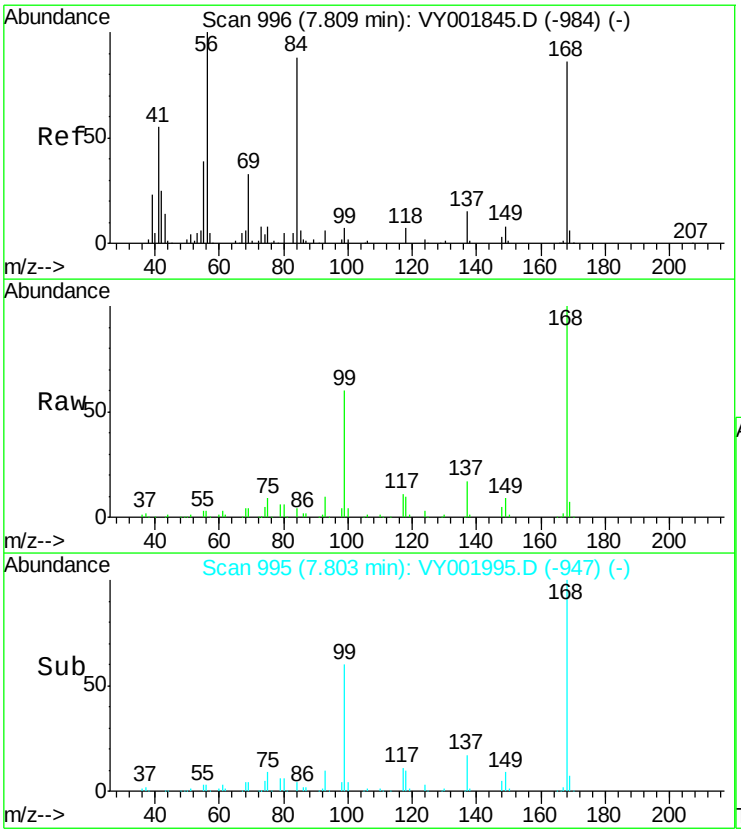
#29
Tetrahydrofuran
Concen: 14.19 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion: 42 Resp: 5651

Ion	Ratio	Lower	Upper
42	100		
72	43.9	33.5	50.3
71	41.0	31.3	46.9

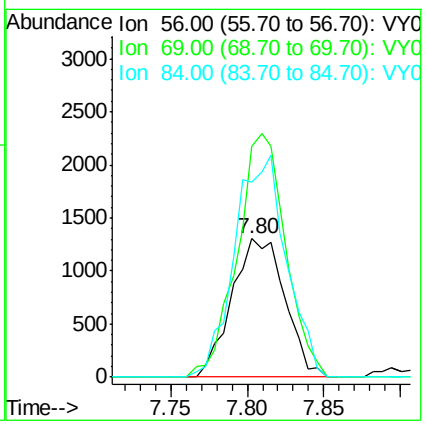


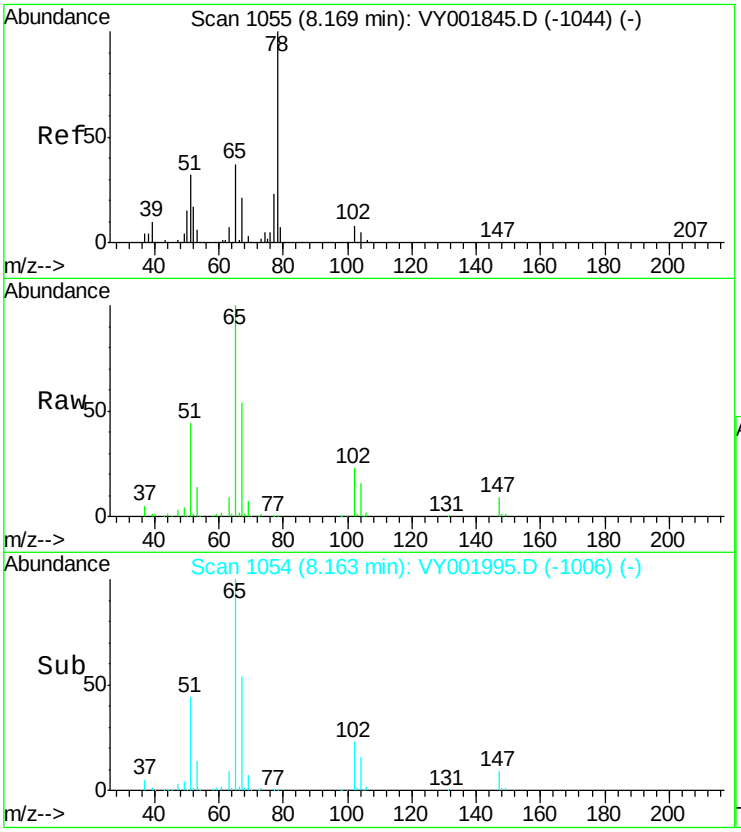


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion: 56 Resp: 3147

Ion	Ratio	Lower	Upper
56	100		
69	166.9	26.7	40.1#
84	140.8	70.4	105.6#



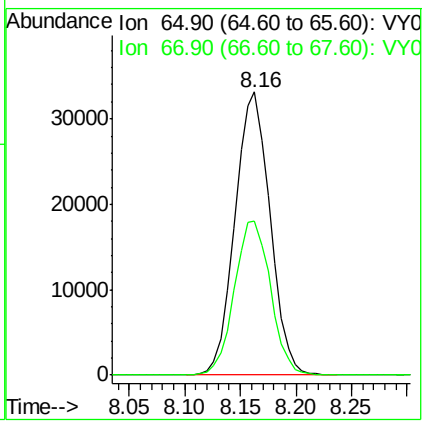


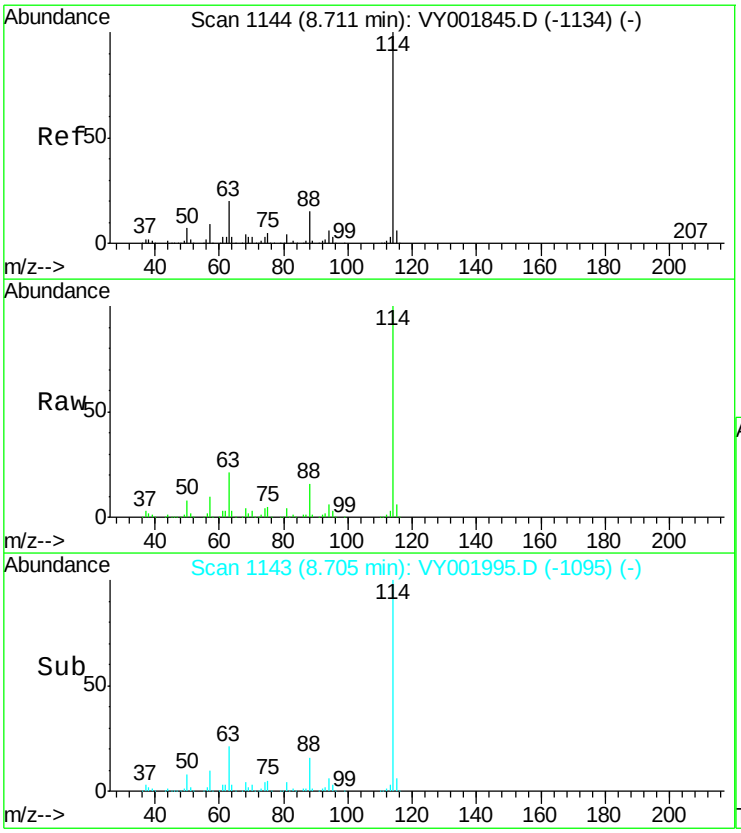
#33
1,2-Dichloroethane-d4
Concen: 53.66 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion: 65 Resp: 72661

Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	110.8

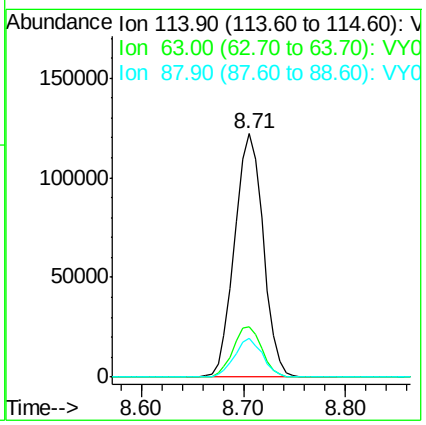


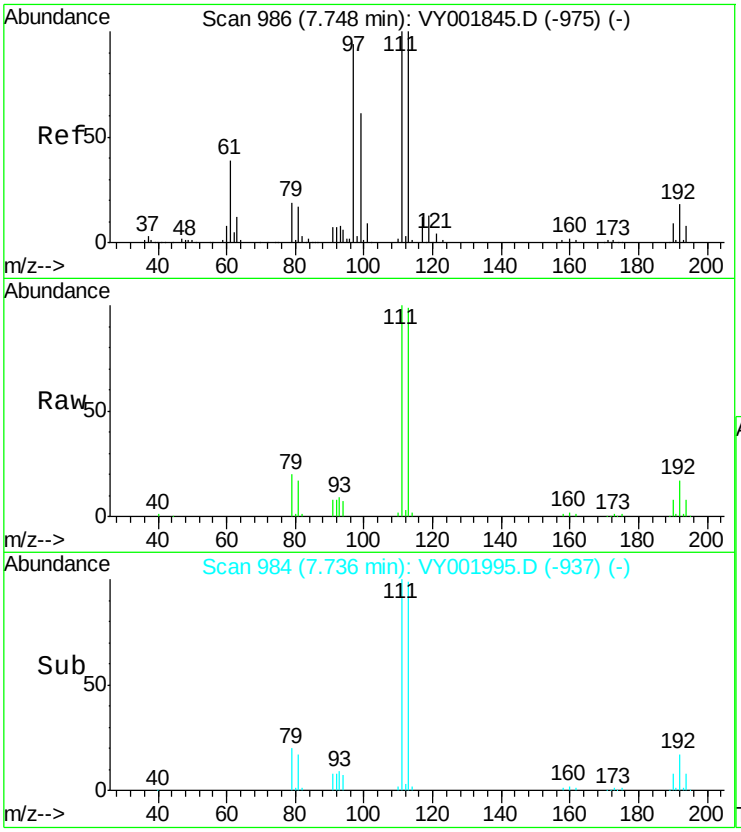


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion:114 Resp: 237792

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.4
88	16.0	0.0	30.4



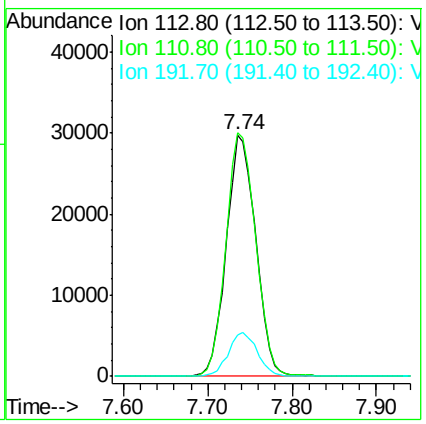


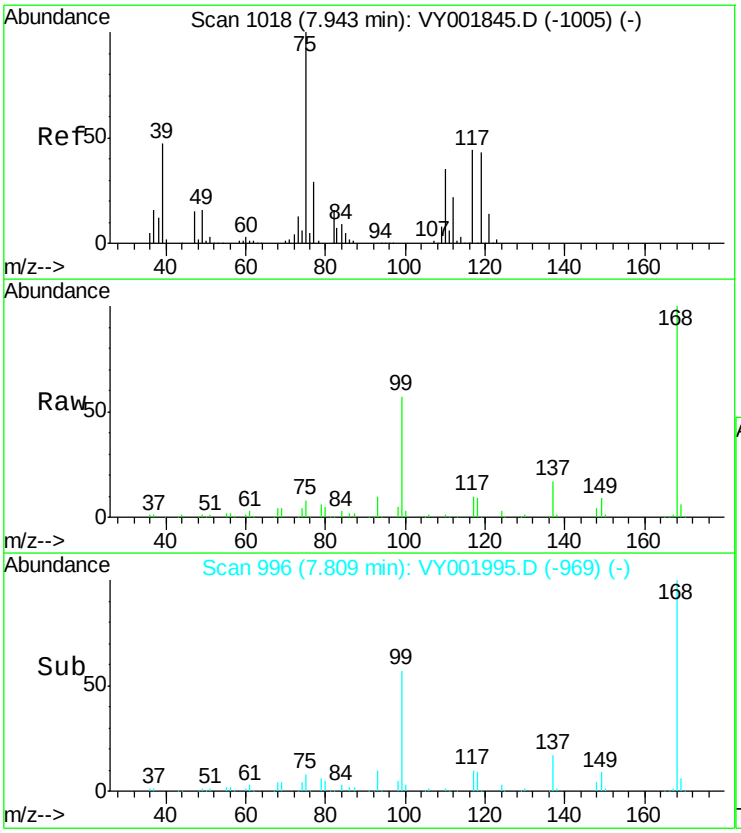
#35
Dibromofluoromethane
Concen: 54.25 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion:113 Resp: 70438

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	17.7	14.2	21.2

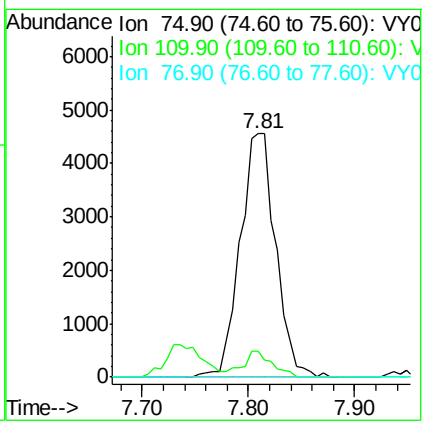


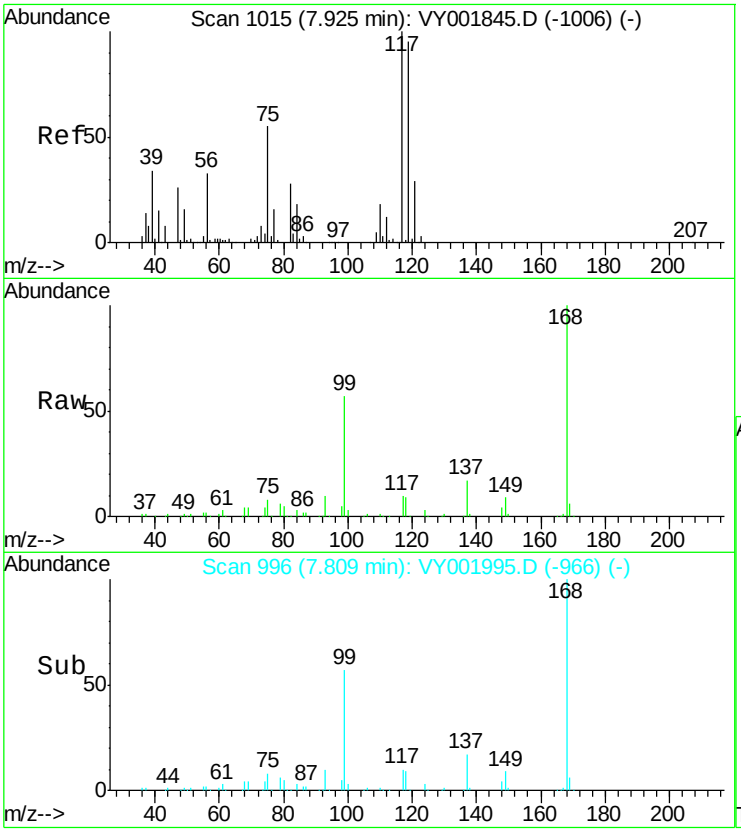


#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.13 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion: 75 Resp: 10638

Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.4	52.2#
77	0.0	24.2	36.2#



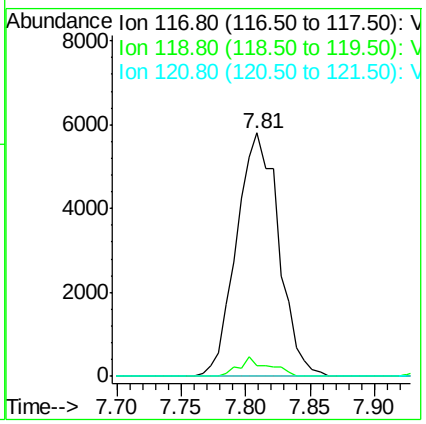


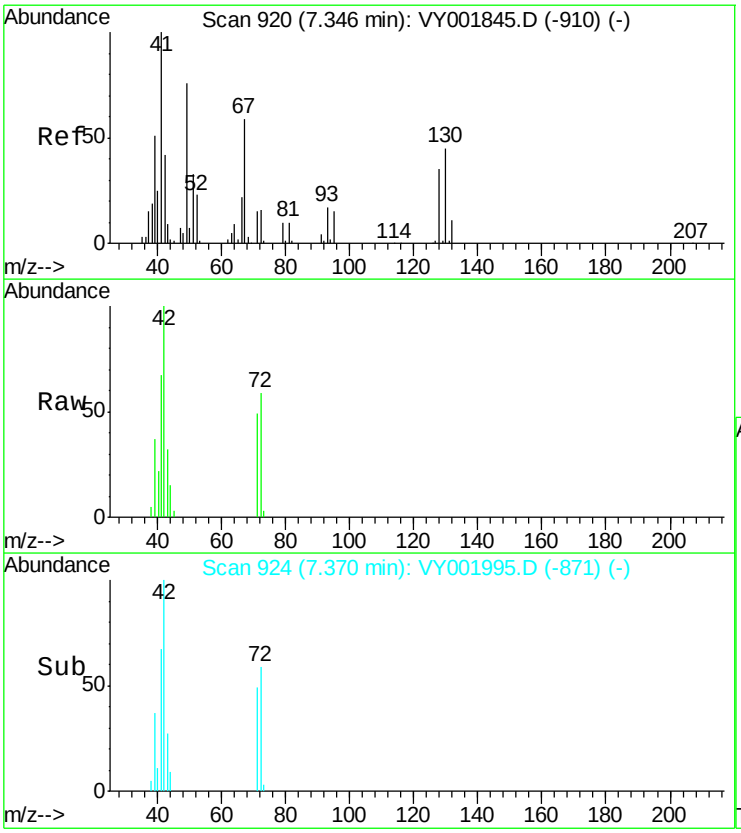
#38
Carbon Tetrachloride
Concen: 6.74 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion:117 Resp: 13167

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.3	114.5#
121	0.0	23.5	35.3#

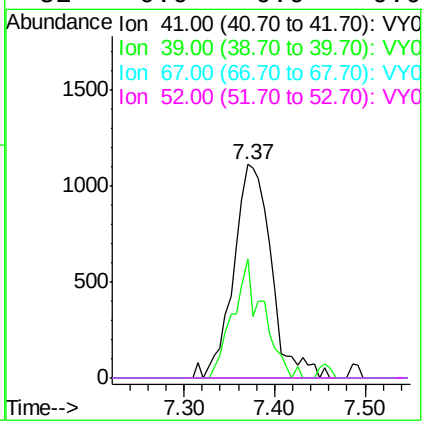


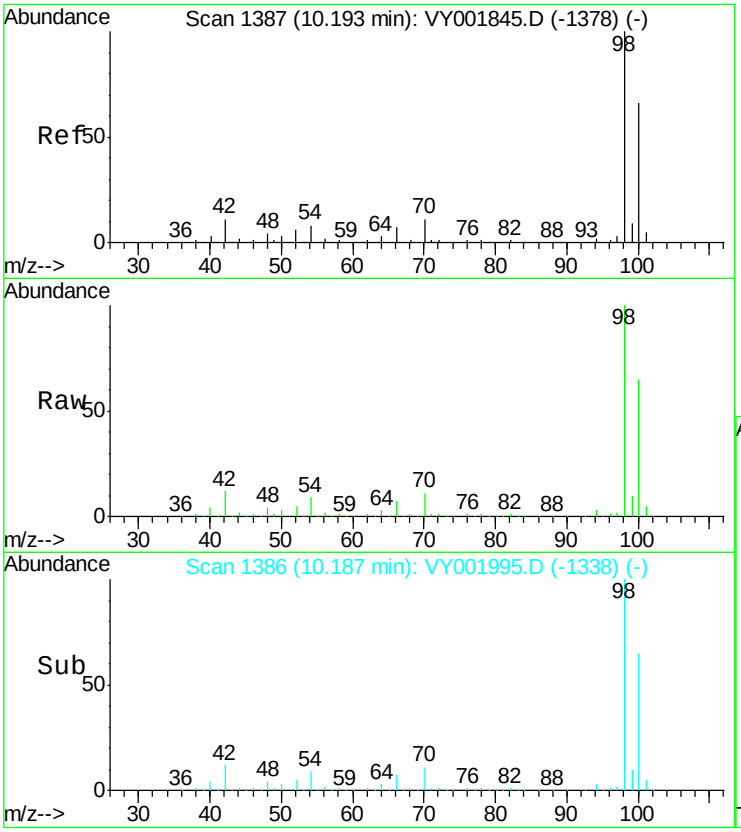


#41
Methacrylonitrile
Concen: 5.38 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion: 41 Resp: 3220

Ion	Ratio	Lower	Upper
41	100		
39	44.6	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



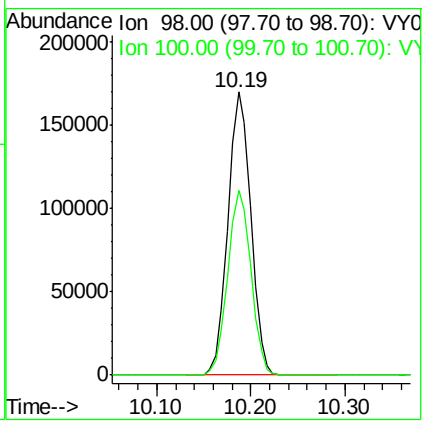


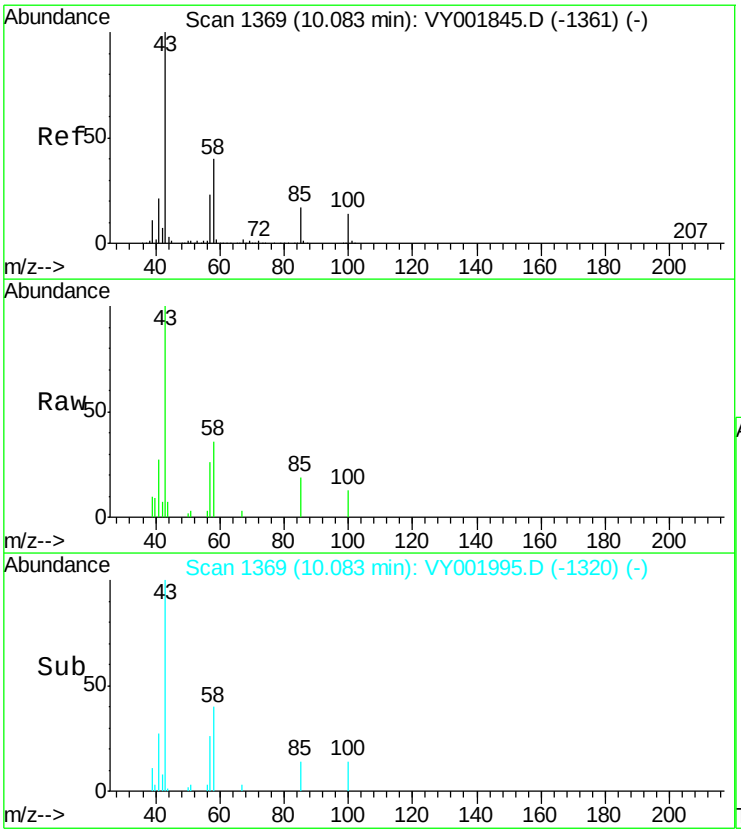
#50
Toluene-d8
Concen: 52.52 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion: 98 Resp: 287565

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4

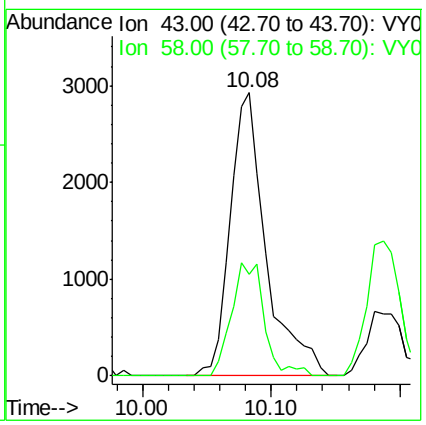


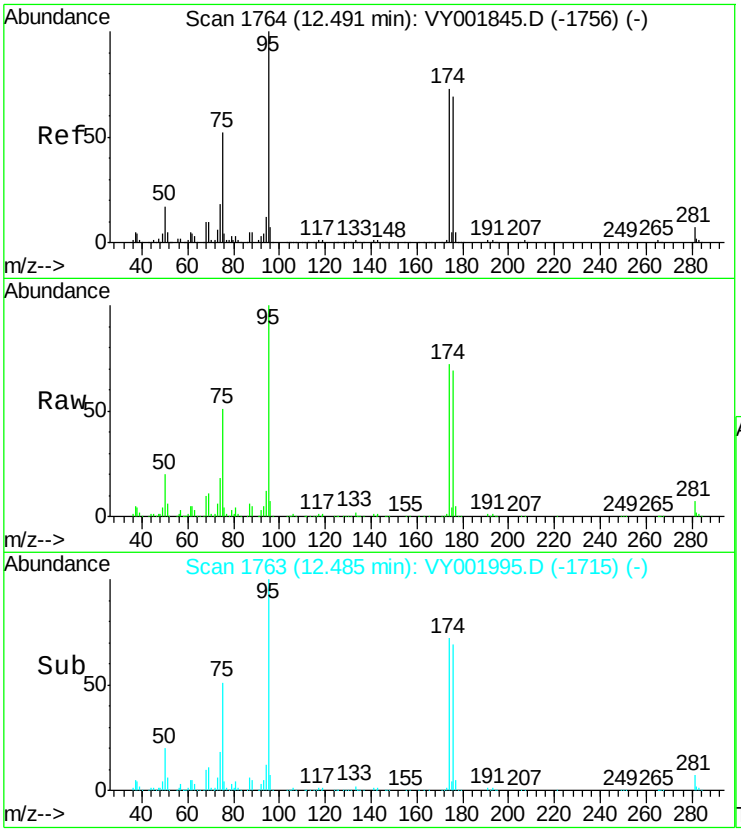


#51
4-Methyl-2-Pentanone
Concen: 4.39 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion: 43 Resp: 5689

Ion	Ratio	Lower	Upper
43	100		
58	36.3	32.0	48.0



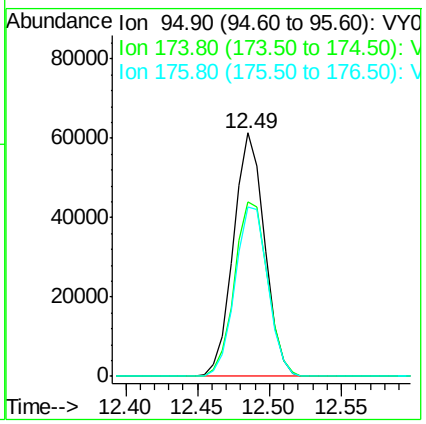


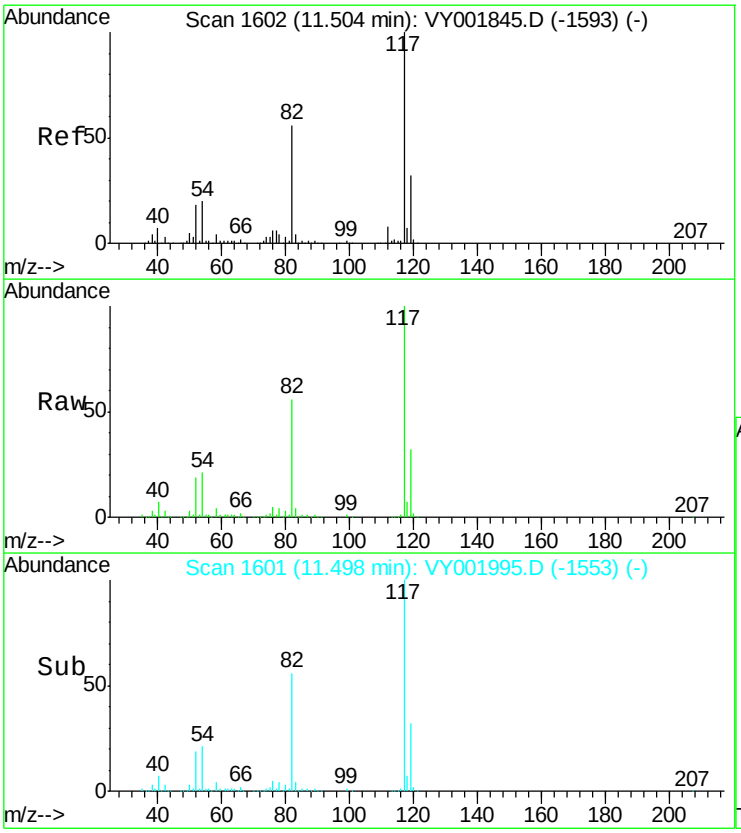
#62
4-Bromofluorobenzene
Concen: 48.71 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion: 95 Resp: 92743

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	145.0
176	72.7	0.0	137.4

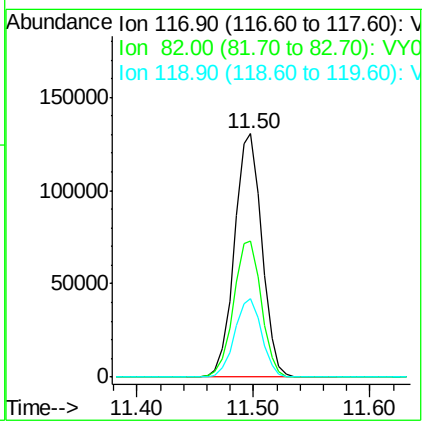


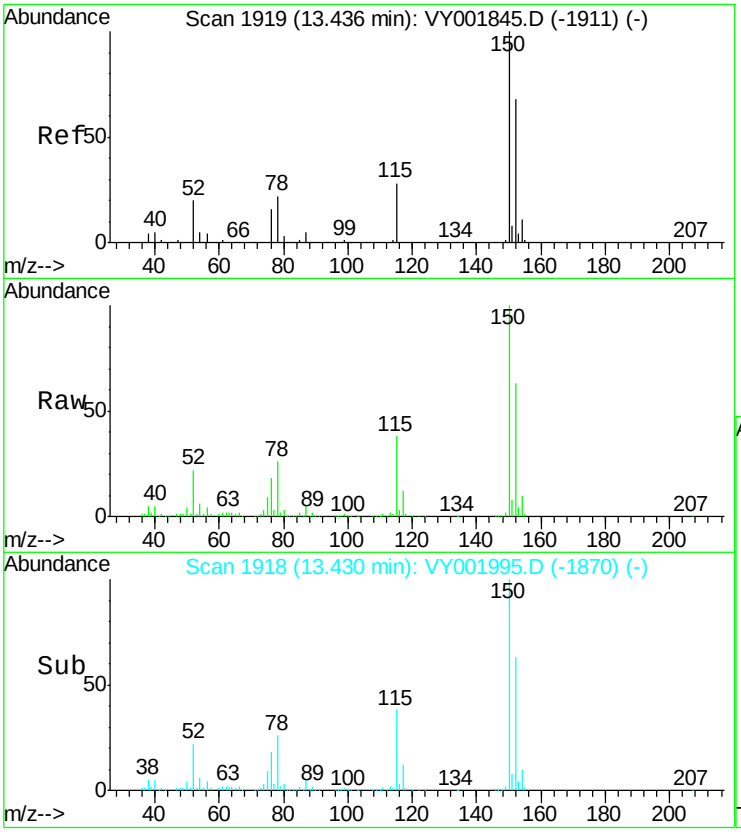


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion:117 Resp: 213591

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.5	66.7
119	32.3	25.7	38.5



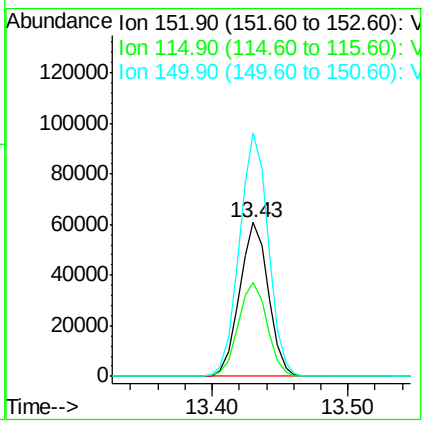


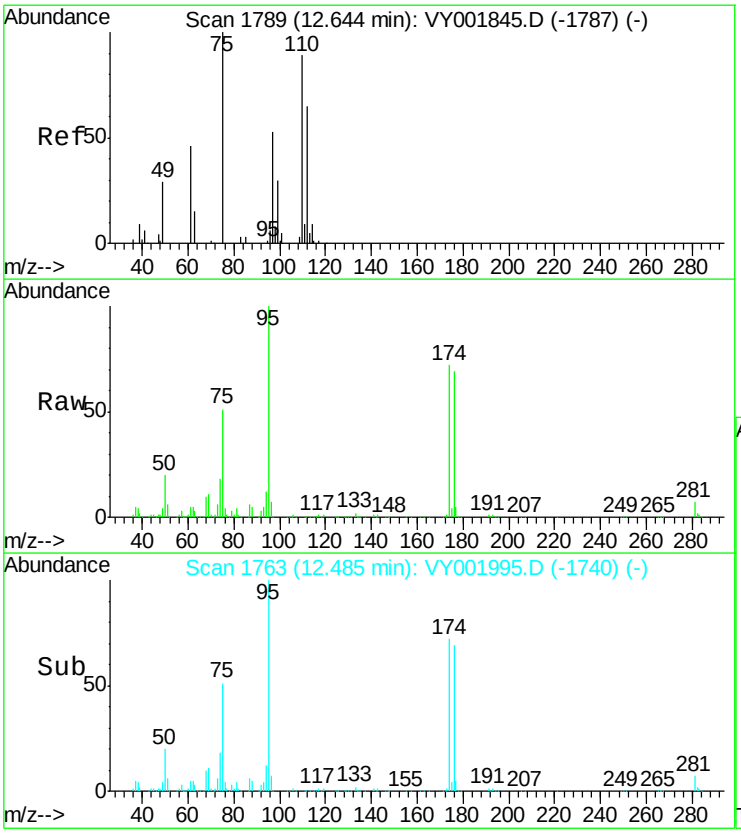
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion:152 Resp: 89757

Ion	Ratio	Lower	Upper
152	100		
115	61.2	29.9	89.7
150	158.7	0.0	340.6

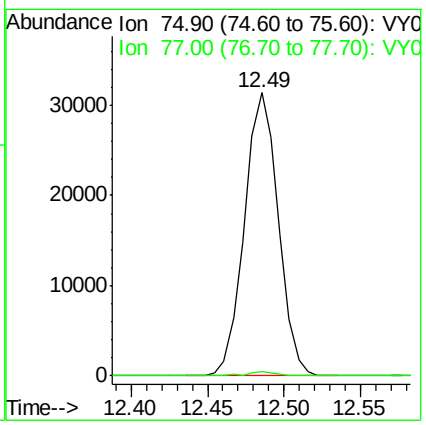


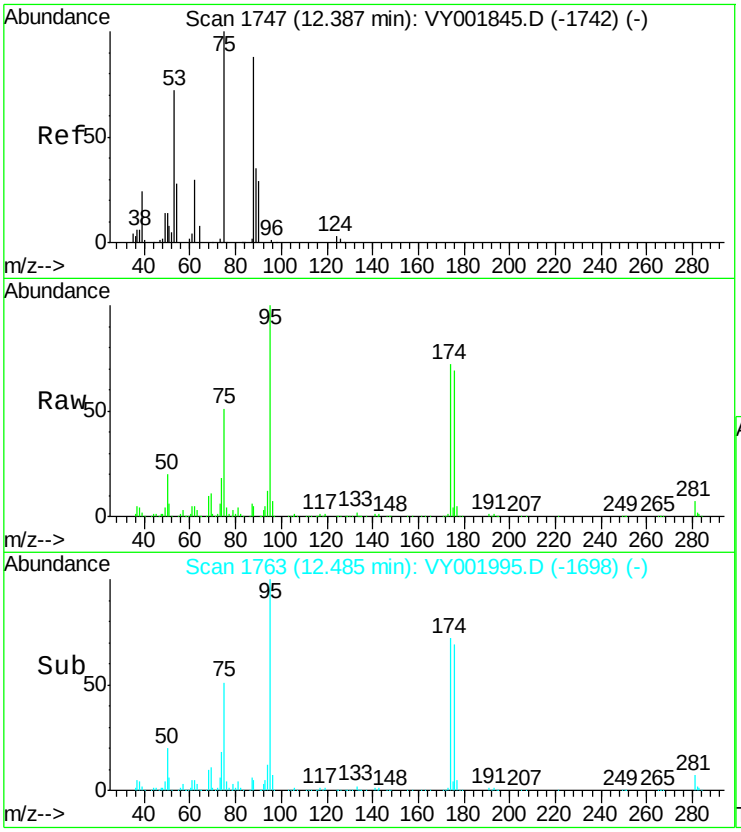


#76
1,2,3-Trichloropropane
Concen: 45.36 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.16 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion: 75 Resp: 48307

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.62 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion: 75 Resp: 48307

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.4	98.0#
89	0.4	36.0	54.0#