Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020320\
Data File : VY001467.D
Acq On : 03 Feb 2020 12:31
Operator : SY/MD
Sample : L1347-01
Misc : 5.86G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GRAB-01

Quant Time: Feb 03 13:18:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.82	168	163253	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.71	114	303173	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.50	117	270036	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	111809	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	96415	54.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.54%				
35) Dibromofluoromethane	7.74	113	88668	49.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.66%				
50) Toluene-d8	10.19	98	360116	52.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.18%				
62) 4-Bromofluorobenzene	12.49	95	123954	45.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.04%				
Target Compounds							Qvalue
3) Chloromethane	2.12	50	2467	1.27	ug/l		95
11) Tert butyl alcohol	4.99	59	148	Below Cal		#	74
13) Acrolein	3.77	56	21	Below Cal		#	75
20) Methylene Chloride	4.74	84	8834	Below Cal			94
25) 2-Butanone	7.02	43	1426	1.84	ug/l		92
29) Tetrahydrofuran	7.39	42	550	1.09	ug/l	#	46
31) Cyclohexane	7.81	56	3528	1.03	ug/l	#	1
36) 1,1-Dichloropropene	7.82	75	13206	4.61	ug/l	#	50
38) Carbon Tetrachloride	7.82	117	16328	6.40	ug/l	#	15
74) N-amyl acetate	12.13	43	5898	2.04	ug/l	#	48
76) 1,2,3-Trichloropropane	12.49	75	61014	45.29	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.49	75	61014	85.70	ug/l	#	15
95) Naphthalene	15.24	128	7117	1.34	ug/l	#	93

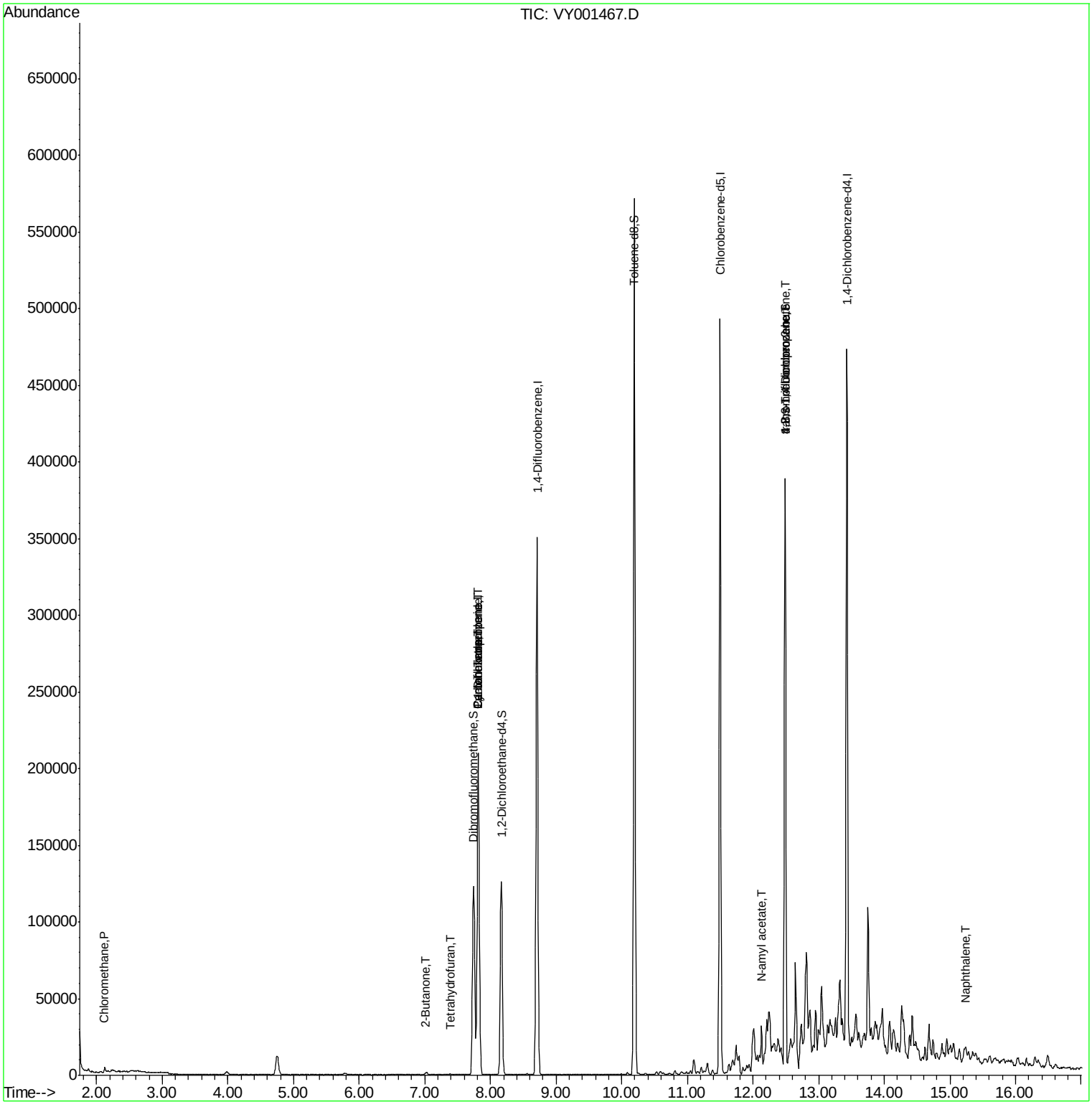
(#) = qualifier out of range (m) = manual integration (+) = signals summed

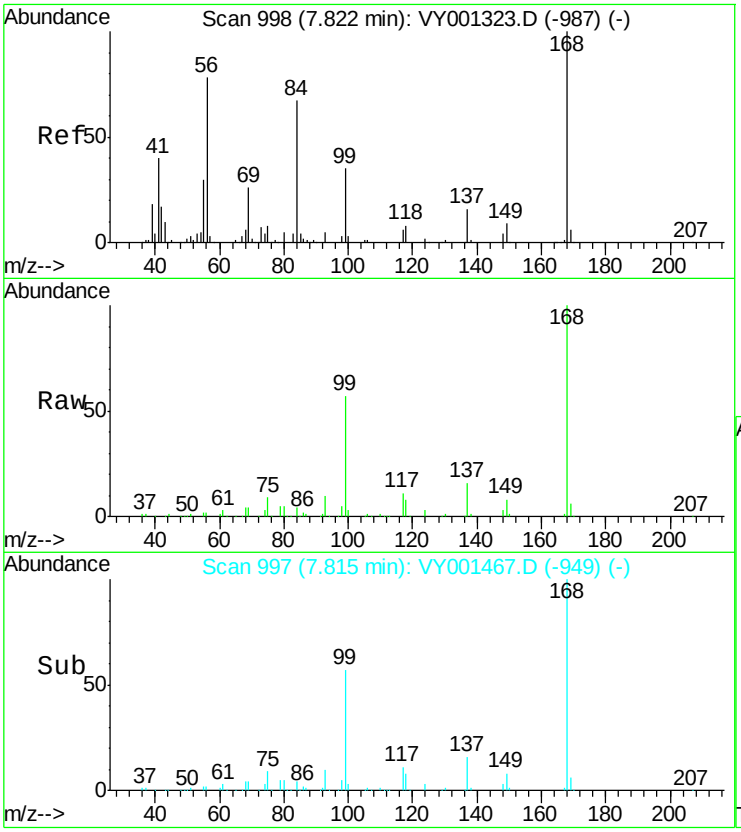
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020320\
Data File : VY001467.D
Acq On : 03 Feb 2020 12:31
Operator : SY/MD
Sample : L1347-01
Misc : 5.86G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-01

Quant Time: Feb 03 13:18:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration



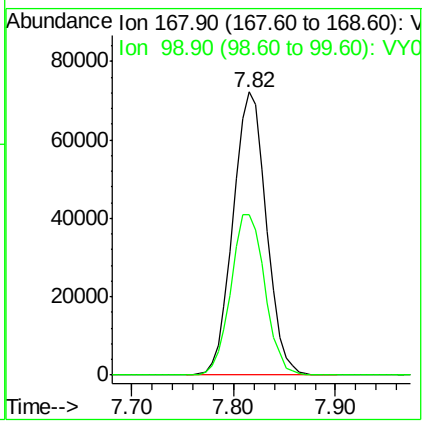


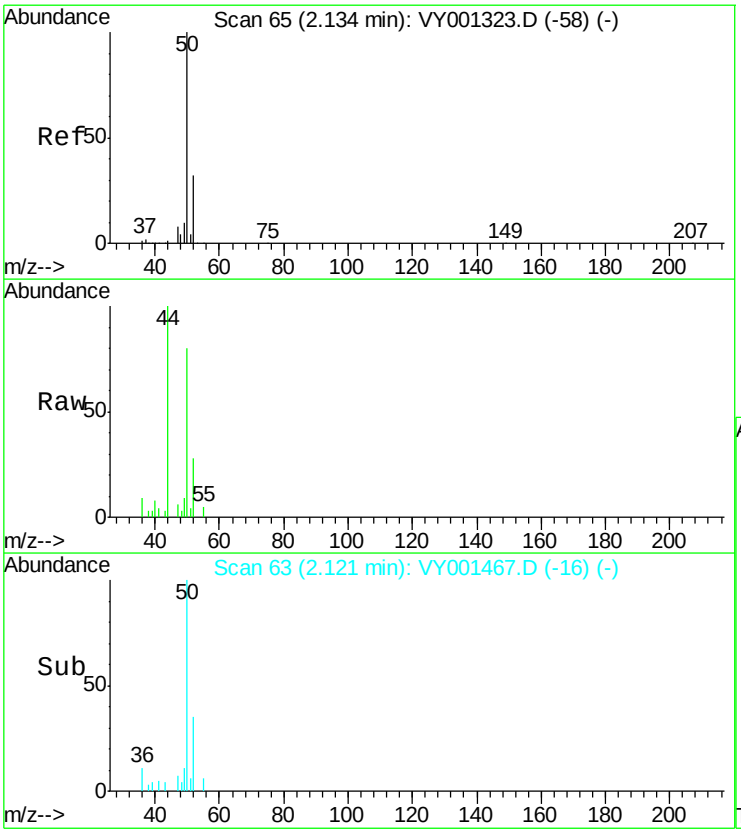
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.01 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Instrument : MSVOA_Y
ClientSampleId : GRAB-01

Tgt Ion:168 Resp: 163253

Ion	Ratio	Lower	Upper
168	100		
99	56.7	44.3	66.5

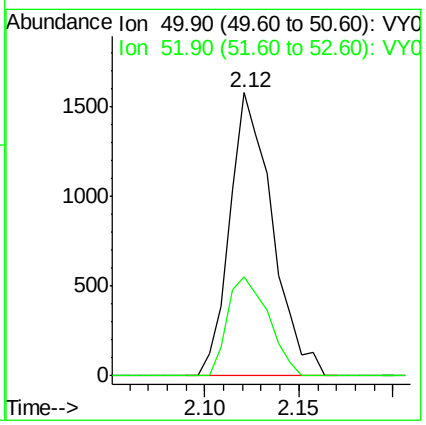


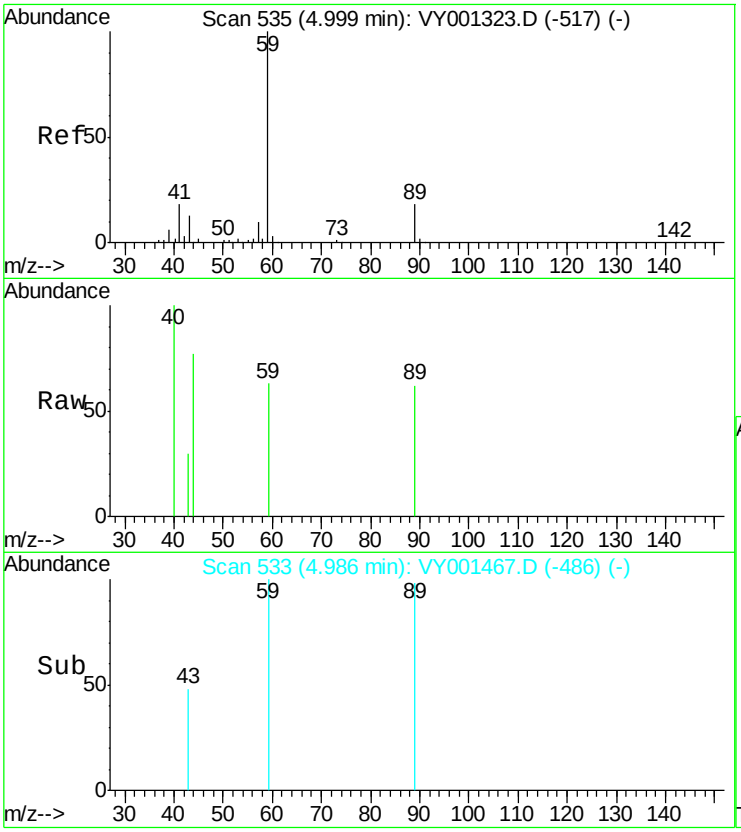


#3
Chloromethane
Concen: 1.27 ug/l
RT: 2.12 min Scan# 63
Delta R.T. -0.01 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Tgt Ion: 50 Resp: 2467

Ion	Ratio	Lower	Upper
50	100		
52	34.9	25.7	38.5



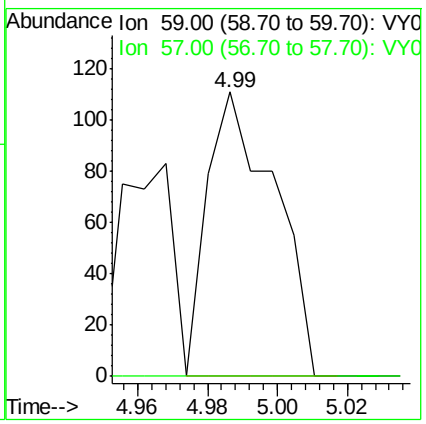


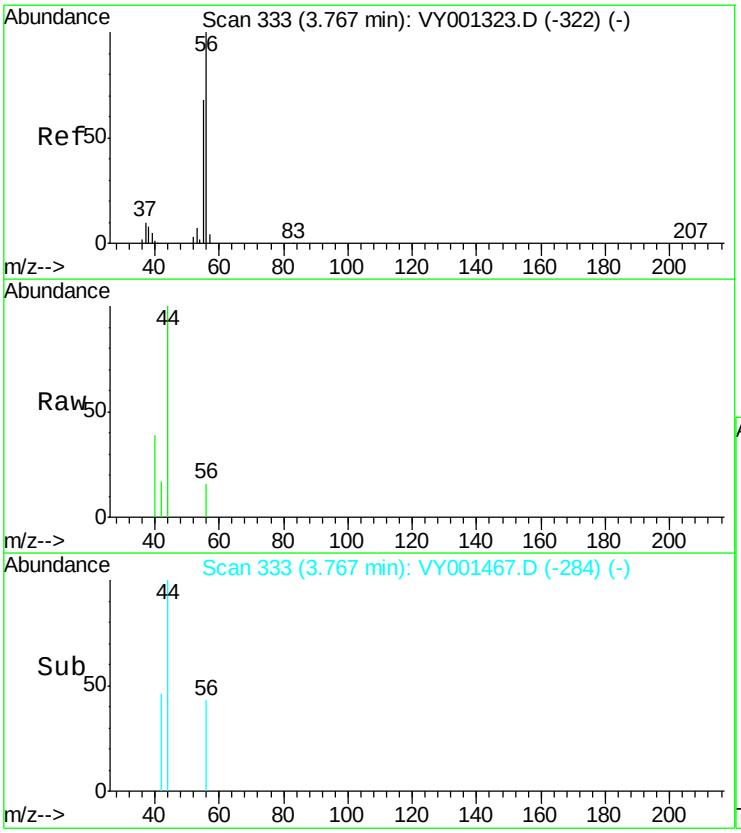
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-01

Tgt Ion: 59 Resp: 148

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#

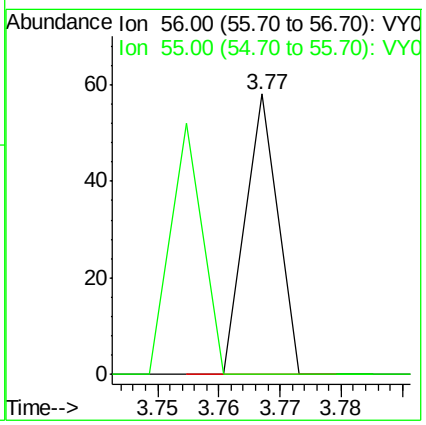


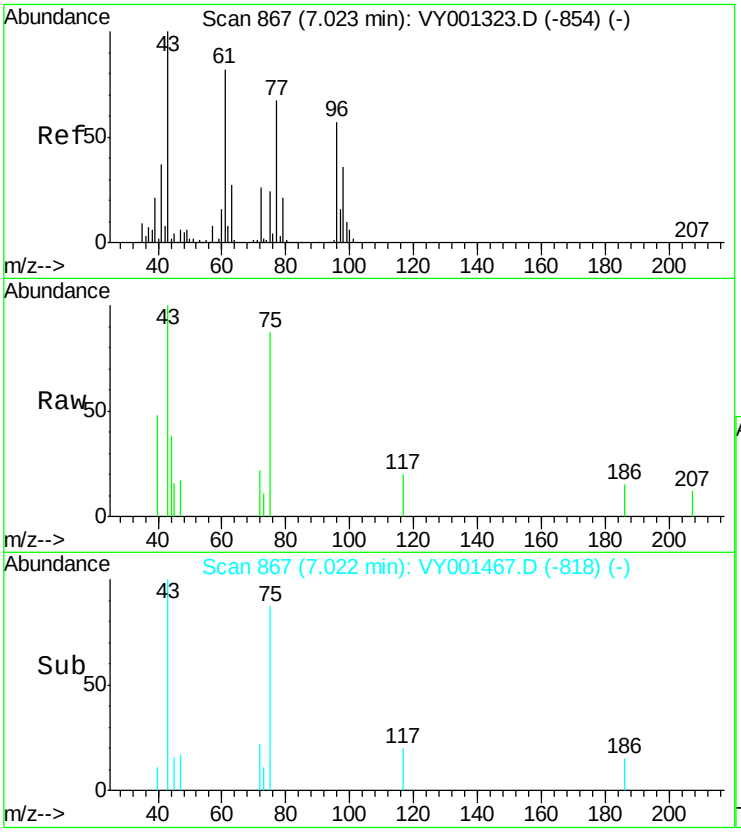


#13
Acrolein
Concen: Below Cal
RT: 3.77 min Scan# 333
Delta R.T. -0.00 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Tgt Ion: 56 Resp: 21

Ion	Ratio	Lower	Upper
56	100		
55	90.5	55.9	83.9#



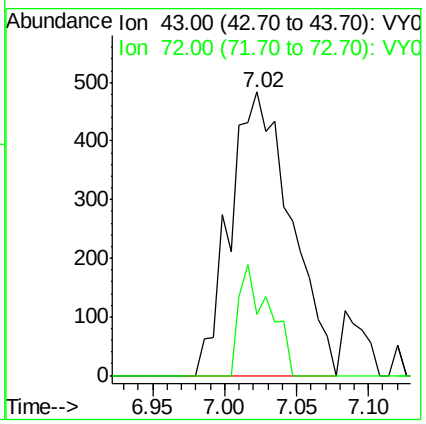


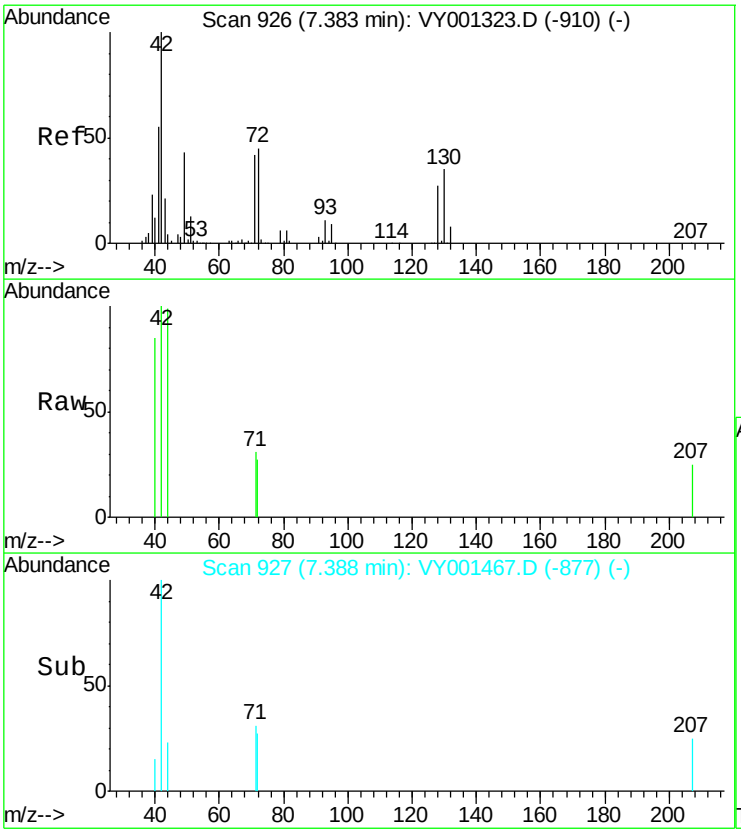
#25
2-Butanone
Concen: 1.84 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Instrument : MSVOA_Y
ClientSampleId : GRAB-01

Tgt Ion: 43 Resp: 1426

Ion	Ratio	Lower	Upper
43	100		
72	21.7	20.6	31.0

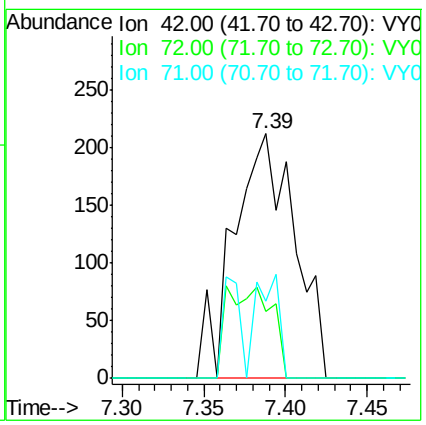


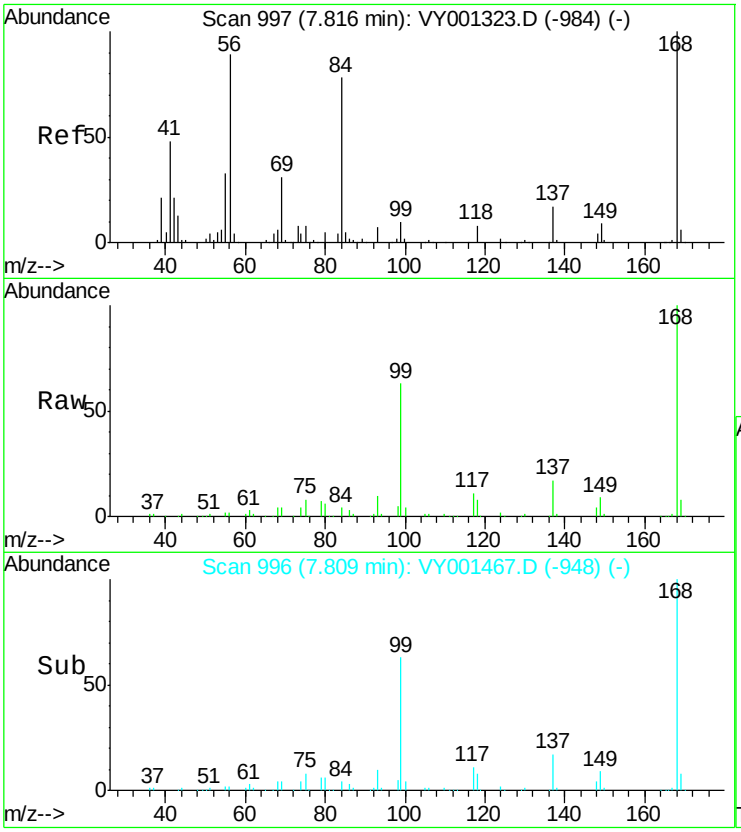


#29
Tetrahydrofuran
Concen: 1.09 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.01 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Tgt Ion: 42 Resp: 550

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	51.8#
71	15.8	32.6	48.8#



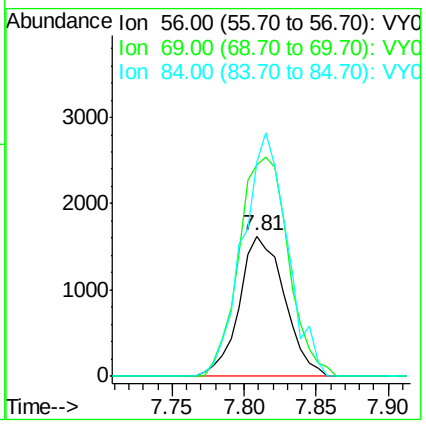


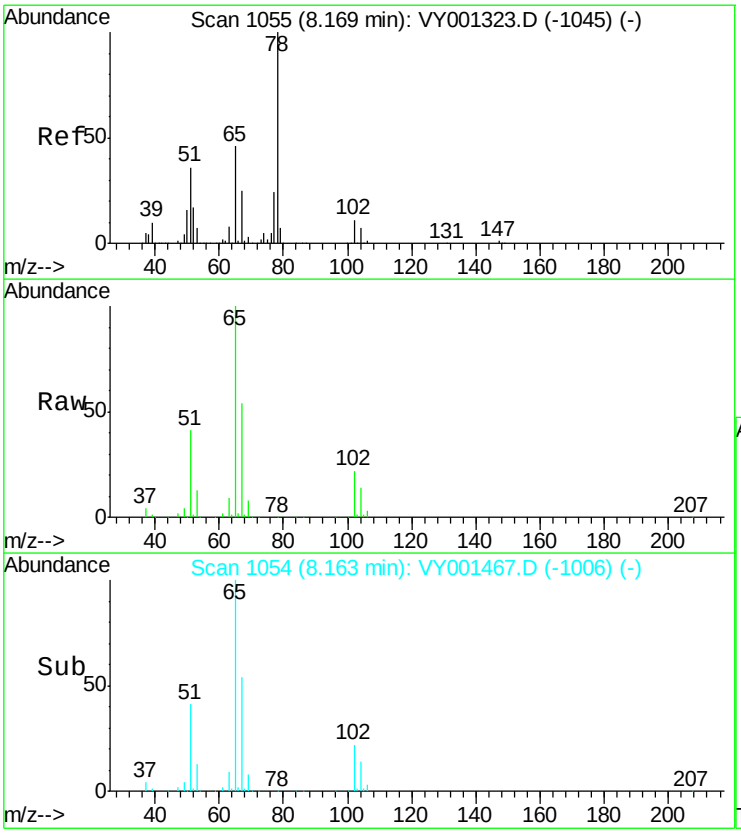
#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-01

Tgt Ion: 56 Resp: 3528

Ion	Ratio	Lower	Upper
56	100		
69	150.8	27.6	41.4#
84	152.9	69.7	104.5#

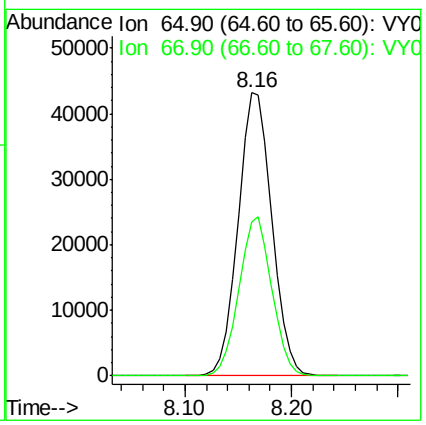


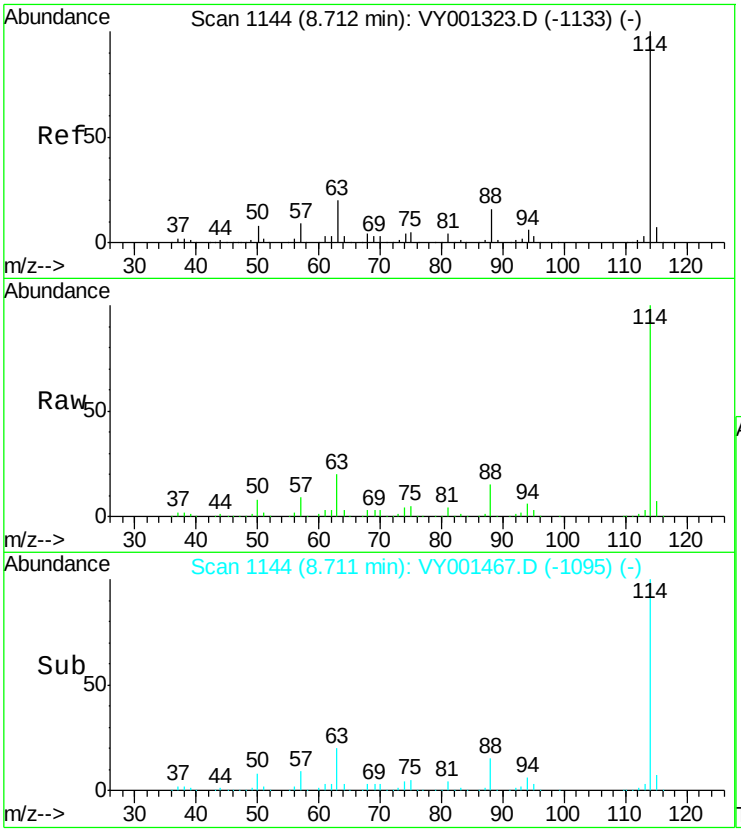


#33
1,2-Dichloroethane-d4
Concen: 54.27 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Tgt Ion: 65 Resp: 96415

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	108.6



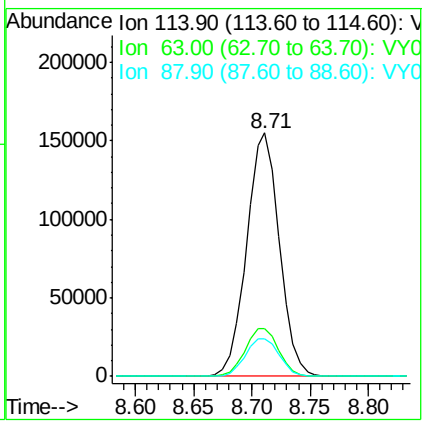


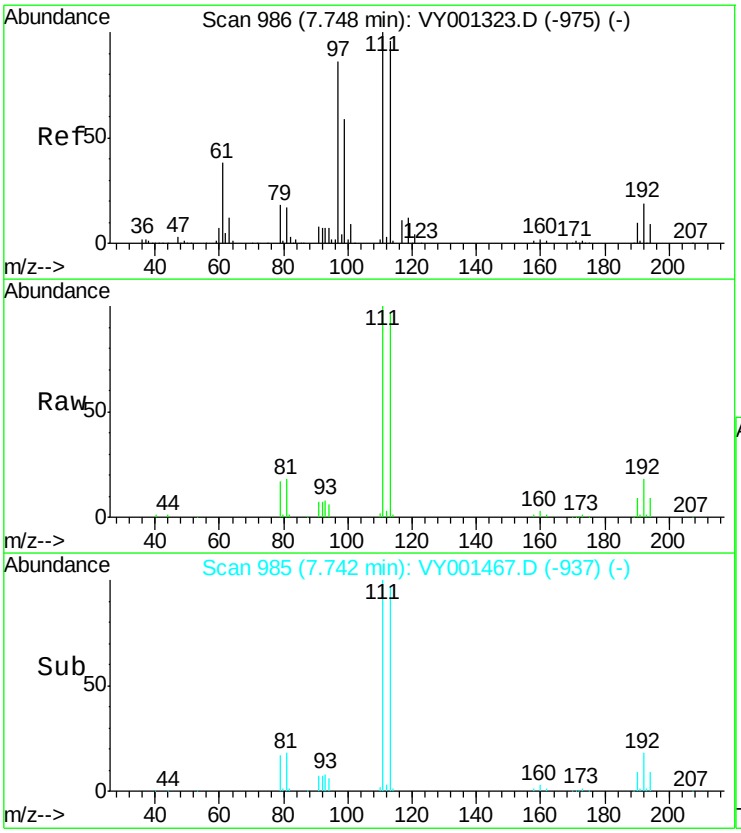
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Instrument : MSVOA_Y
ClientSampleId : GRAB-01

Tgt Ion:114 Resp: 303173

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	15.3	0.0	31.0

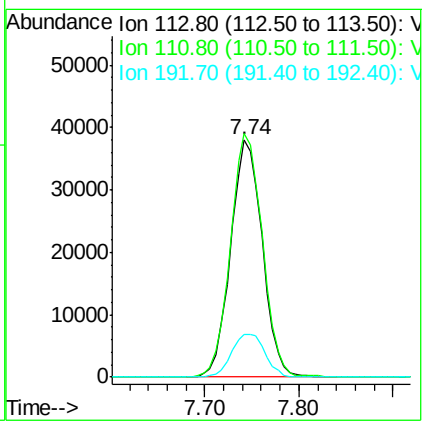


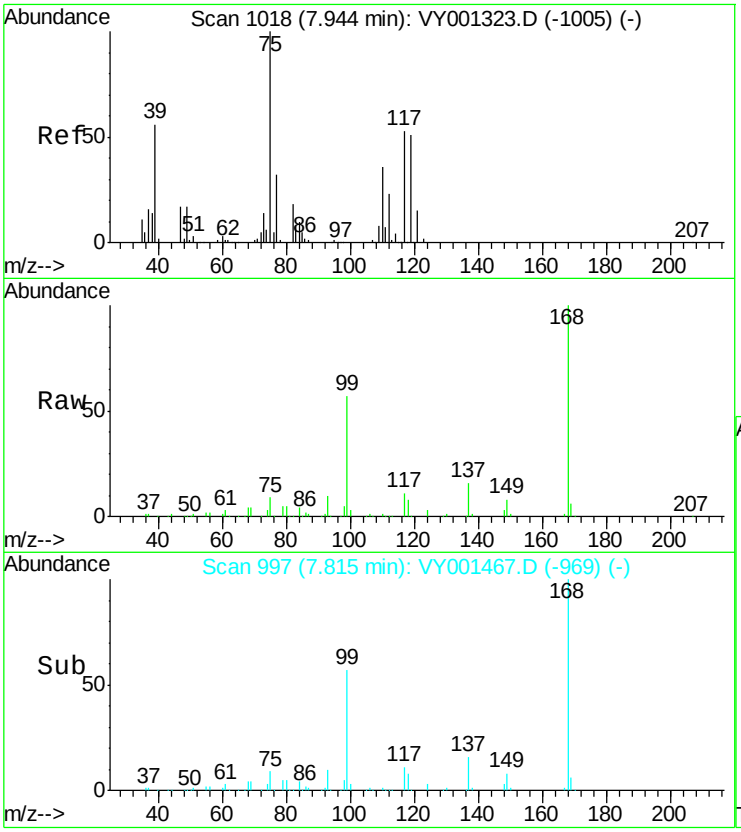


#35
Dibromofluoromethane
Concen: 49.83 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Tgt Ion:113 Resp: 88668

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	19.4	15.5	23.3



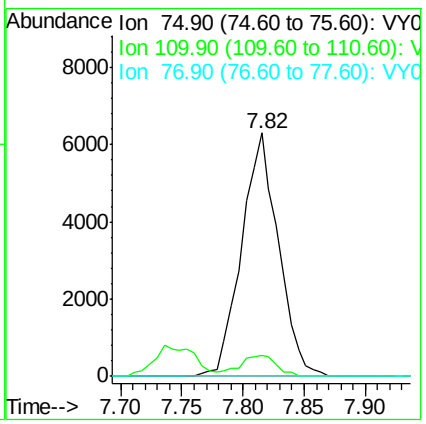


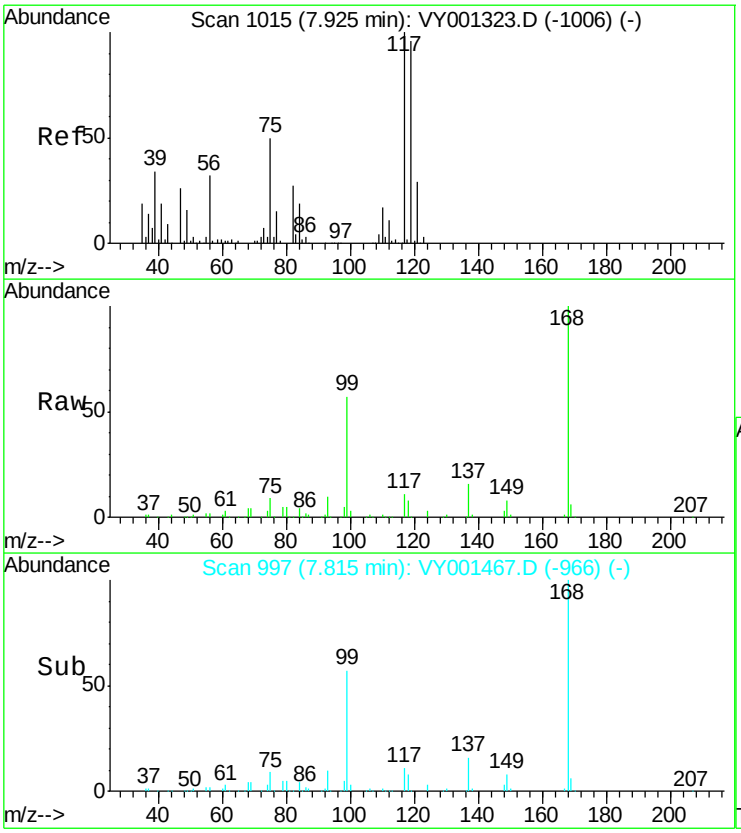
#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Instrument : MSVOA_Y
ClientSampleId : GRAB-01

Tgt Ion: 75 Resp: 13206

Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.6	52.8#
77	0.0	24.7	37.1#

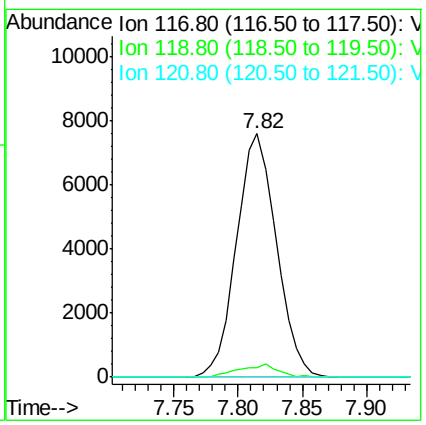


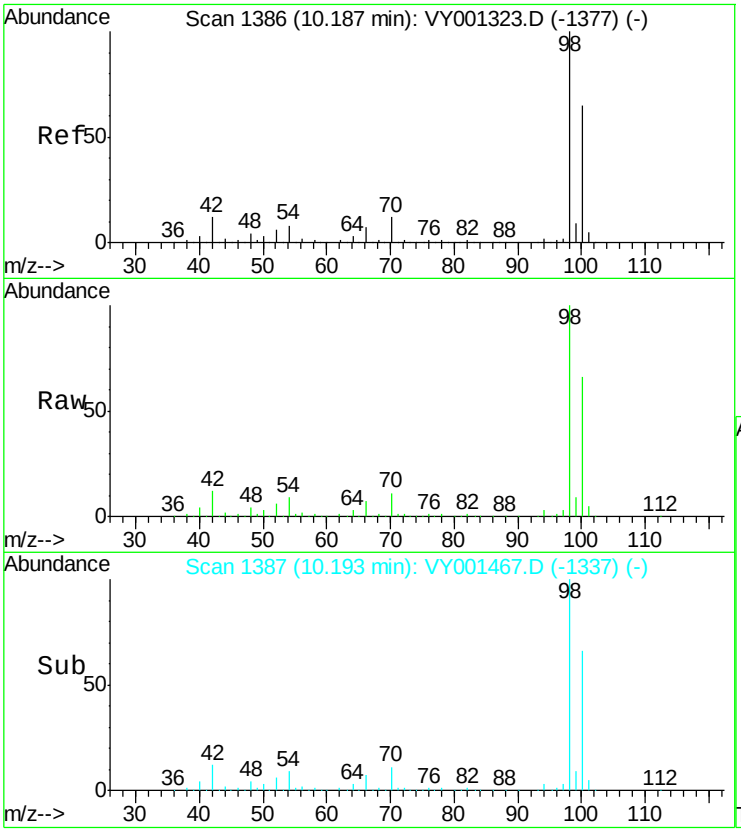


#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Tgt Ion:117 Resp: 16328

Ion	Ratio	Lower	Upper
117	100		
119	3.7	76.3	114.5#
121	0.0	23.5	35.3#



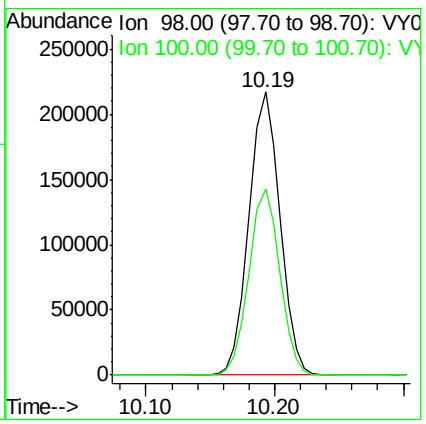


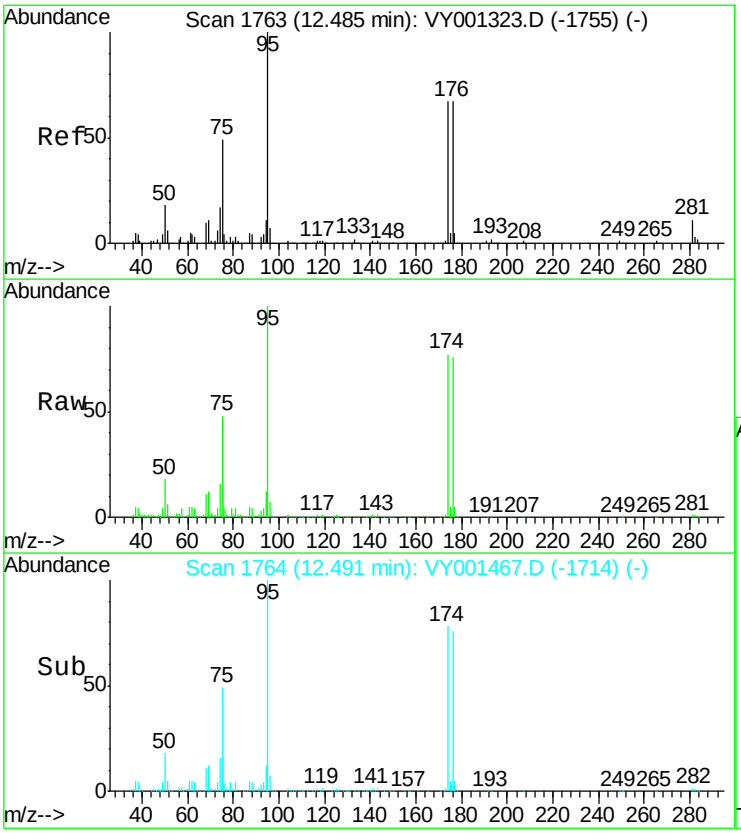
#50
Toluene-d8
Concen: 52.09 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Instrument : MSVOA_Y
ClientSampleId : GRAB-01

Tgt Ion: 98 Resp: 360116

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	79.0

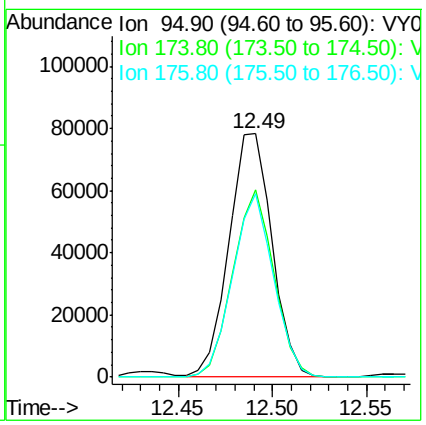


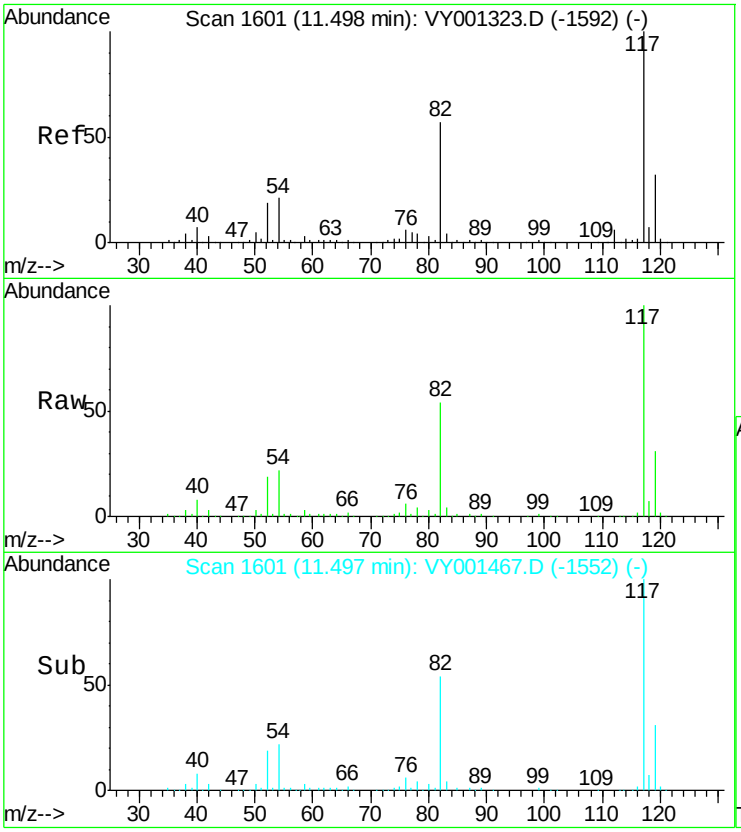


#62
4-Bromofluorobenzene
Concen: 45.02 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Tgt Ion: 95 Resp: 123954

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	142.0
176	71.7	0.0	138.6



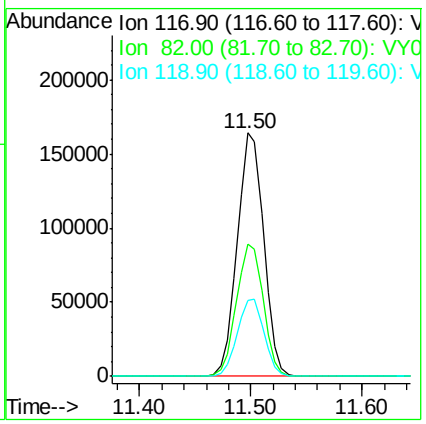


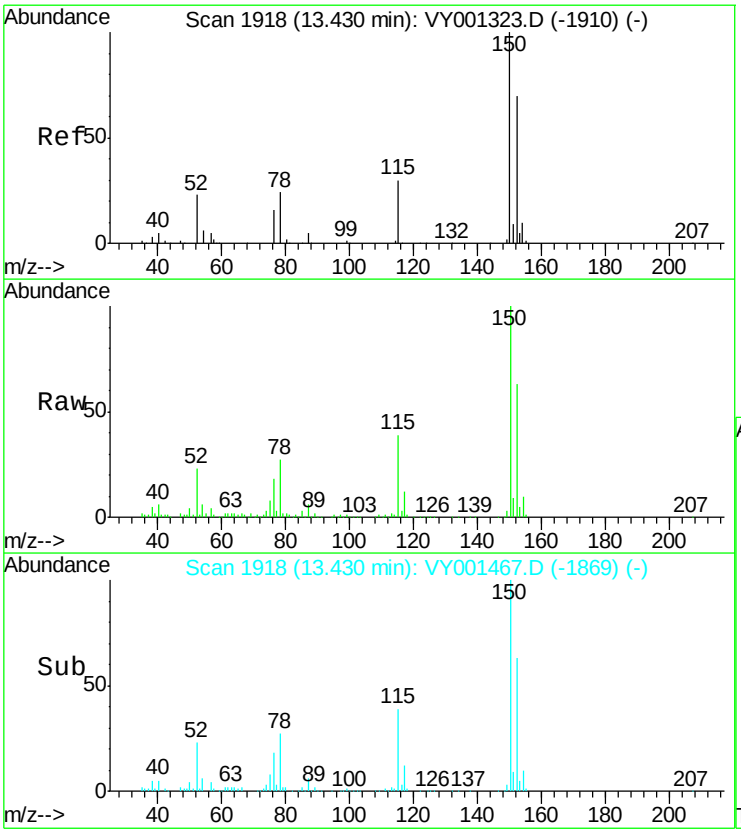
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-01

Tgt Ion:117 Resp: 270036

Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.5	68.3
119	31.4	25.8	38.6

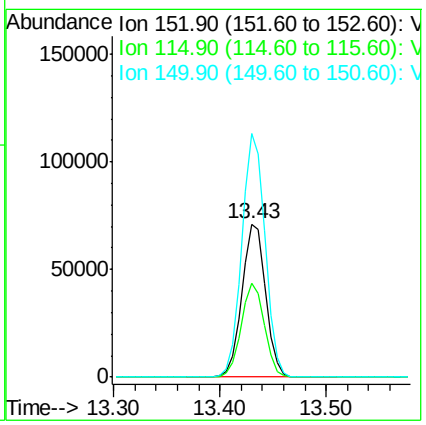


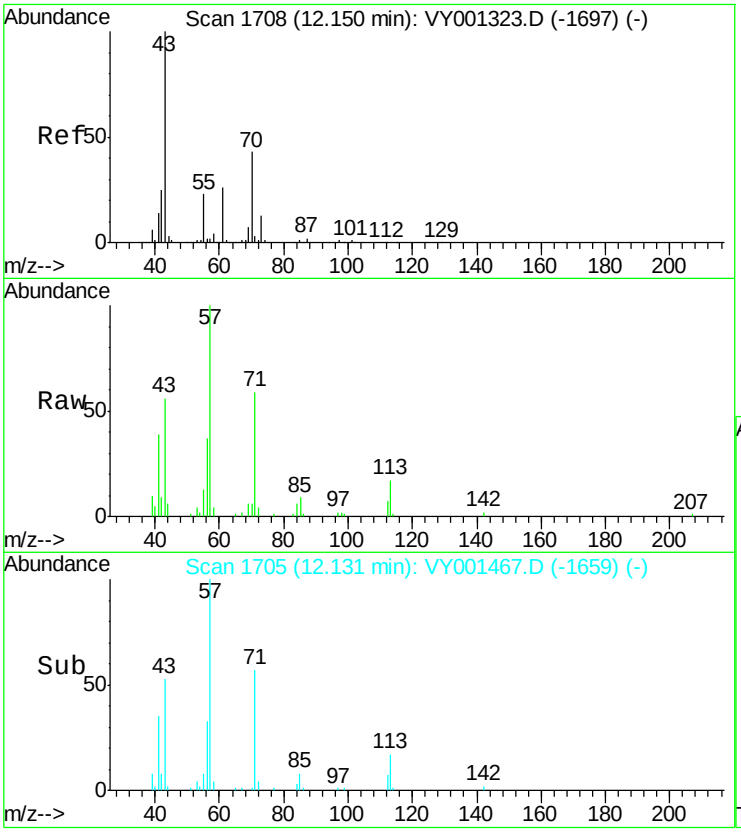


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Tgt Ion:152 Resp: 111809

Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.9	92.8
150	155.4	0.0	349.2



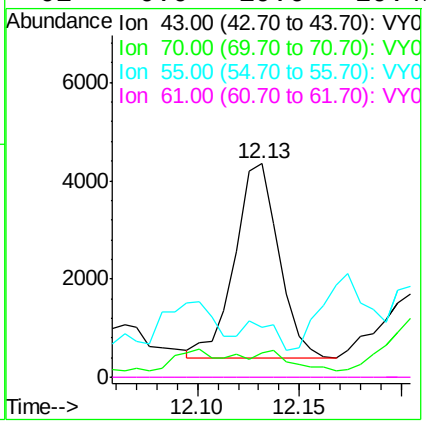


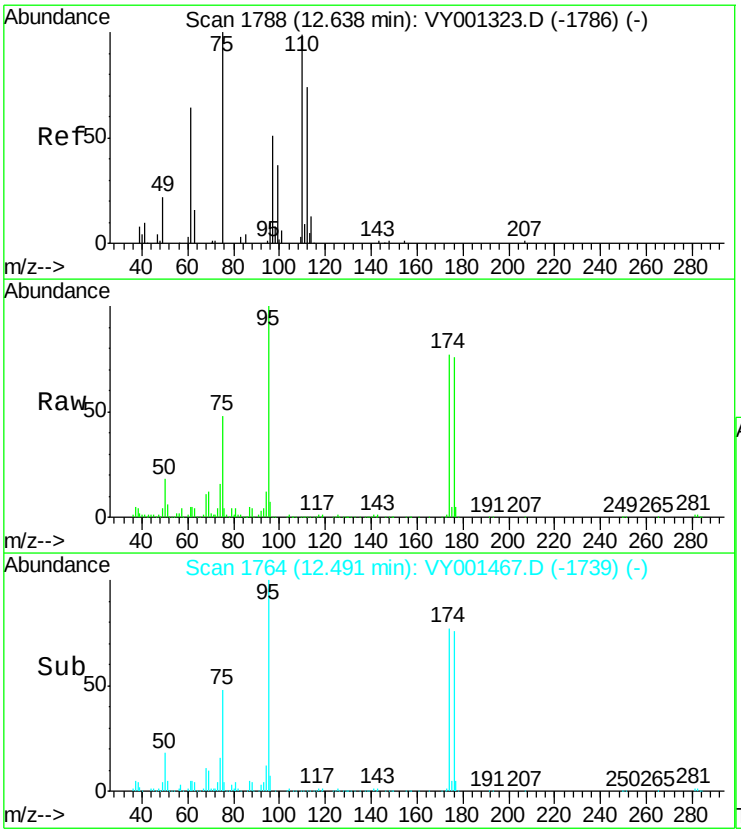
#74
N-amyl acetate
Concen: 2.04 ug/l
RT: 12.13 min Scan# 1705
Delta R.T. -0.02 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Instrument : MSVOA_Y
ClientSampleId : GRAB-01

Tgt Ion: 43 Resp: 5898

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.5	50.3#
55	9.9	18.2	27.2#
61	0.0	19.6	29.4#

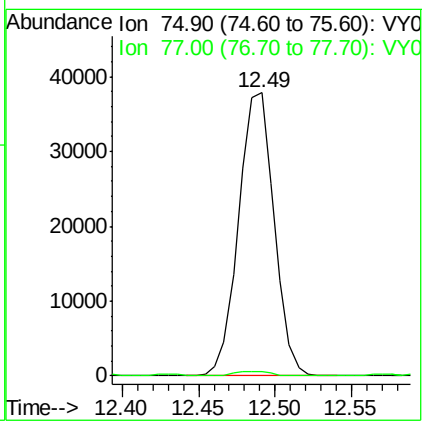


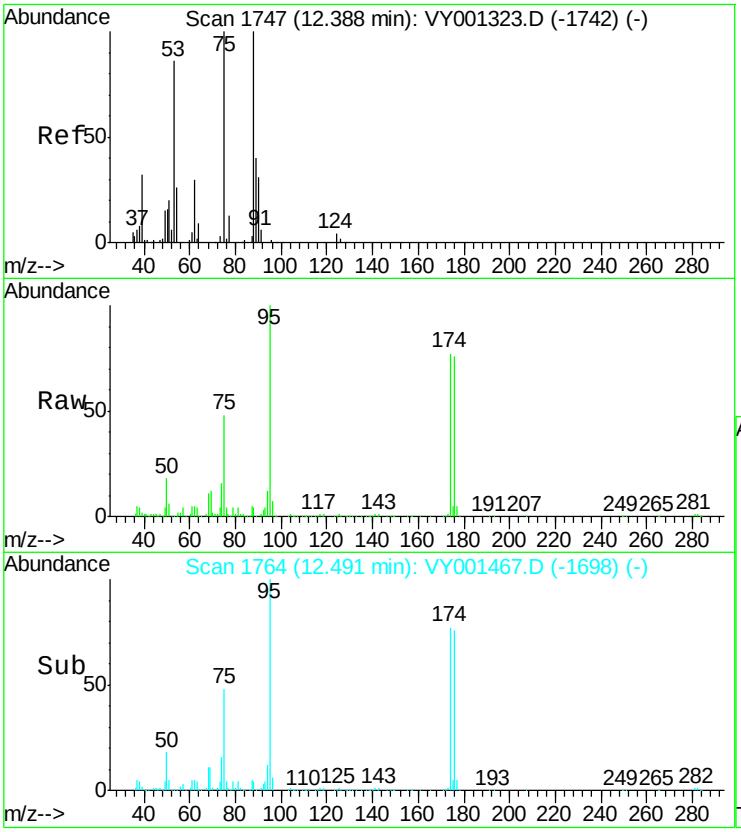


#76
1,2,3-Trichloropropane
Concen: 45.29 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Tgt Ion: 75 Resp: 61014

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#



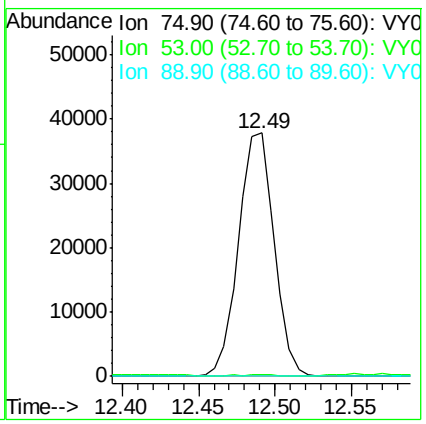


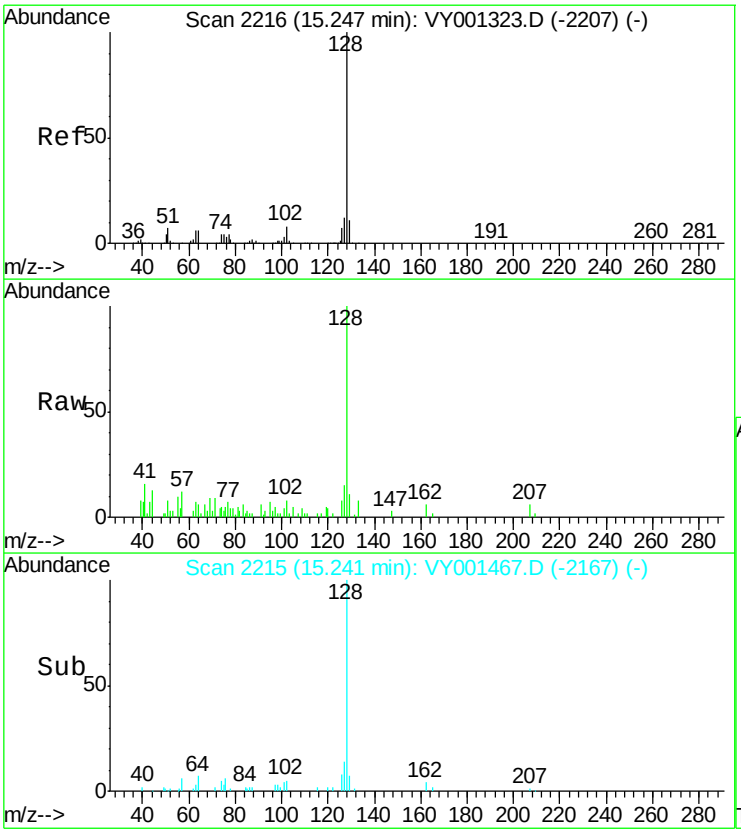
#81
trans-1,4-Dichloro-2-butene
Concen: 85.70 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-01

Tgt Ion: 75 Resp: 61014

Ion	Ratio	Lower	Upper
75	100		
53	0.6	69.9	104.9#
89	0.2	36.6	54.8#





#95
Naphthalene
Concen: 1.34 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001467.D
Acq: 03 Feb 2020 12:31

Tgt Ion:128 Resp: 7117

Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.2	15.2
129	13.8	8.7	13.1#