Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041720\
Data File : VY002390.D
Acq On : 17 Apr 2020 11:53
Operator : SY/MD
Sample : L2284-01
Misc : 7.51G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 18 04:35:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.82	168	155961	50.00	ug/l		0.01
34) 1,4-Difluorobenzene	8.71	114	308703	50.00	ug/l		0.01
63) Chlorobenzene-d5	11.50	117	289263	50.00	ug/l		0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	121629	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	79990	46.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.24%				
35) Dibromofluoromethane	7.74	113	89722	48.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.68%				
50) Toluene-d8	10.19	98	367276	47.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.54%				
62) 4-Bromofluorobenzene	12.49	95	125703	49.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.12%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.97	59	92	Below Cal		#	77
16) Acetone	3.97	43	19010	41.615	ug/l		96
17) Carbon Disulfide	4.22	76	8508	1.360	ug/l		98
20) Methylene Chloride	4.76	84	5218	2.324	ug/l		90
25) 2-Butanone	7.03	43	6667	9.222	ug/l	#	85
31) Cyclohexane	7.81	56	3879	1.062	ug/l	#	1
36) 1,1-Dichloropropene	7.82	75	11838	3.893	ug/l	#	49
37) Ethyl Acetate	7.03	43	6667	3.838	ug/l	#	67
38) Carbon Tetrachloride	7.82	117	14962	5.753	ug/l	#	16
51) 4-Methyl-2-Pentanone	10.19	43	1957	1.185	ug/l	#	1
52) Toluene	10.25	92	258109	46.425	ug/l		99
55) 1,1,2-Trichloroethane	10.63	97	7625	4.352	ug/l	#	18
59) 2-Hexanone	10.81	43	3480	3.037	ug/l	#	23
67) Ethyl Benzene	11.60	91	168935	15.347	ug/l		100
68) m/p-Xylenes	11.71	106	128453	31.156	ug/l		98
69) o-Xylene	12.04	106	118455	30.603	ug/l		98
76) 1,2,3-Trichloropropane	12.49	75	57103	40.430	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.49	75	57103	78.636	ug/l	#	19

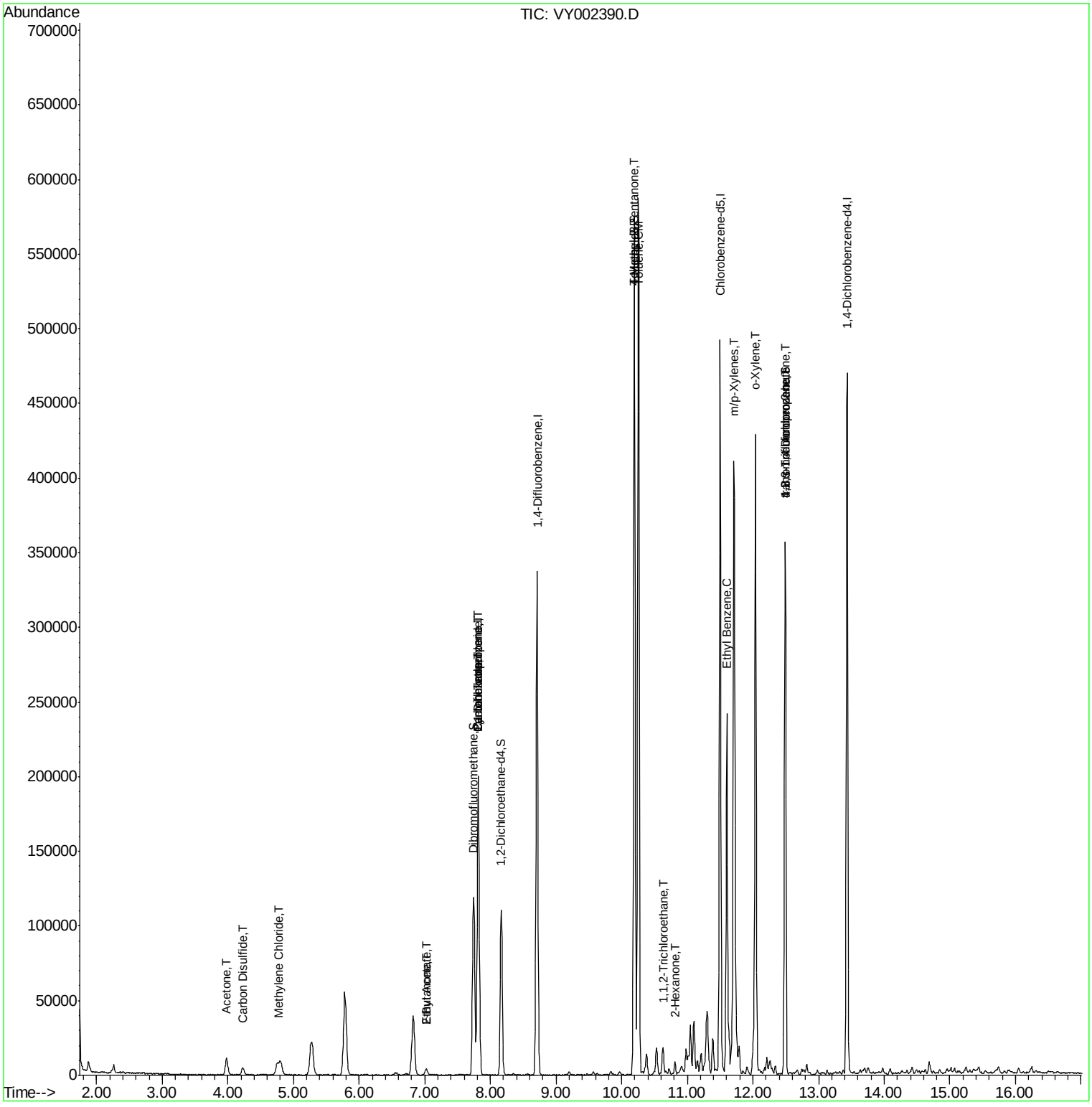
(#) = qualifier out of range (m) = manual integration (+) = signals summed

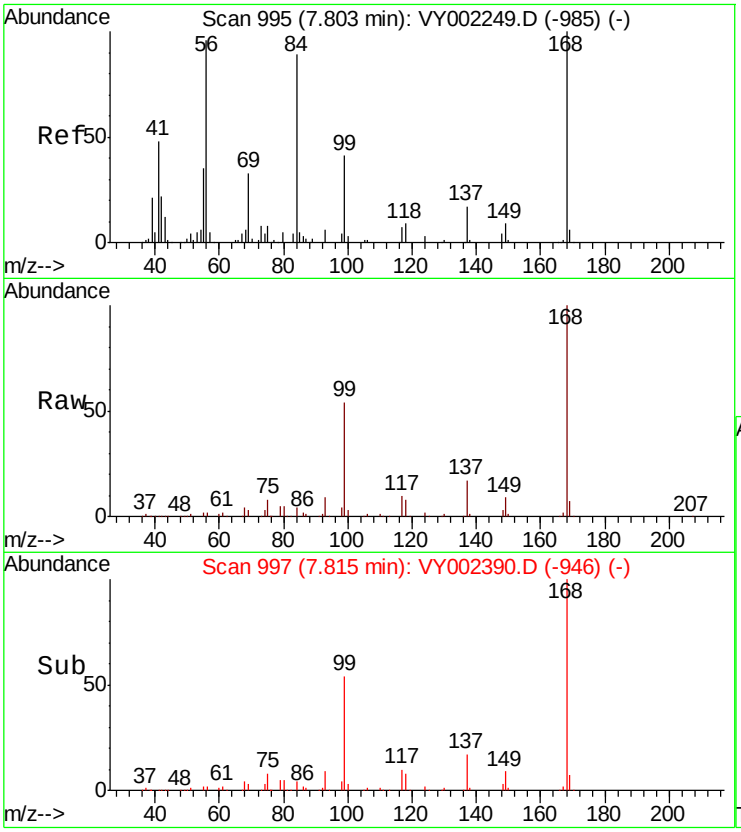
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041720\
Data File : VY002390.D
Acq On : 17 Apr 2020 11:53
Operator : SY/MD
Sample : L2284-01
Misc : 7.51G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 18 04:35:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration



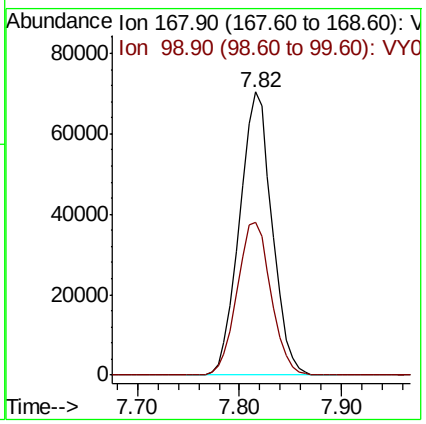


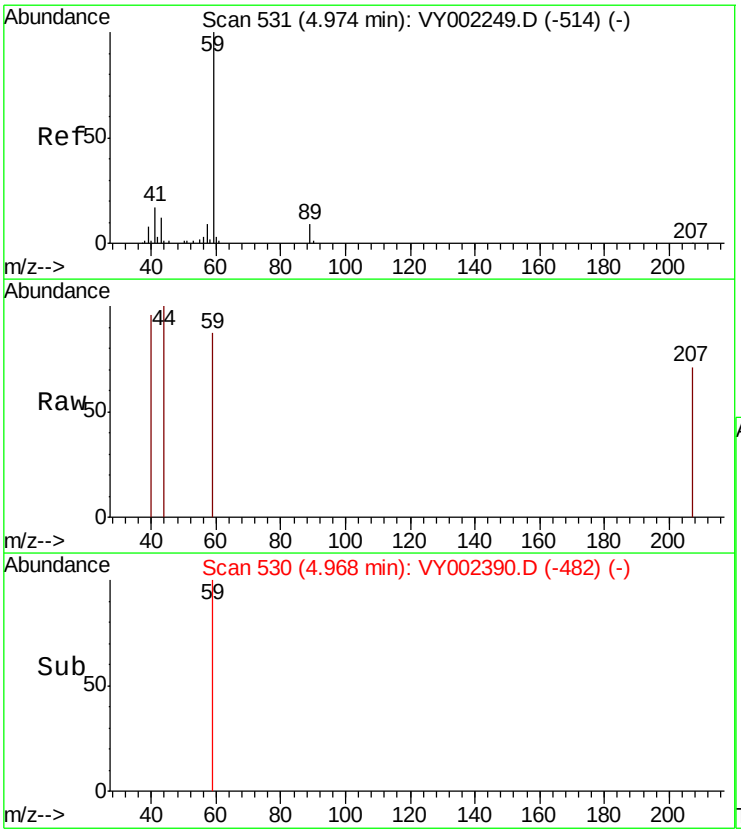
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 155961

Ion	Ratio	Lower	Upper
168	100		
99	54.2	48.0	72.0

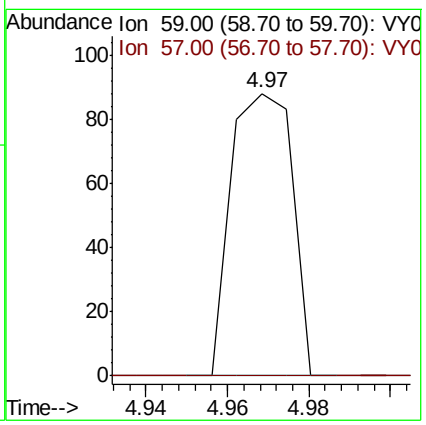


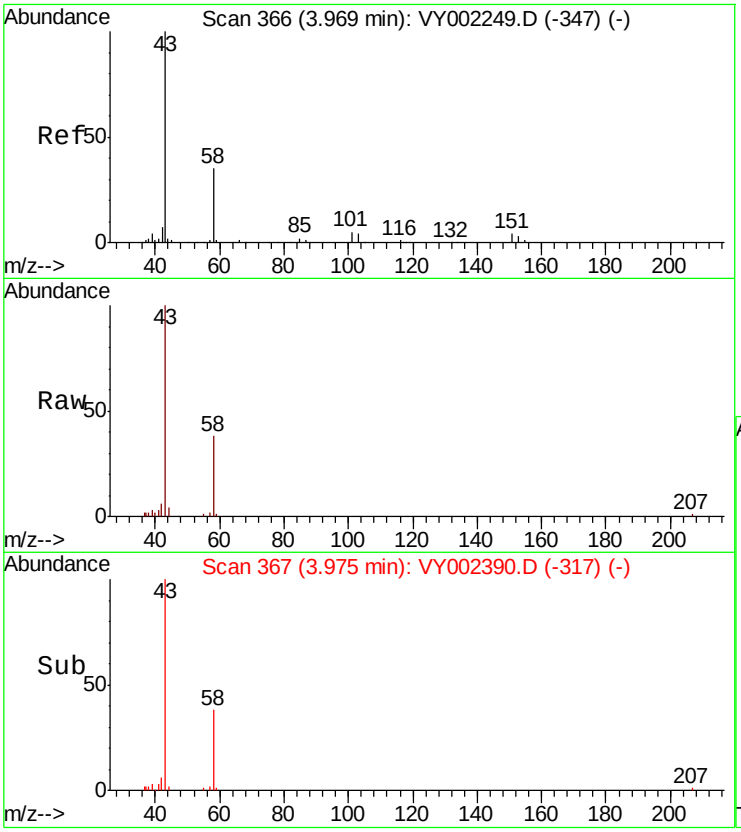


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 59 Resp: 92

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.6	9.8#



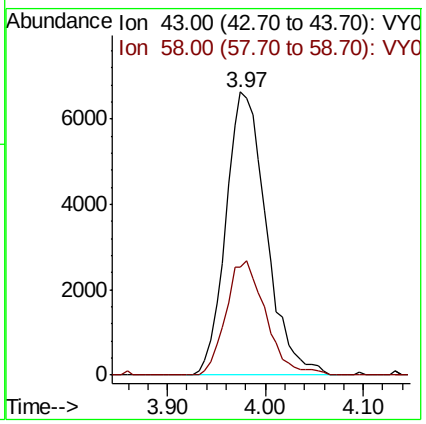


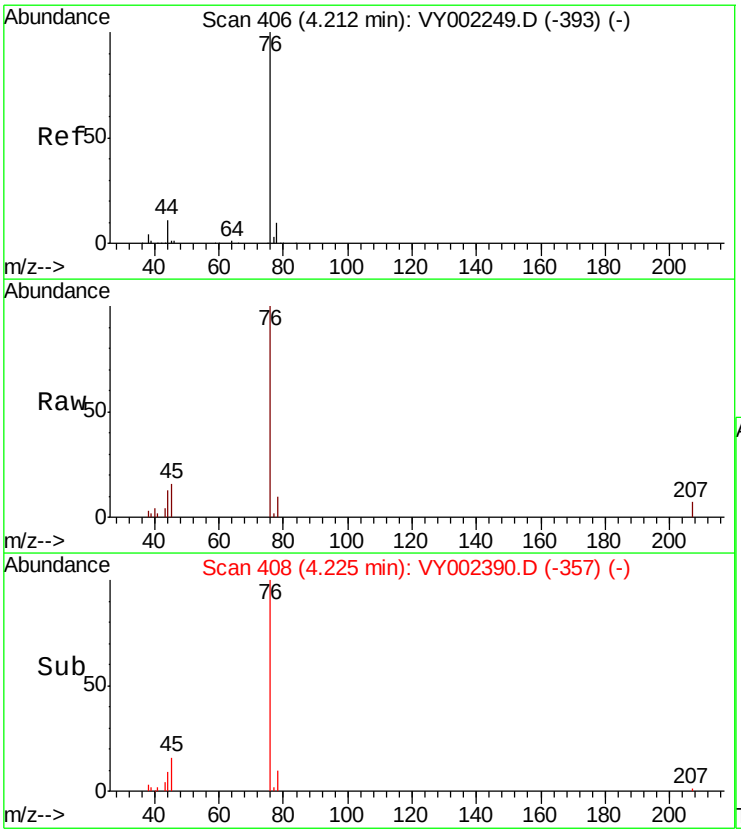
#16
Acetone
Concen: 41.615 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 19010

Ion	Ratio	Lower	Upper
43	100		
58	38.1	28.5	42.7

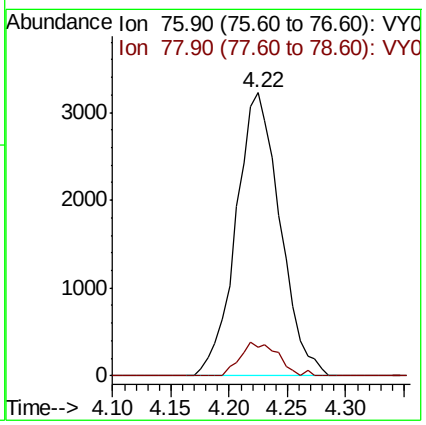


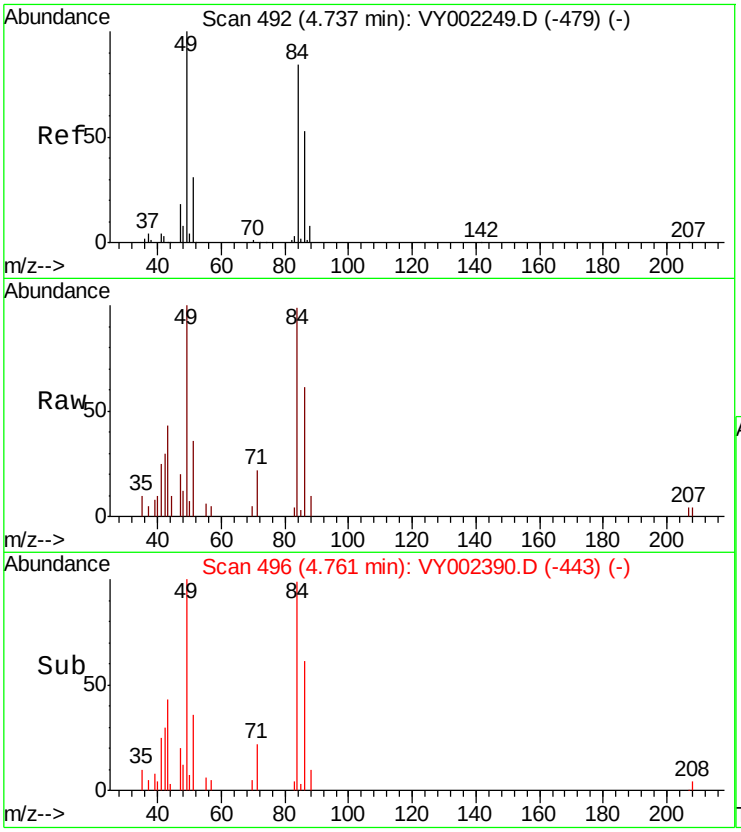


#17
Carbon Disulfide
Concen: 1.360 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 76 Resp: 8508

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.7	11.5



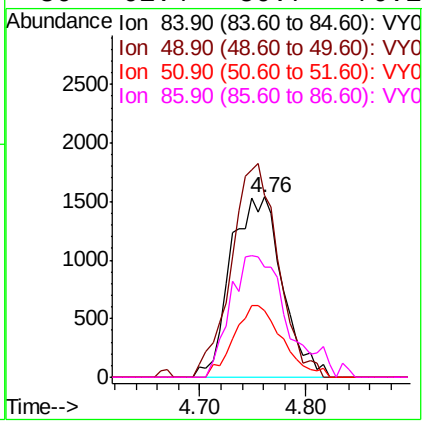


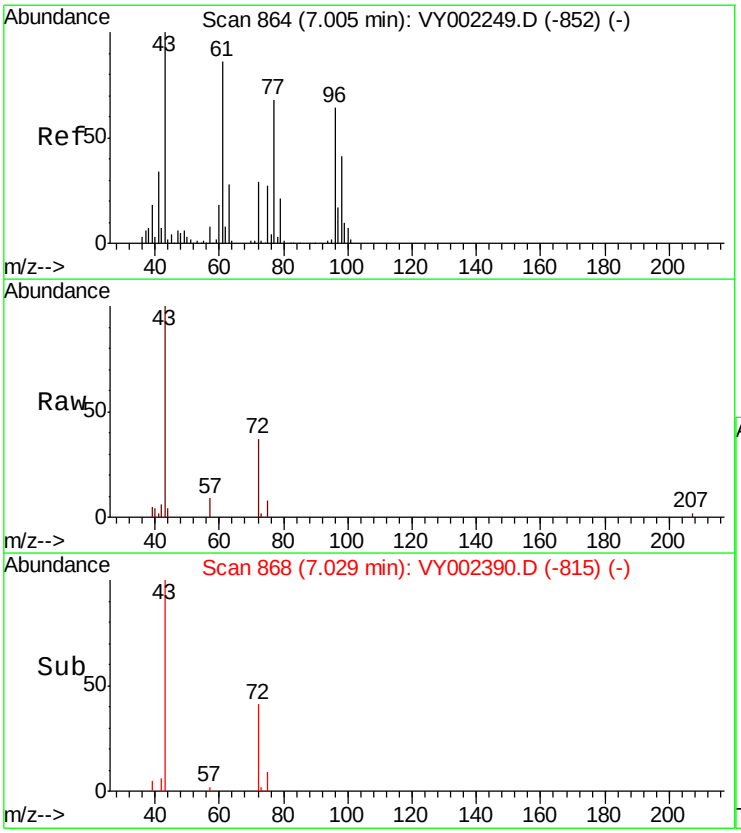
#20
Methylene Chloride
Concen: 2.324 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 5218

Ion	Ratio	Lower	Upper
84	100		
49	100.9	95.5	143.3
51	36.8	29.5	44.3
86	61.4	50.7	76.1

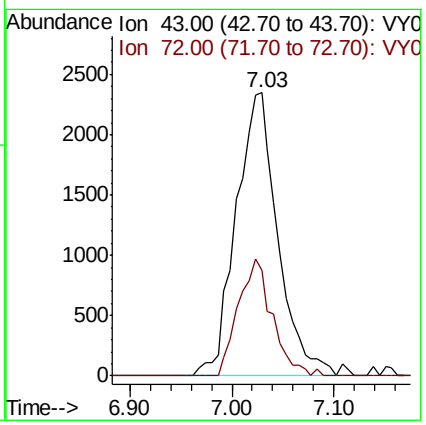


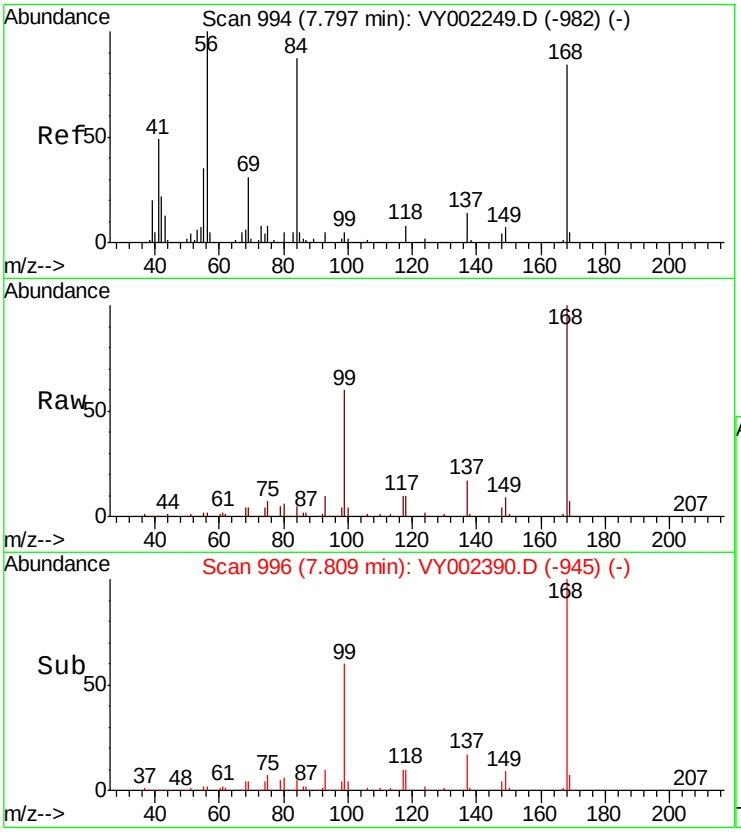


#25
2-Butanone
Concen: 9.222 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.02 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 43 Resp: 6667

Ion	Ratio	Lower	Upper
43	100		
72	37.2	23.2	34.8#



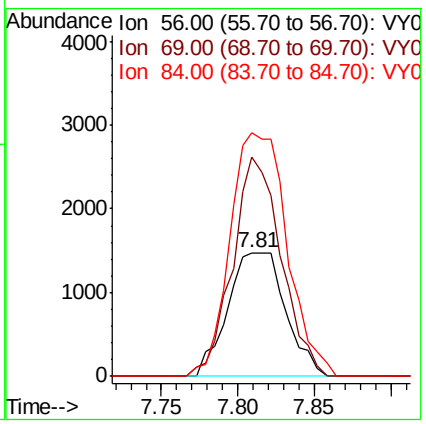


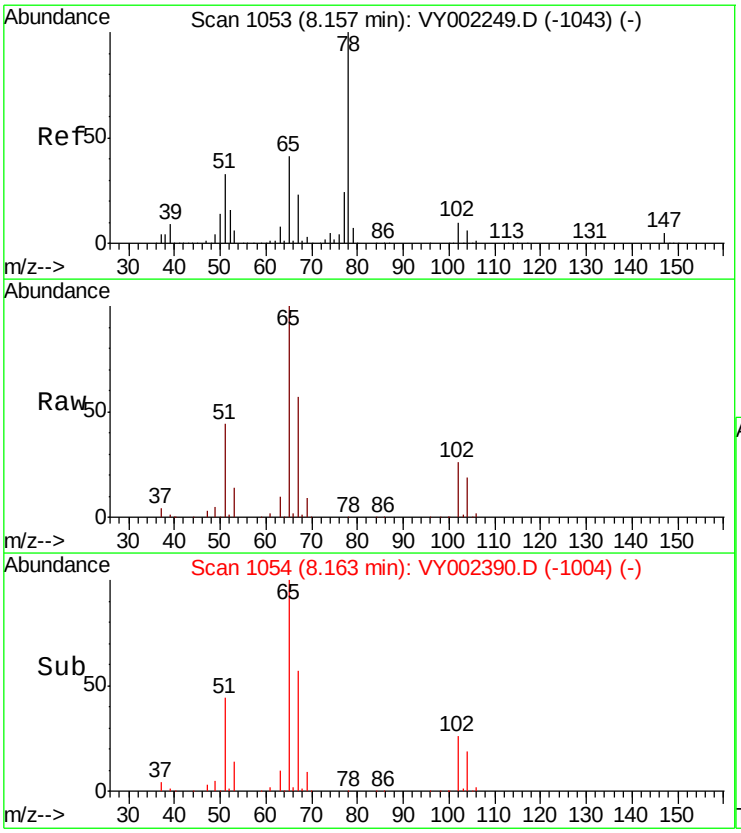
#31
Cyclohexane
Concen: 1.062 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 3879

Ion	Ratio	Lower	Upper
56	100		
69	177.5	25.0	37.6#
84	216.4	69.7	104.5#

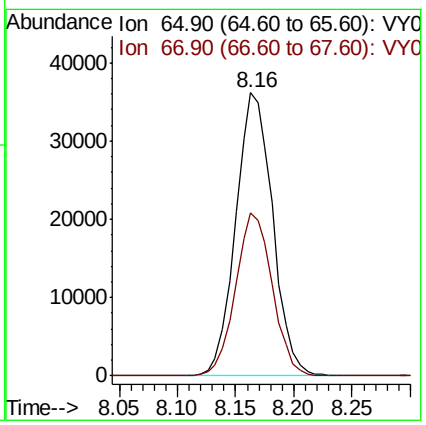


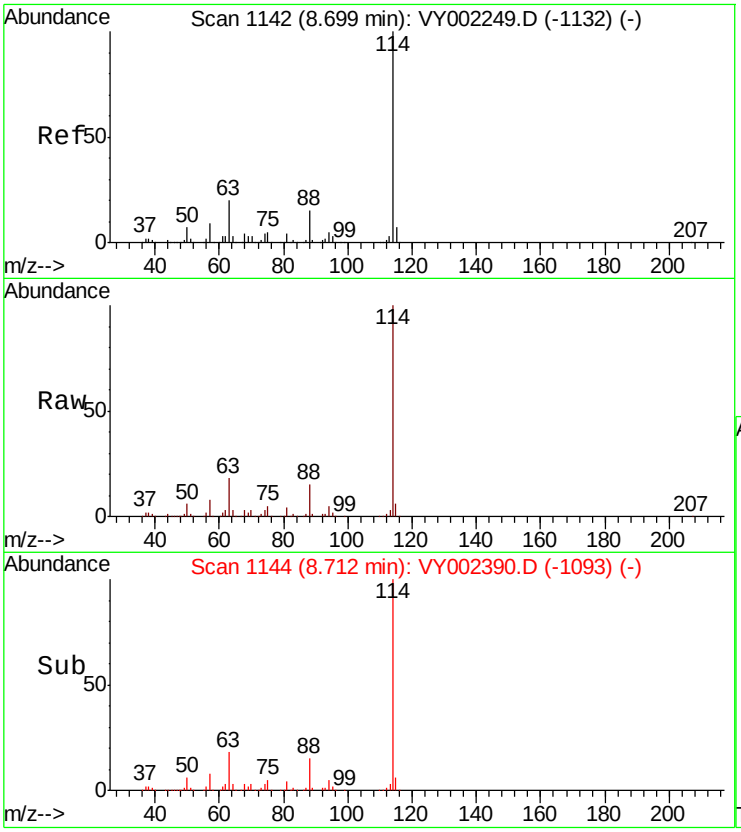


#33
1,2-Dichloroethane-d4
Concen: 46.120 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 65 Resp: 79990

Ion	Ratio	Lower	Upper
65	100		
67	57.1	0.0	114.0



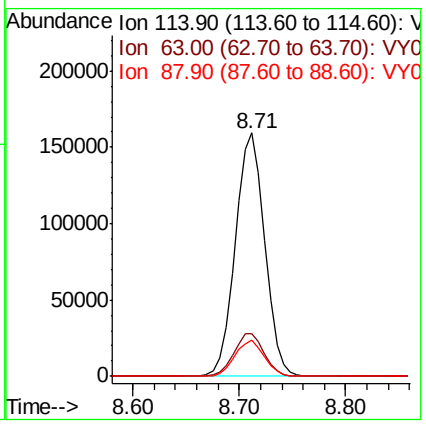


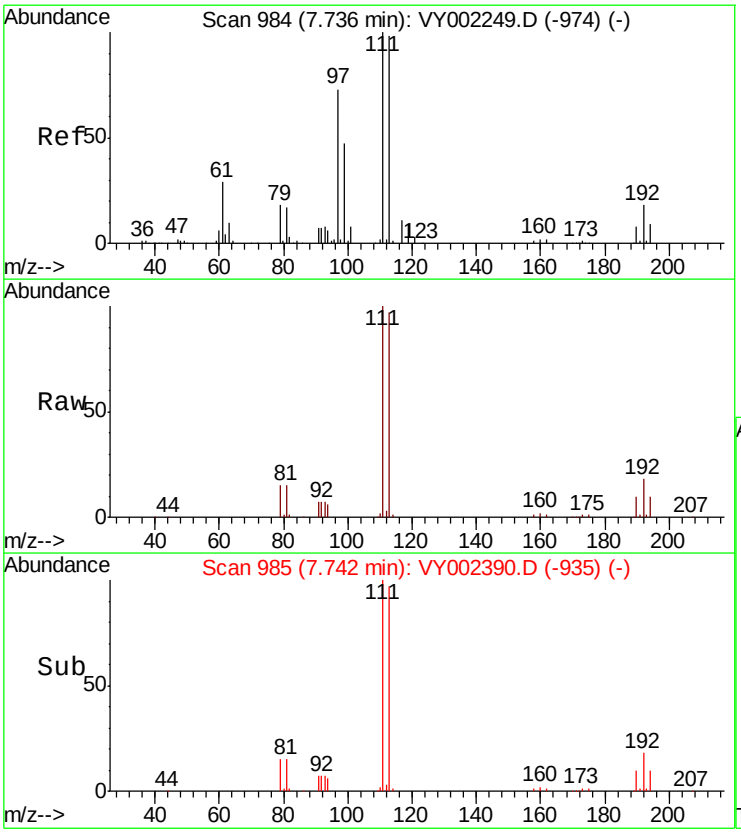
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 308703

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	39.0
88	15.0	0.0	31.0

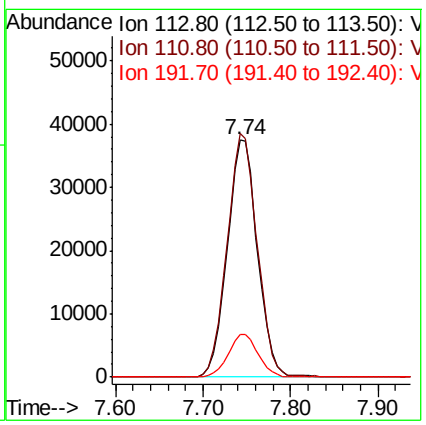


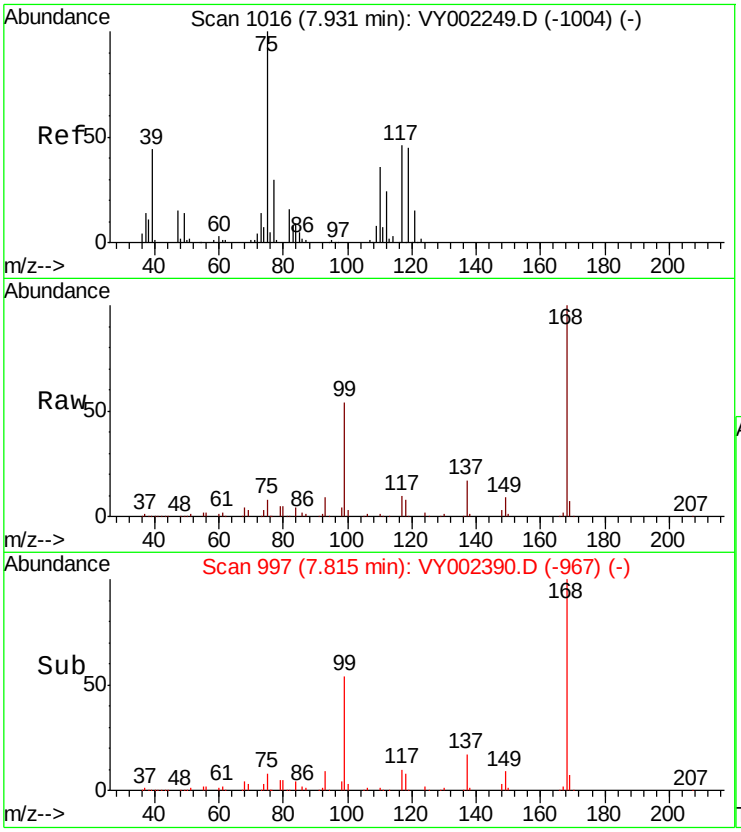


#35
Dibromofluoromethane
Concen: 48.845 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion:113 Resp: 89722

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.5	125.3
192	17.9	14.7	22.1



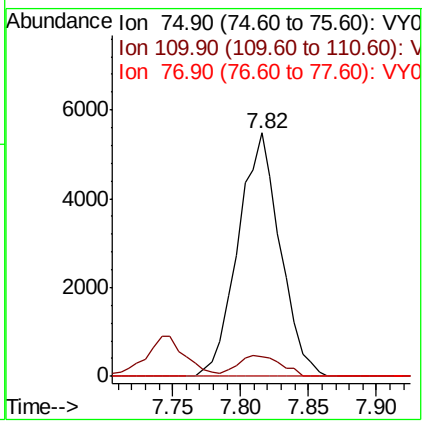


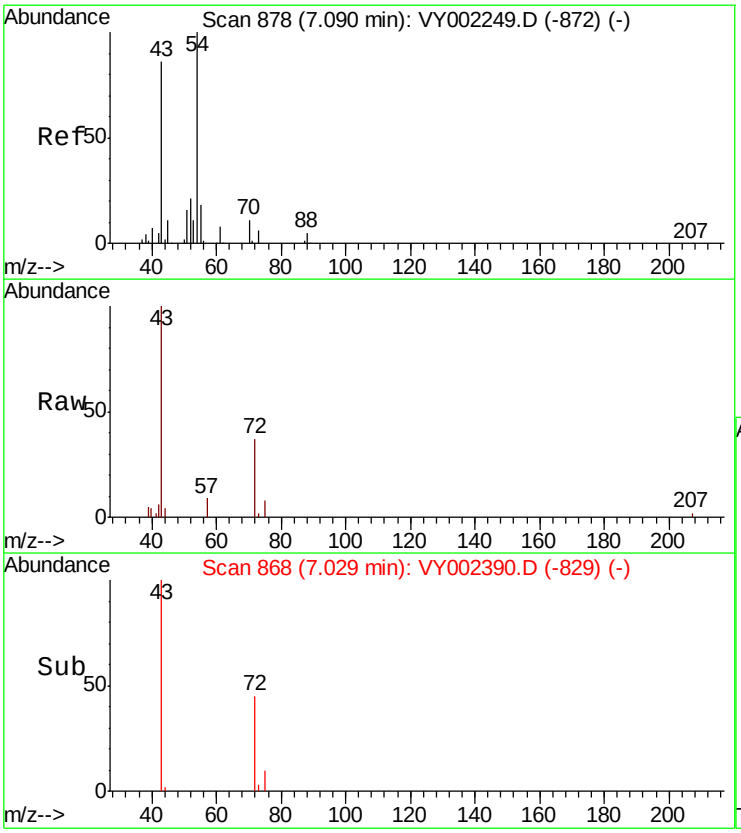
#36
1,1-Dichloropropene
Concen: 3.893 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.12 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11838

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.8	53.3#
77	0.0	24.4	36.6#

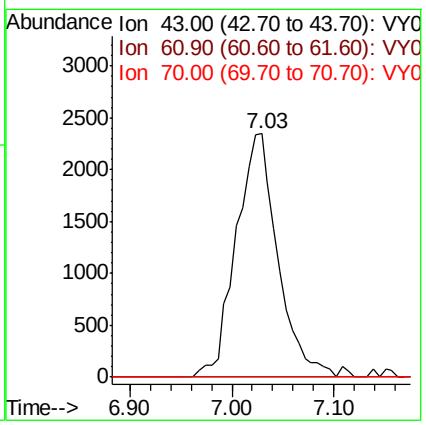


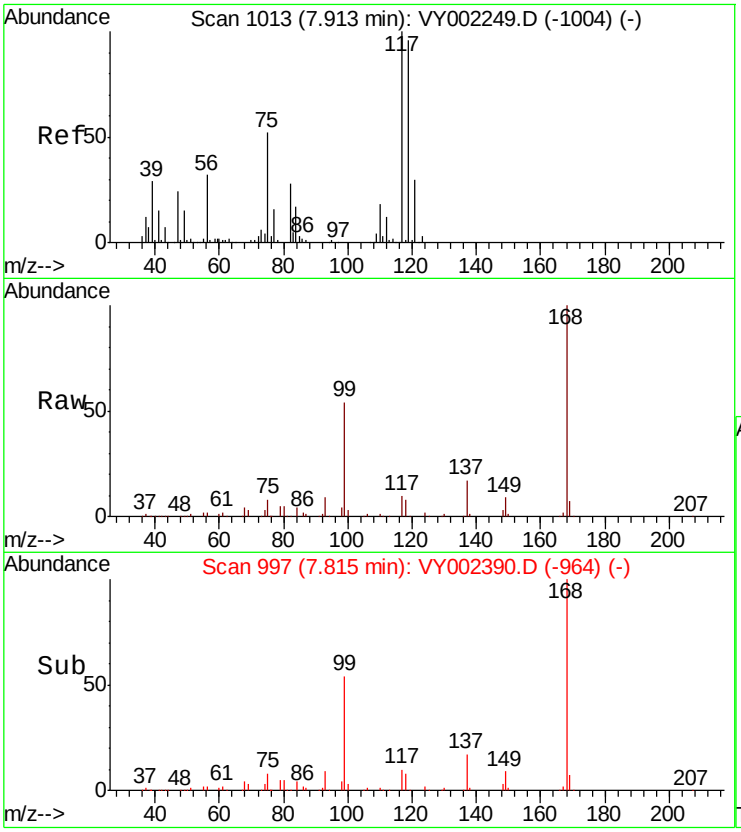


#37
Ethyl Acetate
Concen: 3.838 ug/l
RT: 7.03 min Scan# 868
Delta R.T. -0.06 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 43 Resp: 6667

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	9.1	13.7#



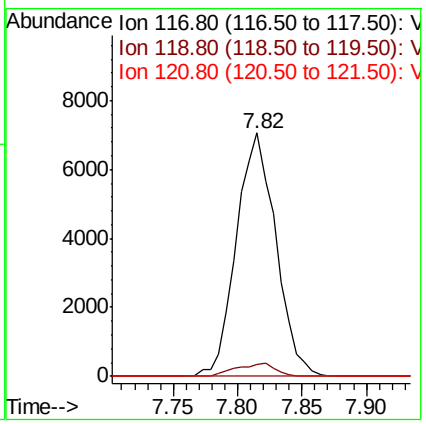


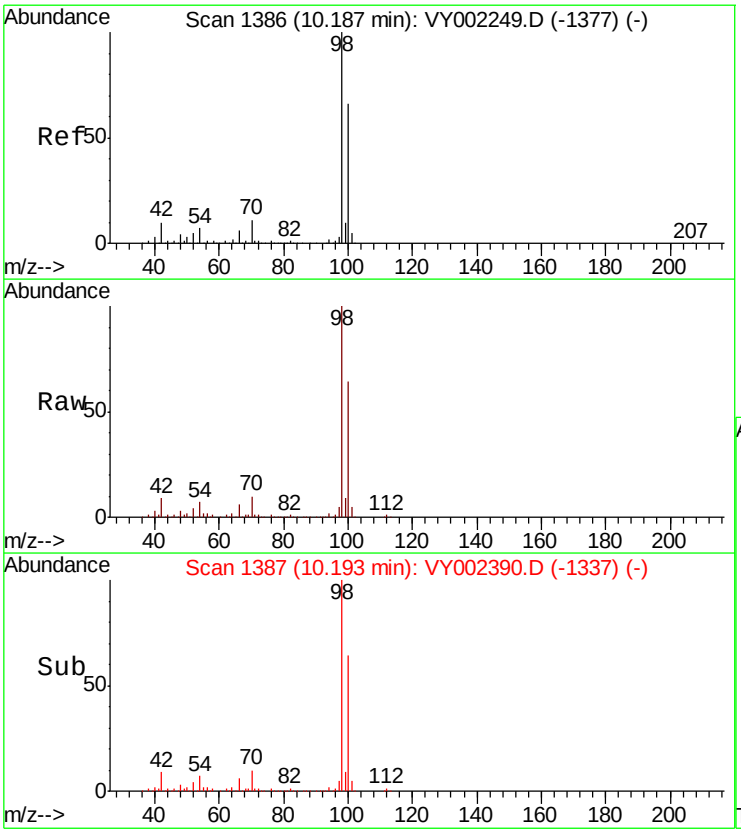
#38
Carbon Tetrachloride
Concen: 5.753 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 14962

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.1	115.7#
121	0.0	23.9	35.9#

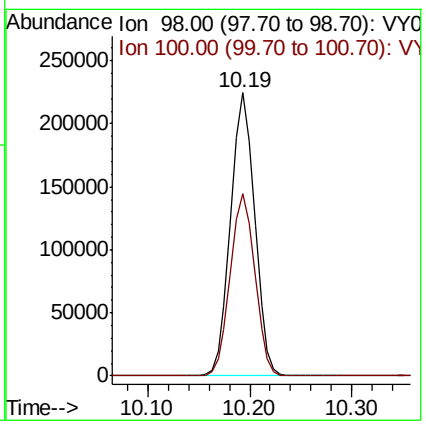


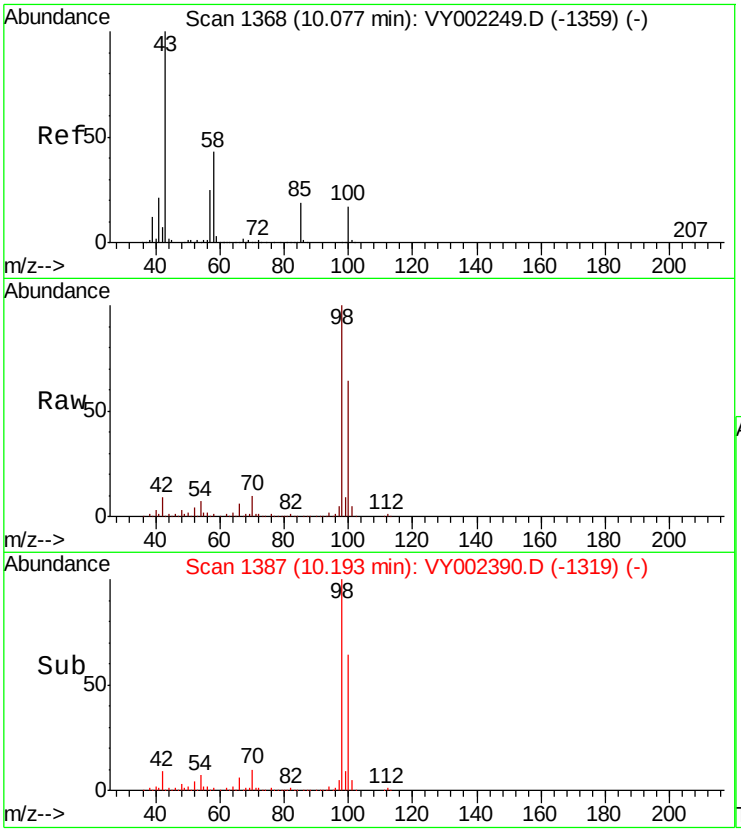


#50
Toluene-d8
Concen: 47.770 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 98 Resp: 367276

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8



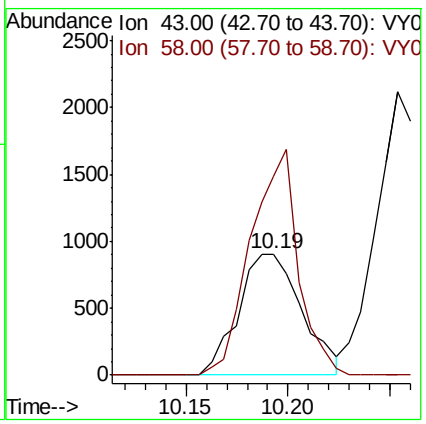


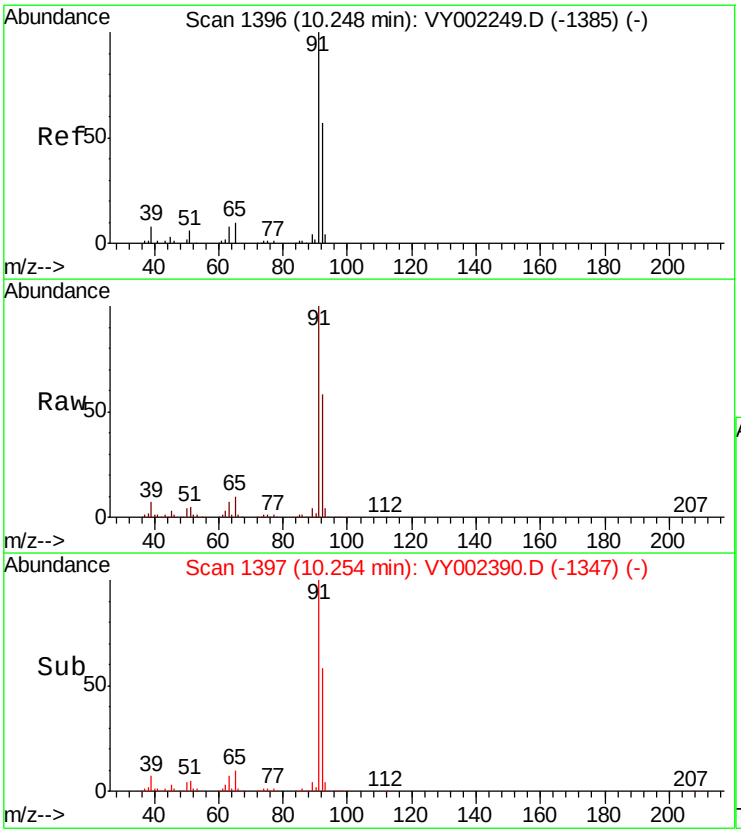
#51
4-Methyl-2-Pentanone
Concen: 1.185 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.12 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1957

Ion	Ratio	Lower	Upper
43	100		
58	139.3	33.8	50.8#

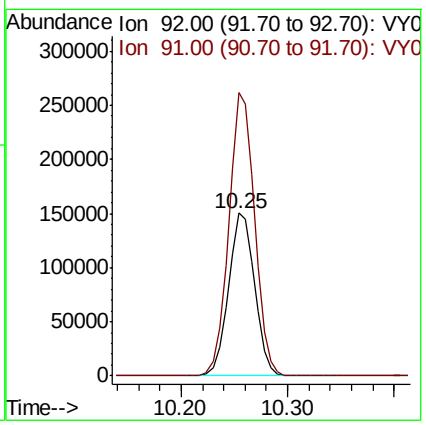


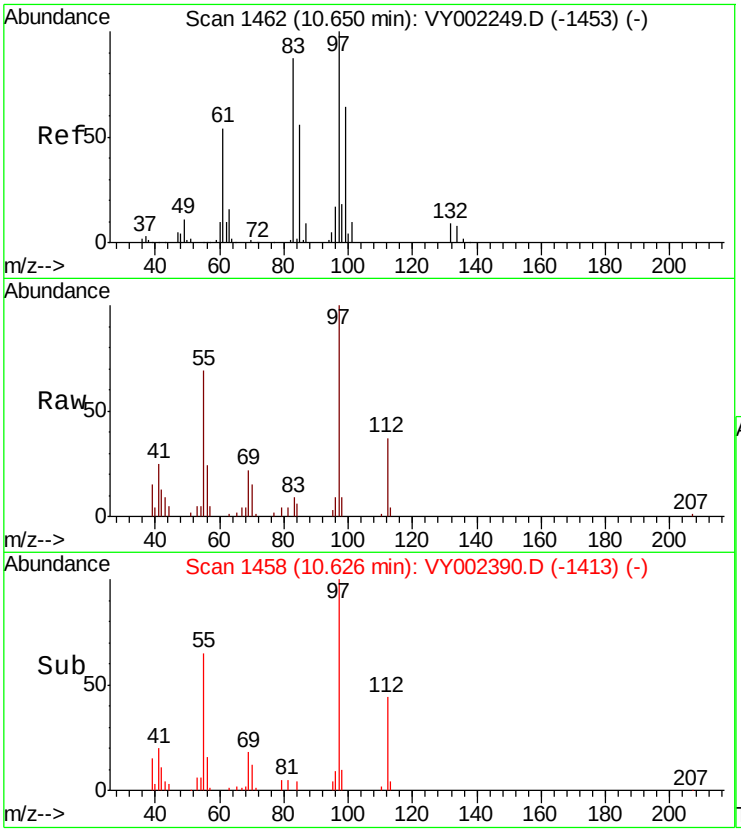


#52
Toluene
Concen: 46.425 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 92 Resp: 258109

Ion	Ratio	Lower	Upper
92	100		
91	172.2	139.0	208.6



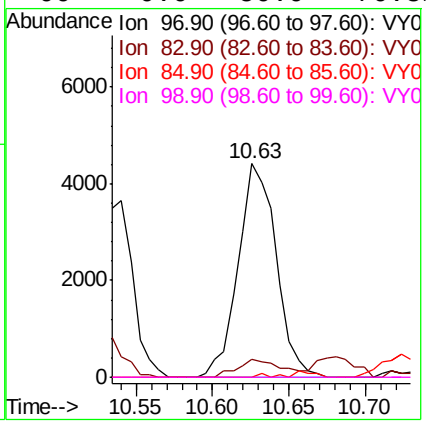


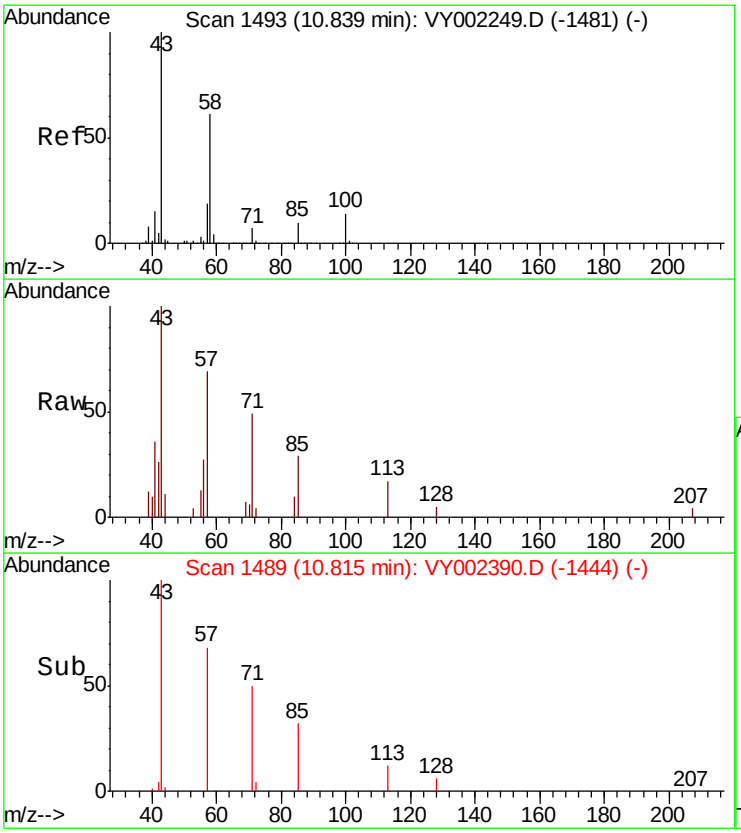
#55
1,1,2-Trichloroethane
Concen: 4.352 ug/l
RT: 10.63 min Scan# 1458
Delta R.T. -0.02 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 7625

Ion	Ratio	Lower	Upper
97	100		
83	8.7	69.5	104.3#
85	0.0	45.2	67.8#
99	0.0	50.9	76.3#

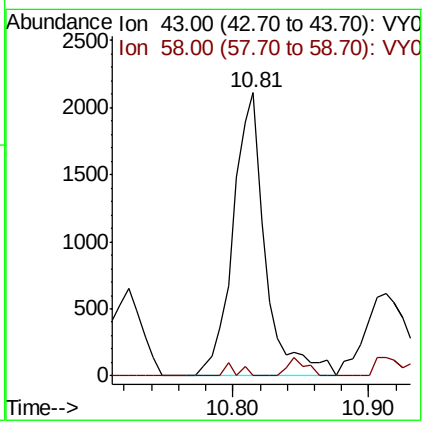


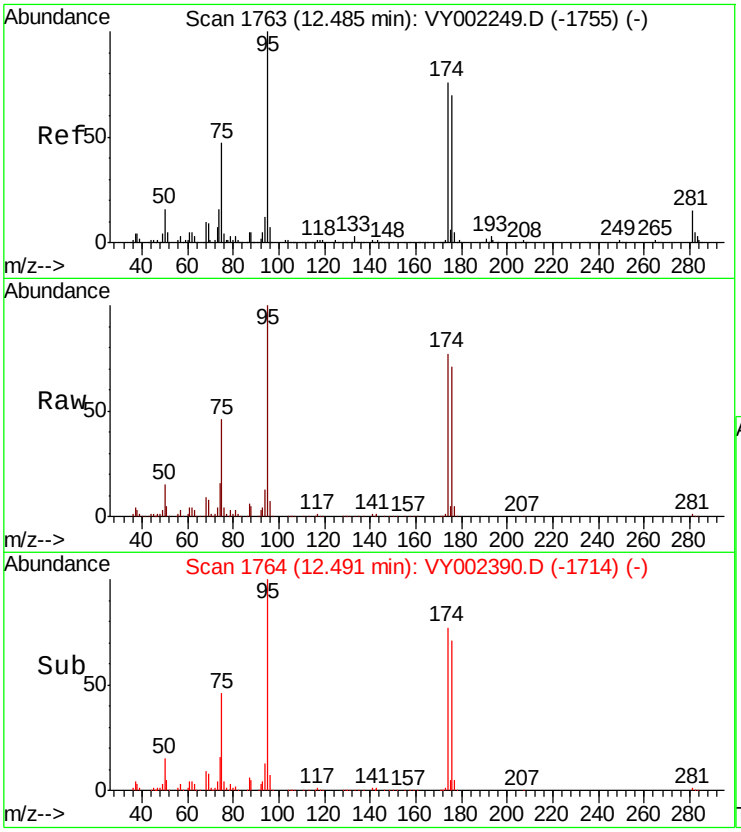


#59
2-Hexanone
Concen: 3.037 ug/l
RT: 10.81 min Scan# 1489
Delta R.T. -0.02 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 43 Resp: 3480

Ion	Ratio	Lower	Upper
43	100		
58	1.8	29.8	89.3#



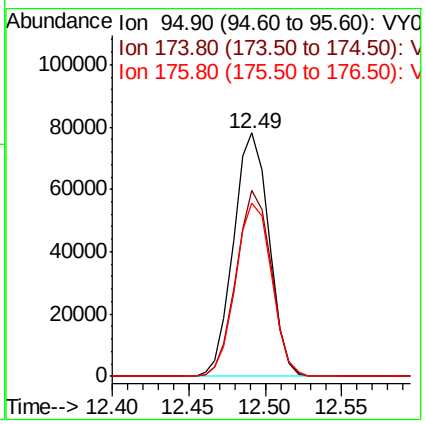


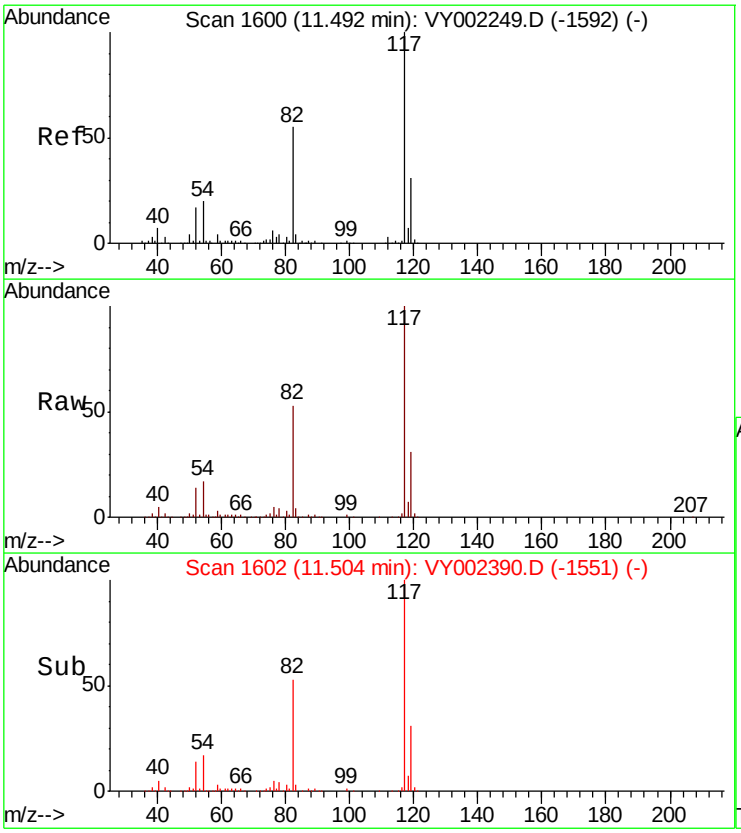
#62
4-Bromofluorobenzene
Concen: 49.557 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 125703

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	150.6
176	72.3	0.0	141.4

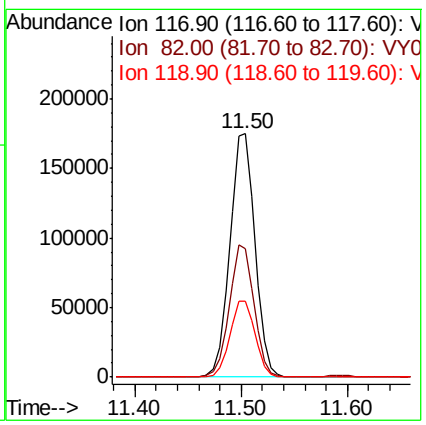


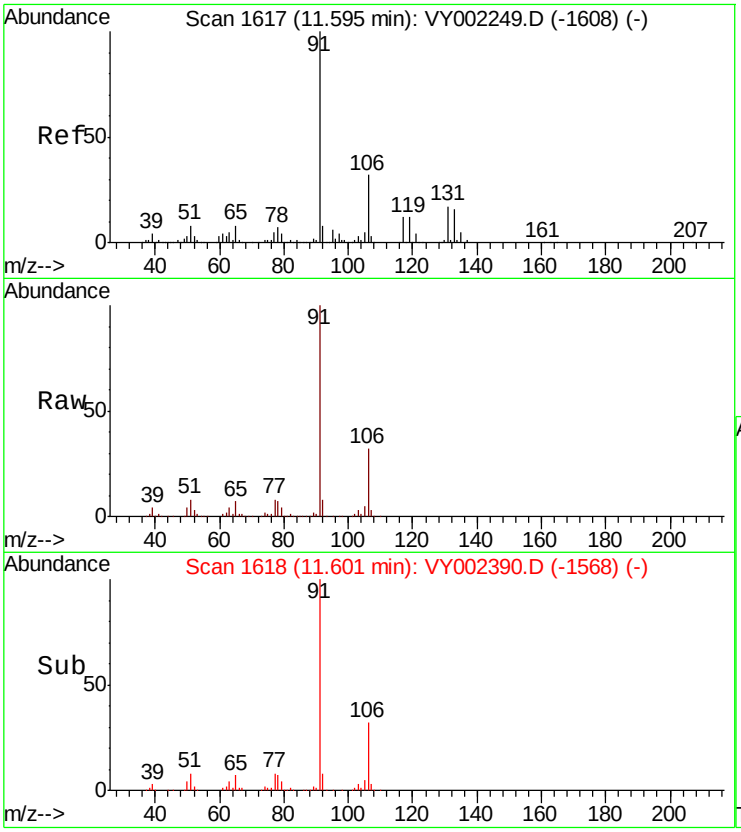


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion:117 Resp: 289263

Ion	Ratio	Lower	Upper
117	100		
82	52.6	44.2	66.4
119	31.2	25.1	37.7



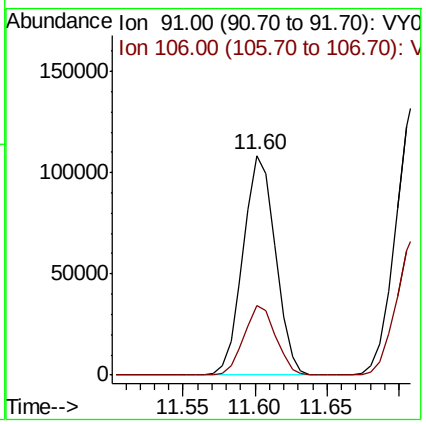


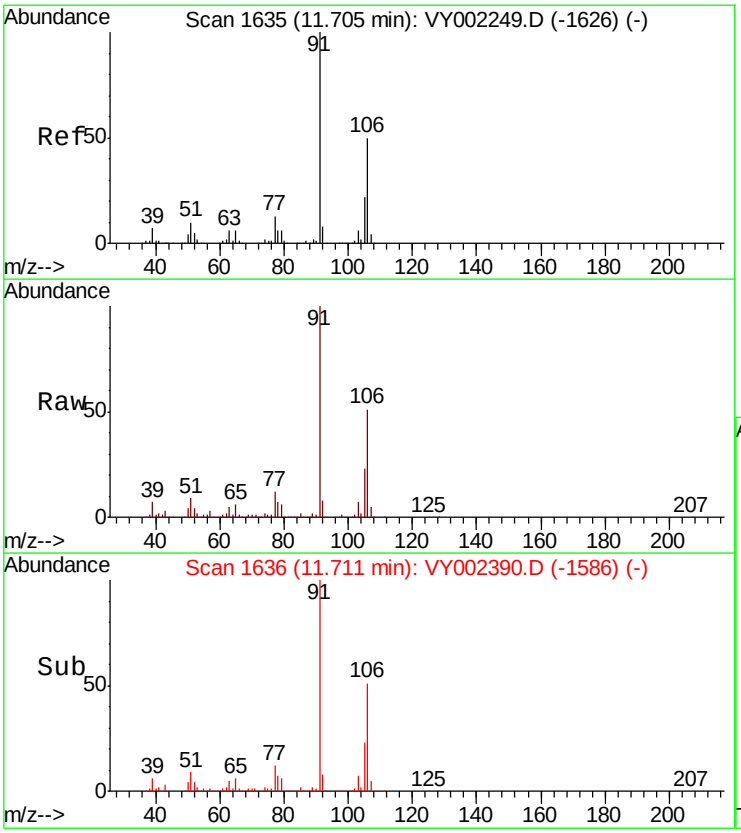
#67
Ethyl Benzene
Concen: 15.347 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 168935

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.4	38.0

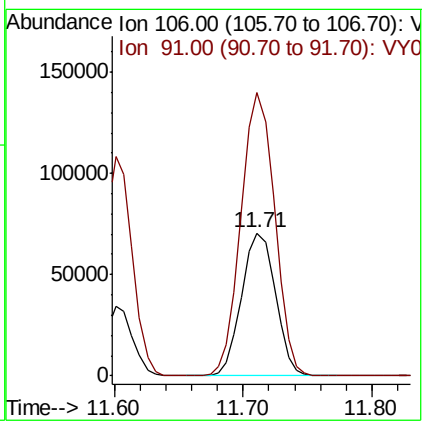


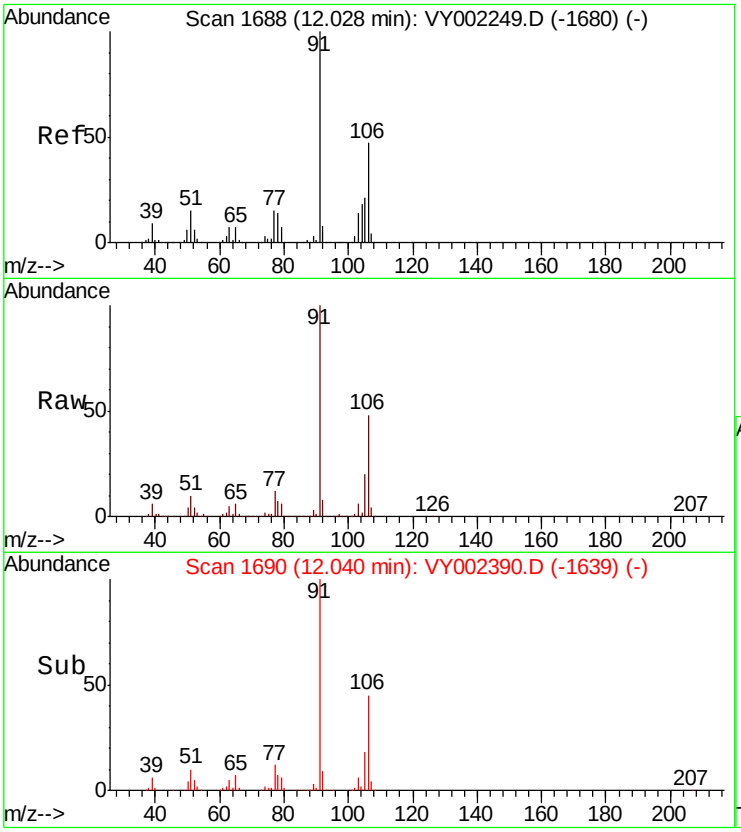


#68
m/p-Xylenes
Concen: 31.156 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion:106 Resp: 128453

Ion	Ratio	Lower	Upper
106	100		
91	197.3	159.8	239.6



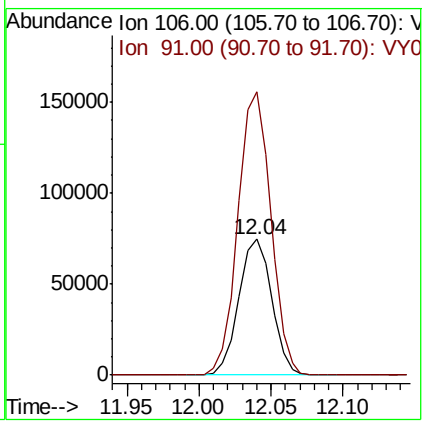


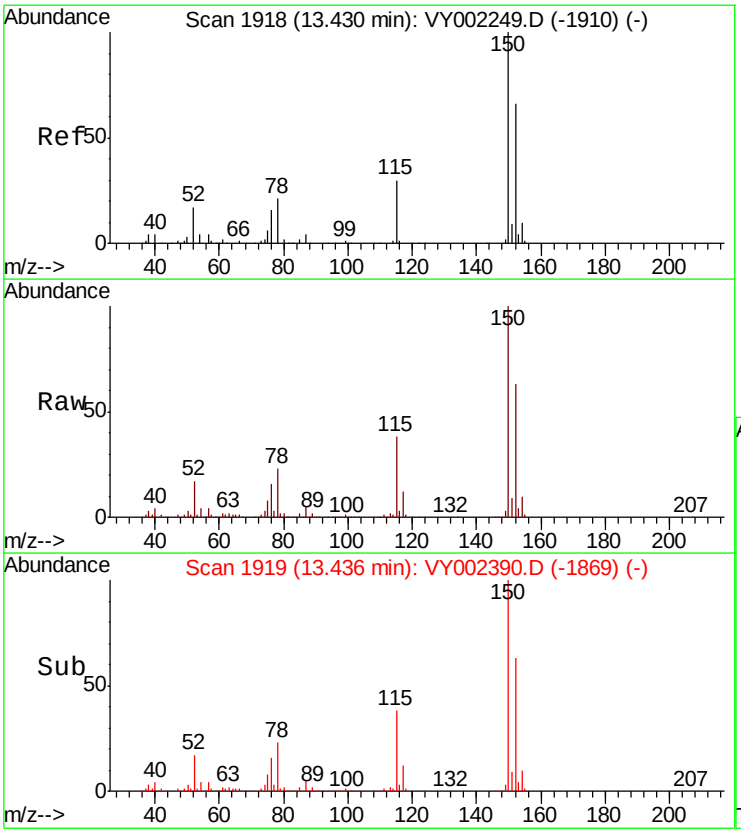
#69
o-Xylene
Concen: 30.603 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 118455

Ion	Ratio	Lower	Upper
106	100		
91	208.5	105.8	317.3

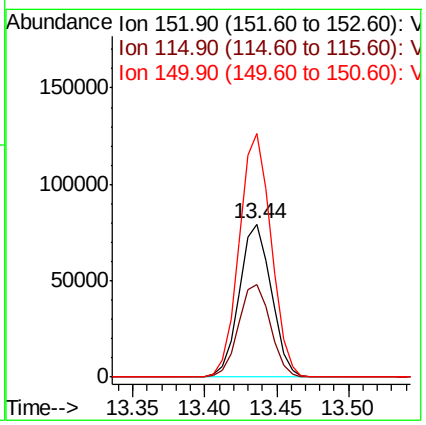


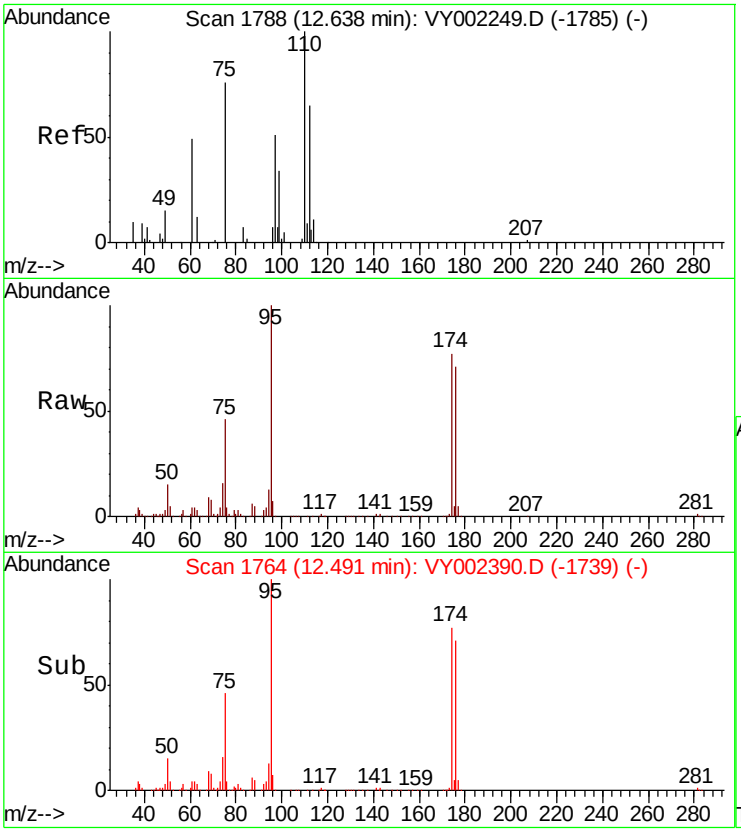


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion:152 Resp: 121629

Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.7	92.1
150	158.8	0.0	350.6



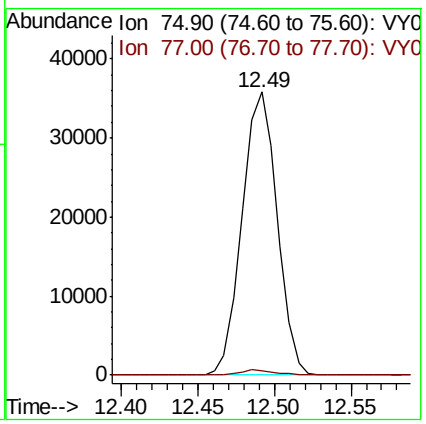


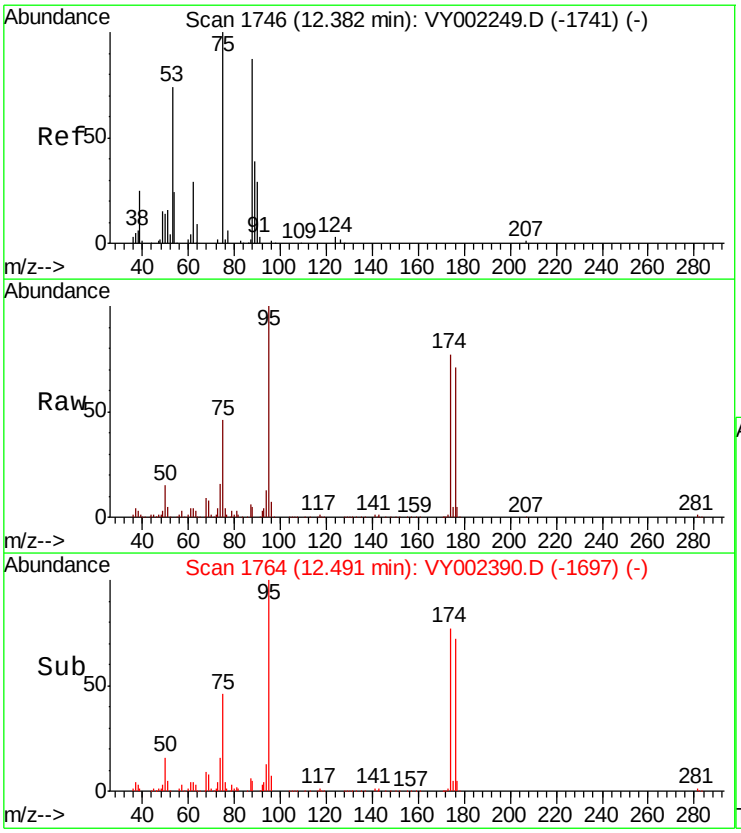
#76
1,2,3-Trichloropropane
Concen: 40.430 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 57103

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.636 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.11 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 75 Resp: 57103

Ion	Ratio	Lower	Upper
75	100		
53	0.0	59.8	89.8#
89	0.0	37.0	55.6#