Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021920\
Data File : VY001700.D
Acq On : 19 Feb 2020 15:13
Operator : SY/MD
Sample : L1581-02
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 40712

Quant Time: Feb 20 06:06:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	119534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	234572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	137001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	24101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	75269	58.54	ug/l	-0.01
Spiked Amount 50.000			Recovery = 117.08%			
35) Dibromofluoromethane	7.74	113	68173	50.74	ug/l	-0.01
Spiked Amount 50.000			Recovery = 101.48%			
50) Toluene-d8	10.19	98	225819	42.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.80%			
62) 4-Bromofluorobenzene	12.49	95	43910	21.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 42.94%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.99	59	27917	180.367	ug/l	98
16) Acetone	3.97	43	20467551	46006.044	ug/l	94
25) 2-Butanone	7.01	43	50934	84.277	ug/l #	89
39) Methylcyclohexane	9.19	83	797795	268.387	ug/l	95
40) Benzene	8.17	78	47249	7.170	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	61600	47.251	ug/l	99
52) Toluene	10.27	92	25201942	6131.088	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.77	63	898	Below Cal	#	48
67) Ethyl Benzene	11.60	91	76648	15.100	ug/l	97
68) m/p-Xylenes	11.70	106	34863	18.387	ug/l	96
69) o-Xylene	12.03	106	16673	9.249	ug/l	99
73) Isopropylbenzene	12.34	105	3155	1.718	ug/l	100
78) n-propylbenzene	12.68	91	13135	5.874	ug/l	96
80) 1,3,5-Trimethylbenzene	12.82	105	8072	5.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	24817	16.378	ug/l	99
85) sec-Butylbenzene	13.26	105	3275	1.752	ug/l #	75
86) p-Isopropyltoluene	13.37	119	2759	1.699	ug/l	94
89) n-Butylbenzene	13.70	91	19845	11.958	ug/l #	75
95) Naphthalene	15.24	128	10843	9.962	ug/l	98

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021920\
Data File : VY001700.D
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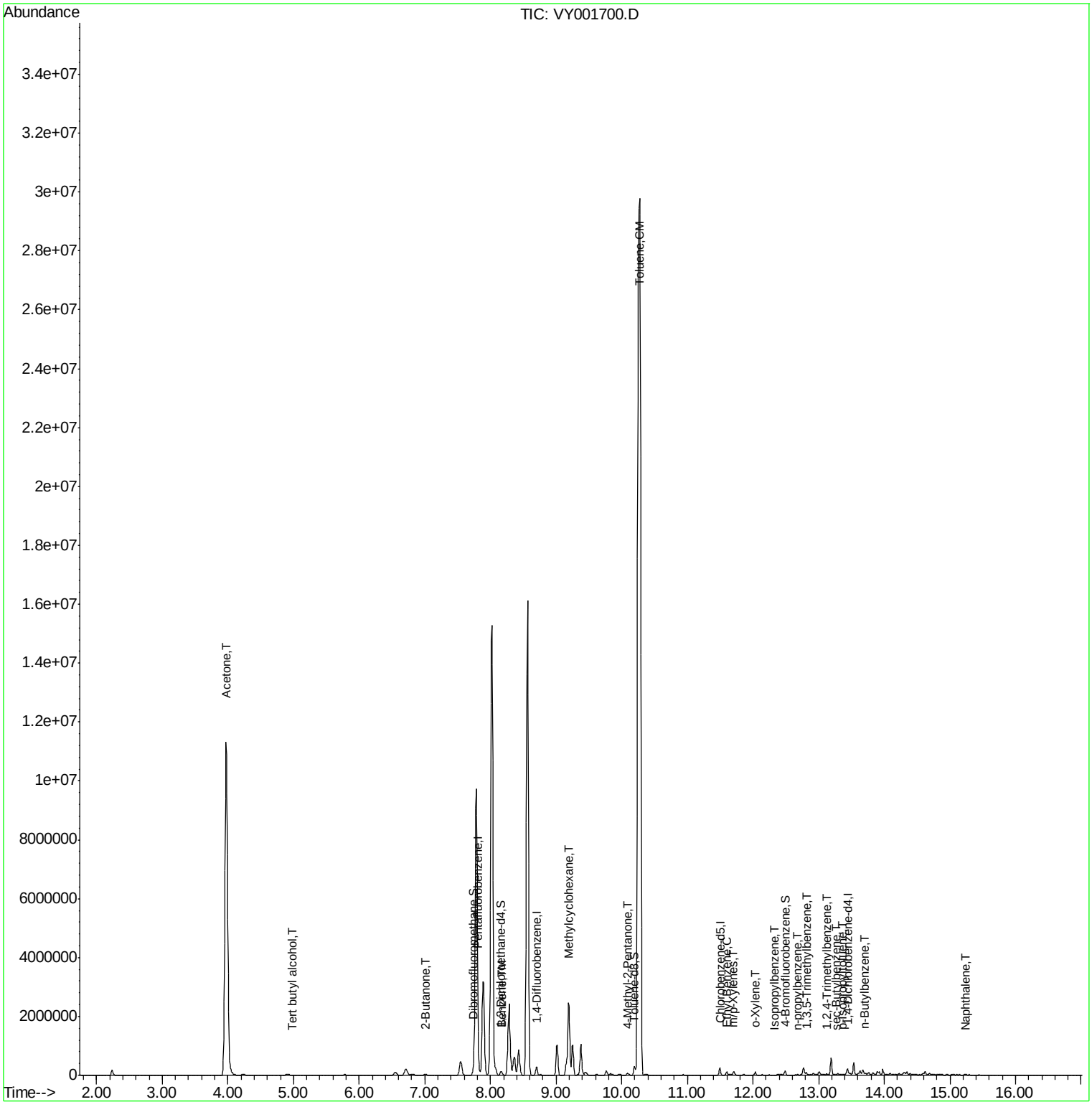
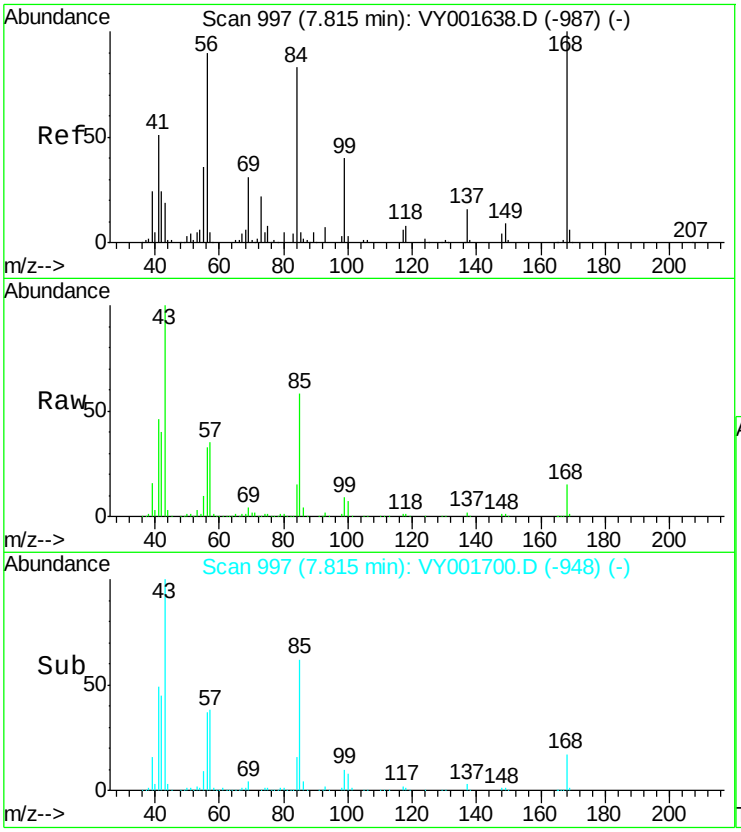
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration



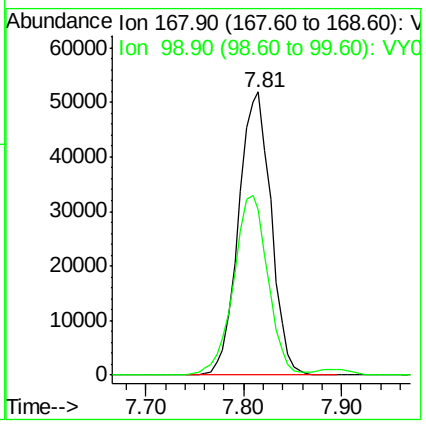


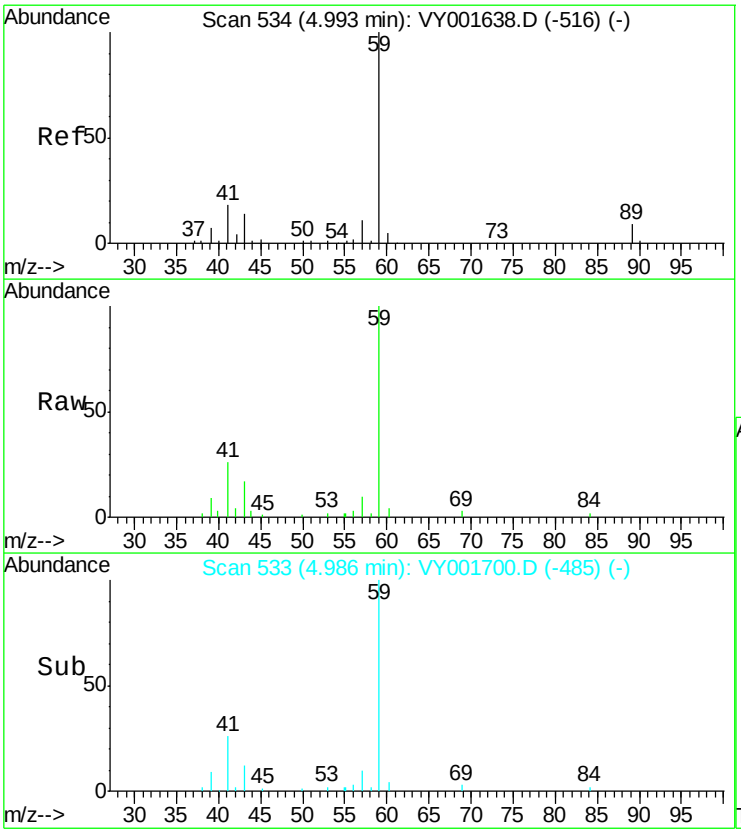
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
40712

Tgt Ion:168 Resp: 119534

Ion	Ratio	Lower	Upper
168	100		
99	58.4	47.5	71.3

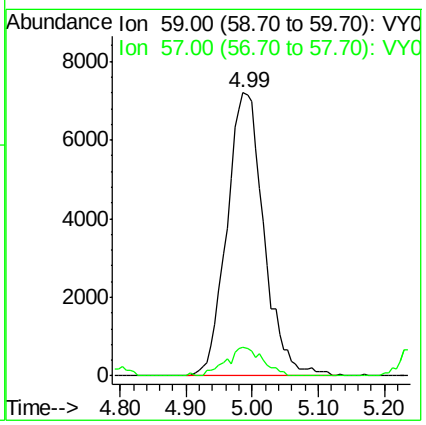


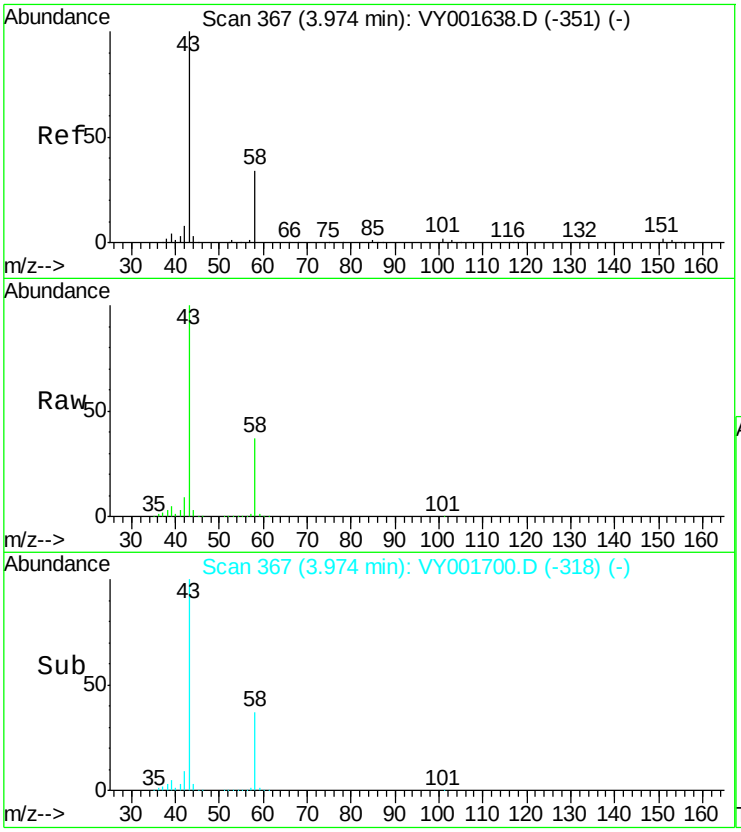


#11
Tert butyl alcohol
Concen: 180.367 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 59 Resp: 27917

Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.4	11.2



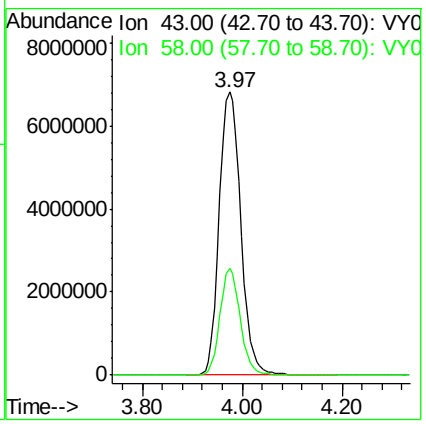


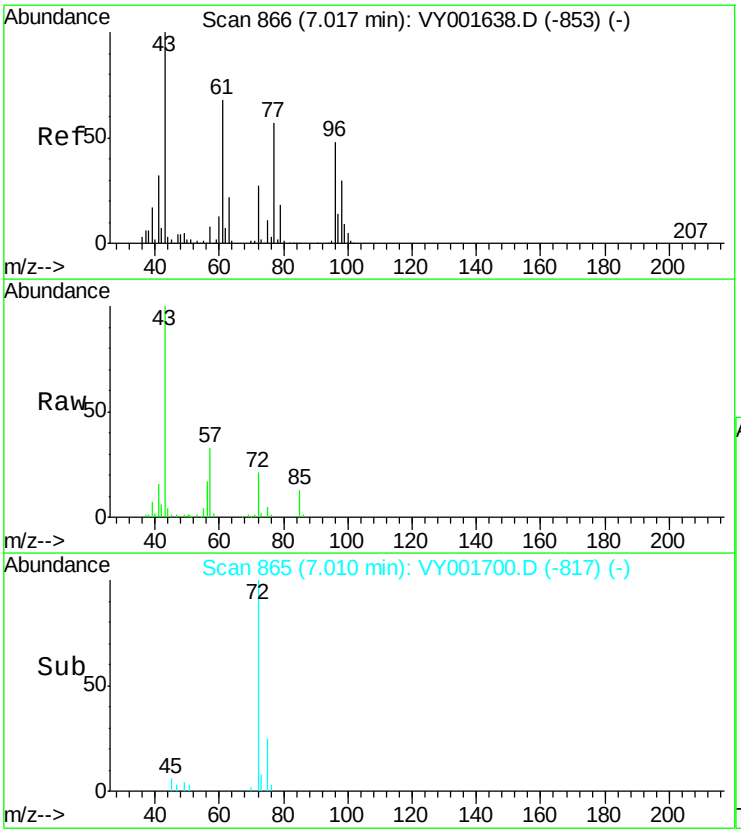
#16
Acetone
Concen: 46006.044 ug/l
RT: 3.97 min Scan# 367
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
40712

Tgt Ion: 43 Resp:20467551

Ion	Ratio	Lower	Upper
43	100		
58	37.5	27.3	40.9

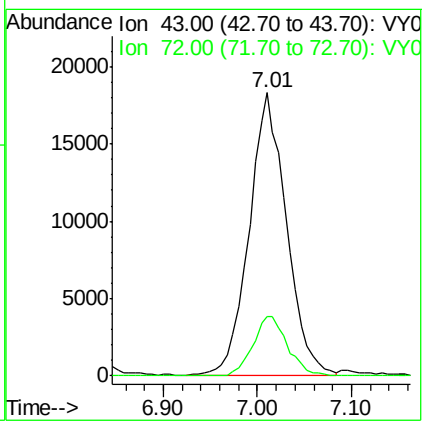


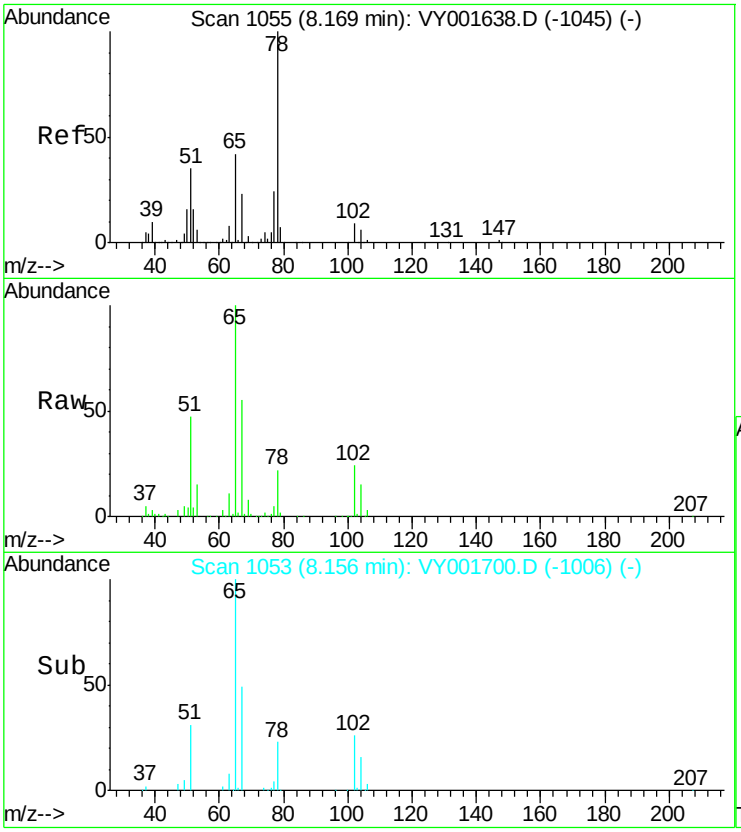


#25
2-Butanone
Concen: 84.277 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 43 Resp: 50934

Ion	Ratio	Lower	Upper
43	100		
72	20.8	21.2	31.8#



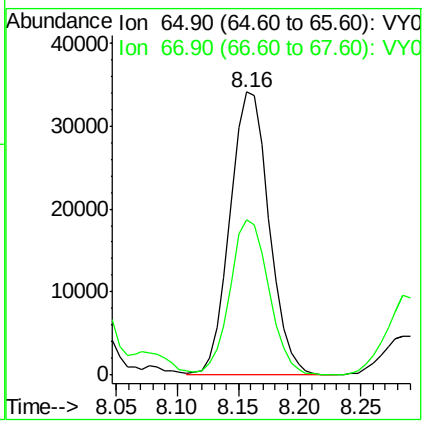


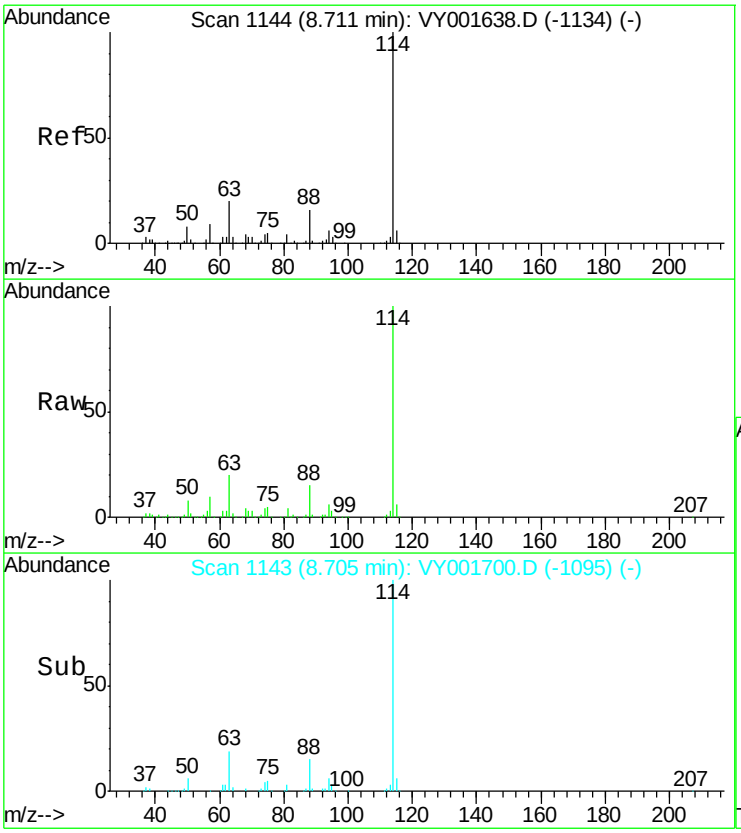
#33
1,2-Dichloroethane-d4
Concen: 58.540 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
40712

Tgt Ion: 65 Resp: 75269

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	111.0

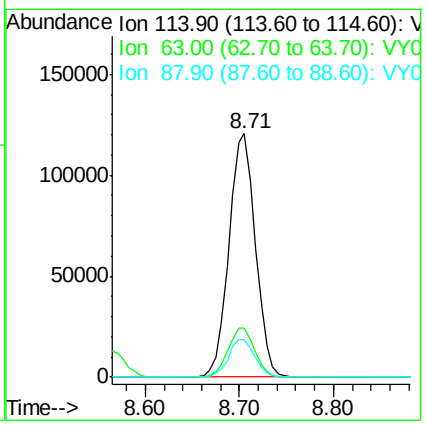


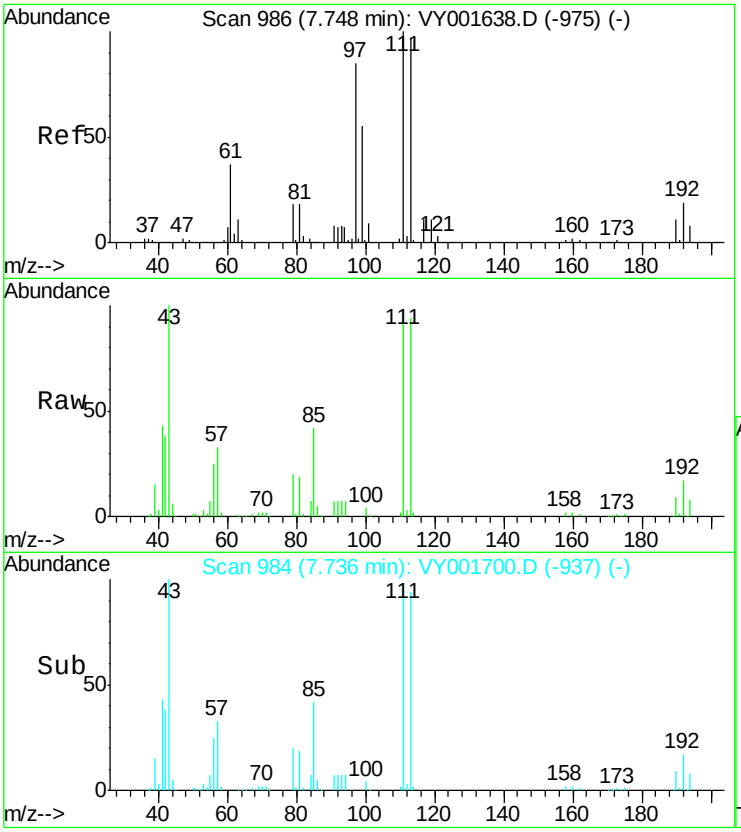


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion:114 Resp: 234572

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.4
88	15.4	0.0	32.8



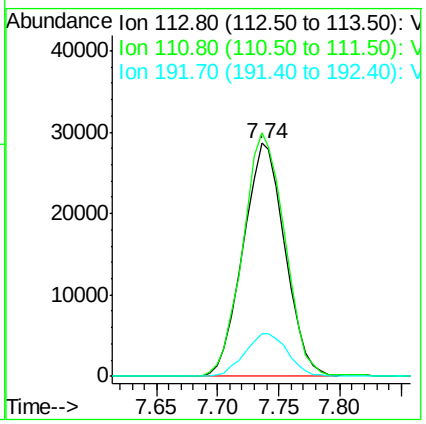


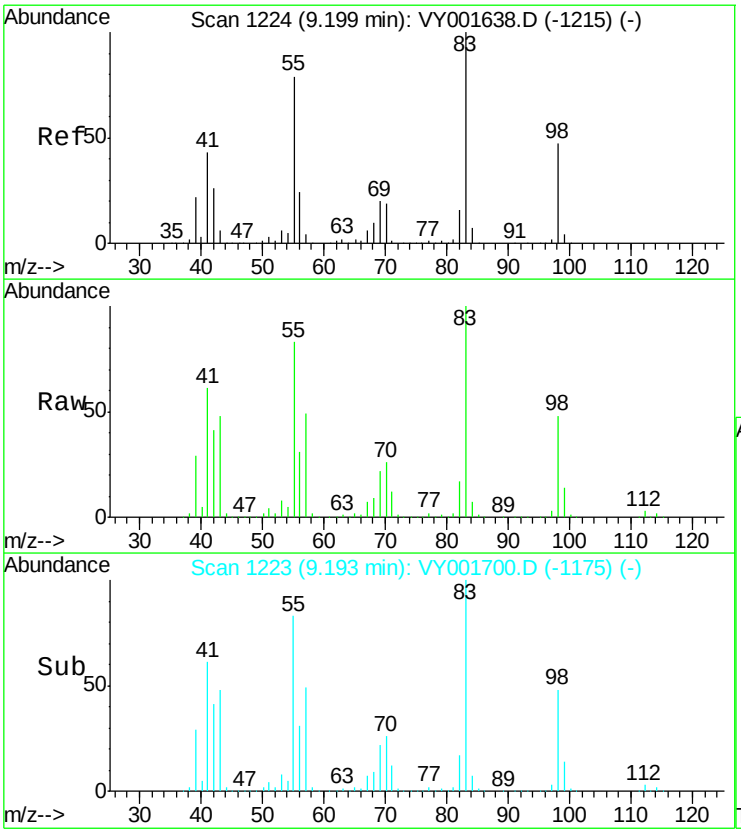
#35
Dibromofluoromethane
Concen: 50.742 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
40712

Tgt Ion:113 Resp: 68173

Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.9	122.9
192	18.8	14.3	21.5

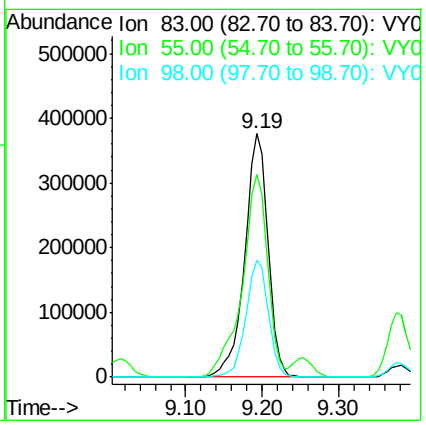


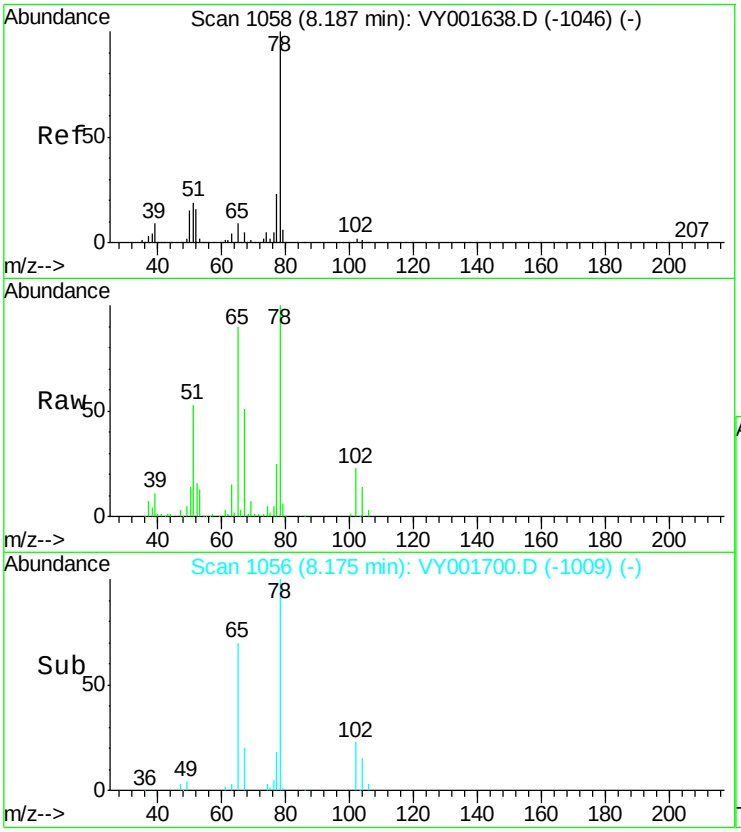


#39
Methylcyclohexane
Concen: 268.387 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 83 Resp: 797795

Ion	Ratio	Lower	Upper
83	100		
55	83.4	61.3	91.9
98	47.8	38.0	57.0



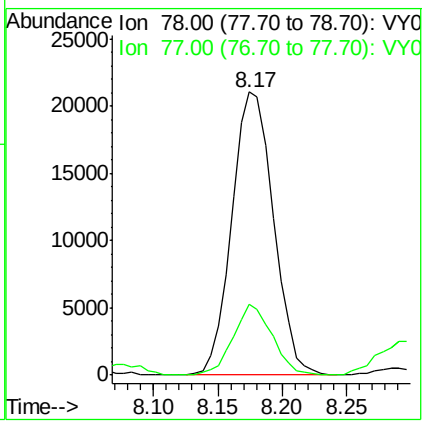


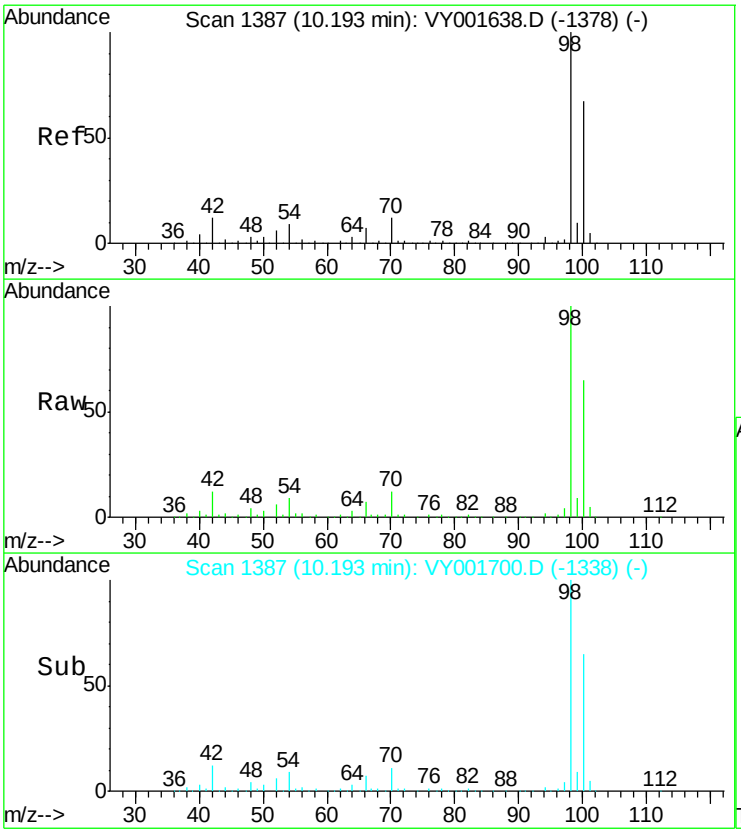
#40
Benzene
Concen: 7.170 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
40712

Tgt Ion: 78 Resp: 47249

Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.2	27.4

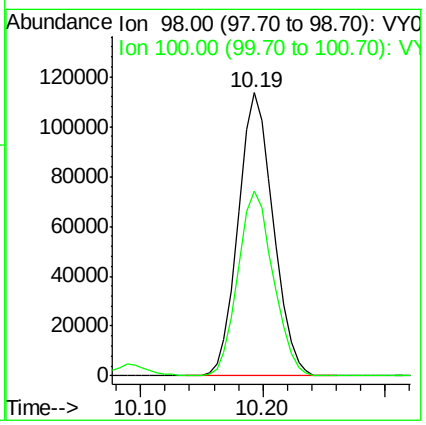


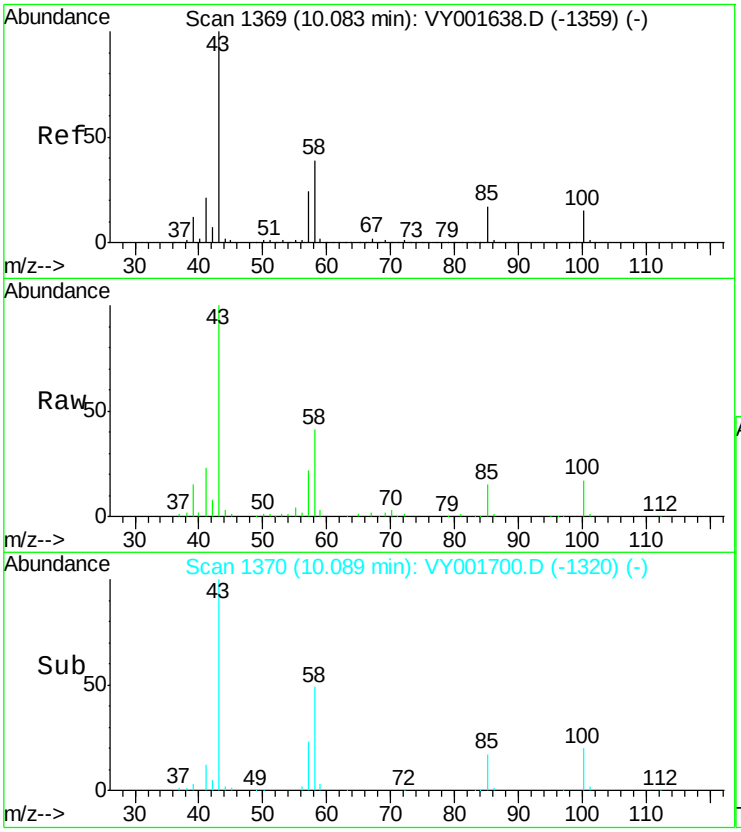


#50
Toluene-d8
Concen: 42.903 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 98 Resp: 225819

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4



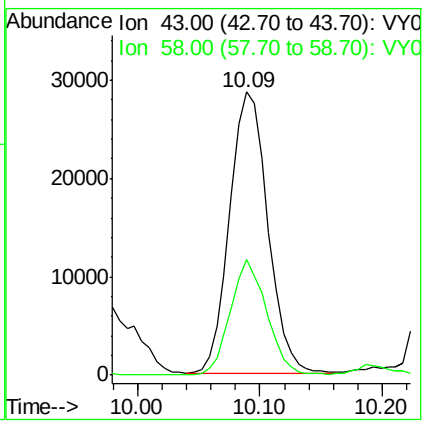


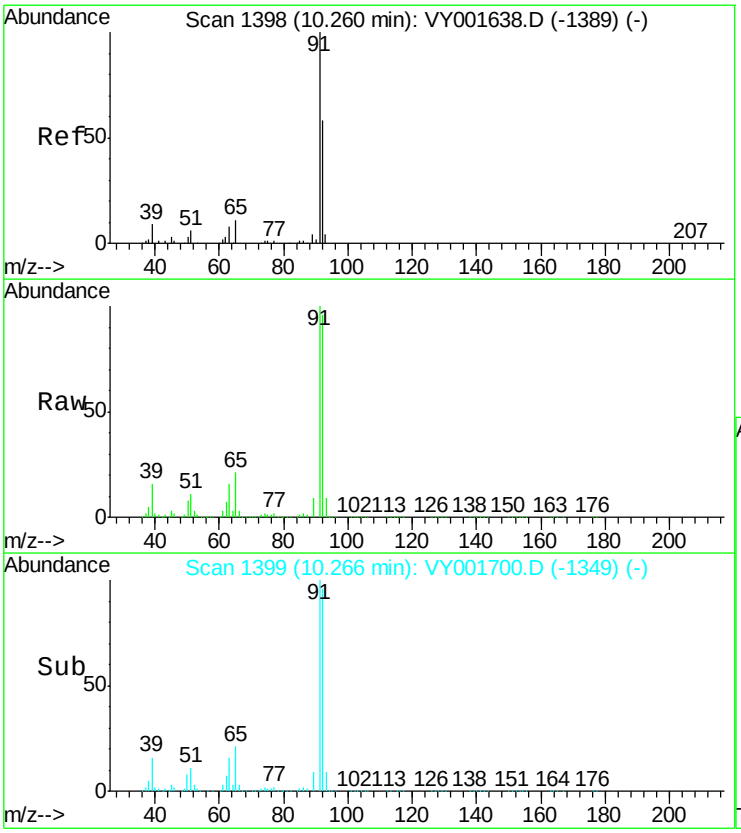
#51
4-Methyl-2-Pentanone
Concen: 47.251 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument : MSVOA_Y
ClientSampleId : 40712

Tgt Ion: 43 Resp: 61600

Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.2	48.4

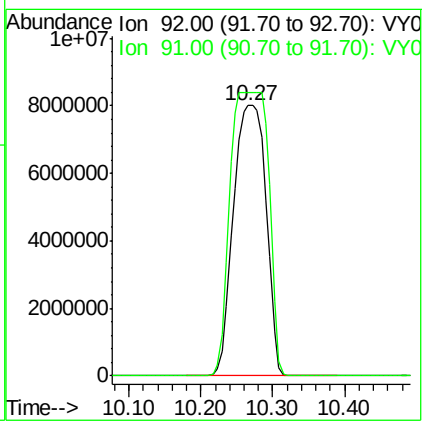


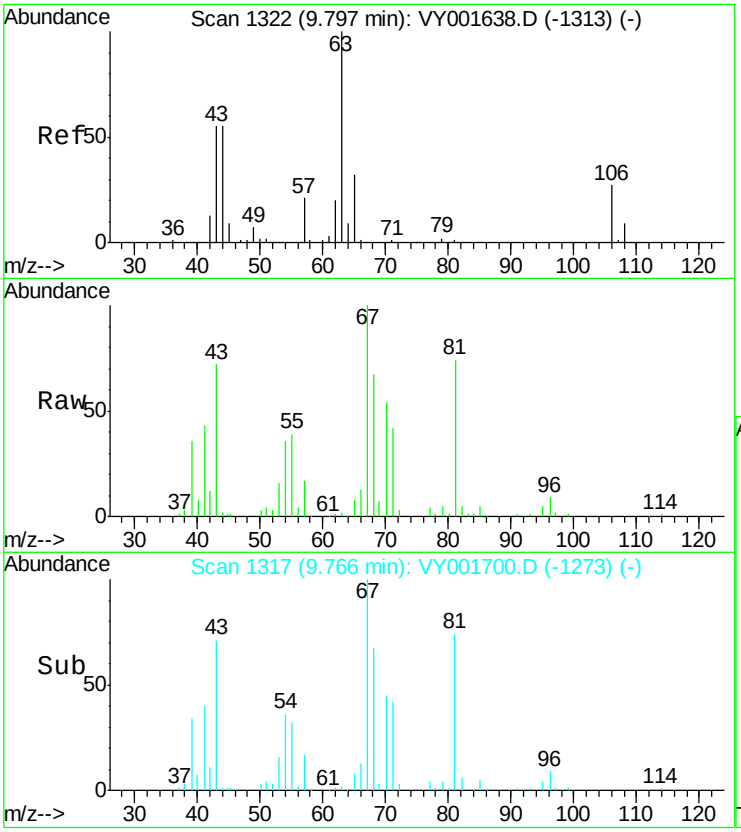


#52
Toluene
Concen: 6131.088 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 92 Resp:25201942

Ion	Ratio	Lower	Upper
92	100		
91	0.0	137.0	205.6#



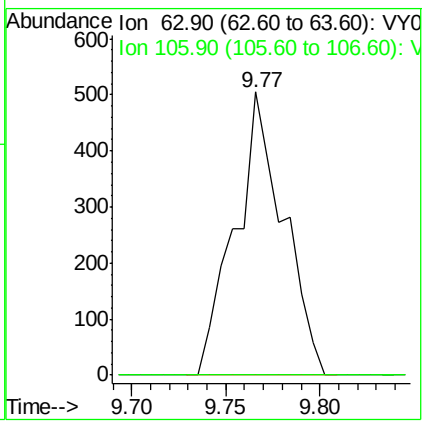


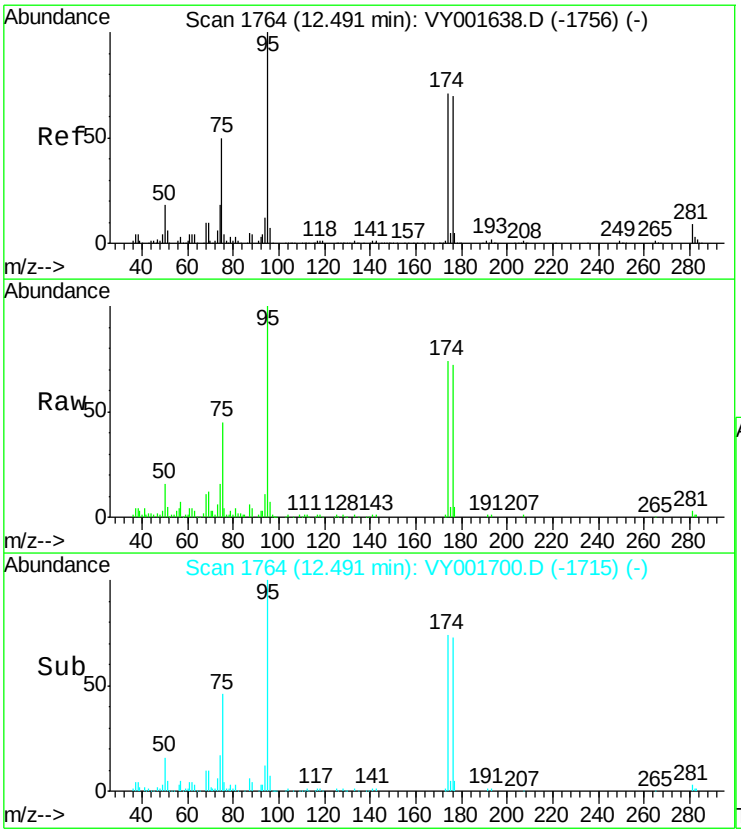
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.77 min Scan# 1317
Delta R.T. -0.03 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
40712

Tgt Ion: 63 Resp: 898

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.6	32.4#

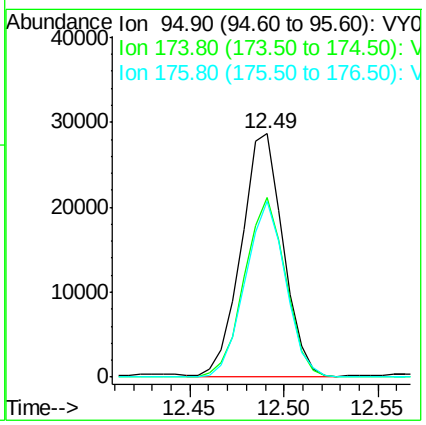


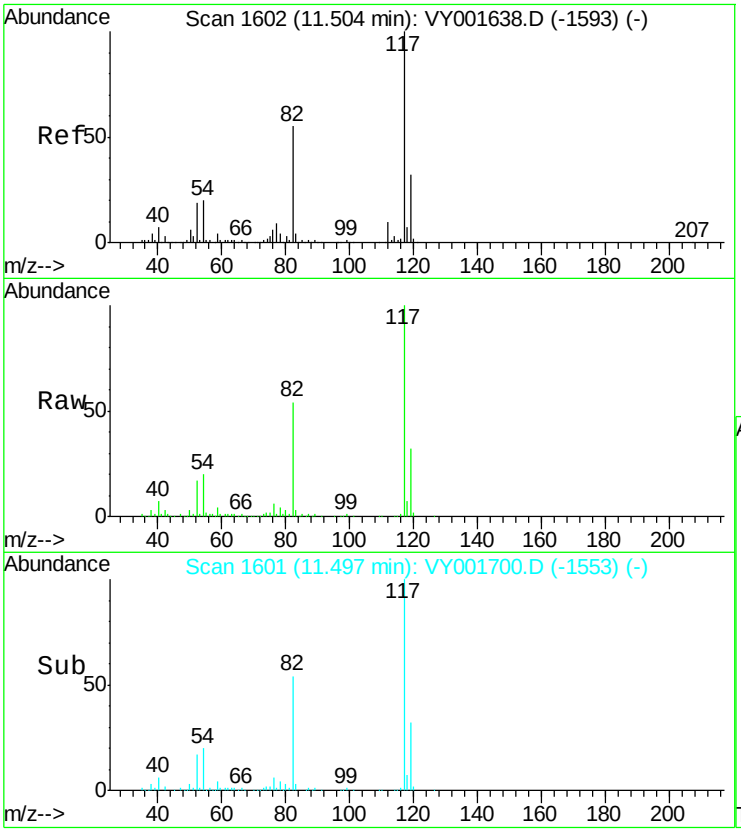


#62
4-Bromofluorobenzene
Concen: 21.474 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 95 Resp: 43910

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	138.4
176	70.0	0.0	131.8



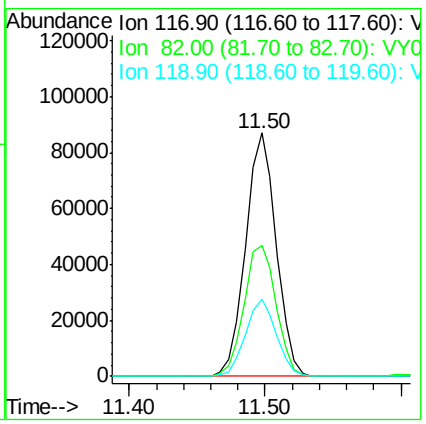


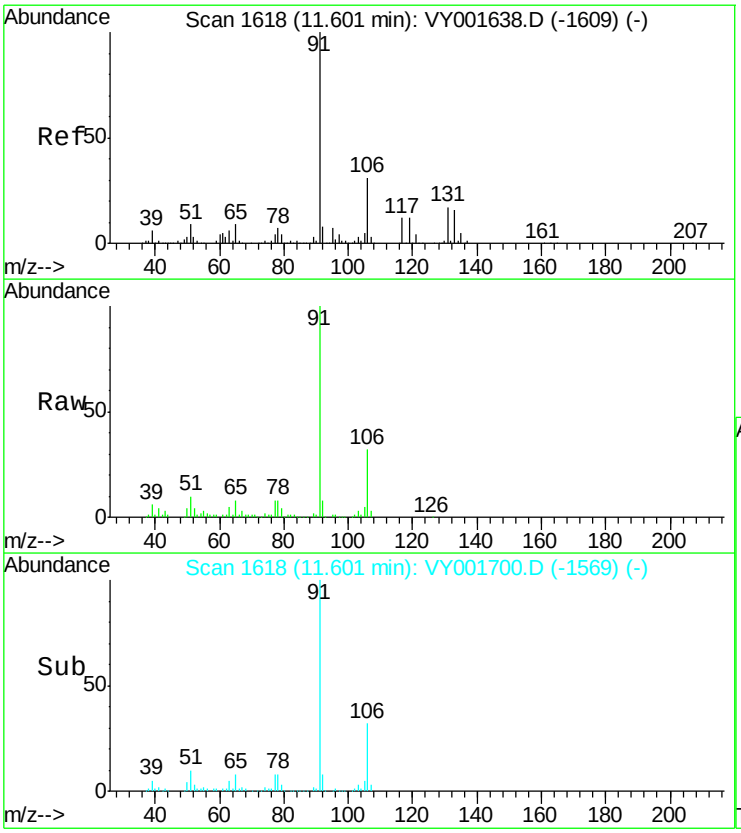
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument : MSVOA_Y
ClientSampleId : 40712

Tgt Ion:117 Resp: 137001

Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.5	68.3
119	31.7	25.8	38.6

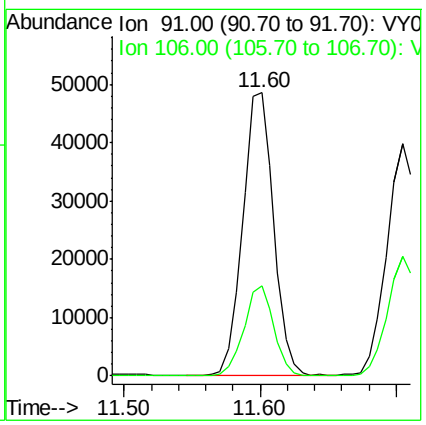


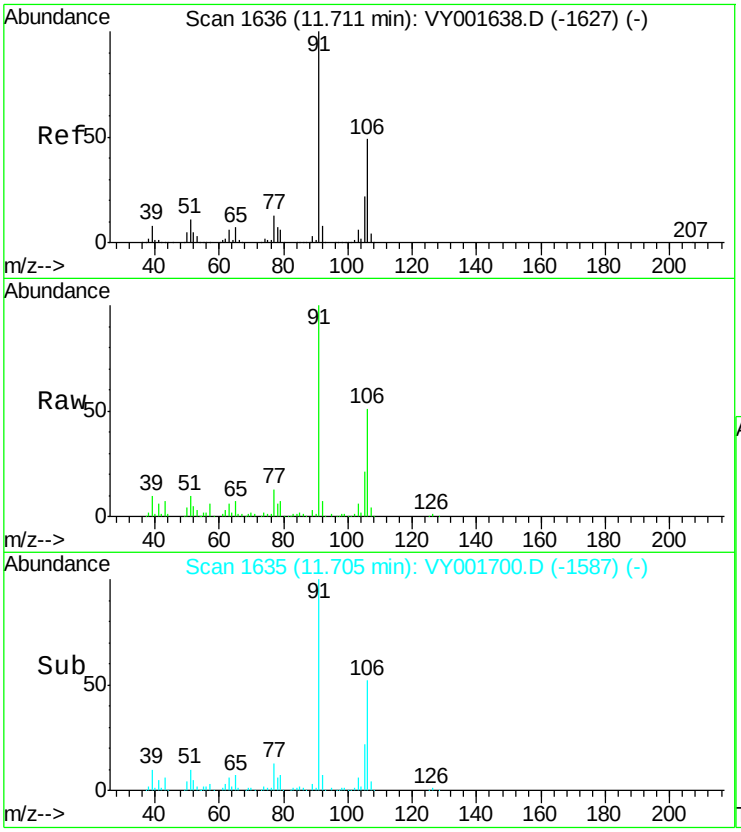


#67
Ethyl Benzene
Concen: 15.100 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 91 Resp: 76648

Ion	Ratio	Lower	Upper
91	100		
106	32.1	24.5	36.7



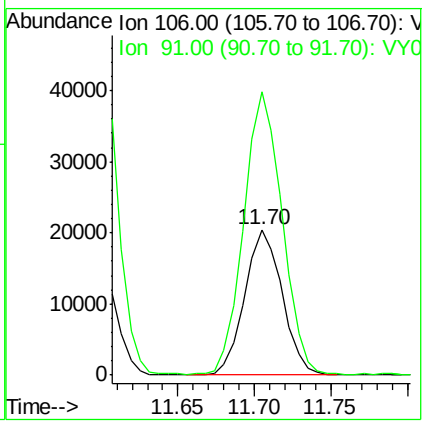


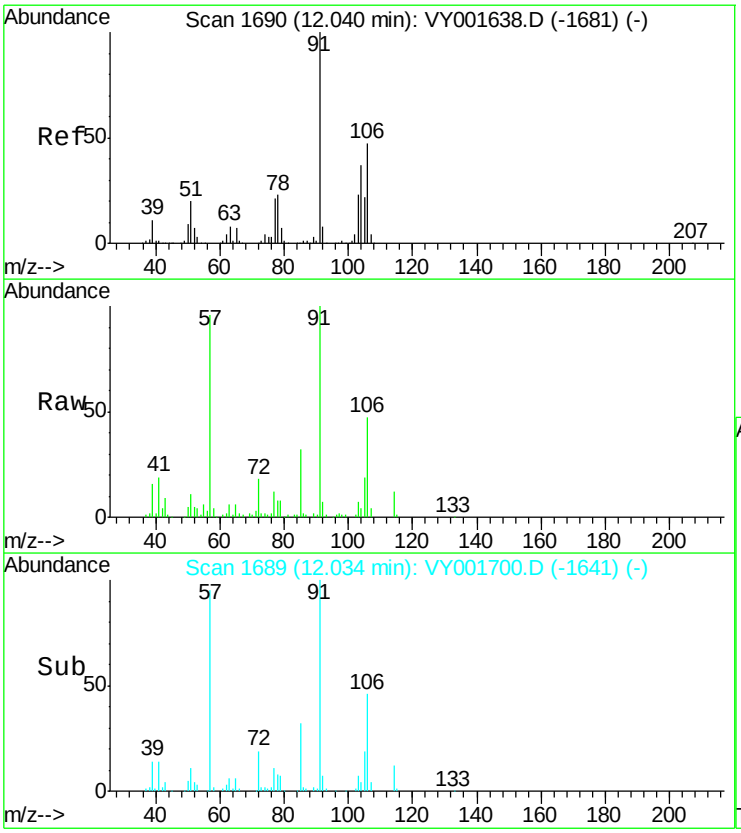
#68
m/p-Xylenes
Concen: 18.387 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
40712

Tgt Ion:106 Resp: 34863

Ion	Ratio	Lower	Upper
106	100		
91	197.9	163.3	244.9

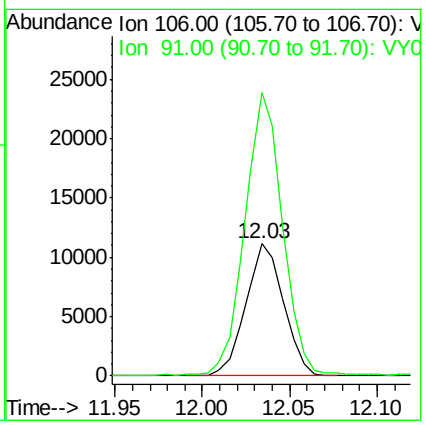


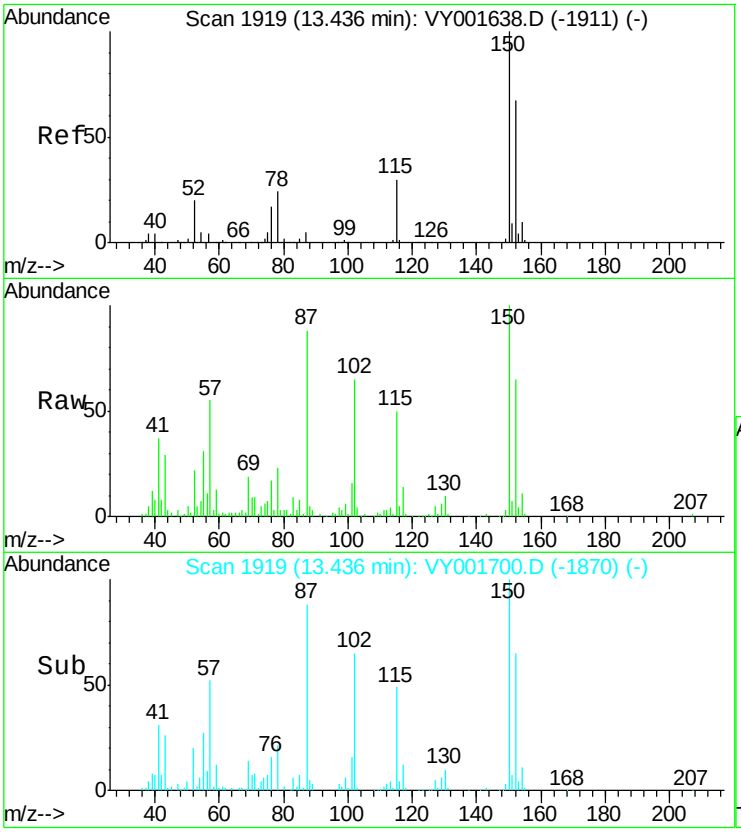


#69
o-Xylene
Concen: 9.249 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion:106 Resp: 16673

Ion	Ratio	Lower	Upper
106	100		
91	215.8	108.3	324.9



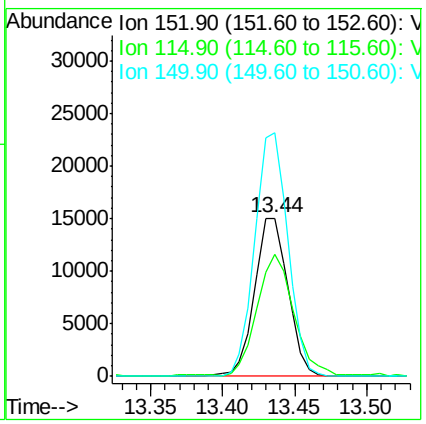


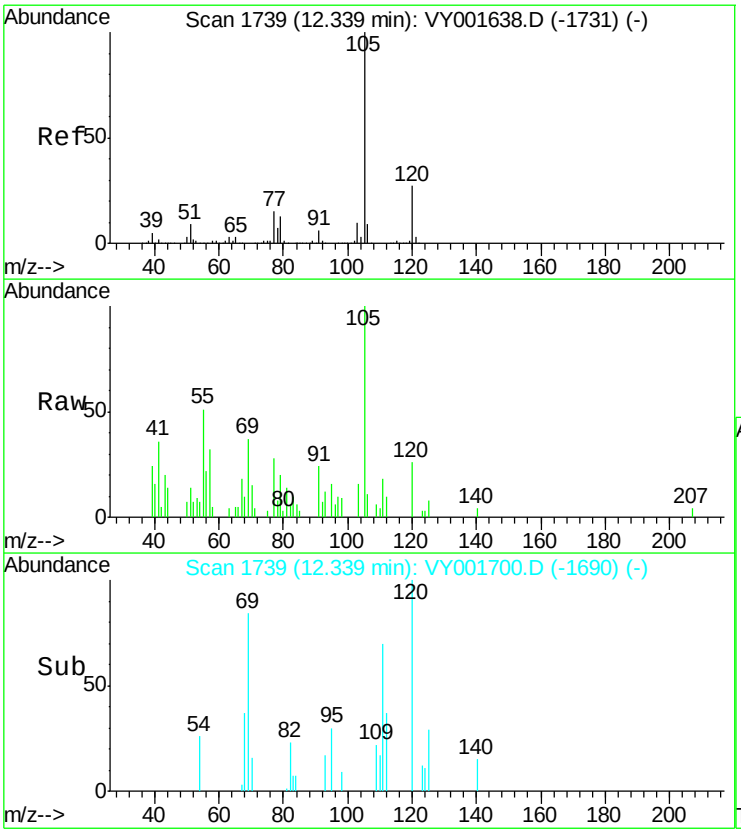
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument : MSVOA_Y
ClientSampleId : 40712

Tgt Ion:152 Resp: 24101

Ion	Ratio	Lower	Upper
152	100		
115	83.9	31.4	94.2
150	152.2	0.0	407.2

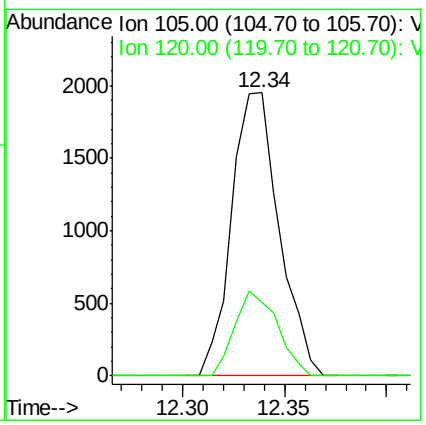


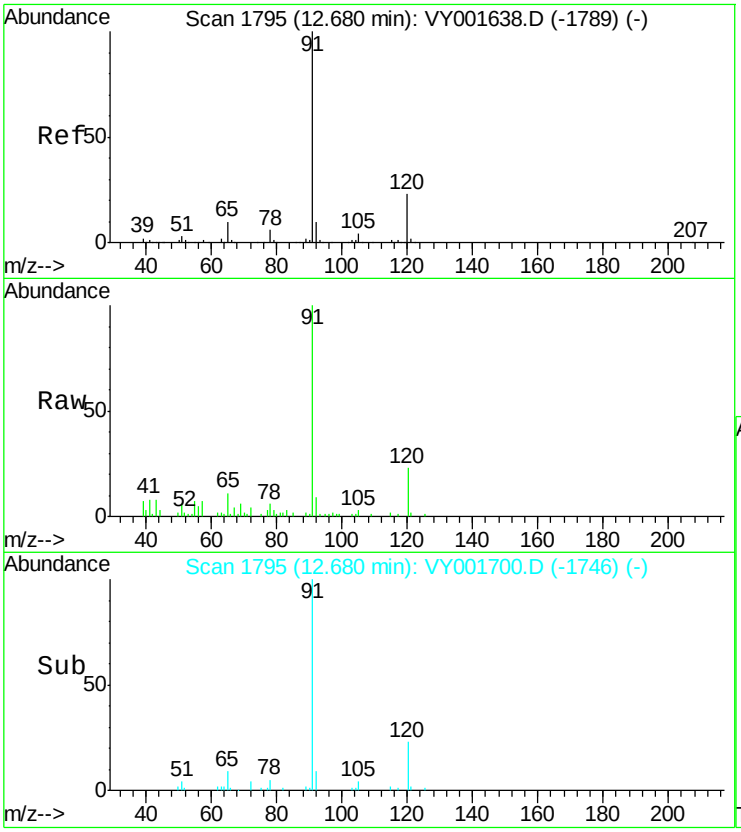


#73
Isopropylbenzene
Concen: 1.718 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion:105 Resp: 3155

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.1



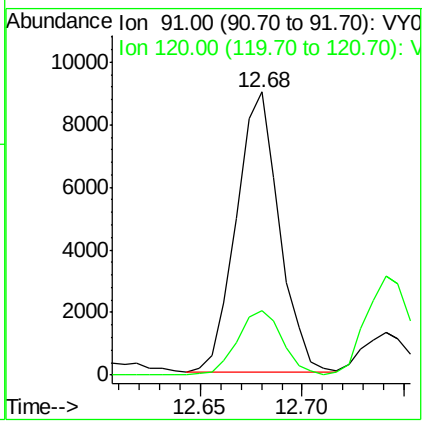


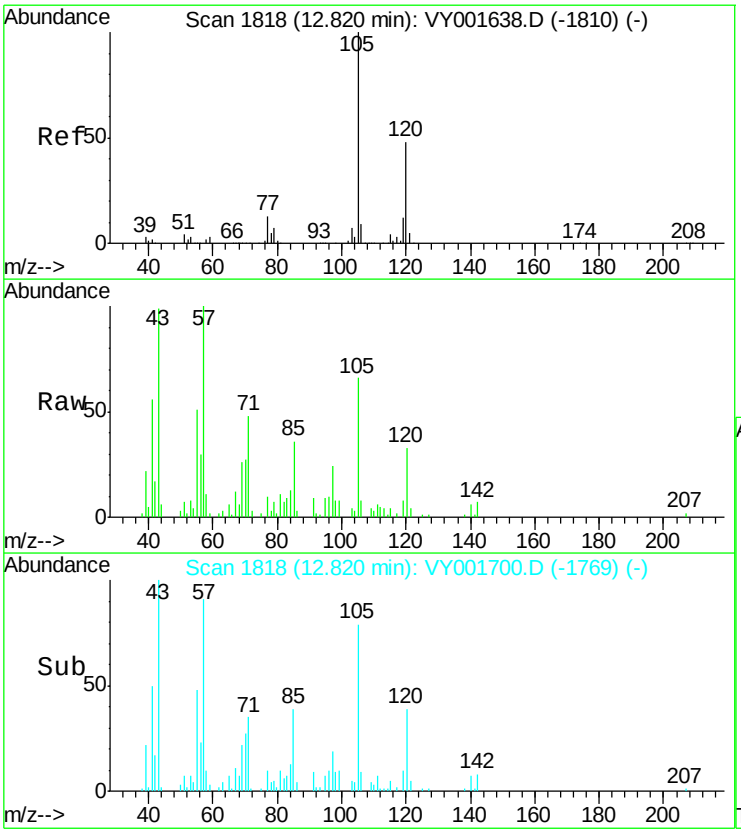
#78
n-propylbenzene
Concen: 5.874 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument : MSVOA_Y
ClientSampleId : 40712

Tgt Ion: 91 Resp: 13135

Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.1	33.1

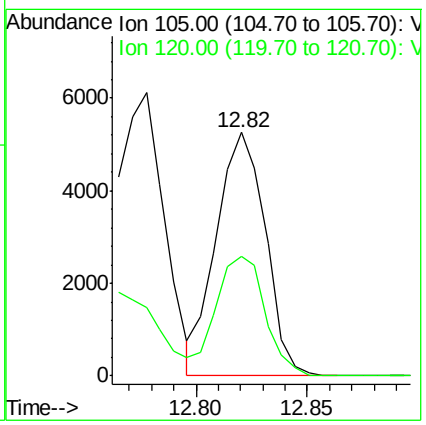


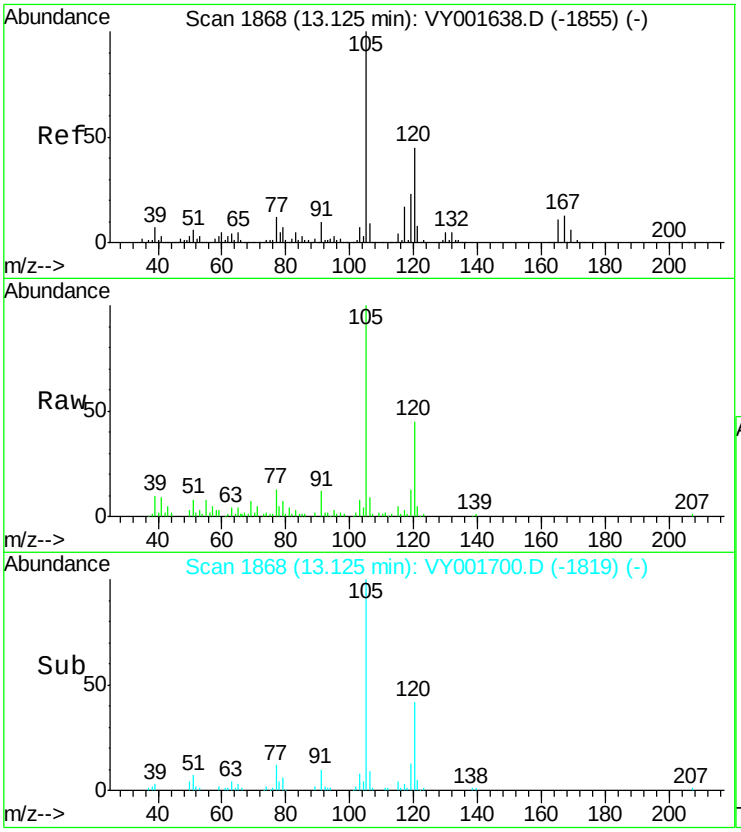


#80
1,3,5-Trimethylbenzene
Concen: 5.311 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion:105 Resp: 8072

Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.3	72.9



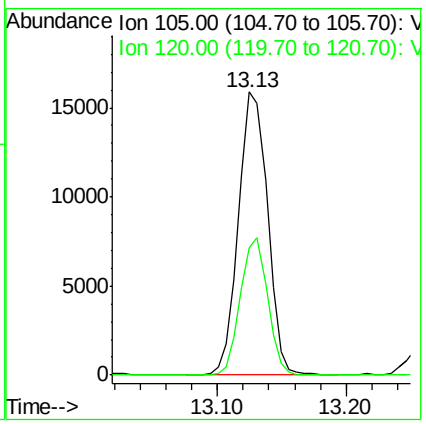


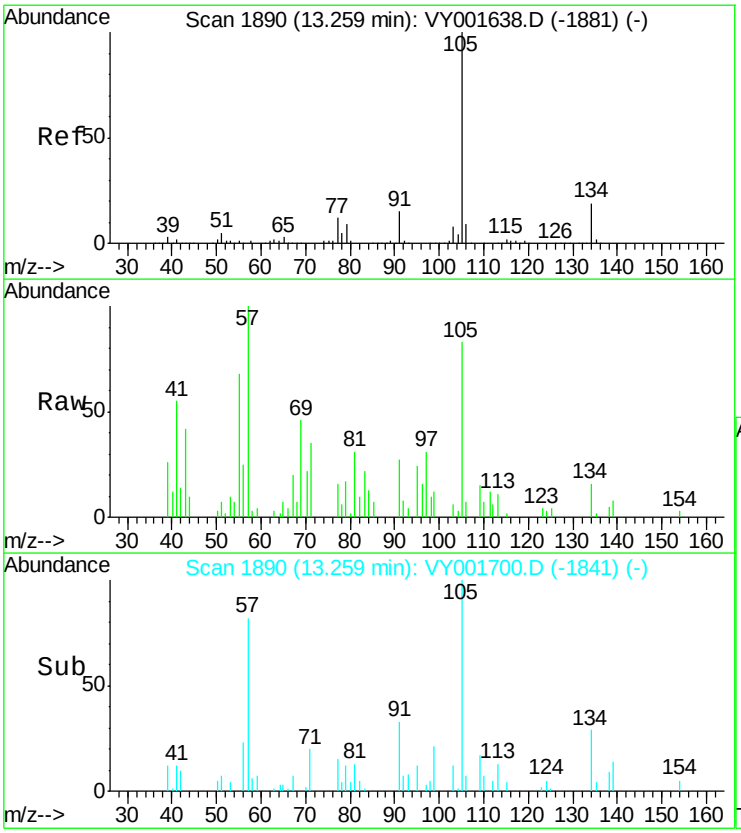
#84
1,2,4-Trimethylbenzene
Concen: 16.378 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
40712

Tgt Ion:105 Resp: 24817

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.4	67.3

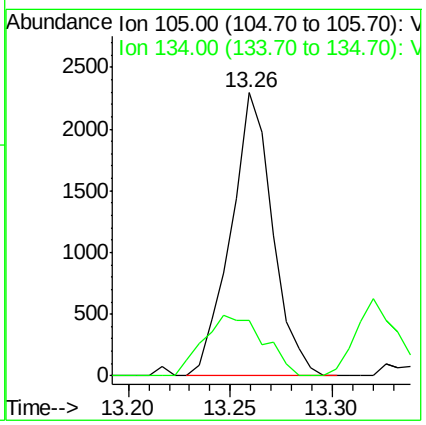


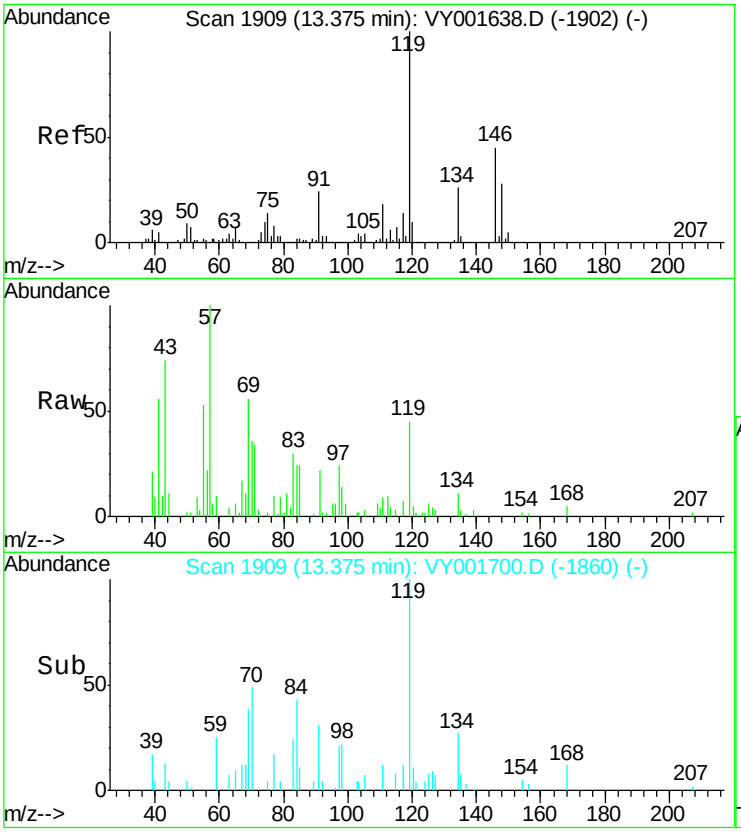


#85
sec-Butylbenzene
Concen: 1.752 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion:105 Resp: 3275

Ion	Ratio	Lower	Upper
105	100		
134	30.8	9.8	29.3#



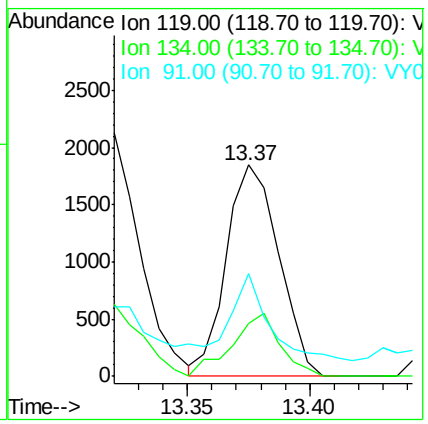


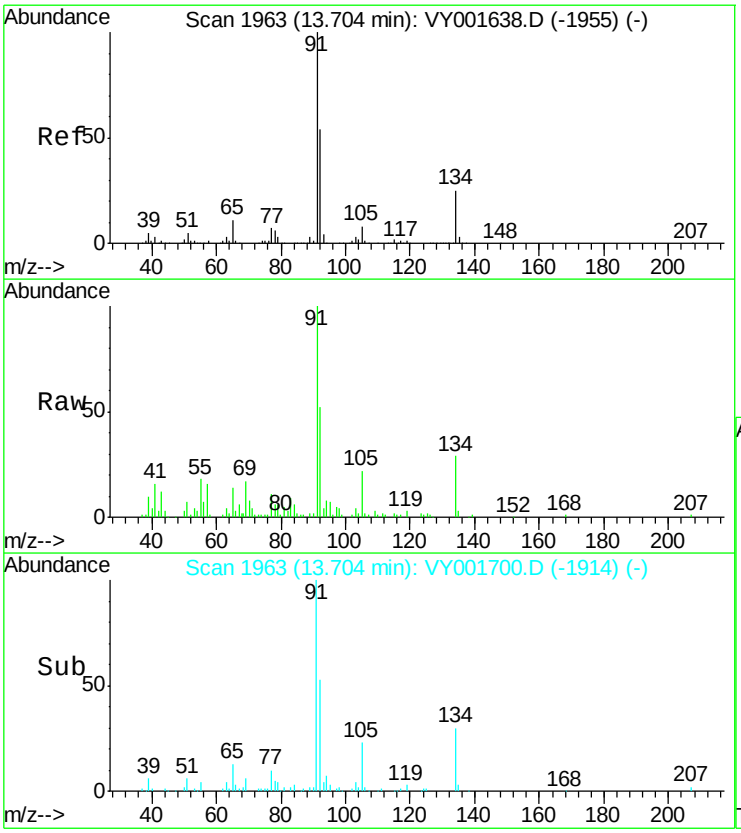
#86
p-Isopropyltoluene
Concen: 1.699 ug/l
RT: 13.37 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
40712

Tgt Ion:119 Resp: 2759

Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.0	39.0
91	28.6	12.2	36.6

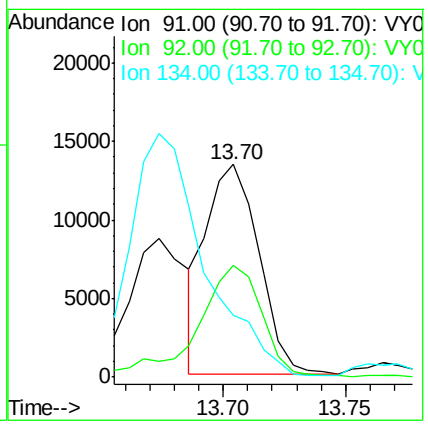


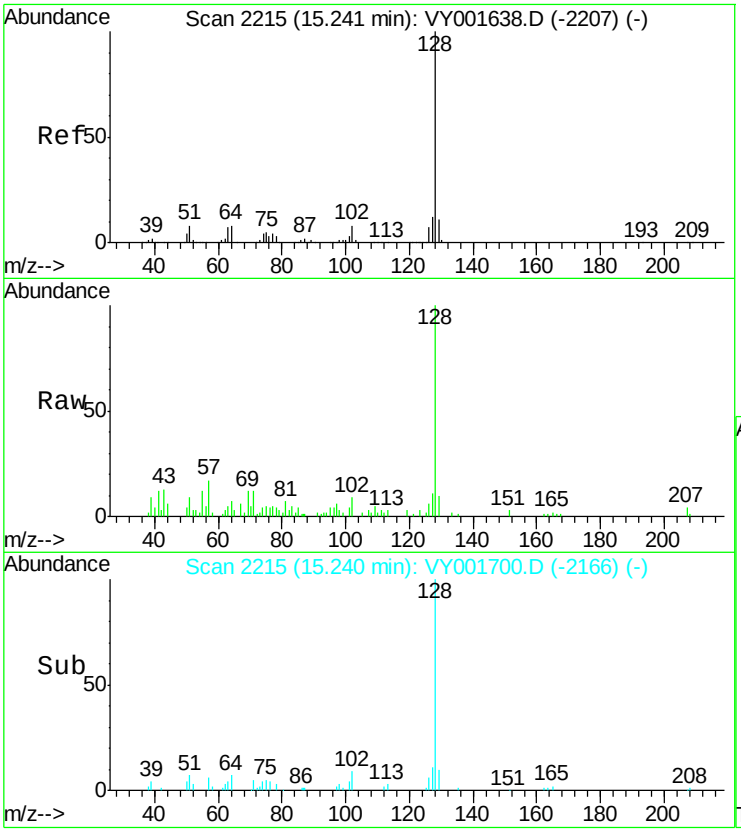


#89
n-Butylbenzene
Concen: 11.958 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 91 Resp: 19845

Ion	Ratio	Lower	Upper
91	100		
92	64.9	27.5	82.4
134	0.0	12.4	37.4#





#95
Naphthalene
Concen: 9.962 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
40712

Tgt Ion:128 Resp: 10843

Ion	Ratio	Lower	Upper
128	100		
127	13.7	9.9	14.9
129	10.6	8.6	13.0