Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002548.D
Acq On : 04 May 2020 17:55
Operator : SY/MD
Sample : L2122-11
Misc : 7.78G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SU-03-043020

Quant Time: May 05 08:23:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	295524	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.70	114	483732	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	410151	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	170597	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	145821	58.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 117.36%				
35) Dibromofluoromethane	7.74	113	146178	52.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.68%				
50) Toluene-d8	10.19	98	560982	51.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.86%				
62) 4-Bromofluorobenzene	12.49	95	169138	46.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.28%				
Target Compounds							Qvalue
16) Acetone	3.97	43	9922	19.348	ug/l	#	84
31) Cyclohexane	7.80	56	48024	10.753	ug/l	#	92
39) Methylcyclohexane	9.19	83	122266	22.827	ug/l		99
40) Benzene	8.17	78	24745	2.113	ug/l	#	89
52) Toluene	10.25	92	12713	1.689	ug/l		94
67) Ethyl Benzene	11.60	91	58556	4.275	ug/l		98
68) m/p-Xylenes	11.70	106	37775	7.128	ug/l		97
69) o-Xylene	12.03	106	91486	18.438	ug/l		99
73) Isopropylbenzene	12.33	105	15132	1.369	ug/l		96
78) n-propylbenzene	12.67	91	28150	2.194	ug/l		100
80) 1,3,5-Trimethylbenzene	12.81	105	136961	14.944	ug/l		100
84) 1,2,4-Trimethylbenzene	13.12	105	126275	13.825	ug/l		99
85) sec-Butylbenzene	13.25	105	12638	1.133	ug/l	#	69
86) p-Isopropyltoluene	13.37	119	22940	2.196	ug/l		98
89) n-Butylbenzene	13.70	91	11598	1.219	ug/l	#	56
95) Naphthalene	15.24	128	35619	5.765	ug/l	#	90

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

Quantitation Report (QT/LSC Reviewed)

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Data File : VY002548.D
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Operator : SY/MD
Sample : L2122-11
Misc : 7.78G/5ML/MSVOA_Y/SOIL
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Instrument :
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SU-03-043020

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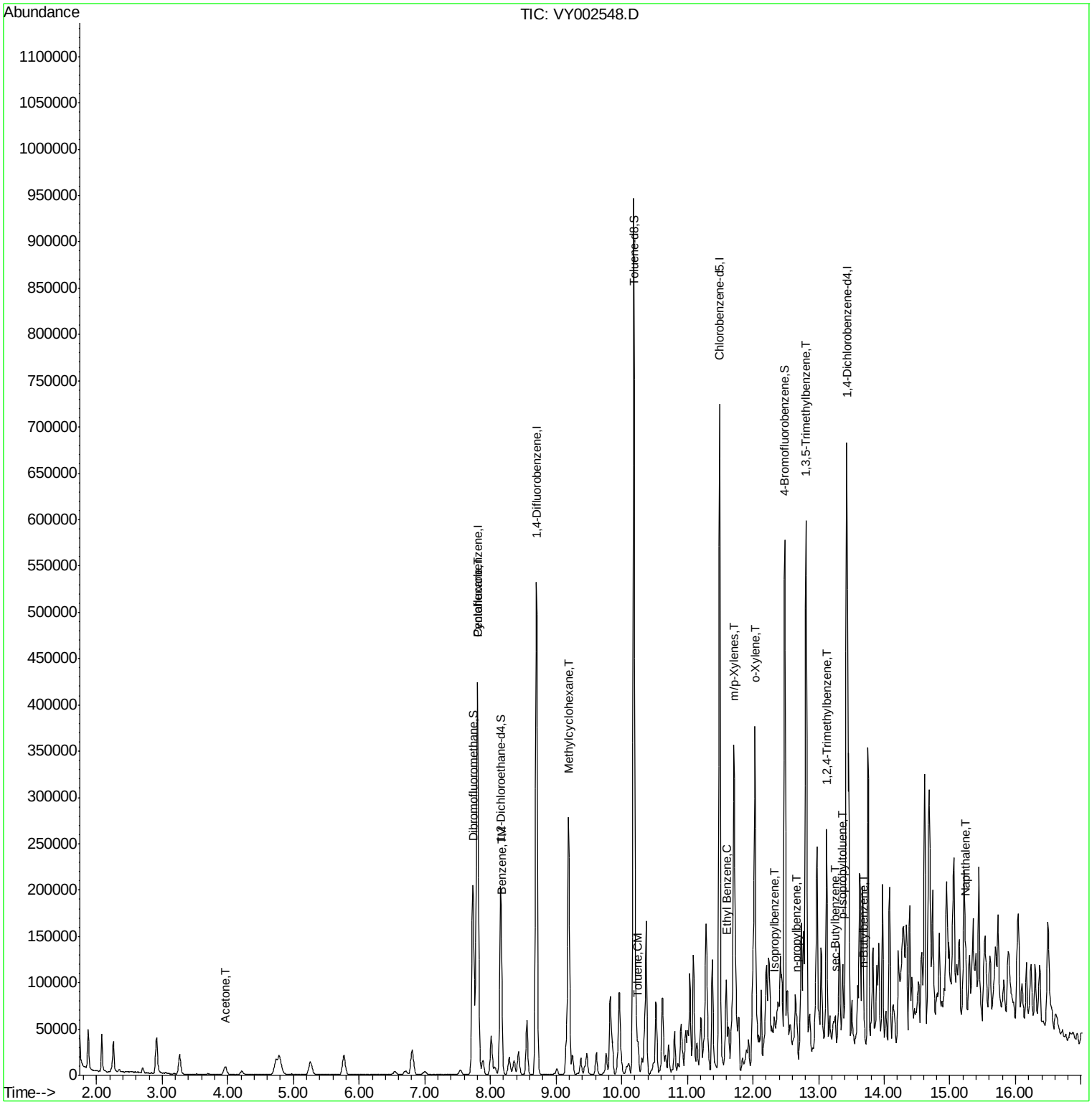
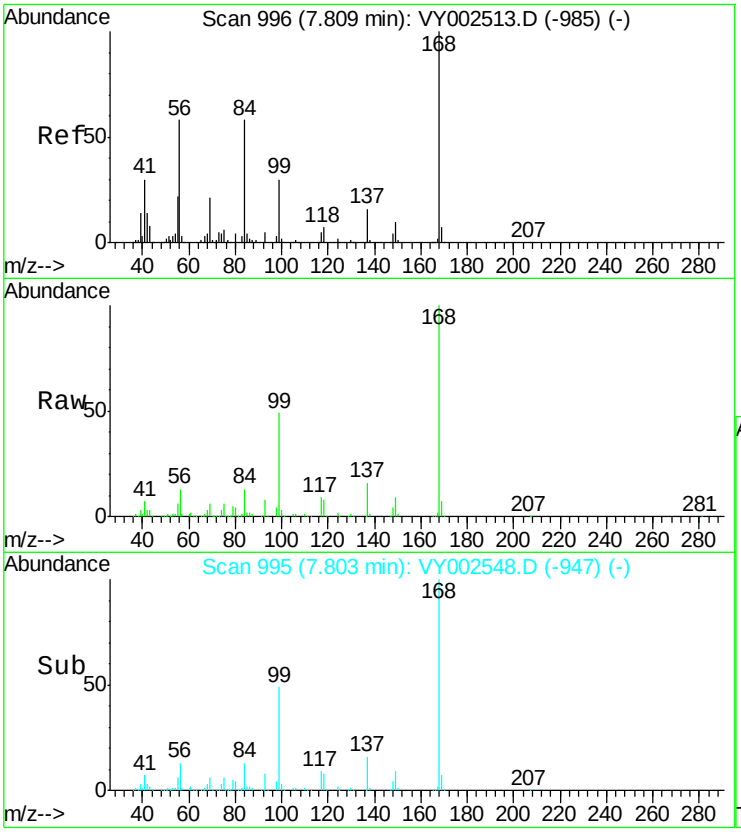
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration



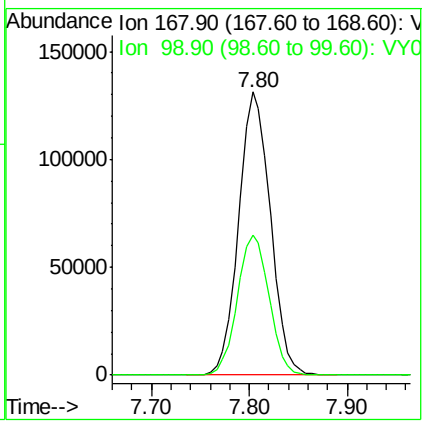


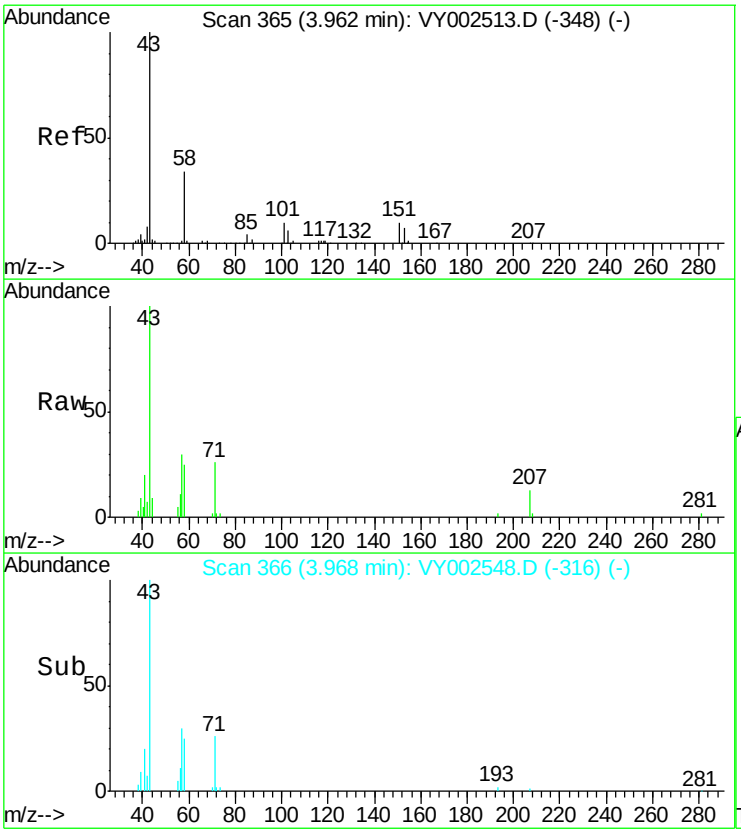
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-043020

Tgt Ion:168 Resp: 295524

Ion	Ratio	Lower	Upper
168	100		
99	49.4	39.2	58.8

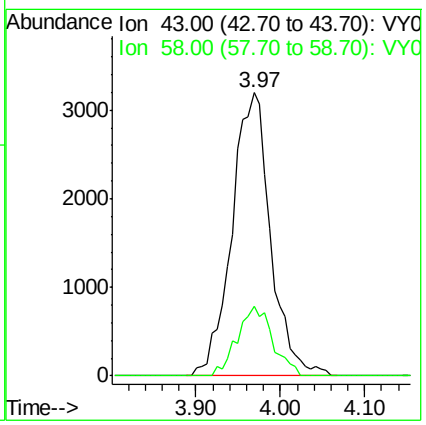


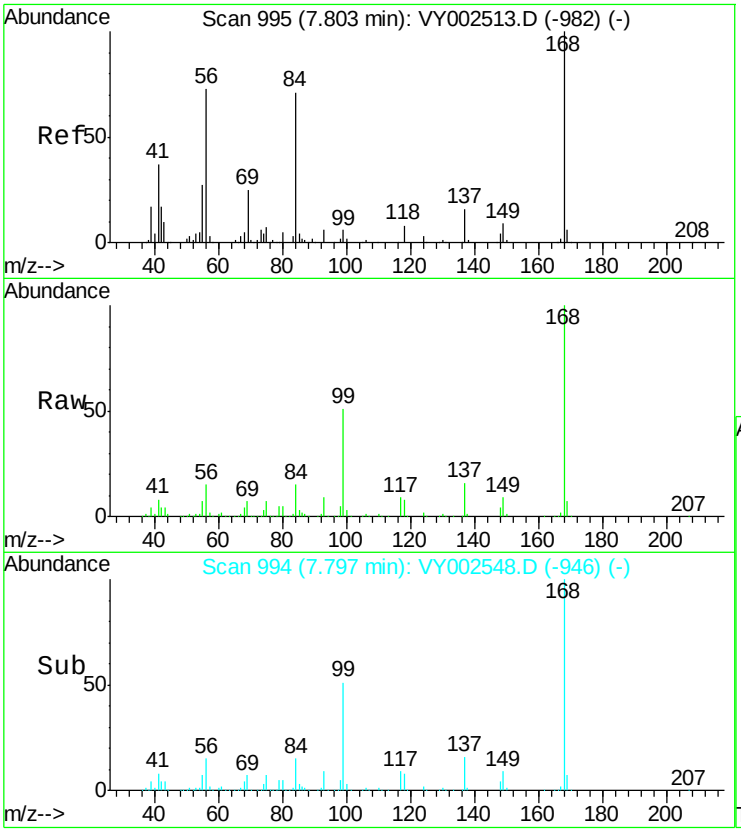


#16
Acetone
Concen: 19.348 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion: 43 Resp: 9922

Ion	Ratio	Lower	Upper
43	100		
58	24.5	26.9	40.3#



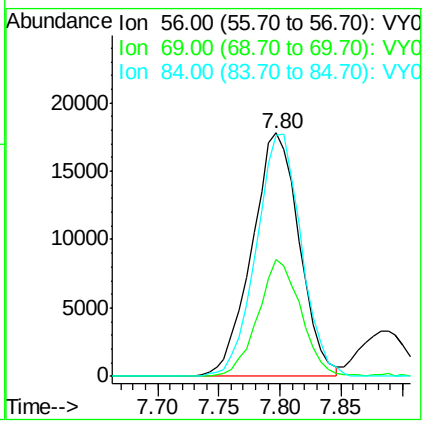


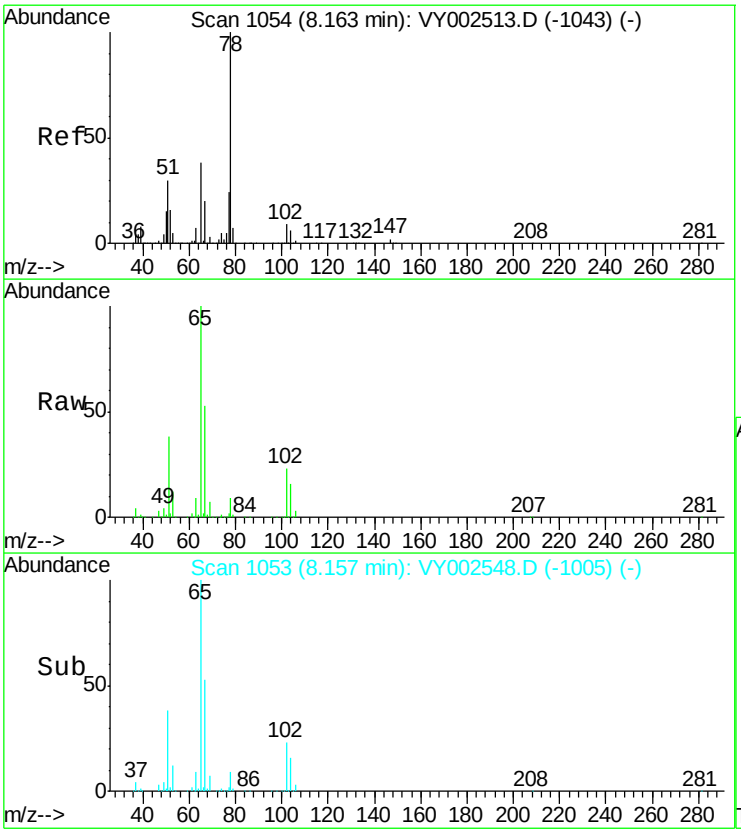
#31
Cyclohexane
Concen: 10.753 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-043020

Tgt Ion: 56 Resp: 48024

Ion	Ratio	Lower	Upper
56	100		
69	48.3	27.6	41.4#
84	99.2	77.7	116.5

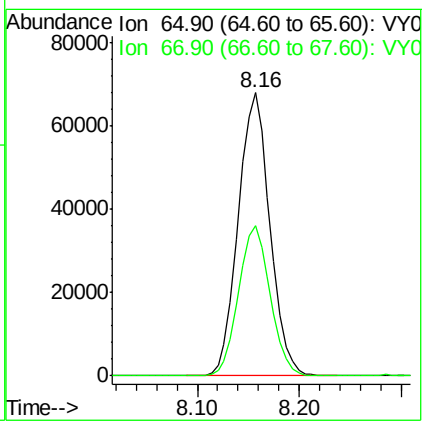


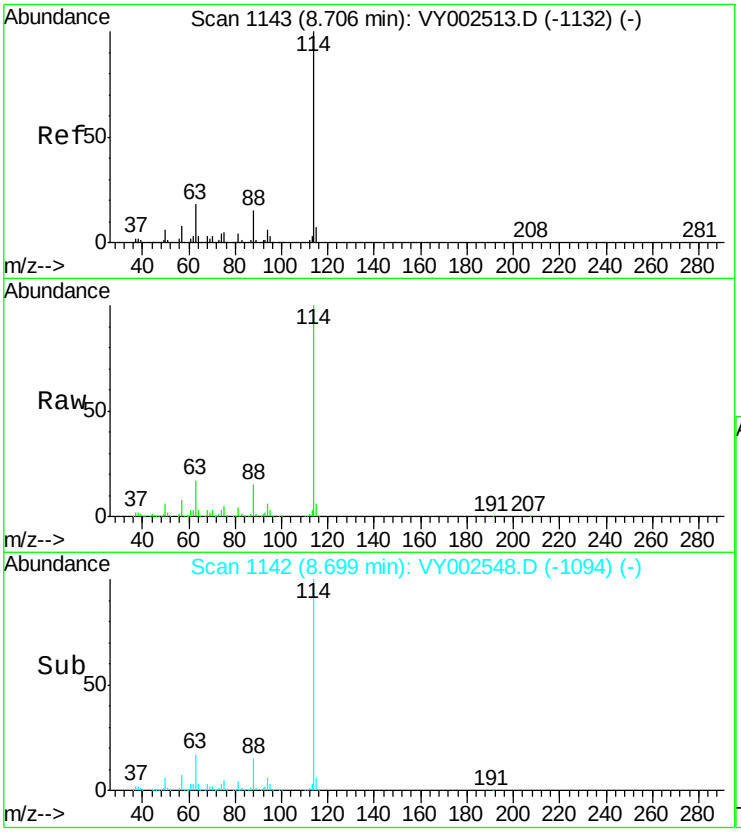


#33
1,2-Dichloroethane-d4
Concen: 58.685 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion: 65 Resp: 145821

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.2



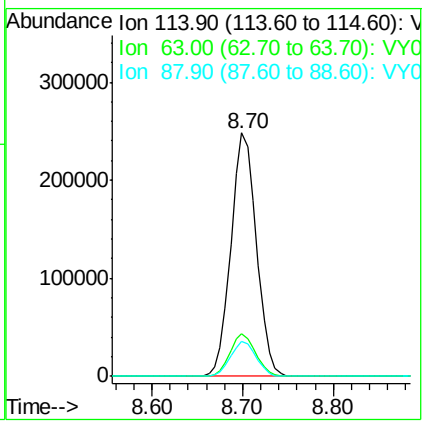


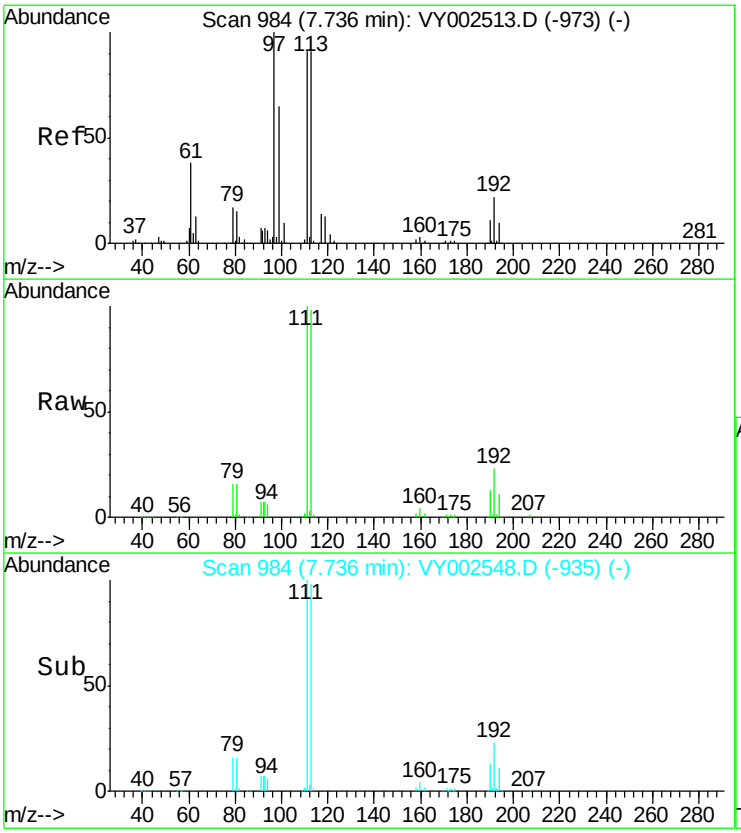
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-043020

Tgt Ion:114 Resp: 483732

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.4
88	14.5	0.0	29.6

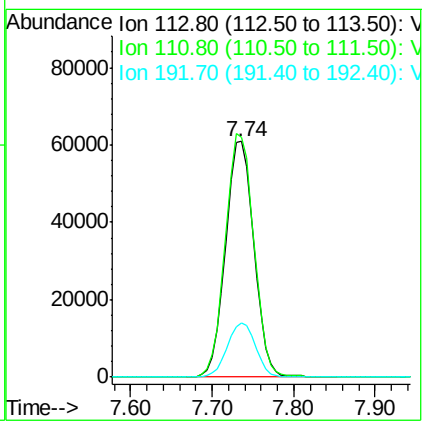


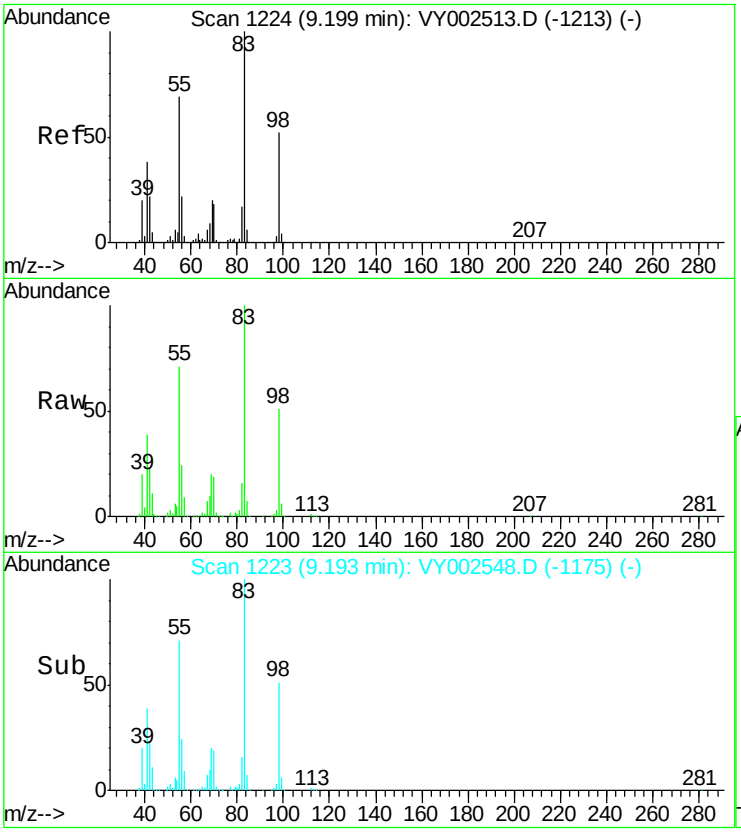


#35
Dibromofluoromethane
Concen: 52.839 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion:113 Resp: 146178

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	22.9	18.2	27.4



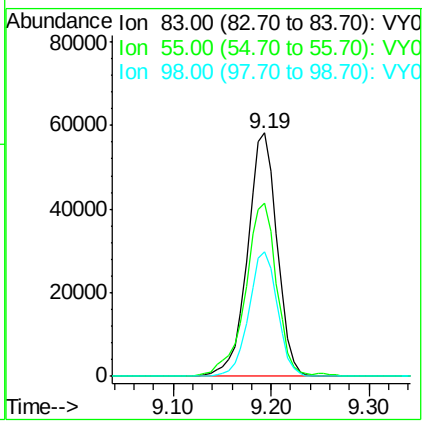


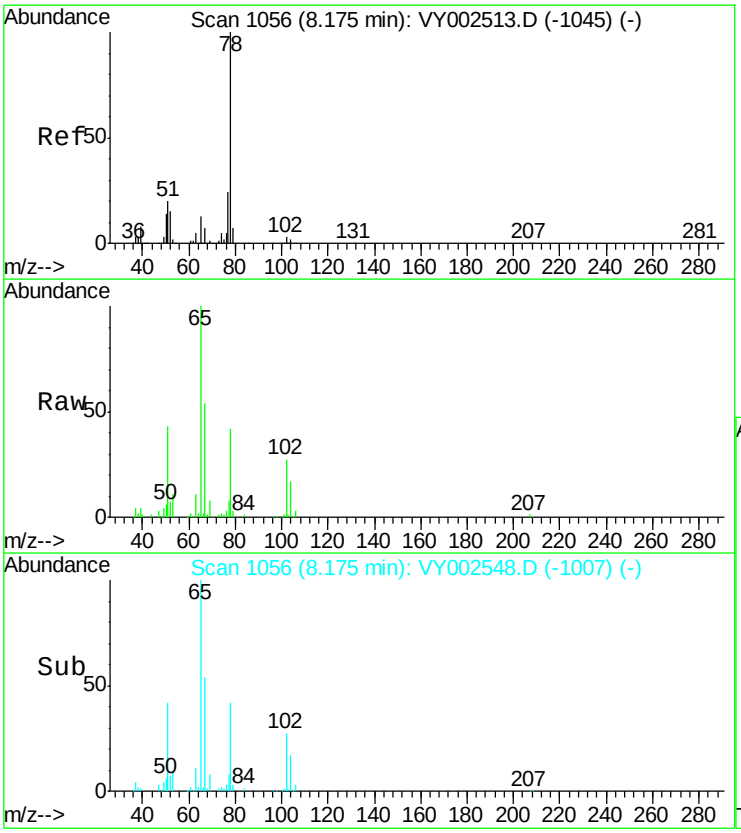
#39
Methylcyclohexane
Concen: 22.827 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-043020

Tgt Ion: 83 Resp: 122266

Ion	Ratio	Lower	Upper
83	100		
55	71.1	55.4	83.0
98	51.3	41.3	61.9

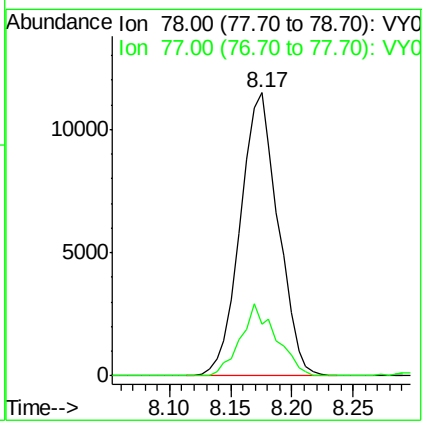


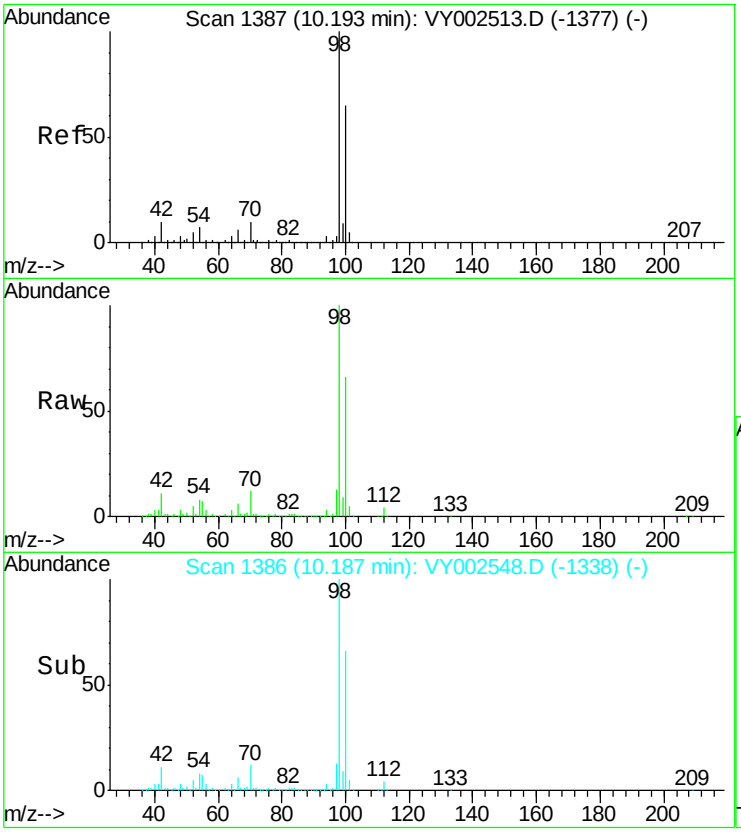


#40
Benzene
Concen: 2.113 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion: 78 Resp: 24745

Ion	Ratio	Lower	Upper
78	100		
77	18.4	19.2	28.8#



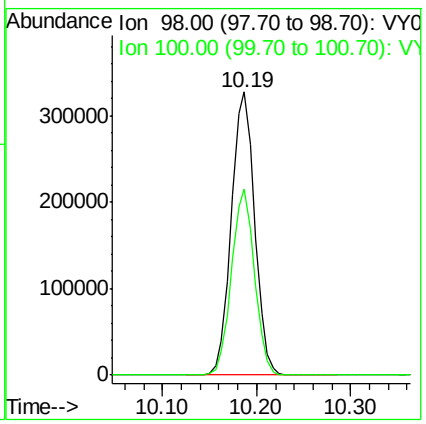


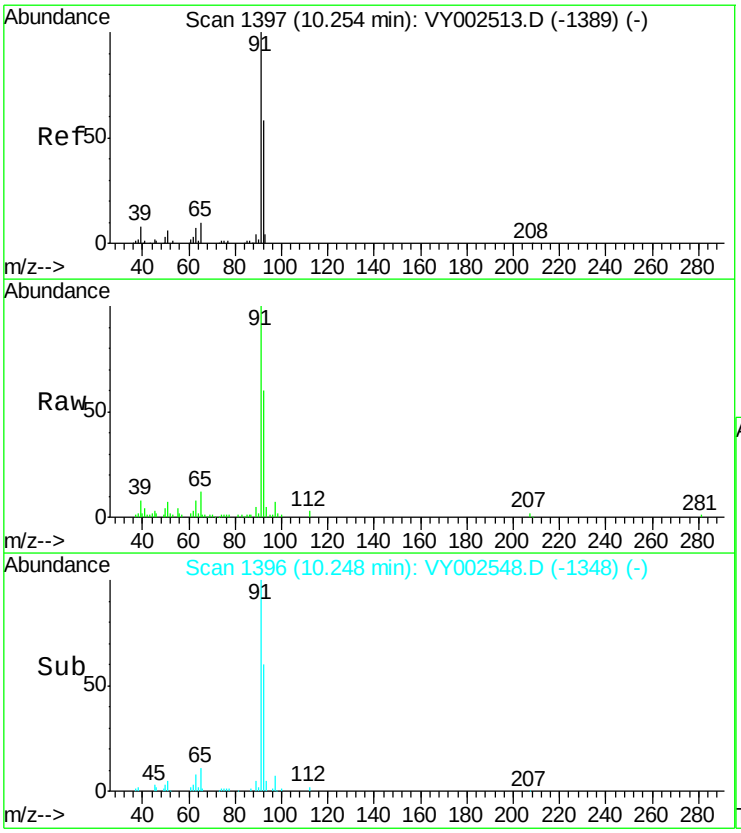
#50
Toluene-d8
Concen: 51.926 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-043020

Tgt Ion: 98 Resp: 560982

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2

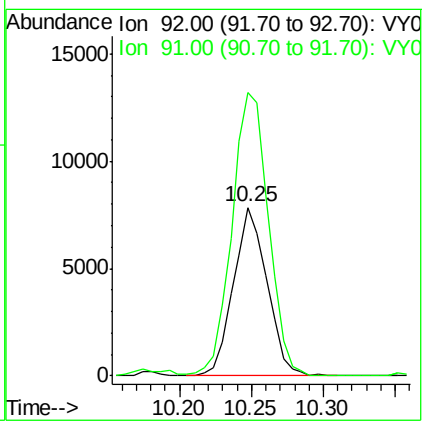


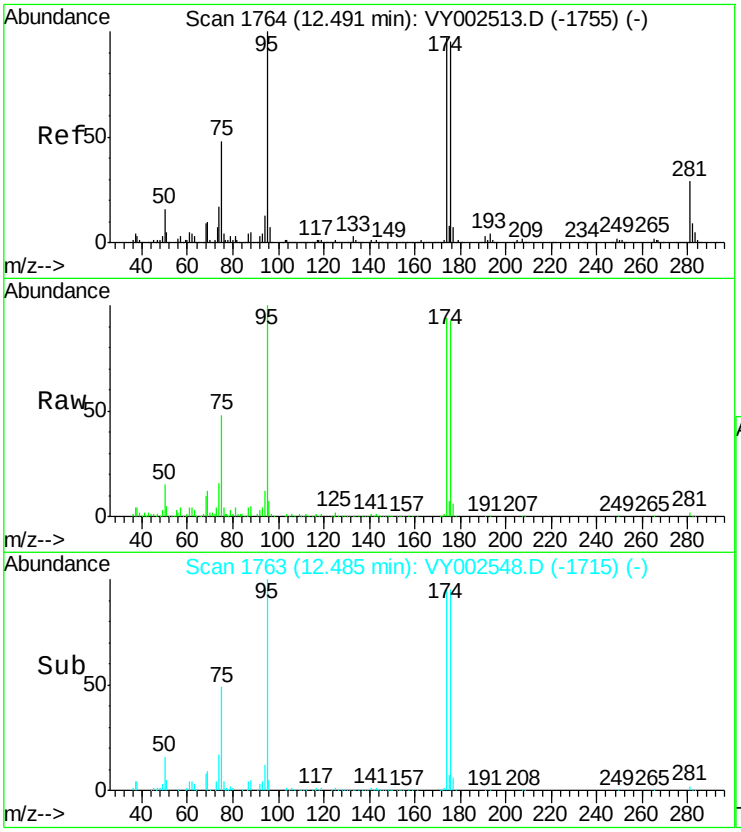


#52
Toluene
Concen: 1.689 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion: 92 Resp: 12713

Ion	Ratio	Lower	Upper
92	100		
91	182.3	139.3	208.9



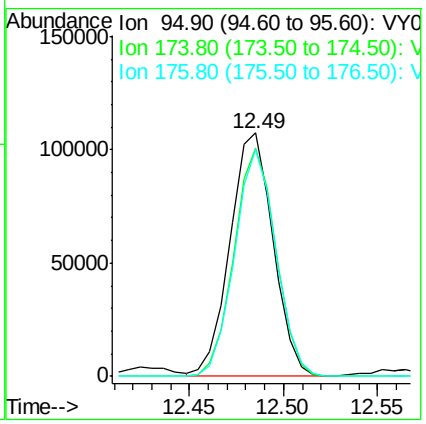


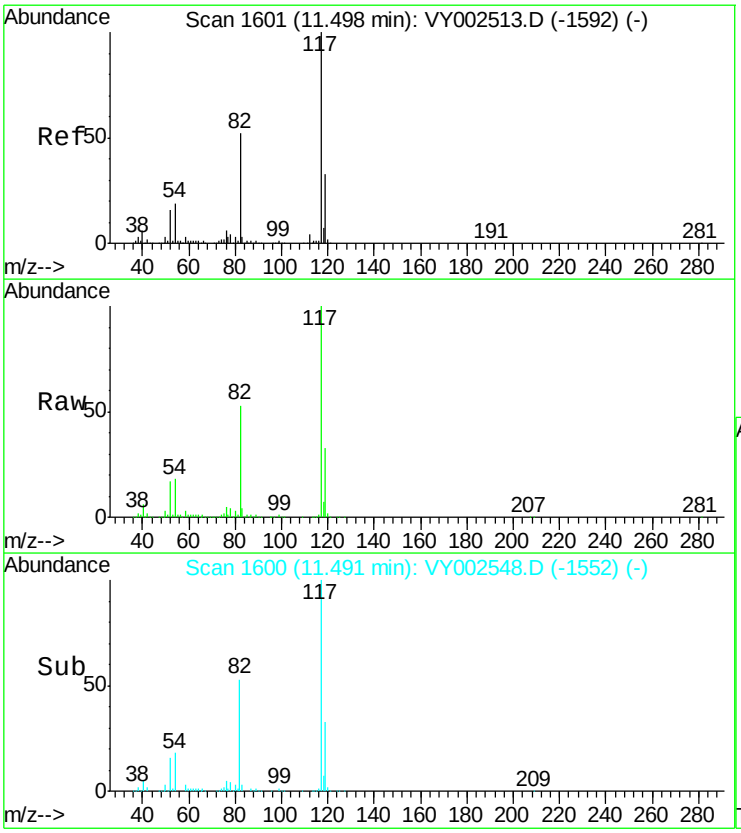
#62
4-Bromofluorobenzene
Concen: 46.138 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-043020

Tgt Ion: 95 Resp: 169138

Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	188.8
176	89.7	0.0	183.2

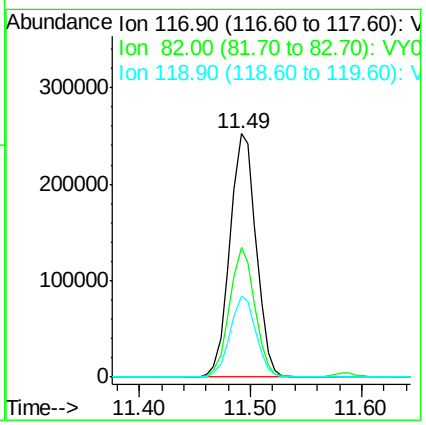


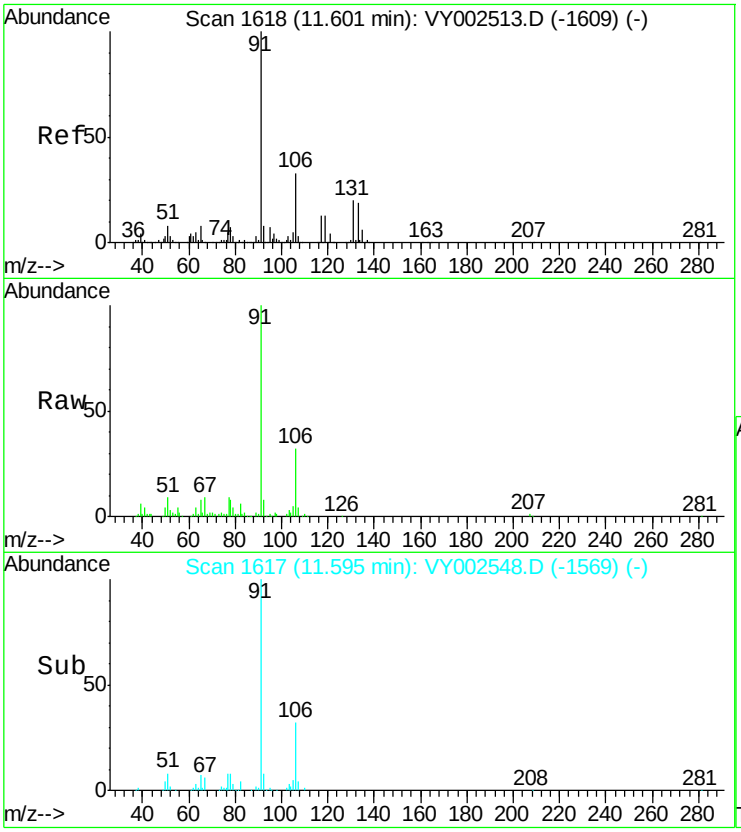


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion:117 Resp: 410151

Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.3	61.9
119	33.2	26.0	39.0



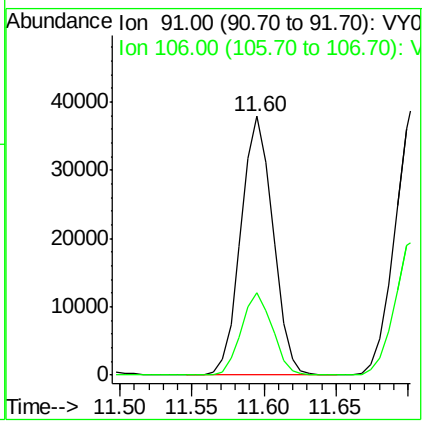


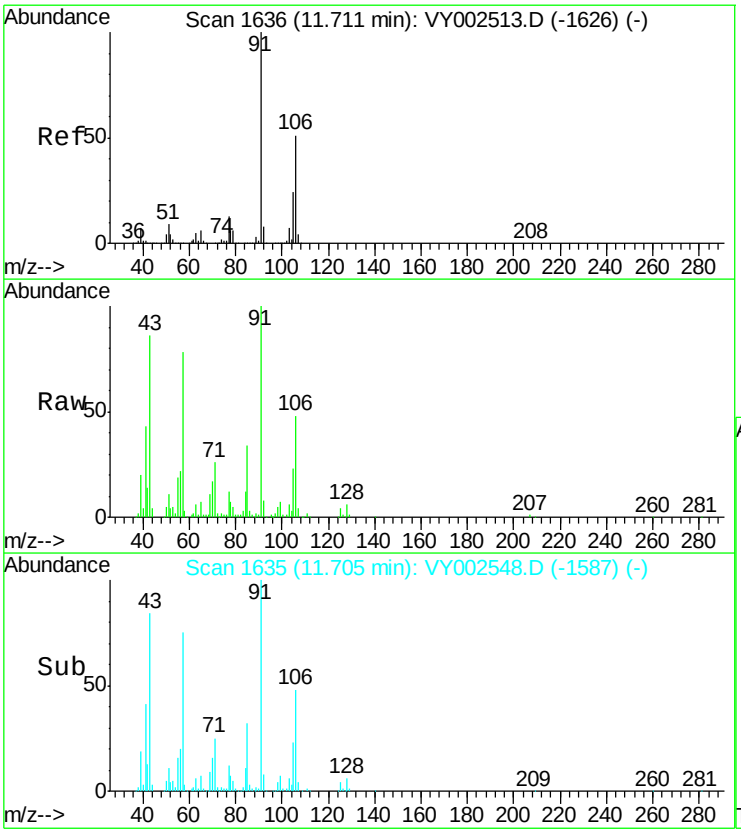
#67
Ethyl Benzene
Concen: 4.275 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument : MSVOA_Y
ClientSampleId : SU-03-043020

Tgt Ion: 91 Resp: 58556

Ion	Ratio	Lower	Upper
91	100		
106	31.7	26.1	39.1

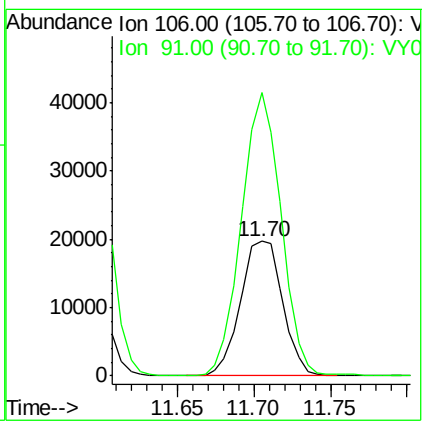


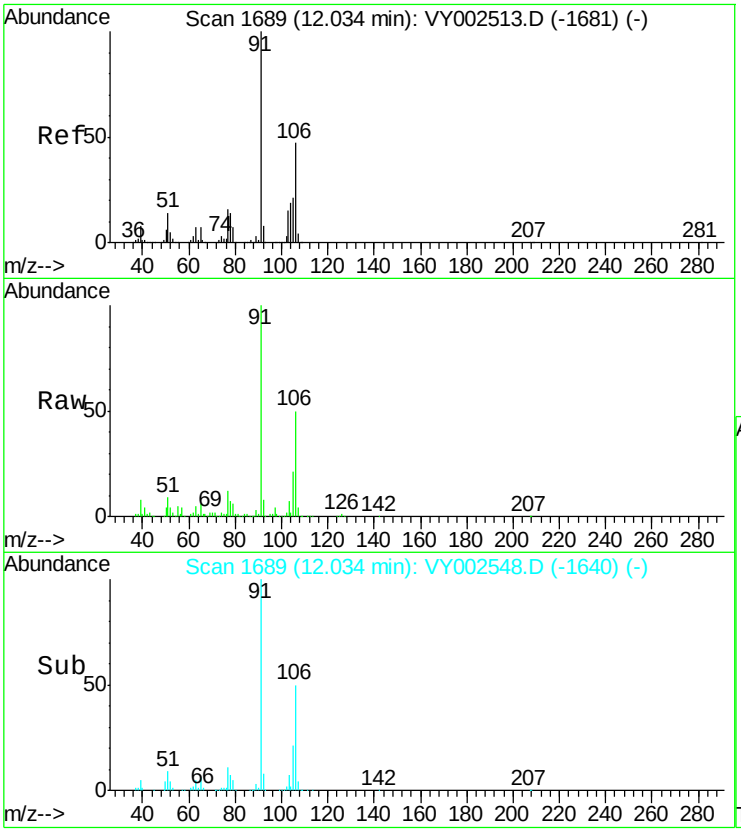


#68
m/p-Xylenes
Concen: 7.128 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion:106 Resp: 37775

Ion	Ratio	Lower	Upper
106	100		
91	198.7	155.2	232.8



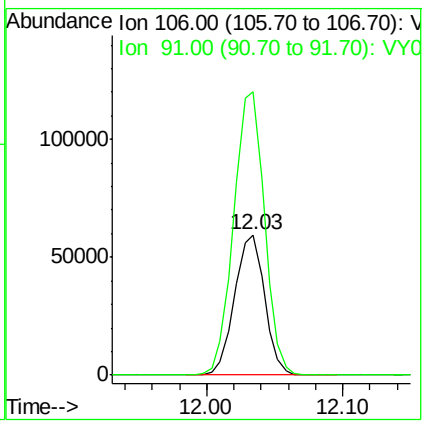


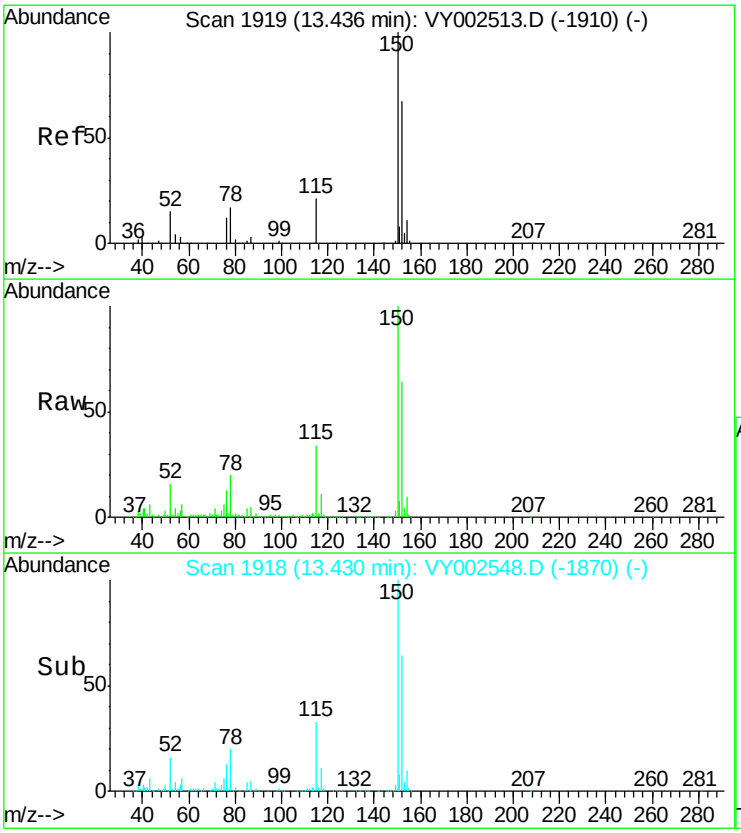
#69
o-Xylene
Concen: 18.438 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-043020

Tgt Ion:106 Resp: 91486

Ion	Ratio	Lower	Upper
106	100		
91	208.3	103.8	311.3

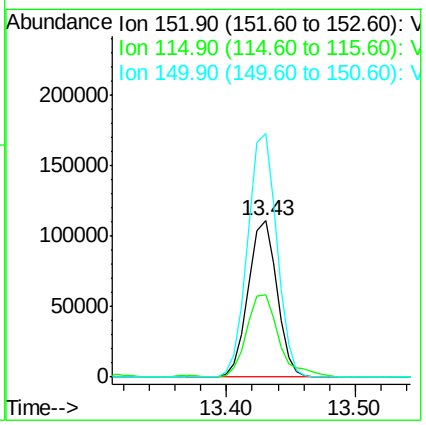


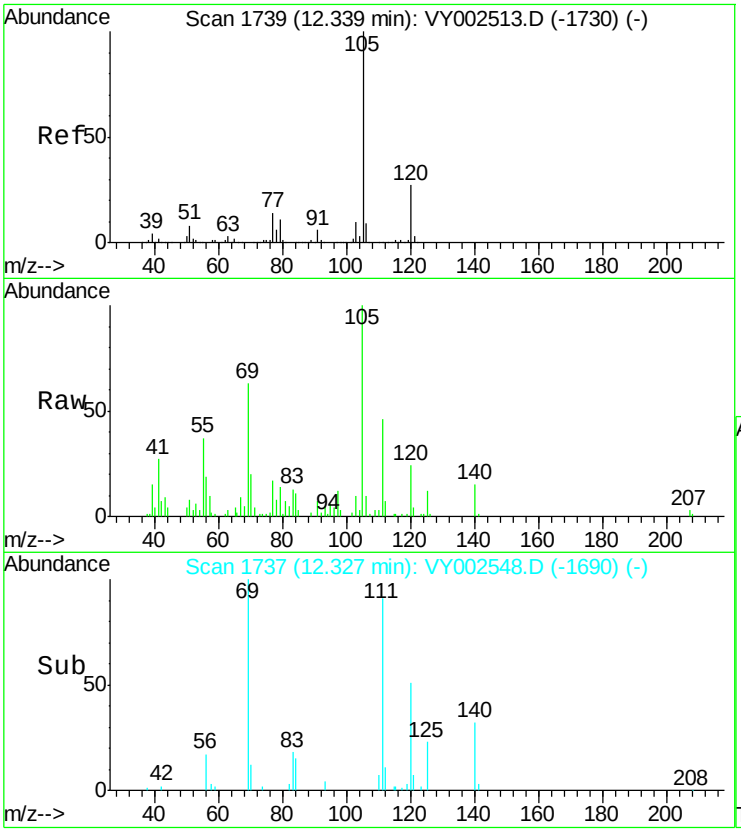


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion:152 Resp: 170597

Ion	Ratio	Lower	Upper
152	100		
115	58.7	27.5	82.4
150	157.3	0.0	346.4



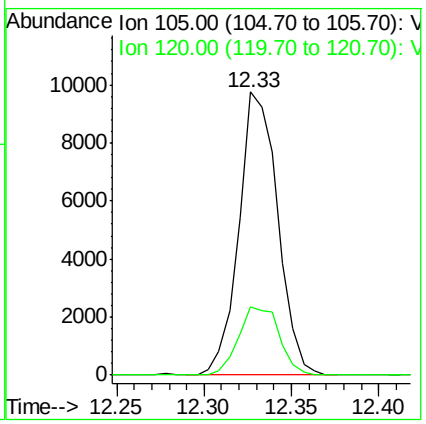


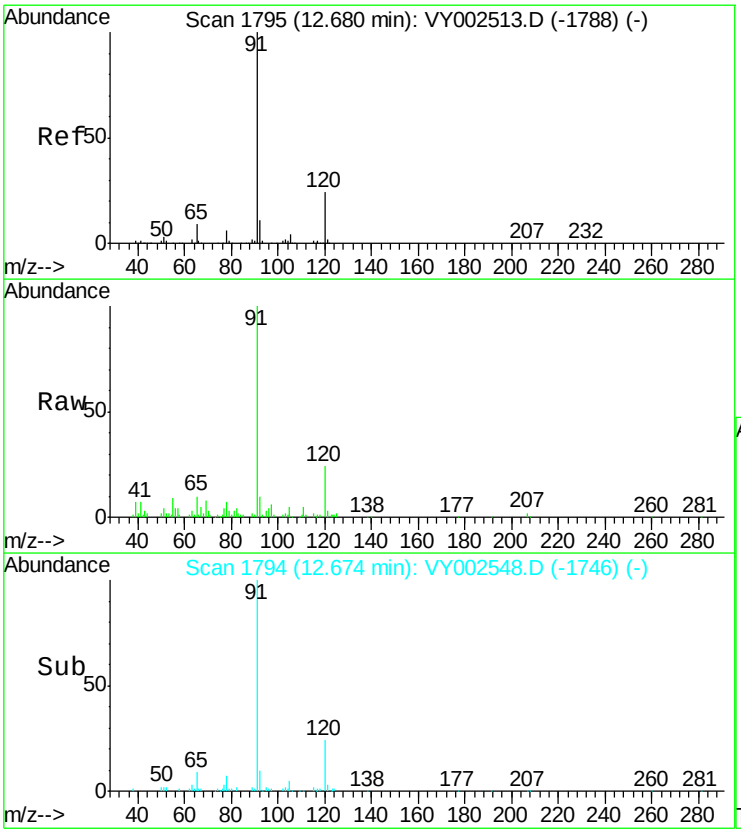
#73
Isopropylbenzene
Concen: 1.369 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-043020

Tgt Ion:105 Resp: 15132

Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.8	41.3

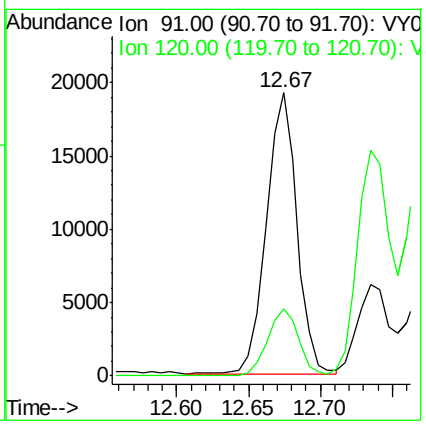


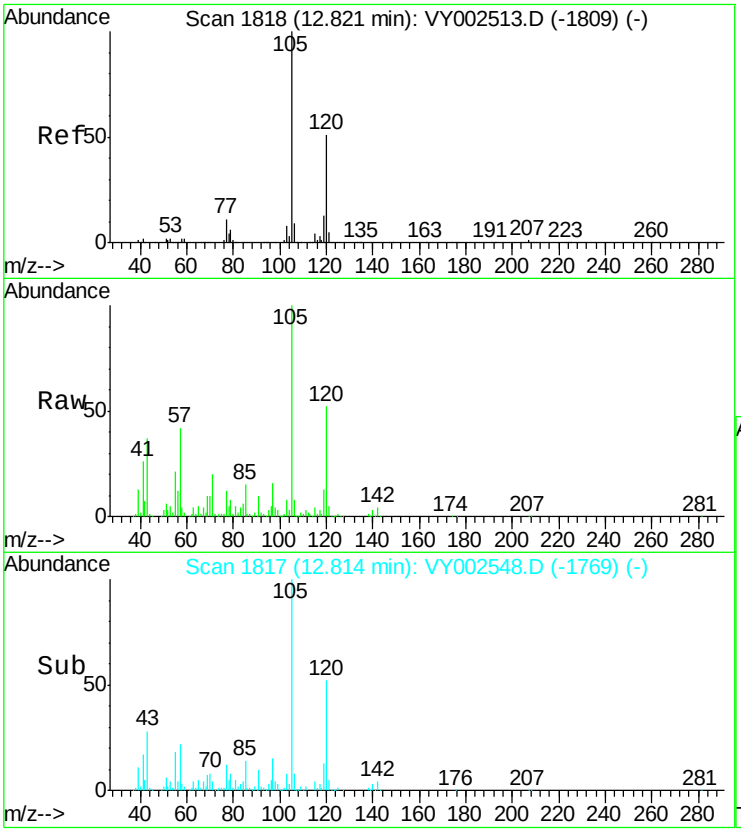


#78
n-propylbenzene
Concen: 2.194 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion: 91 Resp: 28150

Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.4



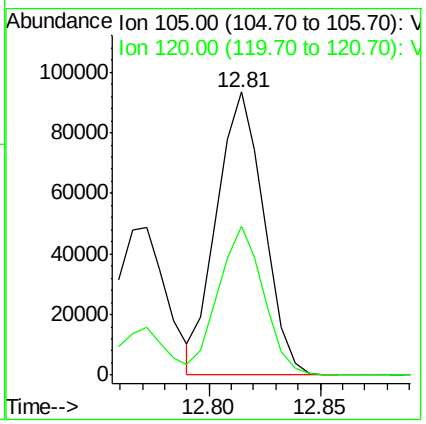


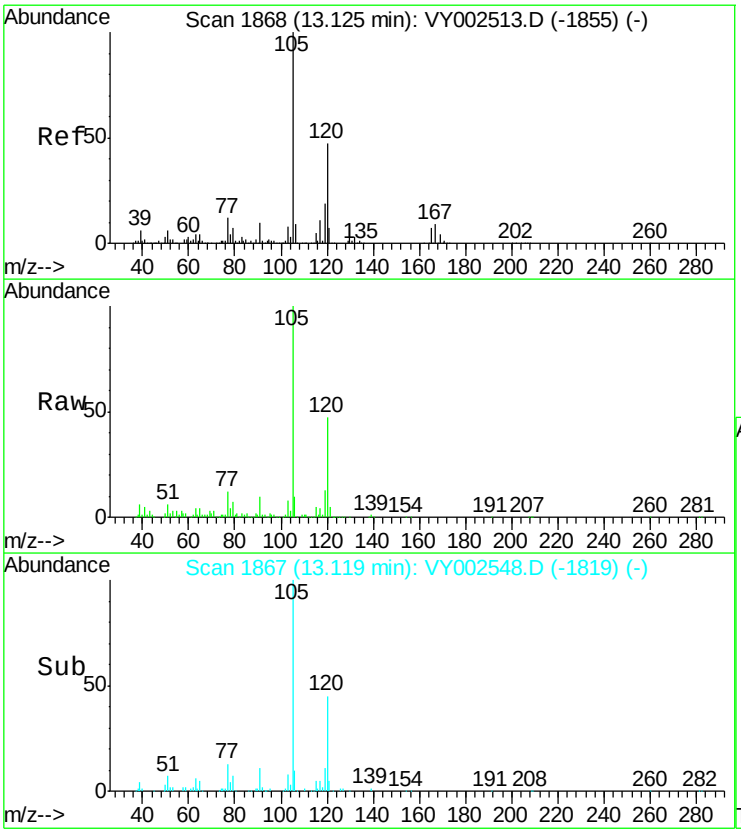
#80
1,3,5-Trimethylbenzene
Concen: 14.944 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-043020

Tgt Ion:105 Resp: 136961

Ion	Ratio	Lower	Upper
105	100		
120	50.6	25.3	75.9

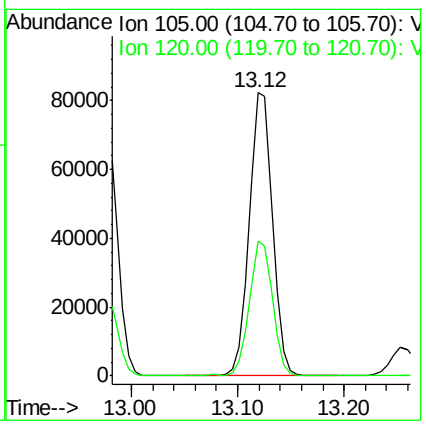


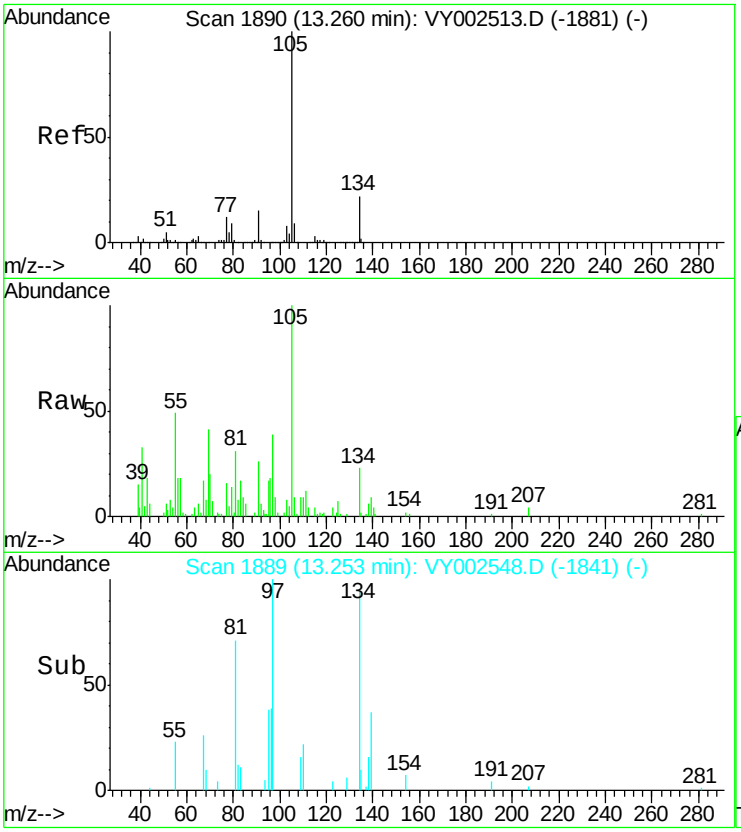


#84
1,2,4-Trimethylbenzene
Concen: 13.825 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion:105 Resp: 126275

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.4	70.3



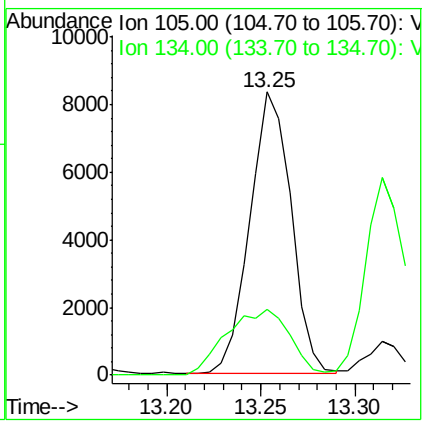


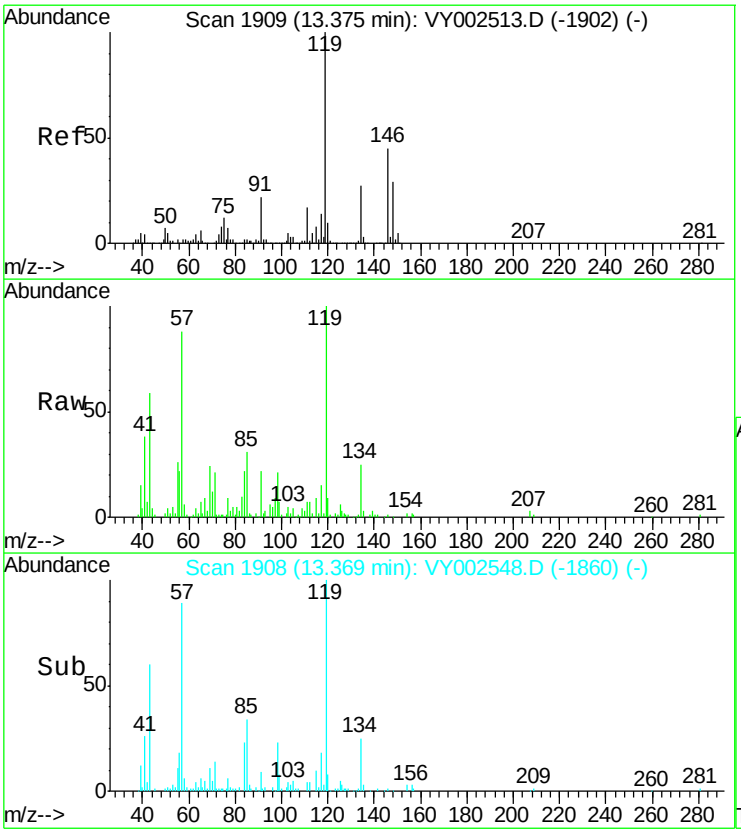
#85
sec-Butylbenzene
Concen: 1.133 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-043020

Tgt Ion:105 Resp: 12638

Ion	Ratio	Lower	Upper
105	100		
134	35.9	10.8	32.3#

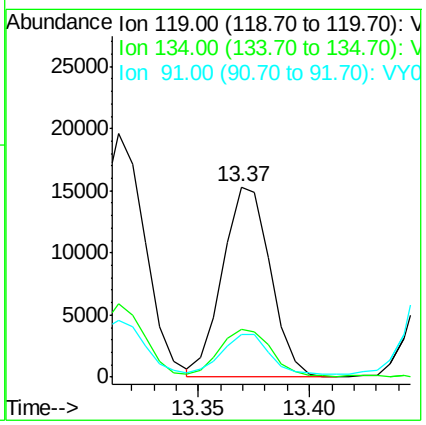


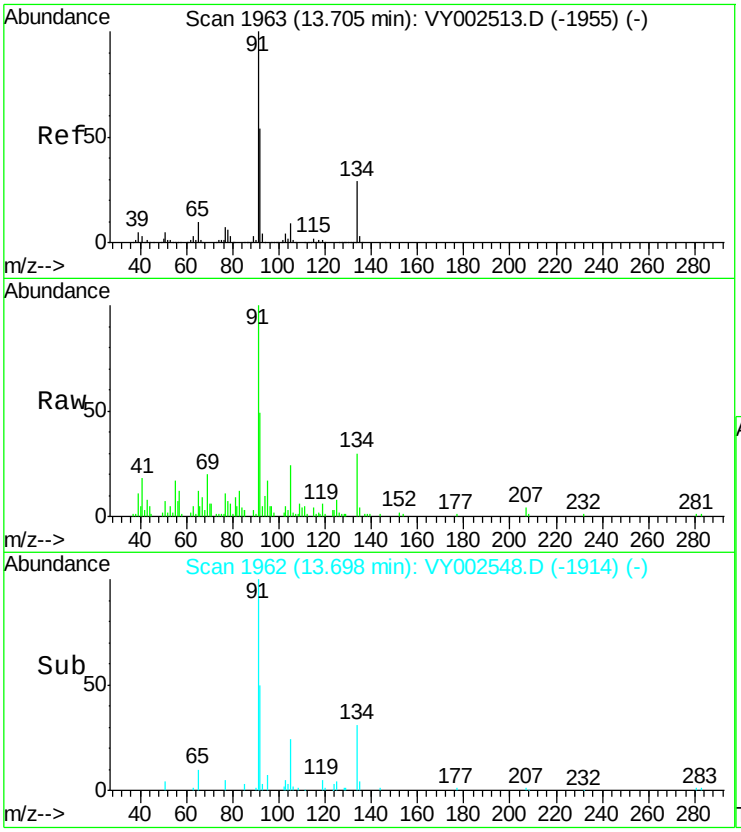


#86
p-Isopropyltoluene
Concen: 2.196 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion:119 Resp: 22940

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.5	40.5
91	20.2	10.9	32.9



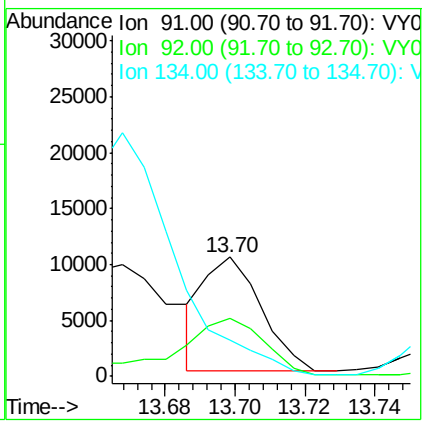


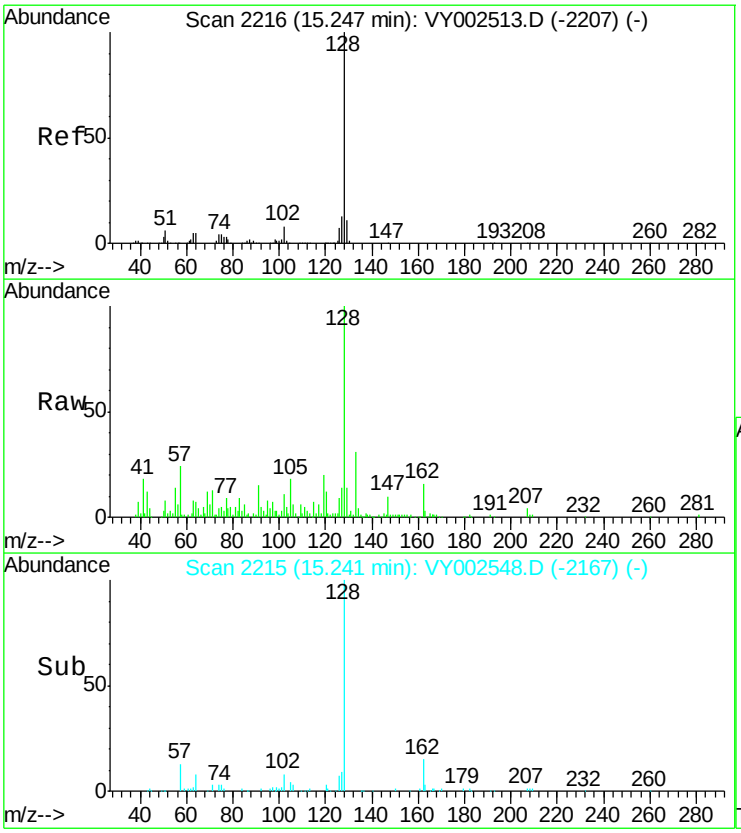
#89
n-Butylbenzene
Concen: 1.219 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Instrument : MSVOA_Y
ClientSampleId : SU-03-043020

Tgt Ion: 91 Resp: 11598

Ion	Ratio	Lower	Upper
91	100		
92	82.0	27.1	81.3#
134	0.0	14.4	43.0#





#95
Naphthalene
Concen: 5.765 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002548.D
Acq: 04 May 2020 17:55

Tgt Ion:128 Resp: 35619

Ion	Ratio	Lower	Upper
128	100		
127	17.2	10.5	15.7#
129	14.6	8.8	13.2#