Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050720\
Data File : VY002627.D
Acq On : 07 May 2020 13:37
Operator : SY/MD
Sample : L2498-01
Misc : 6.97G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CL-02-050620

Quant Time: May 08 03:41:13 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	337256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	521471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	460927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	222825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	148556	52.39	ug/l	-0.01
Spiked Amount 50.000			Recovery = 104.78%			
35) Dibromofluoromethane	7.73	113	156727	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.10%			
50) Toluene-d8	10.19	98	600309	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.08%			
62) 4-Bromofluorobenzene	12.49	95	195619	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.00%			
Target Compounds						Qvalue
68) m/p-Xylenes	11.70	106	10389	1.744	ug/l	98
69) o-Xylene	12.03	106	10126	1.816	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	22780	1.903	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	66077	5.539	ug/l	99
95) Naphthalene	15.24	128	1598635	198.093	ug/l	100

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

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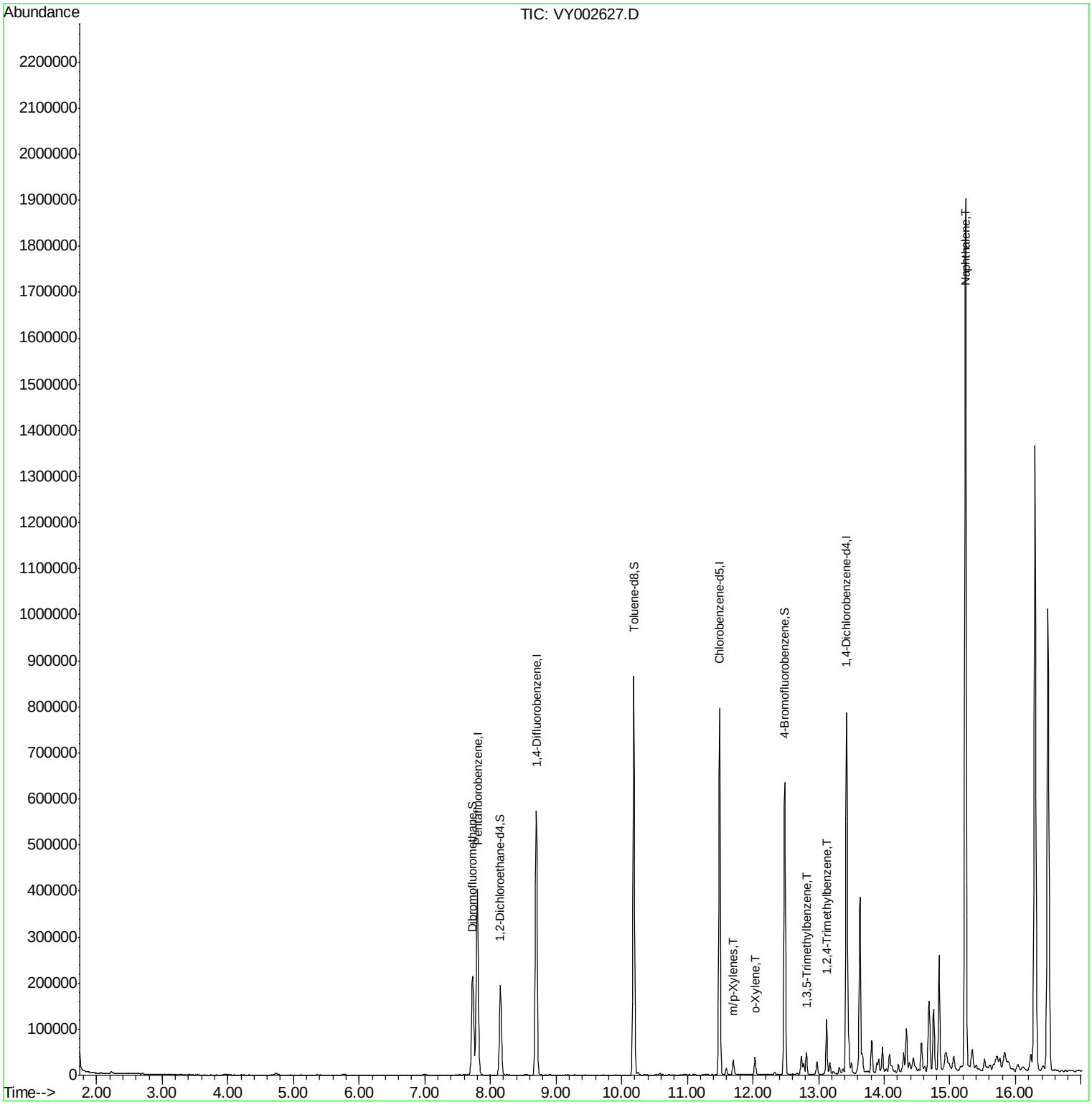
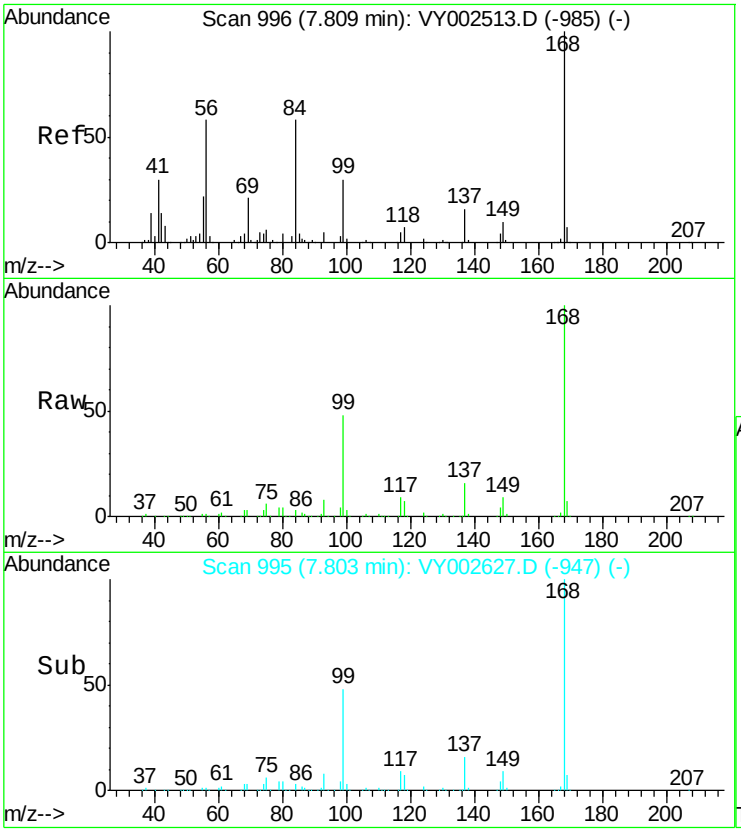


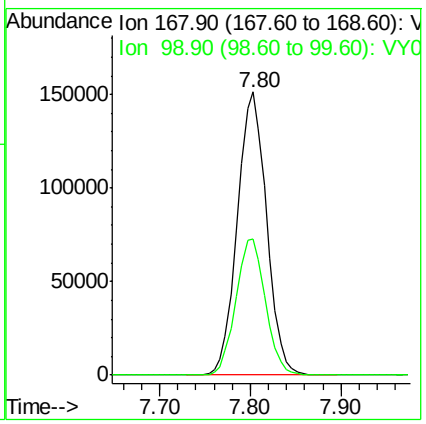


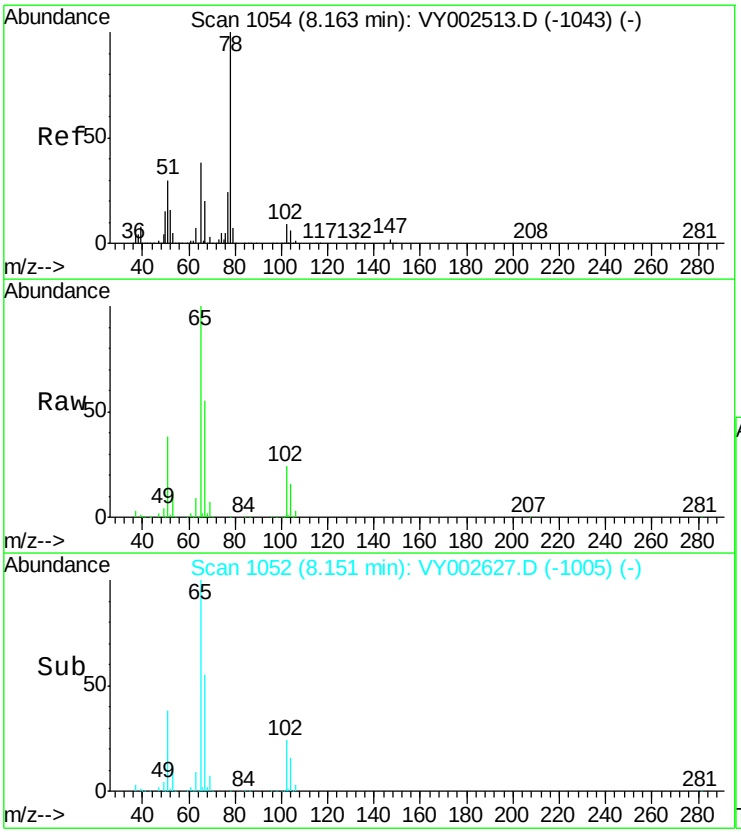
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-050620

Tgt Ion:168 Resp: 337256

Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.2	58.8

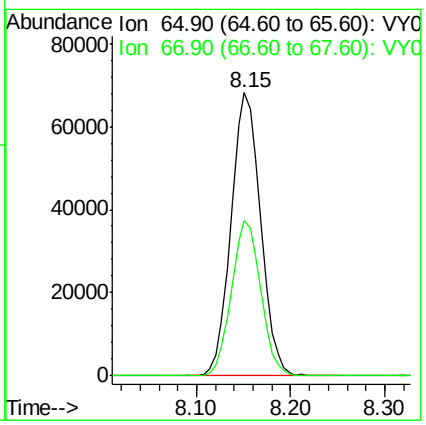


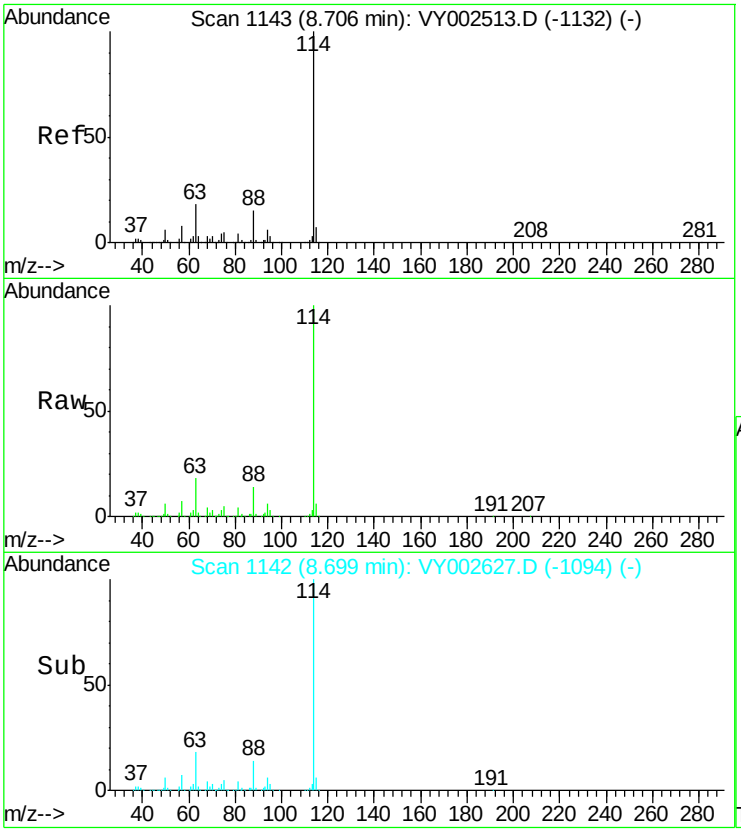


#33
1,2-Dichloroethane-d4
Concen: 52.388 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Tgt Ion: 65 Resp: 148556

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	107.2



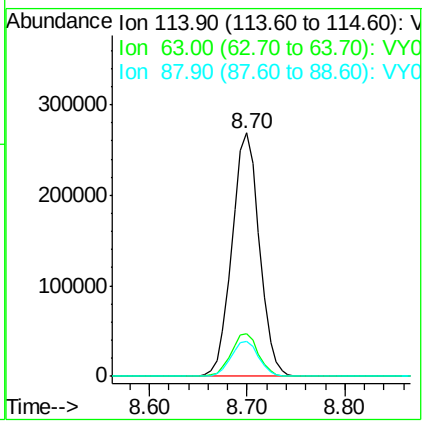


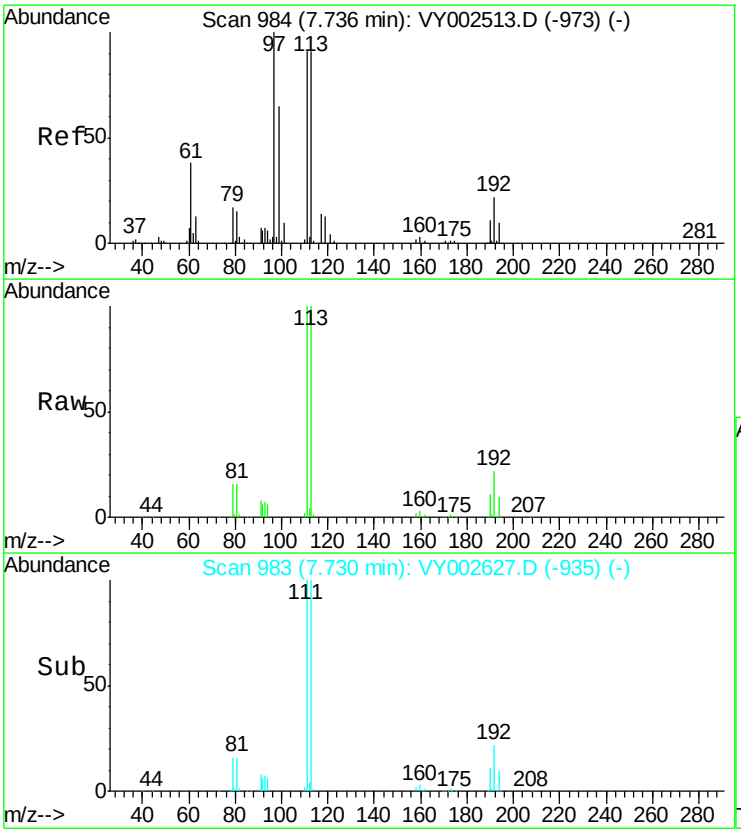
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-050620

Tgt Ion:114 Resp: 521471

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.4
88	14.3	0.0	29.6

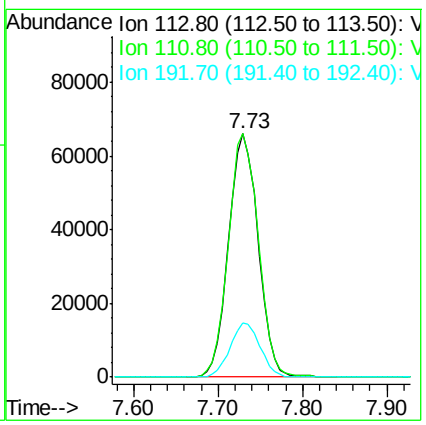


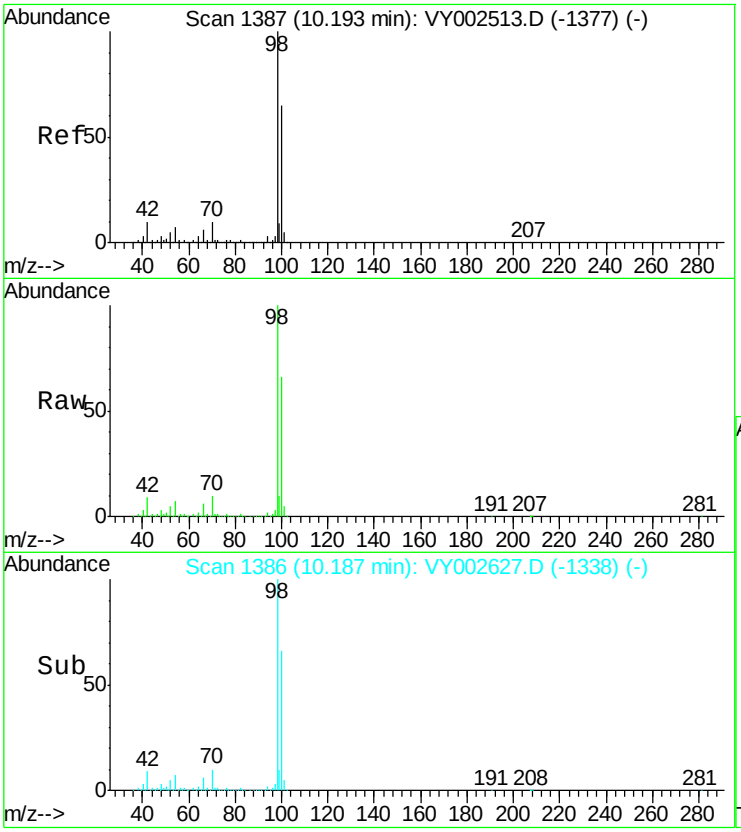


#35
Dibromofluoromethane
Concen: 52.552 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Tgt Ion:113 Resp: 156727

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.6
192	22.4	18.2	27.4



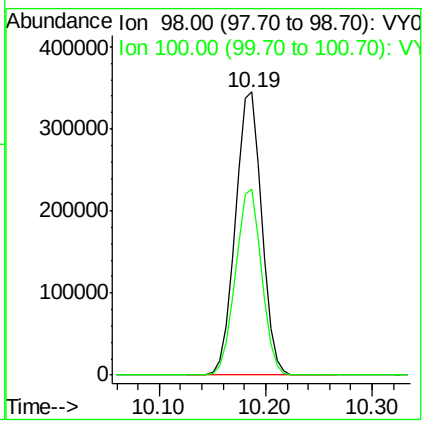


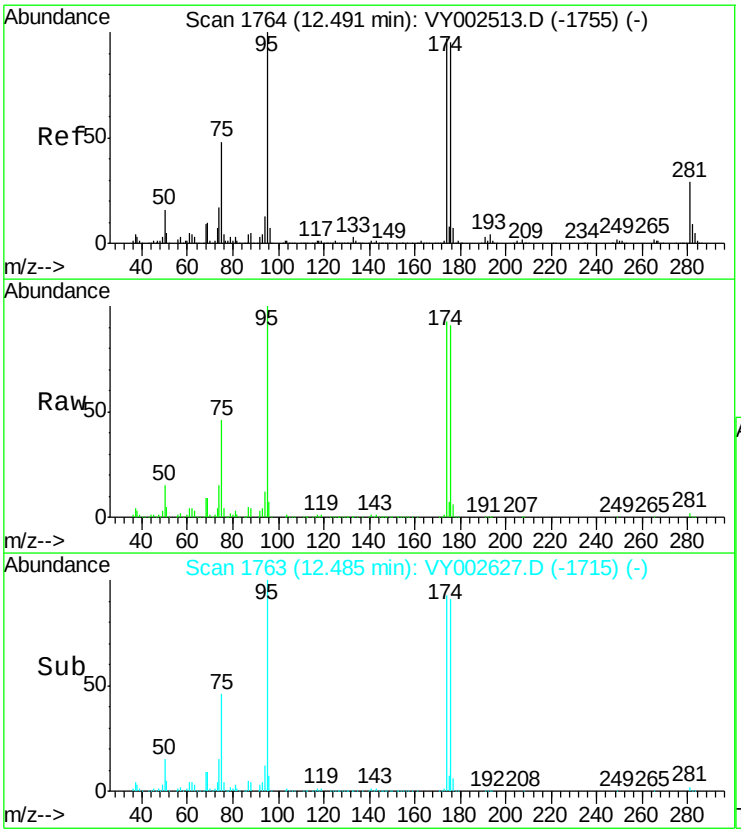
#50
Toluene-d8
Concen: 51.545 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Instrument : MSVOA_Y
ClientSampleId : CL-02-050620

Tgt Ion: 98 Resp: 600309

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2

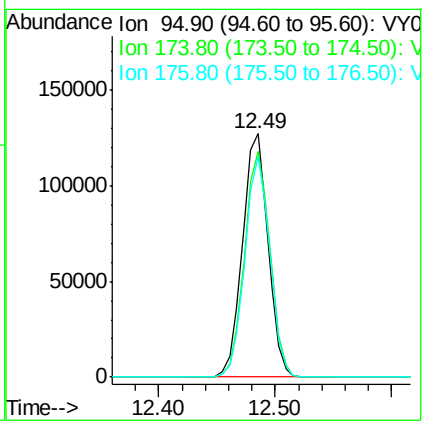


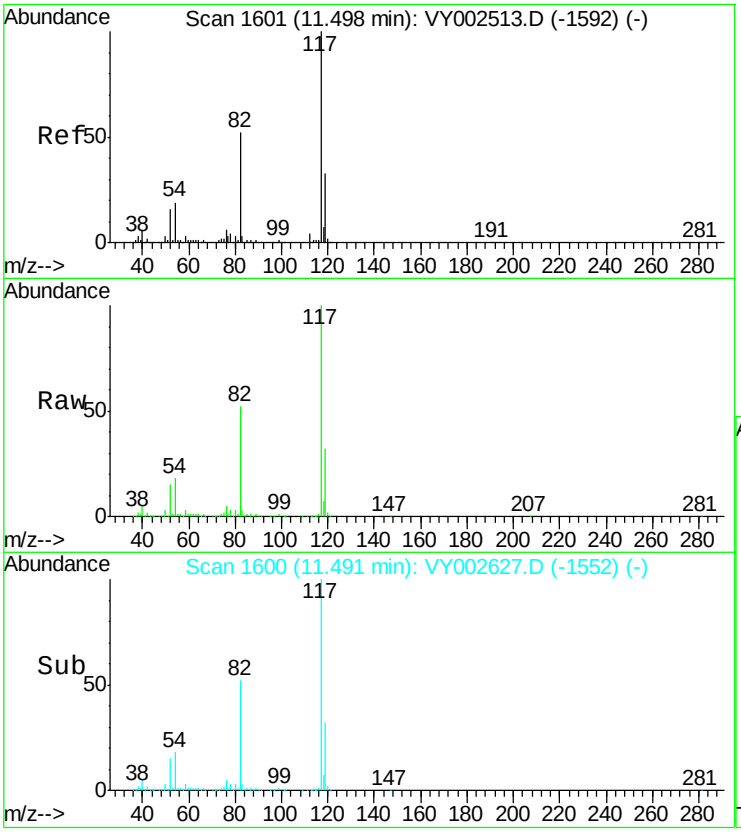


#62
4-Bromofluorobenzene
Concen: 49.500 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Tgt Ion: 95 Resp: 195619

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	188.8
176	88.4	0.0	183.2



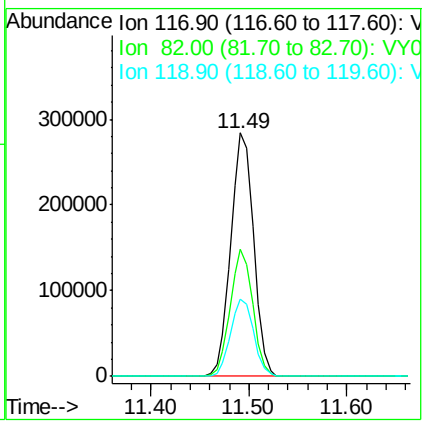


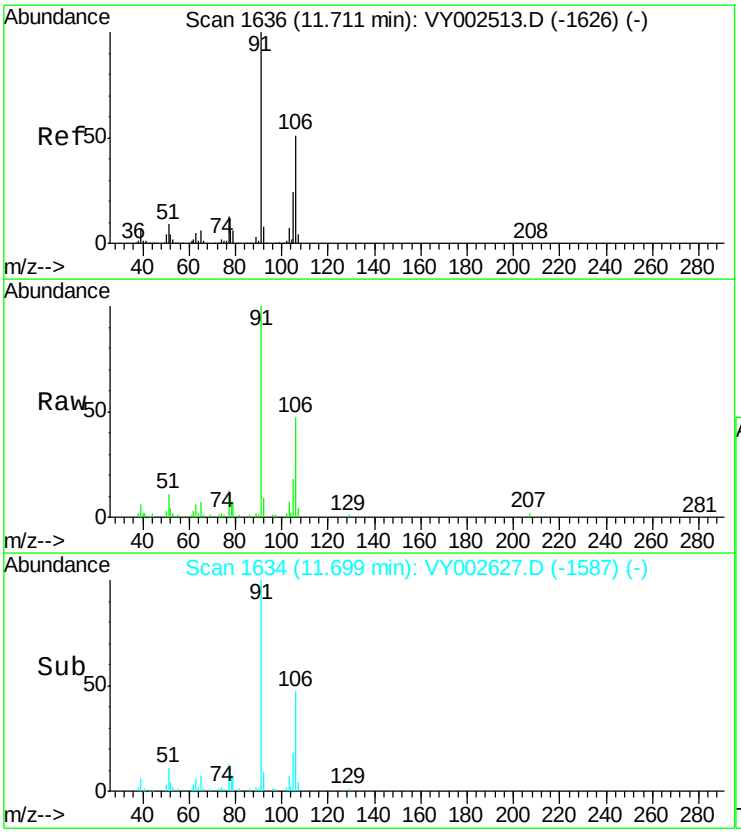
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Instrument : MSVOA_Y
ClientSampleId : CL-02-050620

Tgt Ion:117 Resp: 460927

Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.3	61.9
119	32.0	26.0	39.0

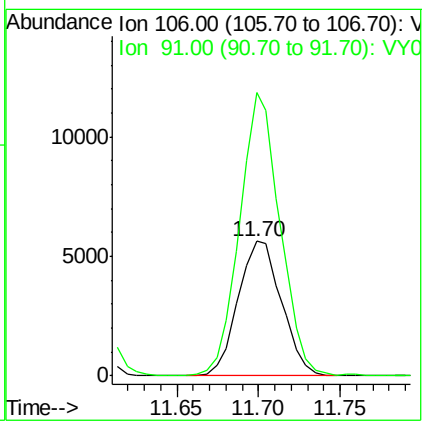


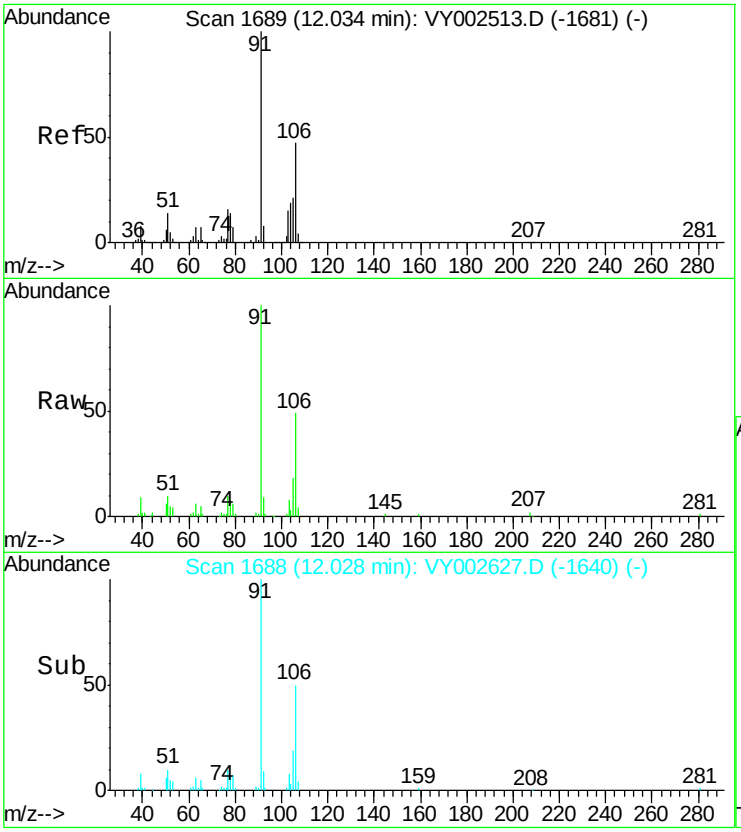


#68
m/p-Xylenes
Concen: 1.744 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Tgt Ion:106 Resp: 10389

Ion	Ratio	Lower	Upper
106	100		
91	196.6	155.2	232.8



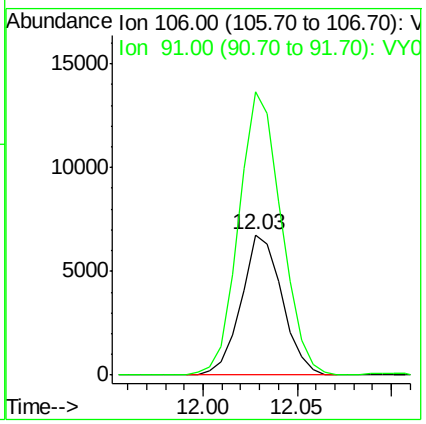


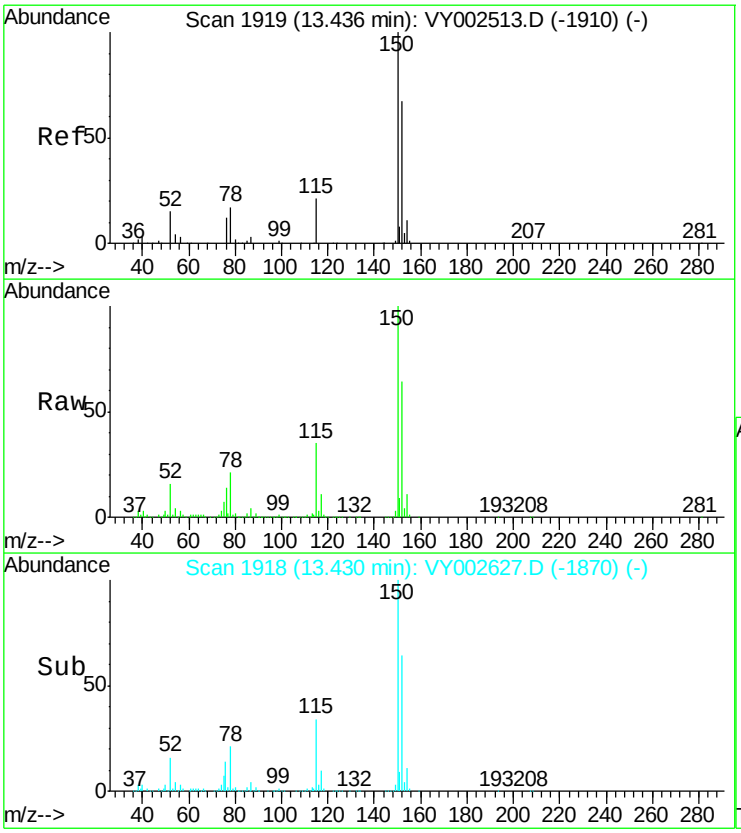
#69
o-Xylene
Concen: 1.816 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-050620

Tgt Ion:106 Resp: 10126

Ion	Ratio	Lower	Upper
106	100		
91	210.2	103.8	311.3

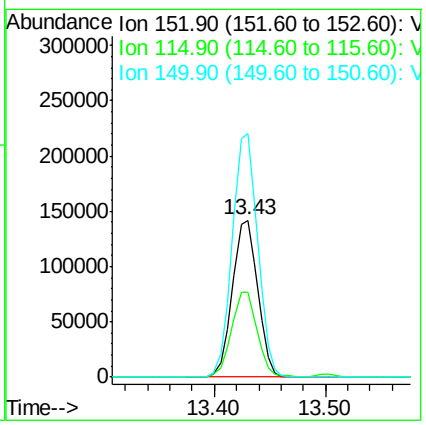


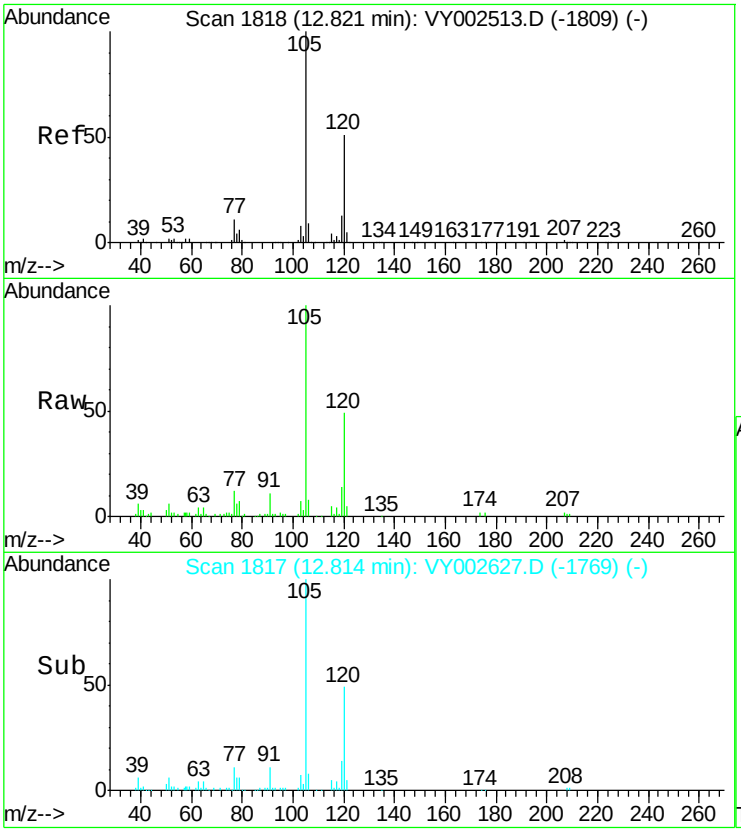


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Tgt Ion:152 Resp: 222825

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.5	82.4
150	155.8	0.0	346.4



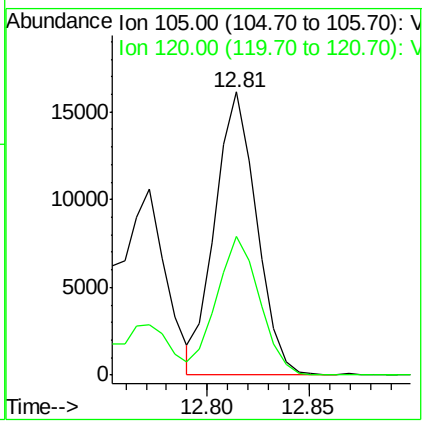


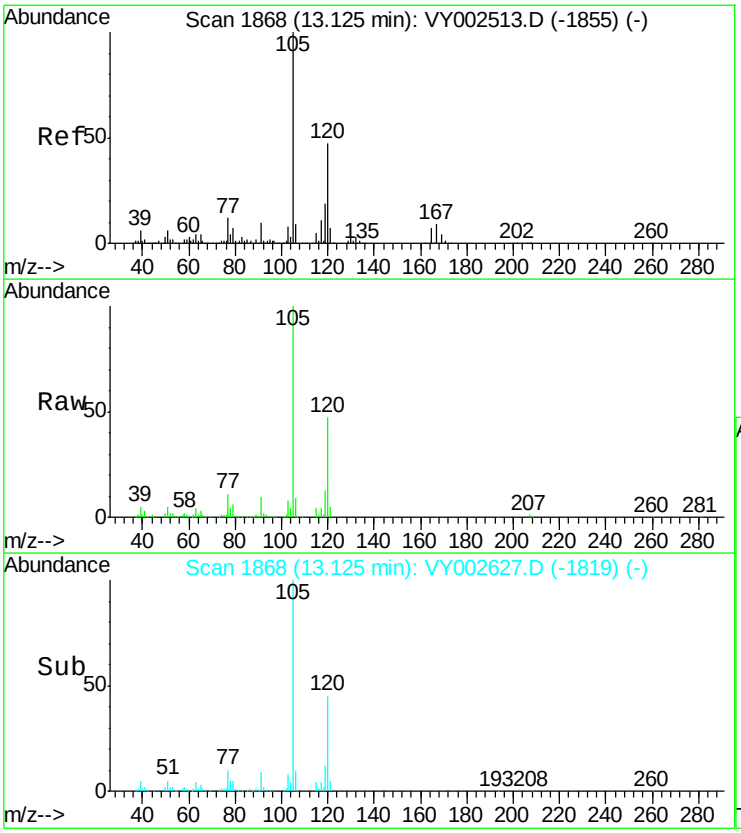
#80
1,3,5-Trimethylbenzene
Concen: 1.903 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-050620

Tgt Ion:105 Resp: 22780

Ion	Ratio	Lower	Upper
105	100		
120	50.9	25.3	75.9

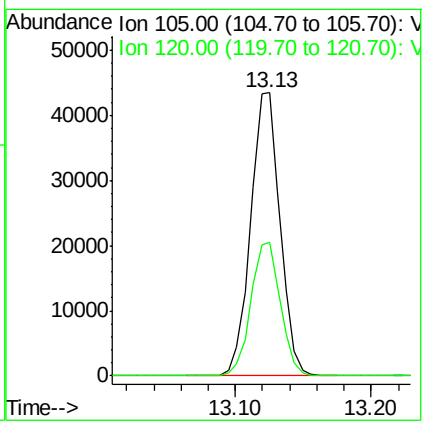


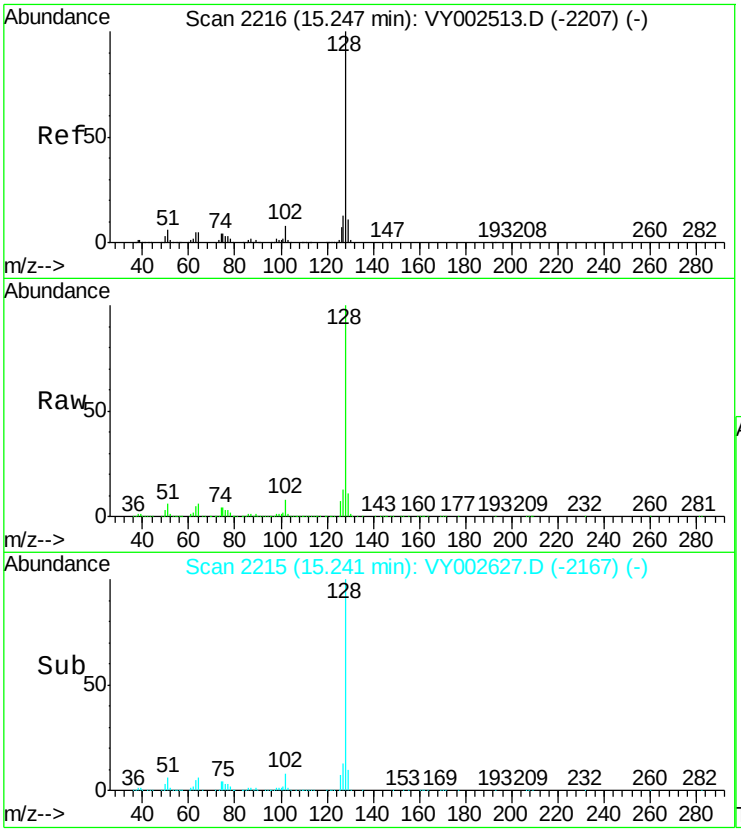


#84
1,2,4-Trimethylbenzene
Concen: 5.539 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Tgt Ion:105 Resp: 66077

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.4	70.3





#95
Naphthalene
Concen: 198.093 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-050620

Tgt Ion:128 Resp: 1598635

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.8	13.2