Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
Data File : VY002828.D
Acq On : 03 Jun 2020 13:17
Operator : SY/MD
Sample : L2795-03
Misc : 5.06G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 209-213

Quant Time: Jun 03 17:23:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	308056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	491145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	396927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	145227	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.58%			
35) Dibromofluoromethane	7.72	113	152501	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.96%			
50) Toluene-d8	10.18	98	548187	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.20%			
62) 4-Bromofluorobenzene	12.48	95	158965	39.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.94%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.97	59	76161	265.726	ug/l	99
16) Acetone	3.96	43	12673	20.206	ug/l	93
20) Methylene Chloride	4.72	84	17987	5.868	ug/l	98
52) Toluene	10.24	92	123313	15.419	ug/l	98
67) Ethyl Benzene	11.59	91	50466	3.711	ug/l	100
68) m/p-Xylenes	11.70	106	81924	15.536	ug/l	99
69) o-Xylene	12.03	106	28113	5.647	ug/l	99
78) n-propylbenzene	12.67	91	16808	1.493	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	14696	1.806	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	68652	8.391	ug/l	100
86) p-Isopropyltoluene	13.37	119	48637	5.267	ug/l	99
95) Naphthalene	15.23	128	37402	5.677	ug/l #	89

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

Quantitation Report (LSC Reviewed)

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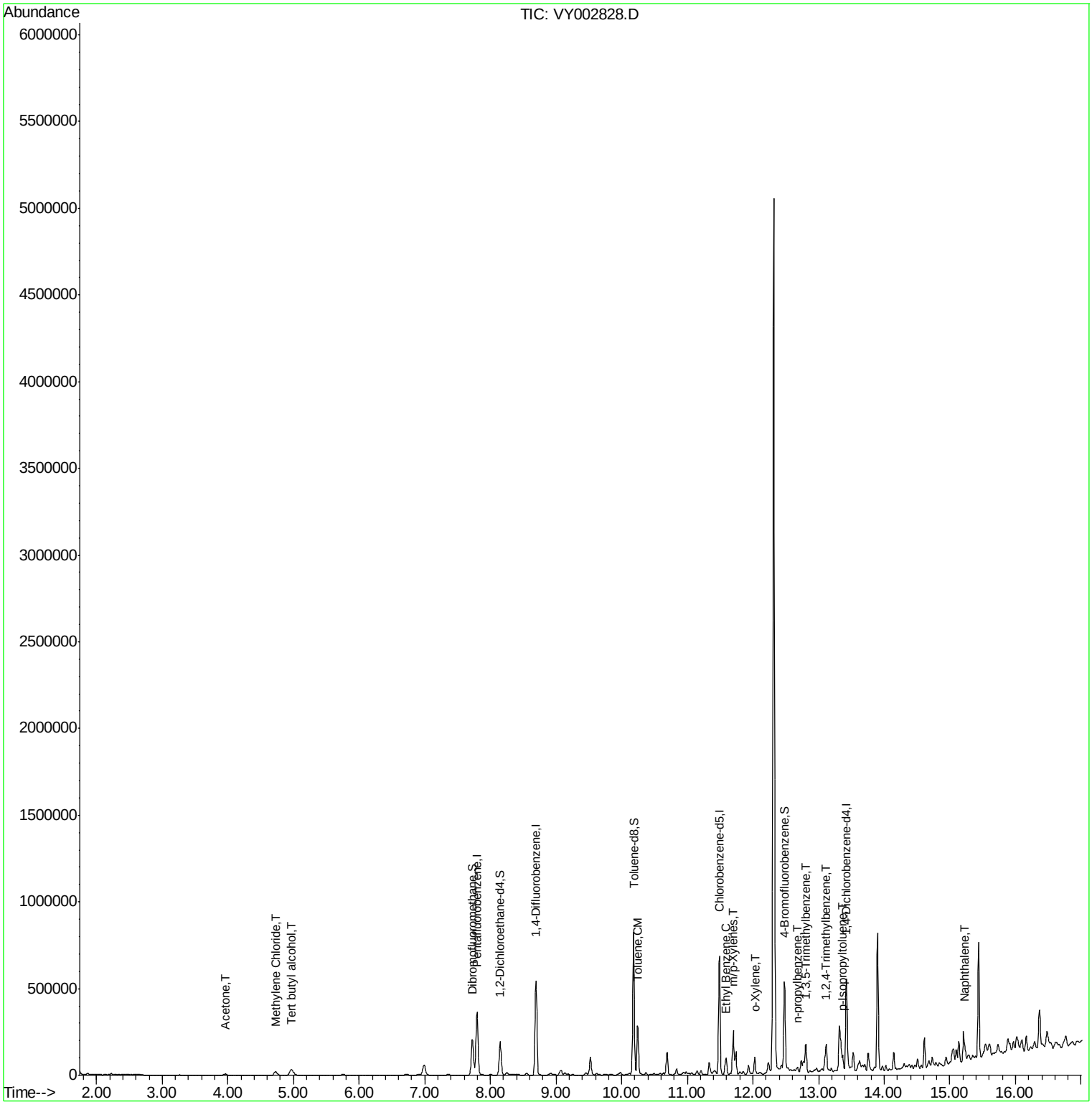
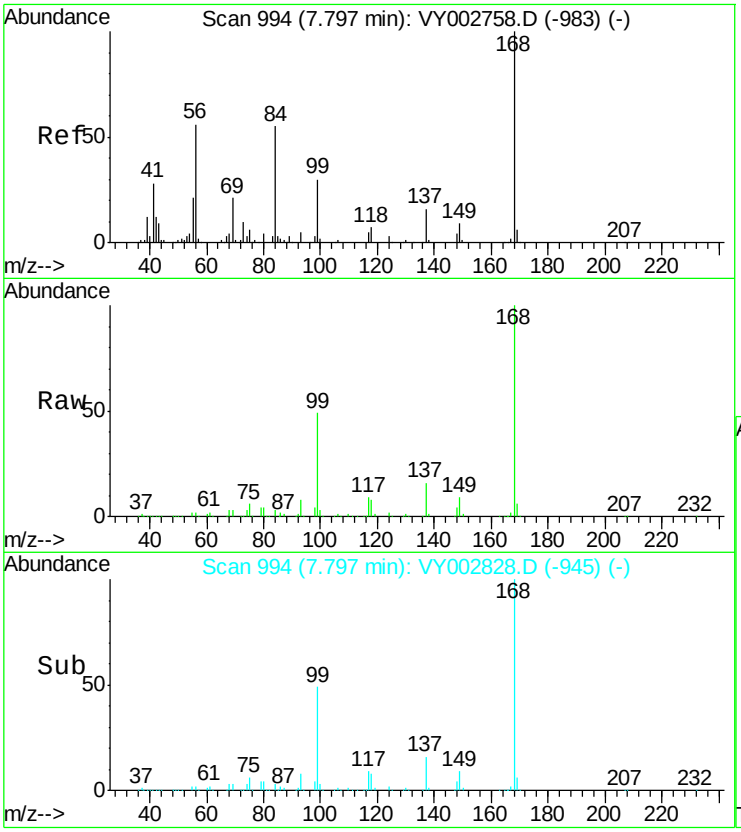
Data File : VY002828.D
Acq On : 03 Jun 2020 13:17
Operator : SY/MD
Sample : L2795-03
Misc : 5.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 209-213

Quant Time: Jun 03 17:23:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration



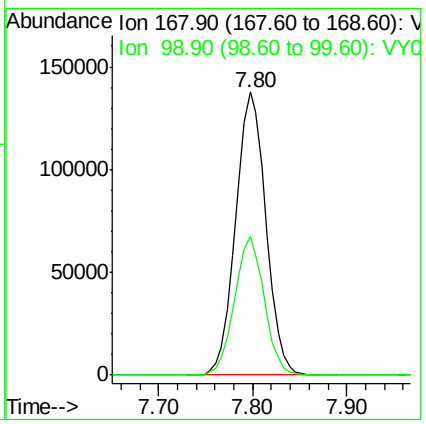


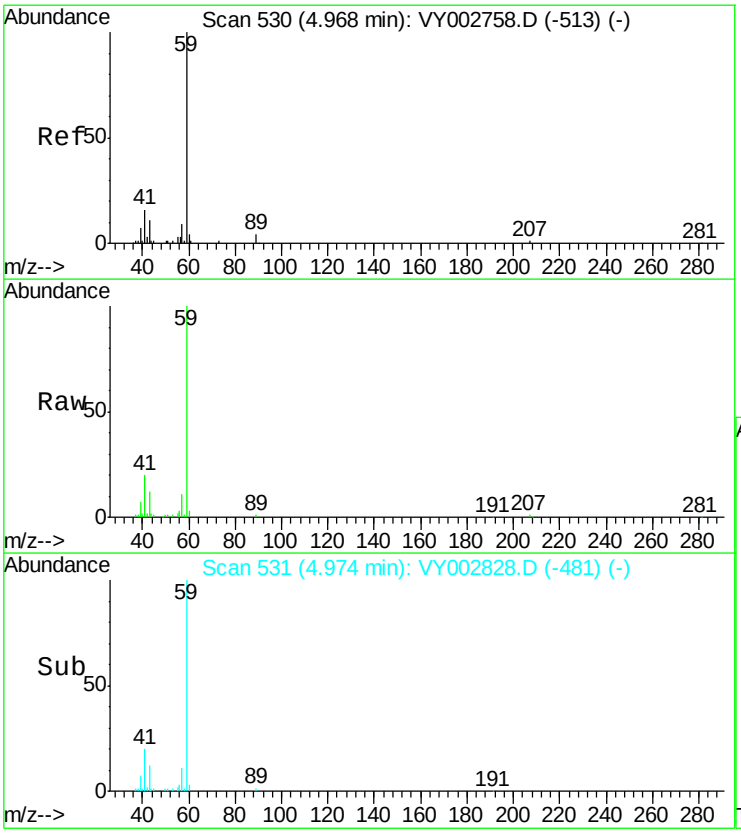
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :
209-213

Tgt Ion:168 Resp: 308056

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.0	58.4

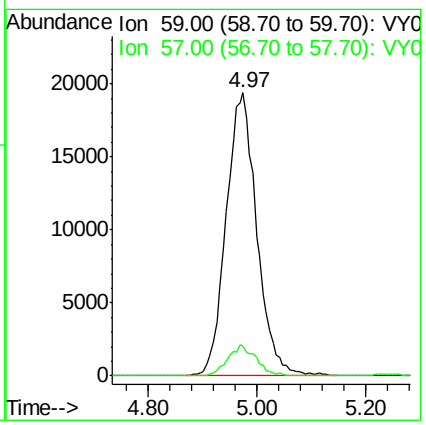


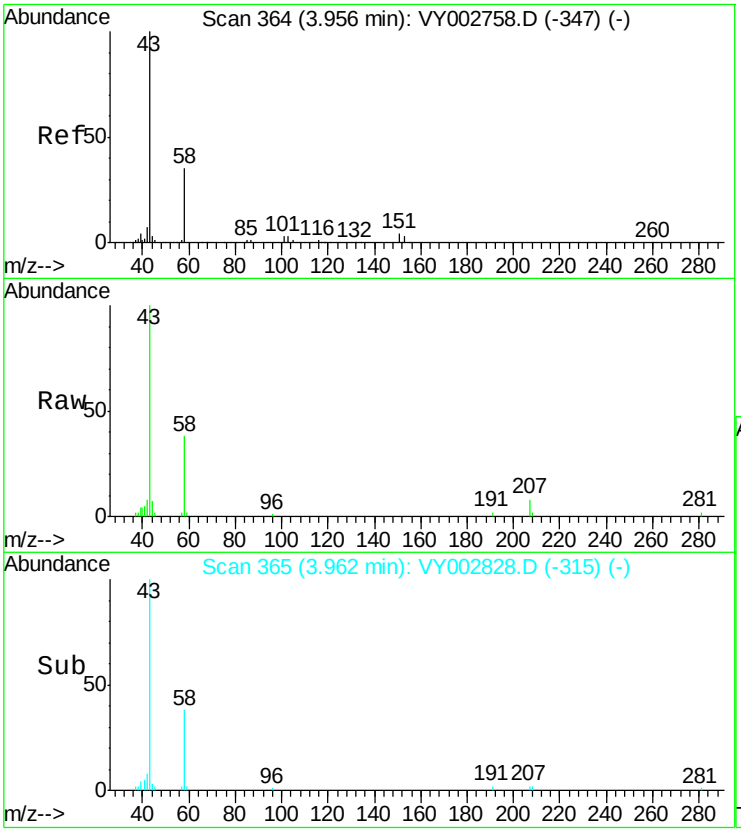


#11
Tert butyl alcohol
Concen: 265.726 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Tgt Ion: 59 Resp: 76161

Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.7	11.5



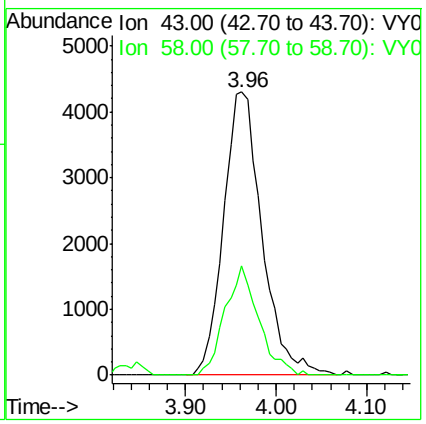


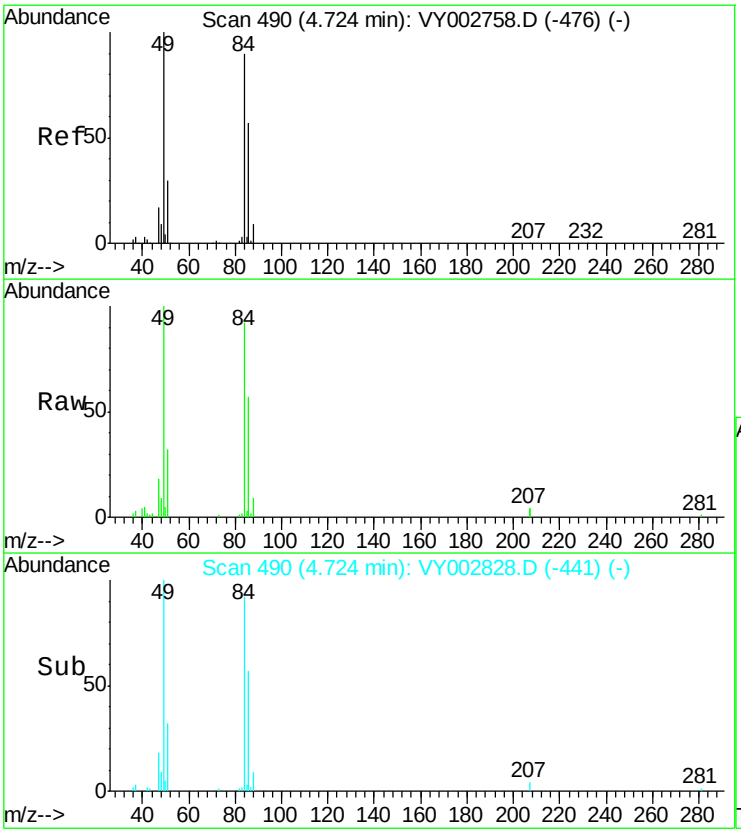
#16
Acetone
Concen: 20.206 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Instrument : MSVOA_Y
ClientSampleId : 209-213

Tgt Ion: 43 Resp: 12673

Ion	Ratio	Lower	Upper
43	100		
58	38.4	27.7	41.5

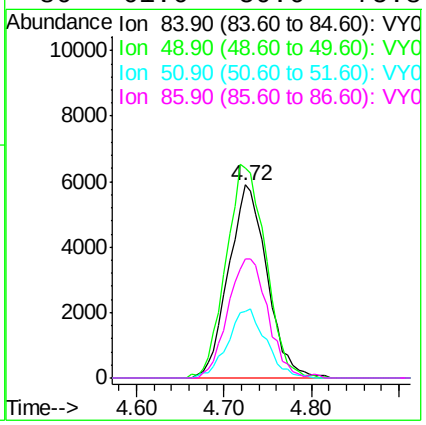


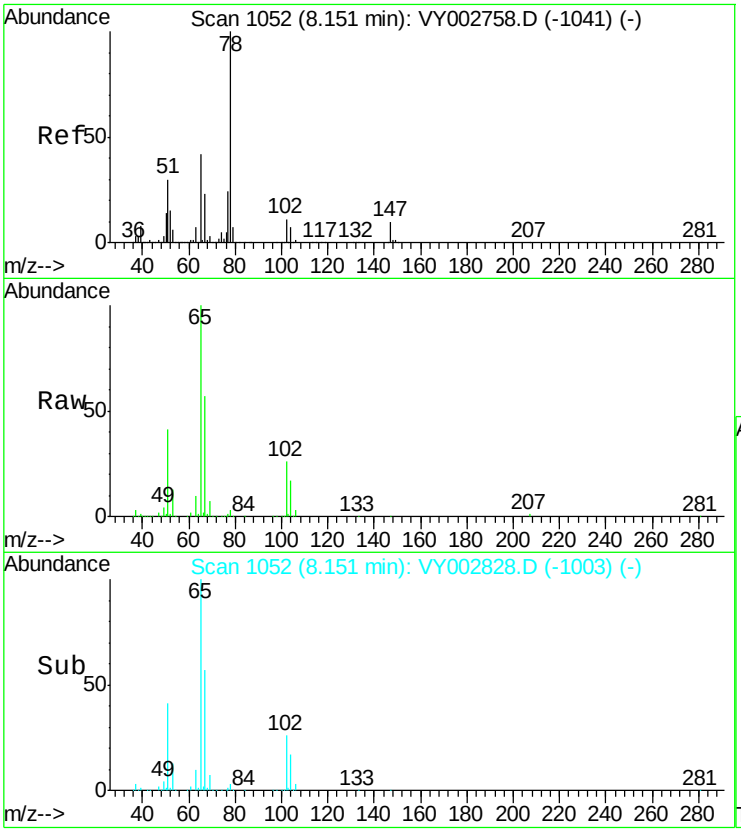


#20
Methylene Chloride
Concen: 5.868 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Tgt Ion: 84 Resp: 17987

Ion	Ratio	Lower	Upper
84	100		
49	108.7	88.5	132.7
51	34.4	26.8	40.2
86	61.6	50.6	75.8



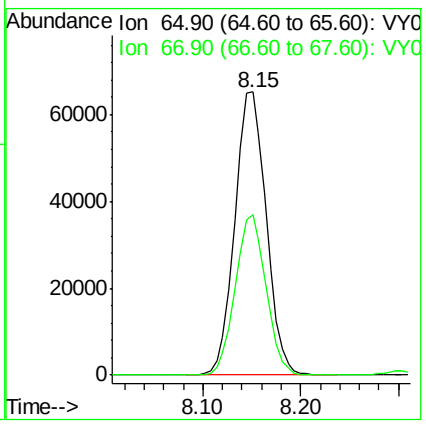


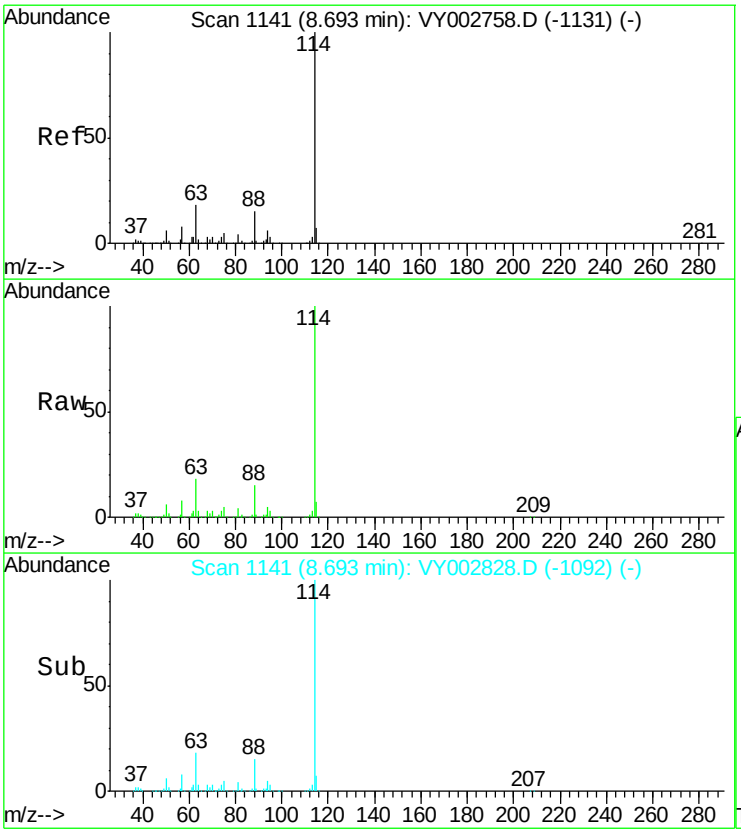
#33
1,2-Dichloroethane-d4
Concen: 54.295 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Instrument : MSVOA_Y
ClientSampleId : 209-213

Tgt Ion: 65 Resp: 145227

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	111.0

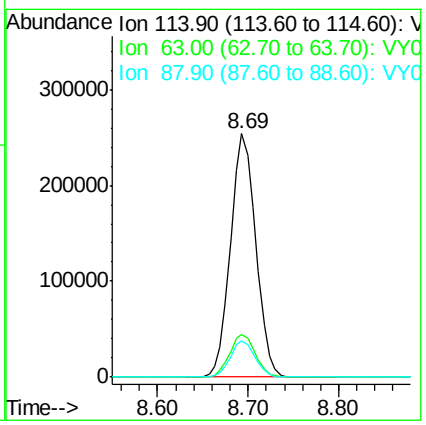


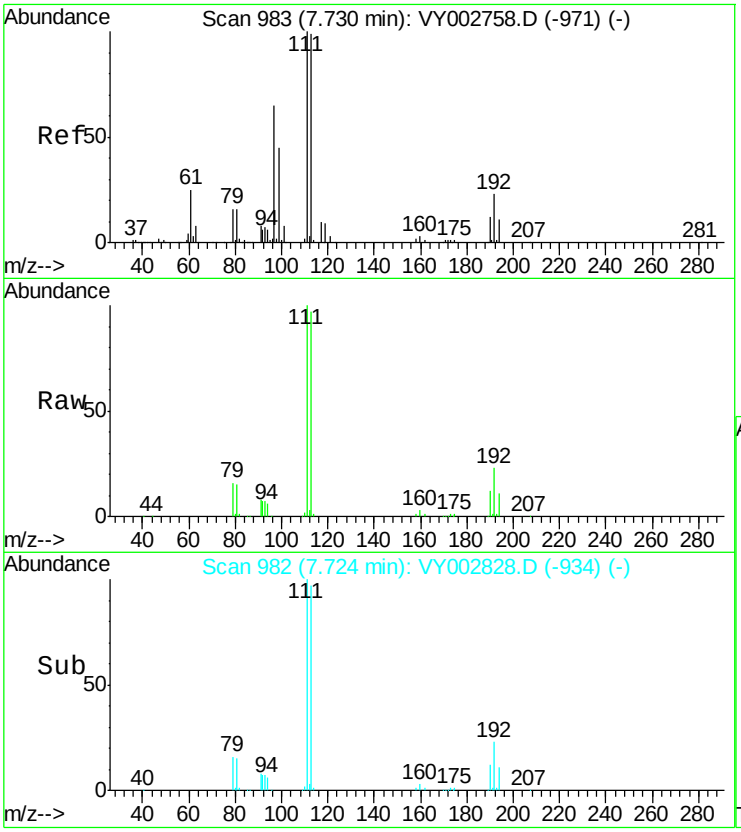


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Tgt Ion:114 Resp: 491145

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.2
88	14.9	0.0	29.2



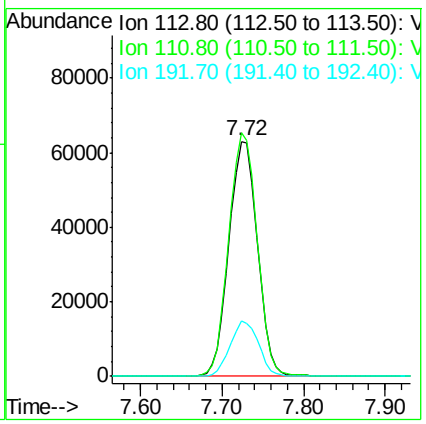


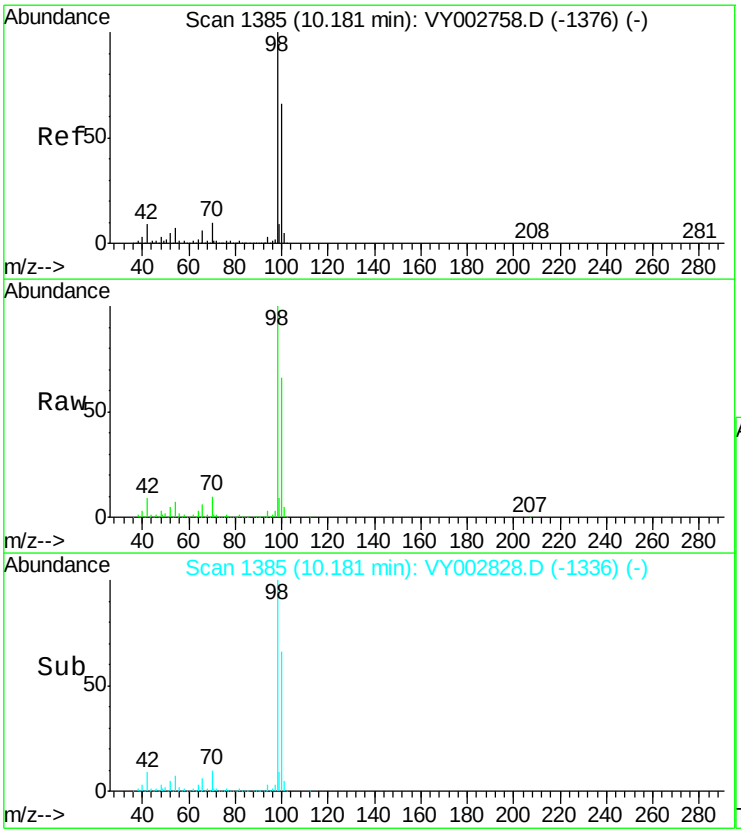
#35
Dibromofluoromethane
Concen: 52.982 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :
209-213

Tgt Ion:113 Resp: 152501

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	23.4	18.9	28.3

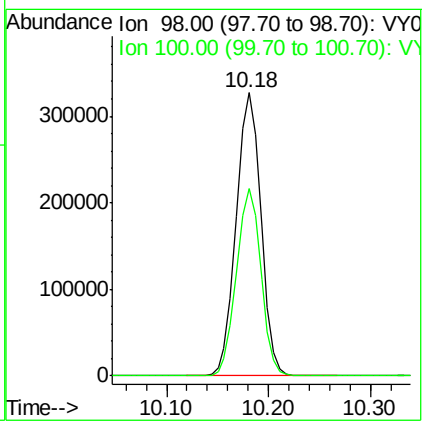


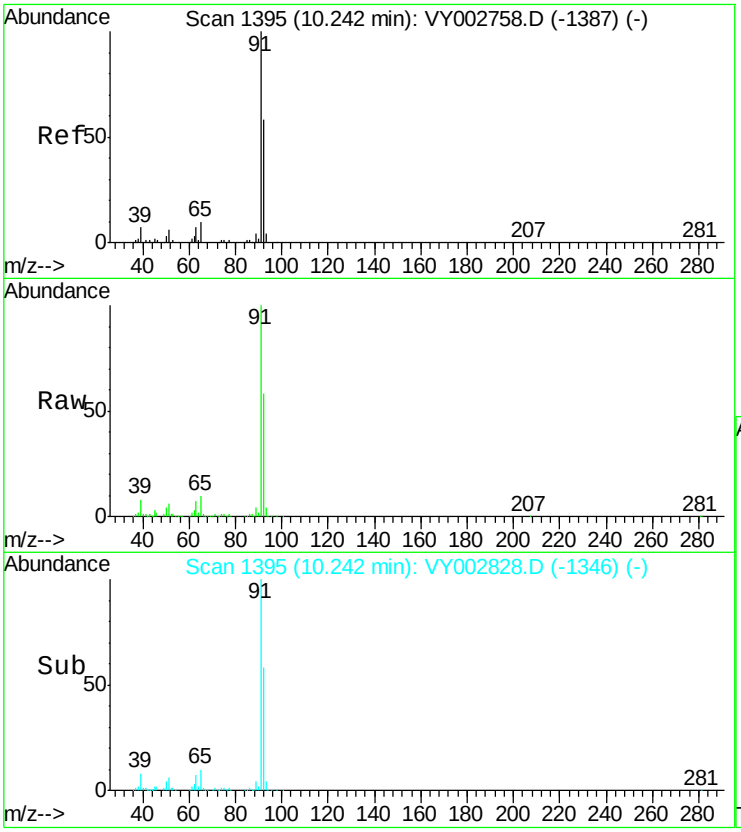


#50
Toluene-d8
Concen: 47.103 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Tgt Ion: 98 Resp: 548187

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2



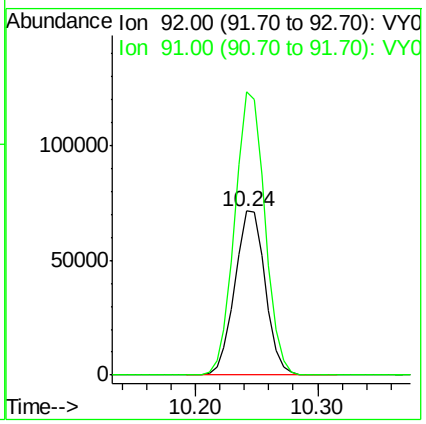


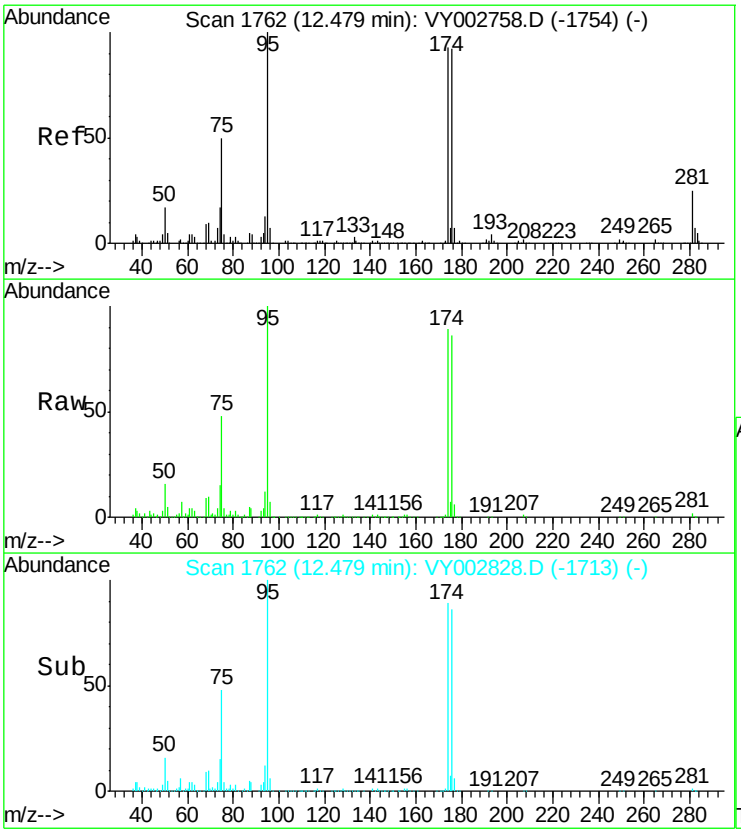
#52
Toluene
Concen: 15.419 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Instrument : MSVOA_Y
ClientSampleId : 209-213

Tgt Ion: 92 Resp: 123313

Ion	Ratio	Lower	Upper
92	100		
91	170.8	138.5	207.7

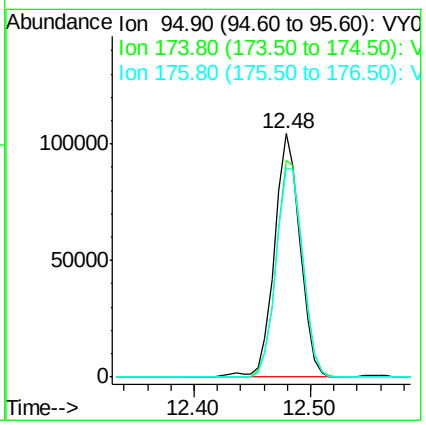


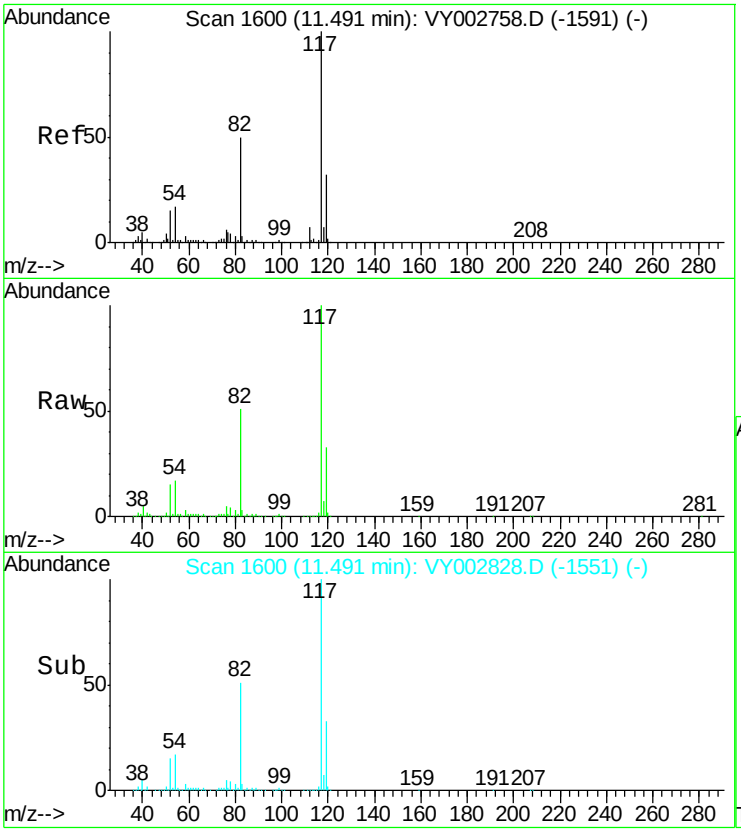


#62
4-Bromofluorobenzene
Concen: 39.968 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Tgt Ion: 95 Resp: 158965

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	191.2
176	88.7	0.0	188.8



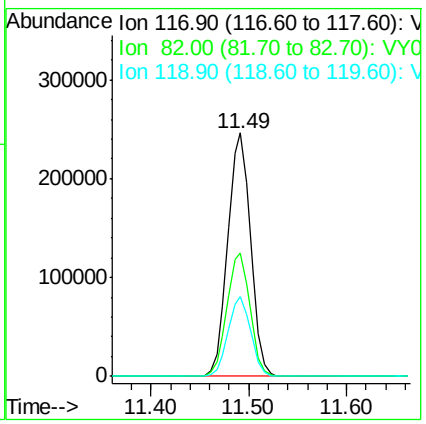


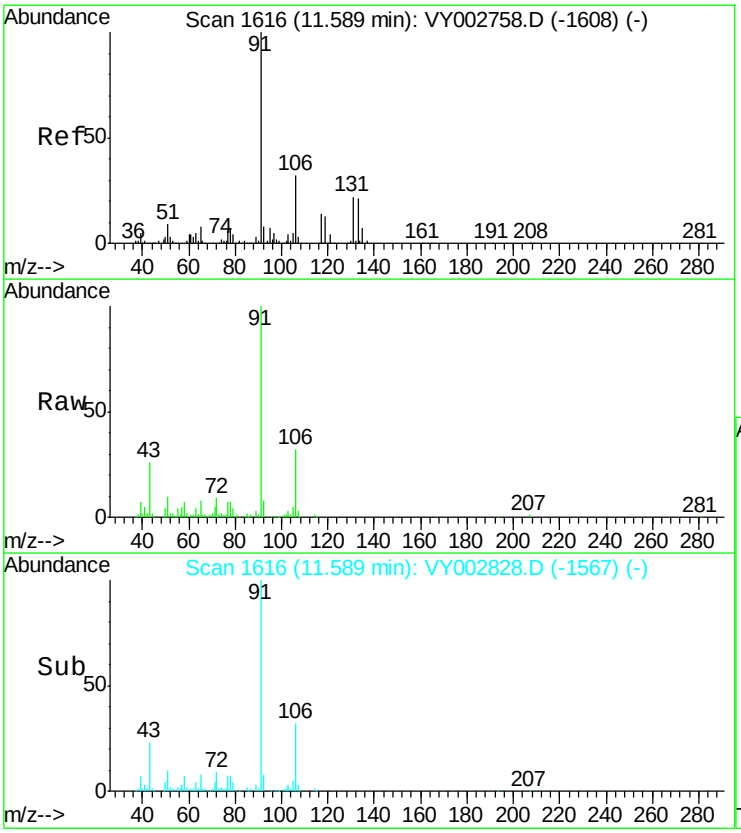
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Instrument : MSVOA_Y
ClientSampleId : 209-213

Tgt Ion:117 Resp: 396927

Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.2	60.4
119	32.7	25.8	38.8

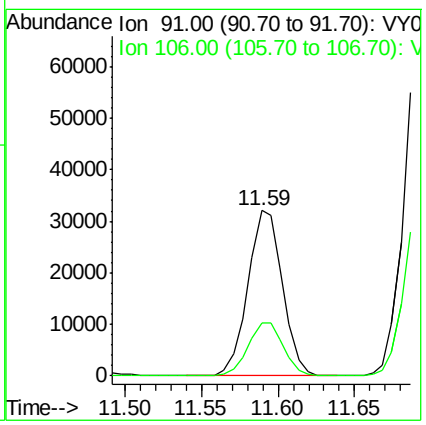


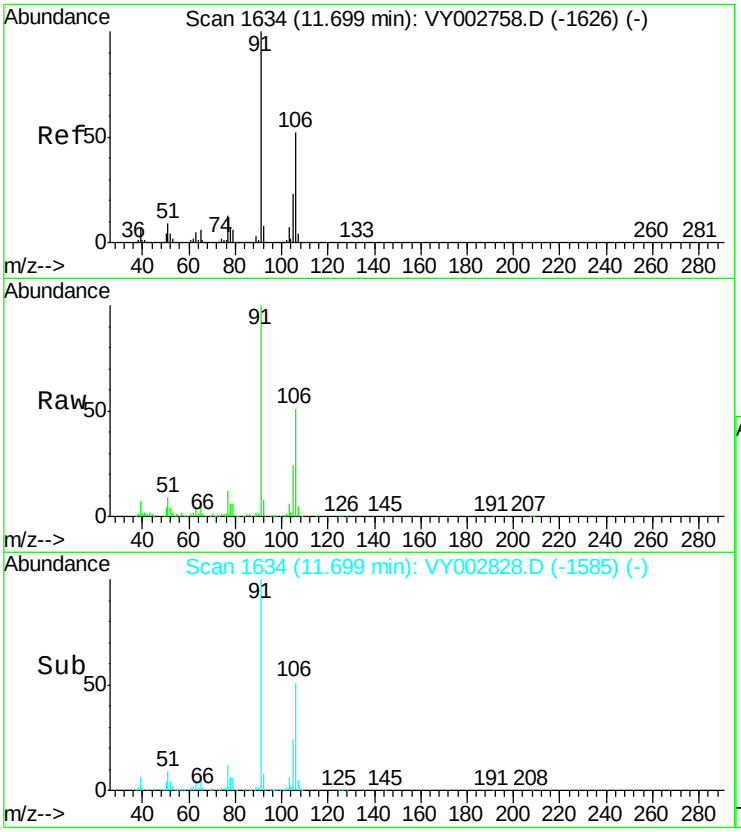


#67
Ethyl Benzene
Concen: 3.711 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Tgt Ion: 91 Resp: 50466

Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.7	38.5



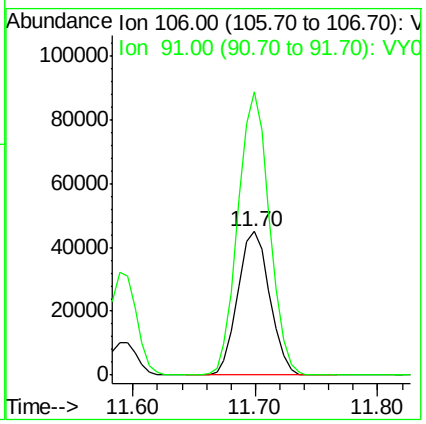


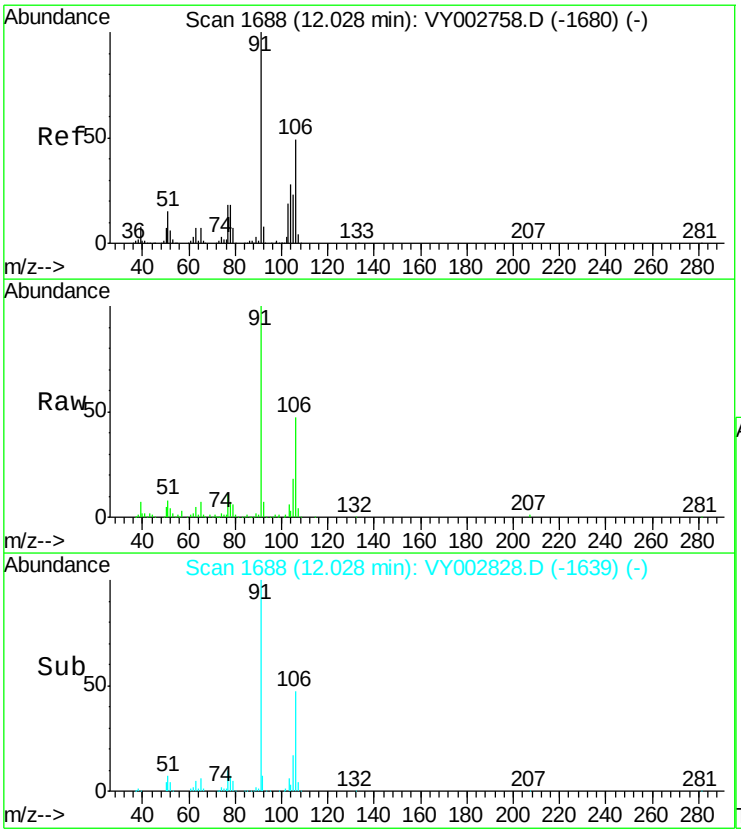
#68
m/p-Xylenes
Concen: 15.536 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Instrument : MSVOA_Y
ClientSampleId : 209-213

Tgt Ion:106 Resp: 81924

Ion	Ratio	Lower	Upper
106	100		
91	193.0	156.0	234.0

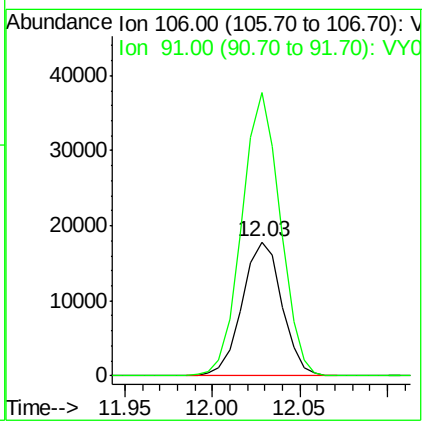


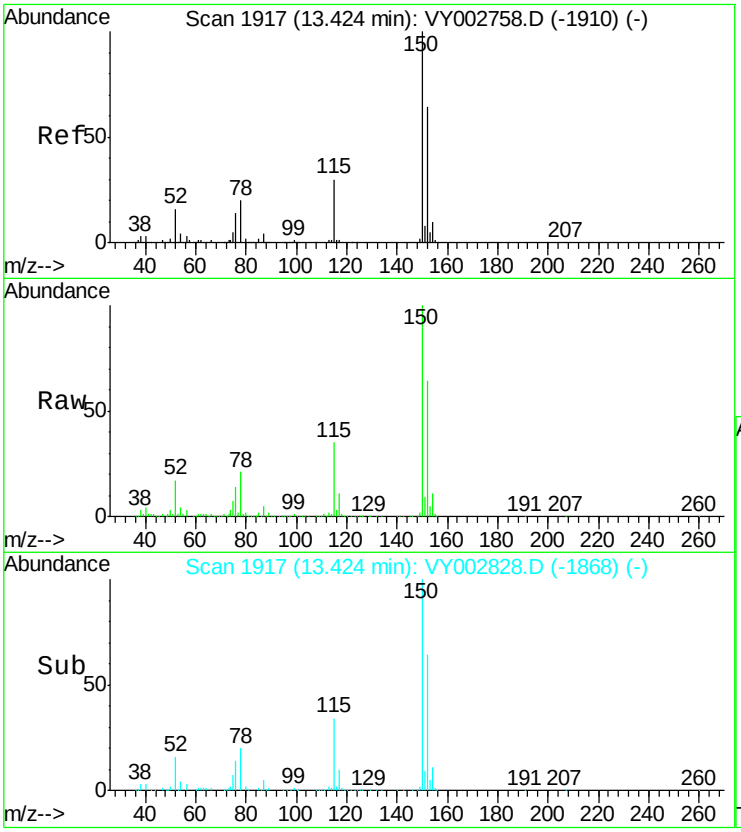


#69
o-Xylene
Concen: 5.647 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Tgt Ion:106 Resp: 28113

Ion	Ratio	Lower	Upper
106	100		
91	205.5	102.4	307.1



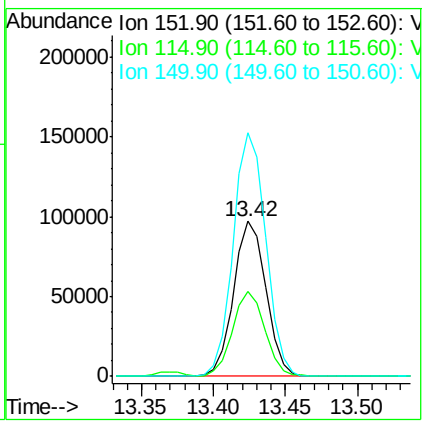


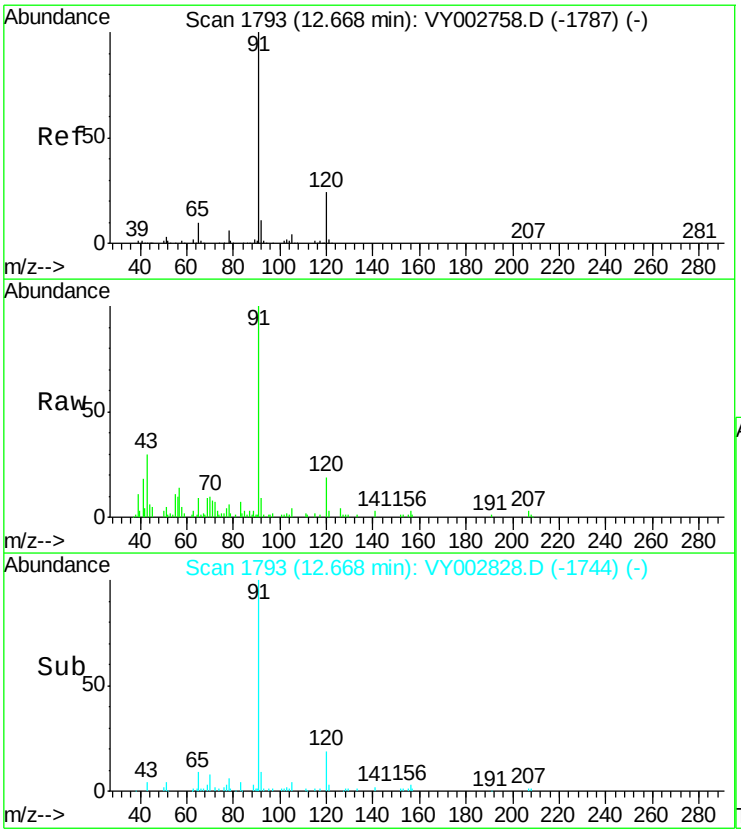
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :
209-213

Tgt Ion:152 Resp: 152077

Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.0	81.0
150	157.6	0.0	344.8

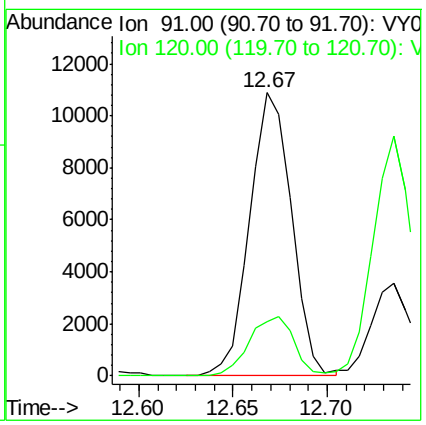


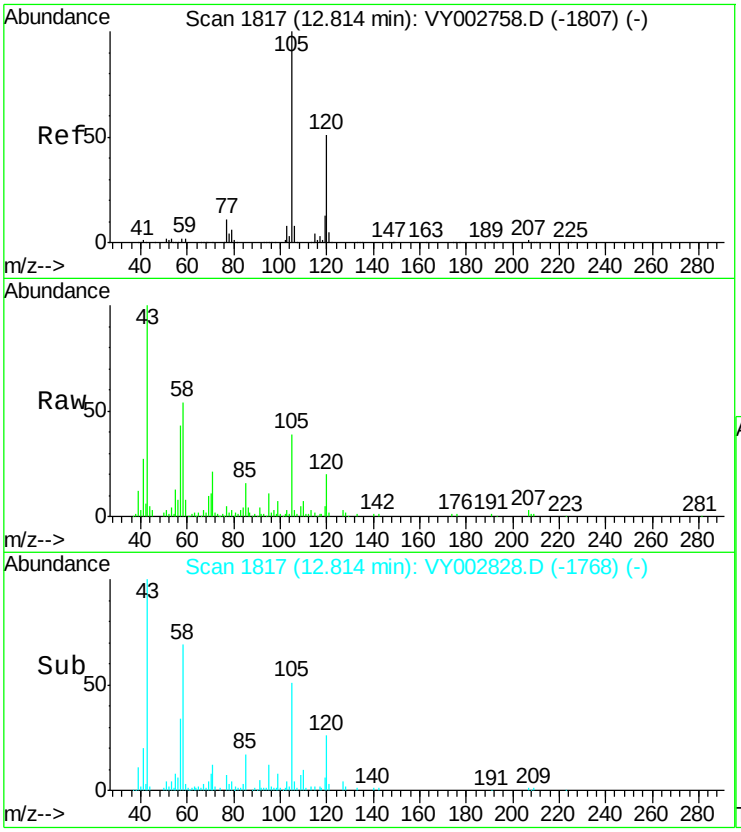


#78
n-propylbenzene
Concen: 1.493 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Tgt Ion: 91 Resp: 16808

Ion	Ratio	Lower	Upper
91	100		
120	22.5	12.3	36.9



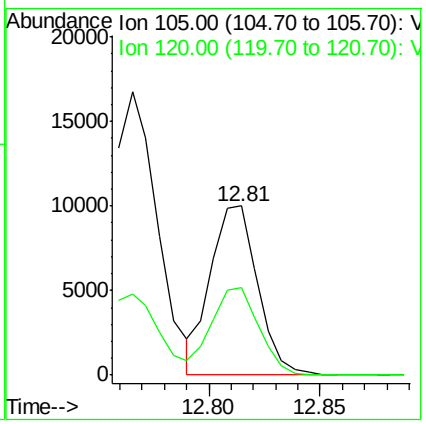


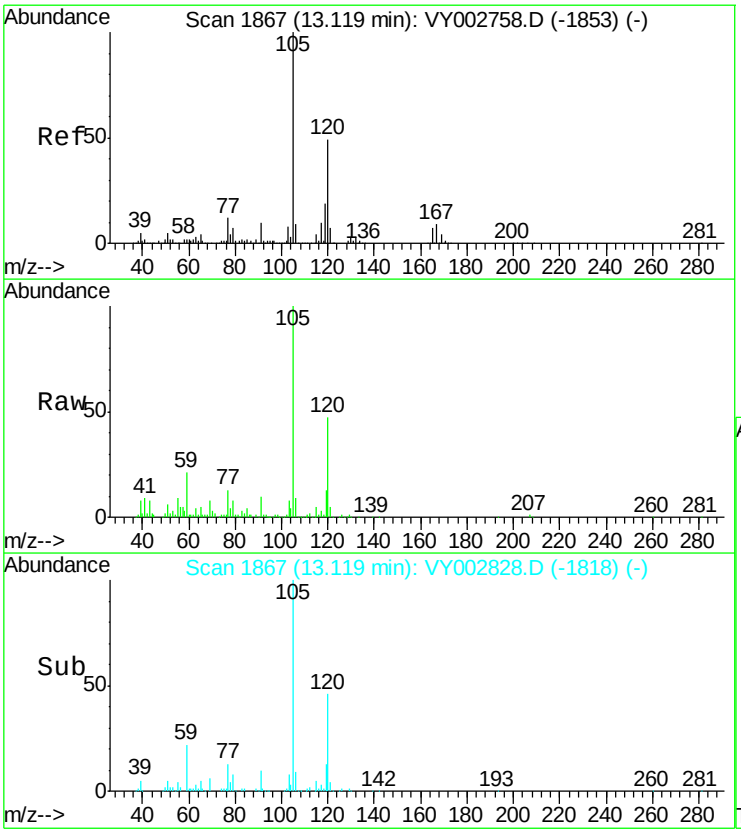
#80
1,3,5-Trimethylbenzene
Concen: 1.806 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :
209-213

Tgt Ion:105 Resp: 14696

Ion	Ratio	Lower	Upper
105	100		
120	52.2	25.3	75.8

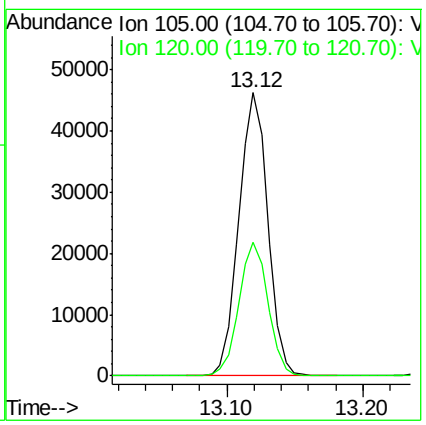


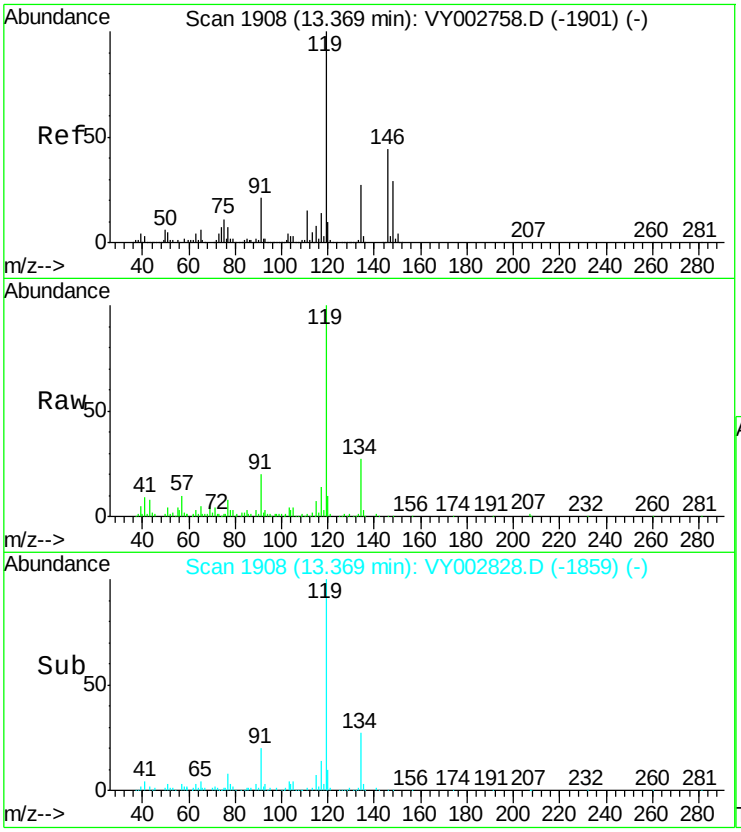


#84
1,2,4-Trimethylbenzene
Concen: 8.391 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Tgt Ion:105 Resp: 68652

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8



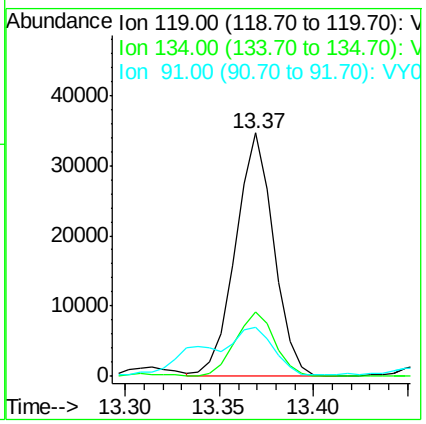


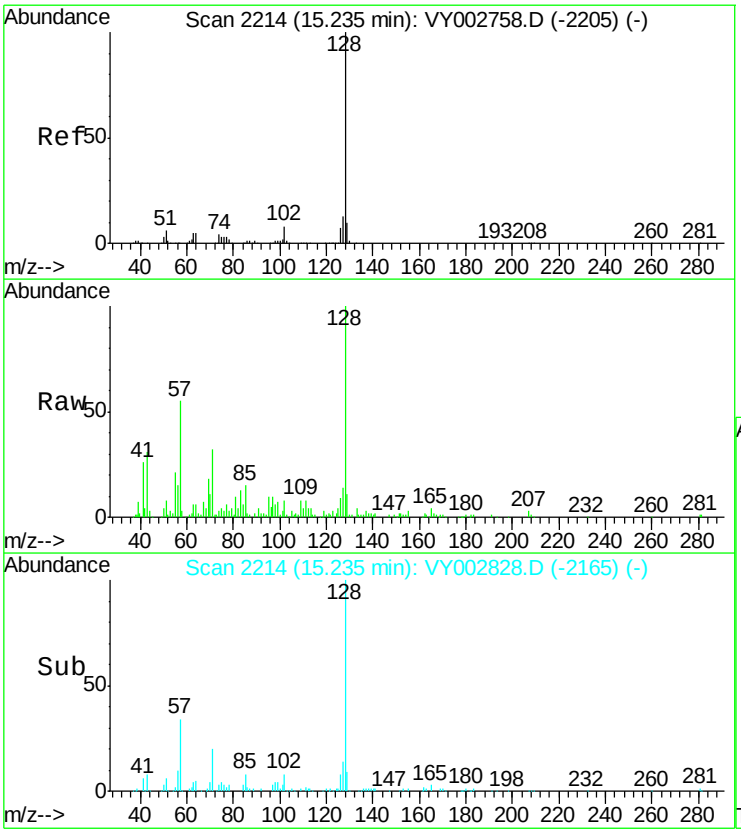
#86
p-Isopropyltoluene
Concen: 5.267 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :
209-213

Tgt Ion:119 Resp: 48637

Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.7	41.0
91	20.2	10.8	32.4





#95
Naphthalene
Concen: 5.677 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002828.D
Acq: 03 Jun 2020 13:17

Tgt Ion:128 Resp: 37402

Ion	Ratio	Lower	Upper
128	100		
127	20.0	10.3	15.5#
129	11.6	8.7	13.1