Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101519\
Data File : VY000318.D
Acq On : 15 Oct 2019 15:48
Operator : SY/MD
Sample : K5392-02
Misc : 4.85G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-22A-S2

Quant Time: Oct 15 17:40:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	296345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	494142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	171515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	166009	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.22%			
35) Dibromofluoromethane	7.73	113	144193	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.76%			
50) Toluene-d8	10.18	98	571840	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.74%			
62) 4-Bromofluorobenzene	12.48	95	180176	41.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.15	85	23	Below Cal	#	41
10) Methyl Iodide	4.11	142	139	1.217 ug/l	#	41
11) Tert butyl alcohol	4.97	59	1204	3.680 ug/l	#	73
16) Acetone	3.96	43	12010	11.864 ug/l		97
20) Methylene Chloride	4.71	84	3101	Below Cal	#	83
31) Cyclohexane	7.80	56	6697	1.120 ug/l	#	1
36) 1,1-Dichloropropene	7.80	75	23379	4.832 ug/l	#	48
38) Carbon Tetrachloride	7.80	117	29355	6.267 ug/l	#	17
76) 1,2,3-Trichloropropane	12.48	75	93835	44.492 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93835	97.346 ug/l	#	14
84) 1,2,4-Trimethylbenzene	13.12	105	16371	1.479 ug/l		94
95) Naphthalene	15.23	128	12391	1.503 ug/l	#	87

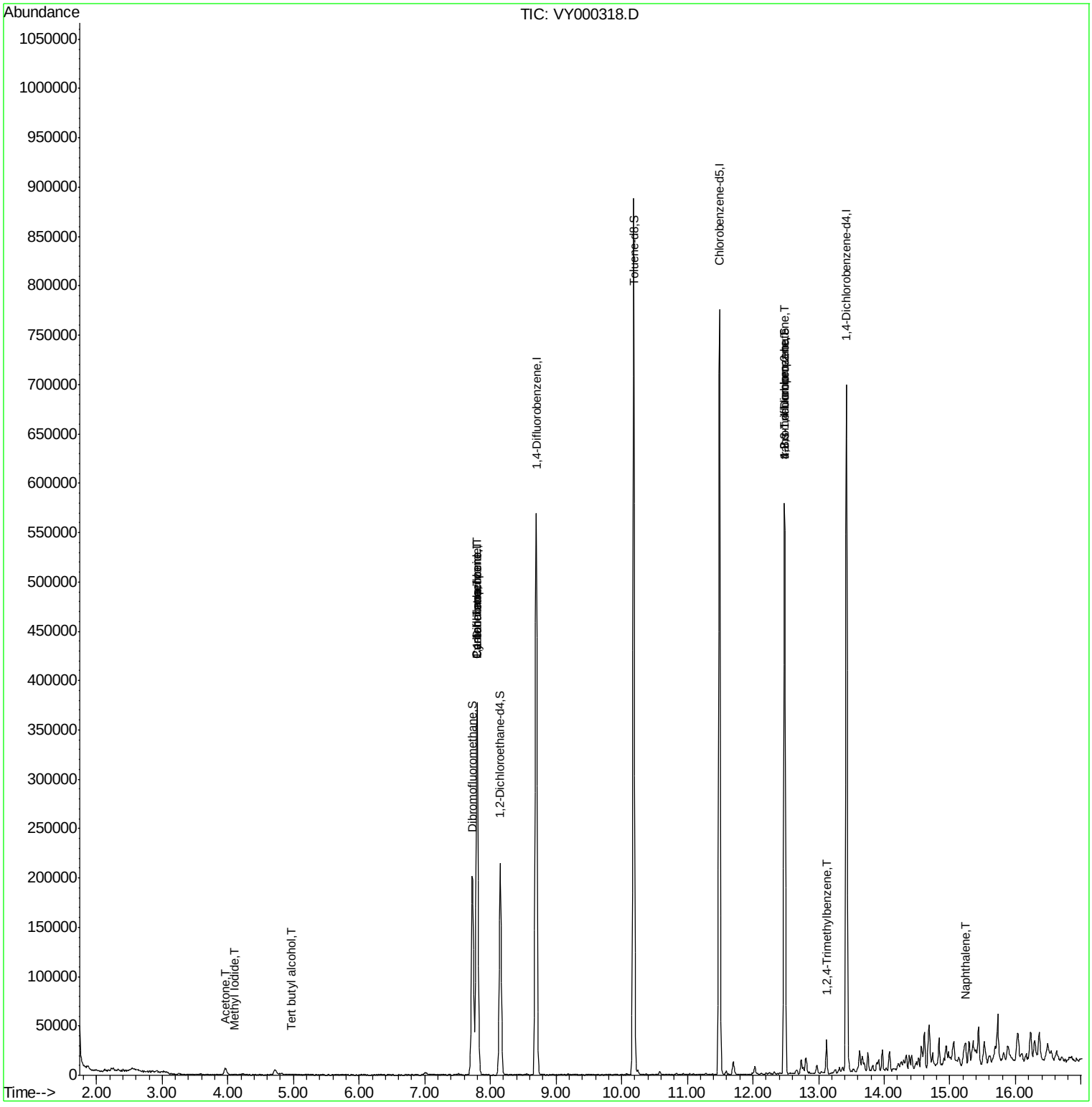
(#) = qualifier out of range (m) = manual integration (+) = signals summed

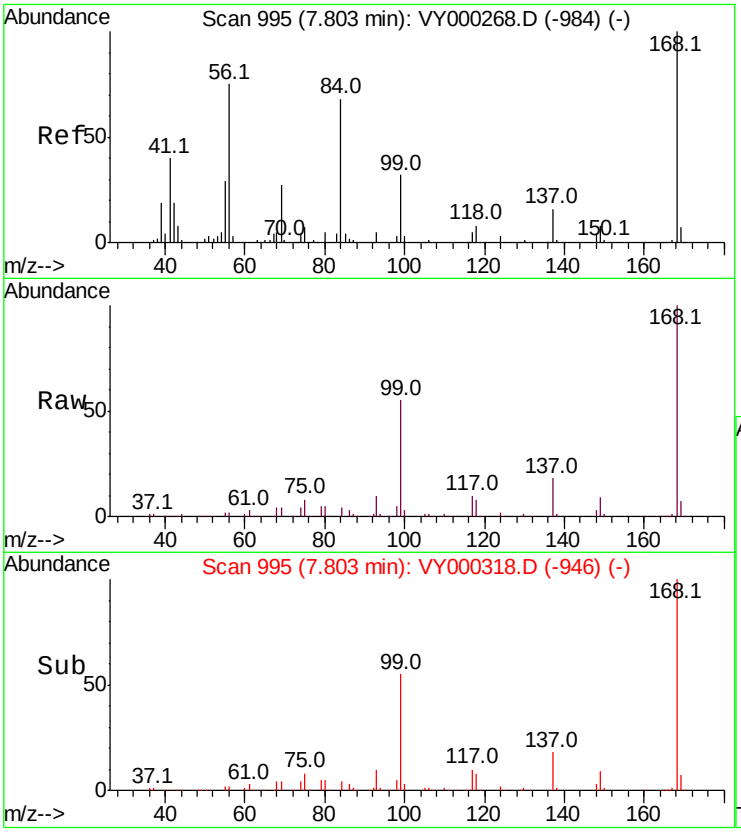
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101519\
Data File : VY000318.D
Acq On : 15 Oct 2019 15:48
Operator : SY/MD
Sample : K5392-02
Misc : 4.85G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-22A-S2

Quant Time: Oct 15 17:40:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration



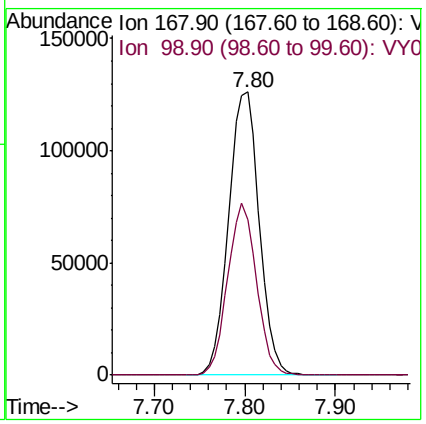


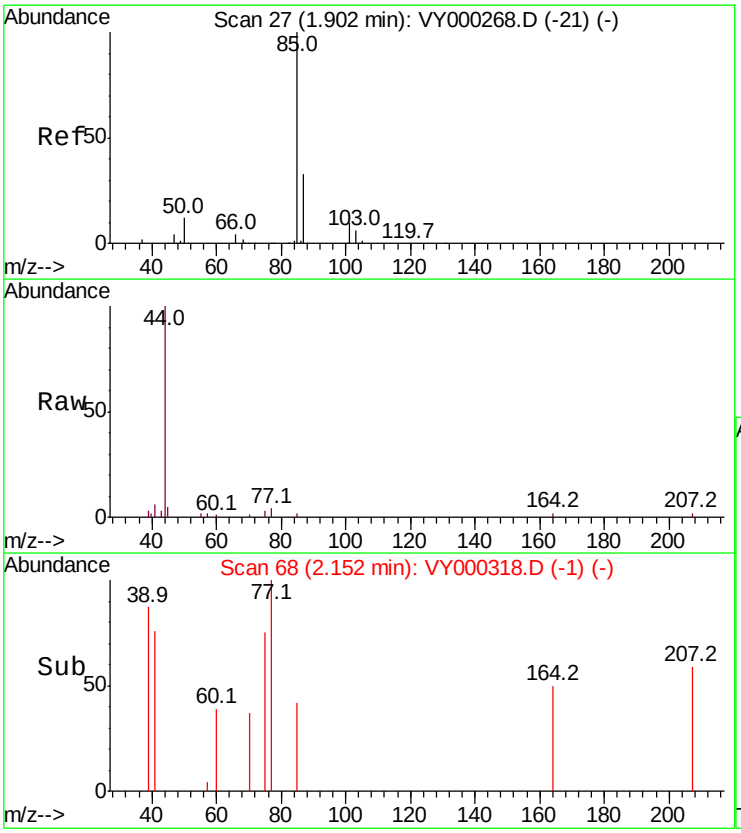
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-22A-S2

Tgt Ion:168 Resp: 296345

Ion	Ratio	Lower	Upper
168	100		
99	54.8	46.6	69.8

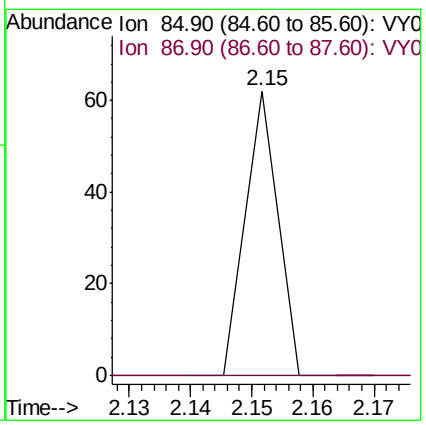


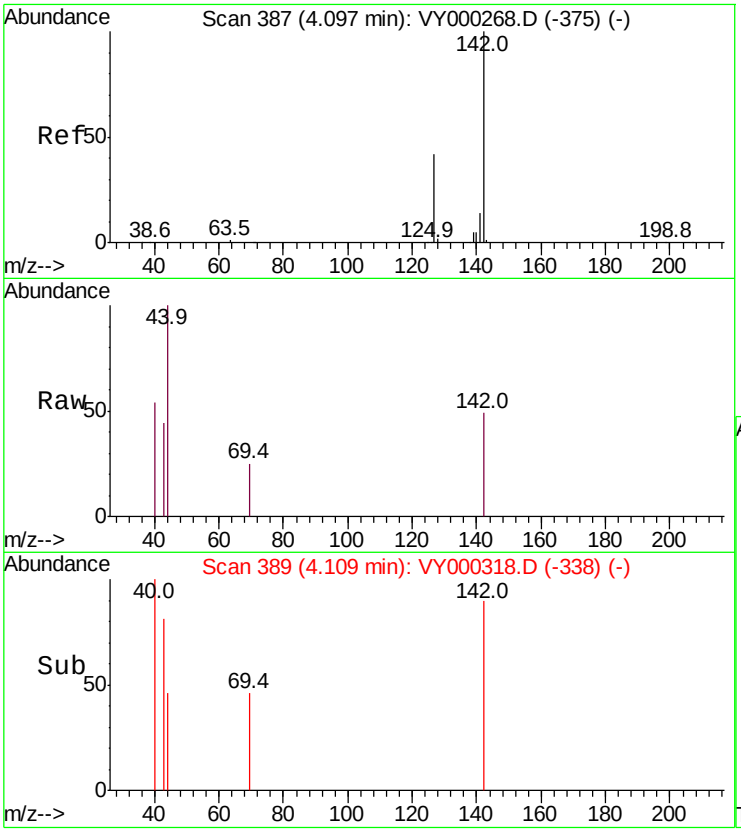


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.15 min Scan# 68
Delta R.T. 0.25 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Tgt Ion: 85 Resp: 23

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



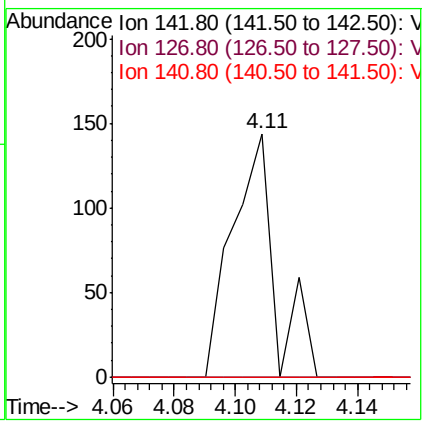


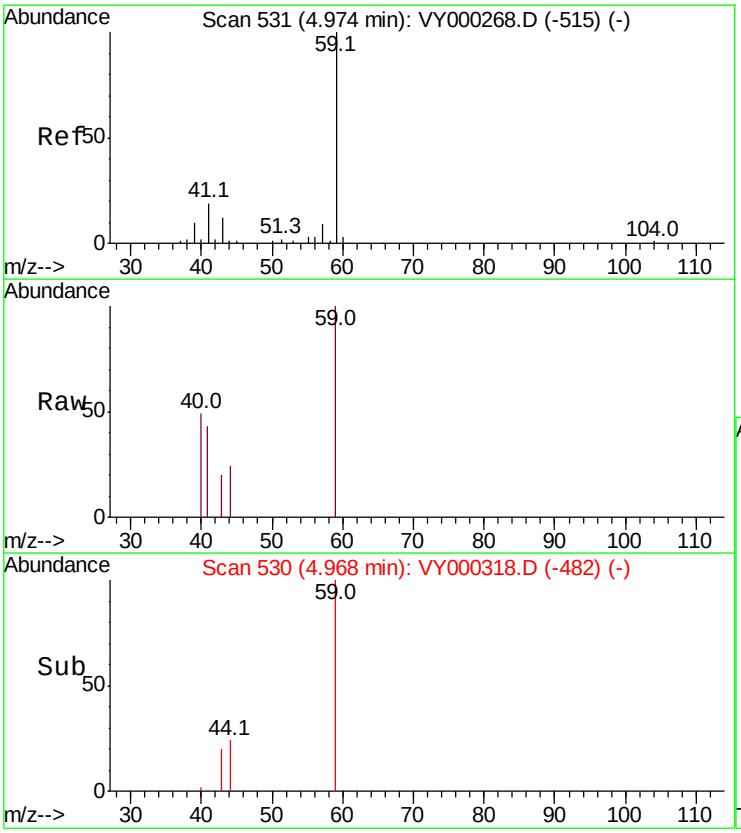
#10
Methyl Iodide
Concen: 1.217 ug/l
RT: 4.11 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-22A-S2

Tgt Ion:142 Resp: 139

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.9	50.9#
141	0.0	11.2	16.8#

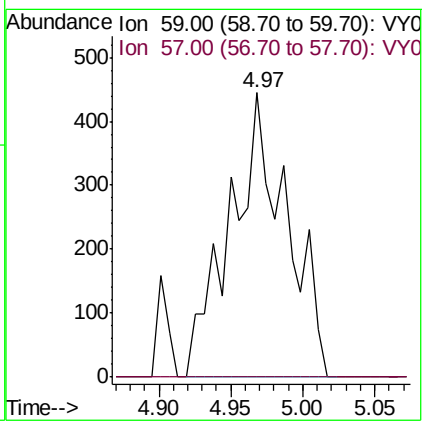


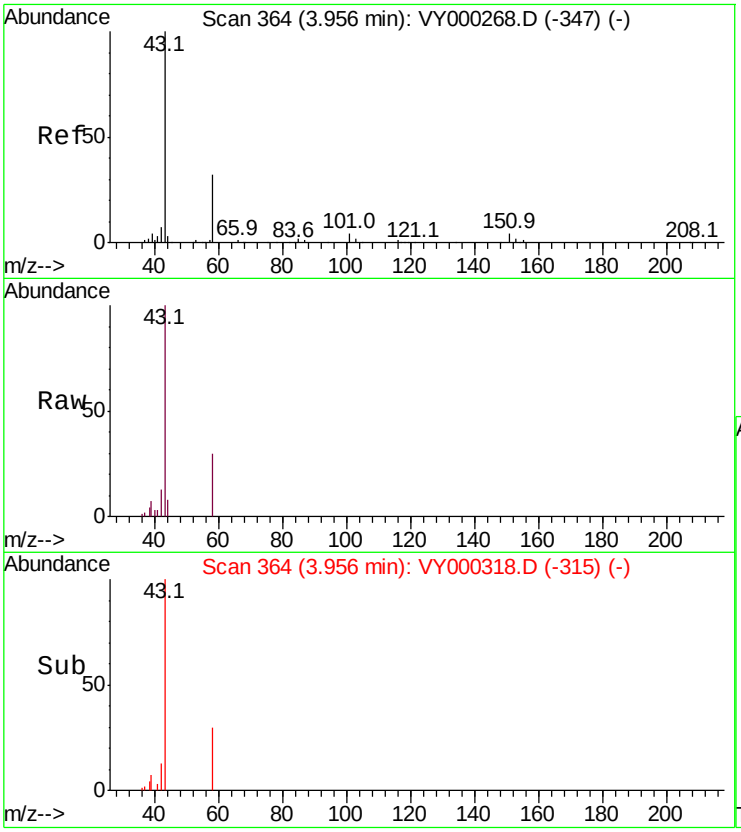


#11
Tert butyl alcohol
Concen: 3.680 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Tgt Ion: 59 Resp: 1204

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



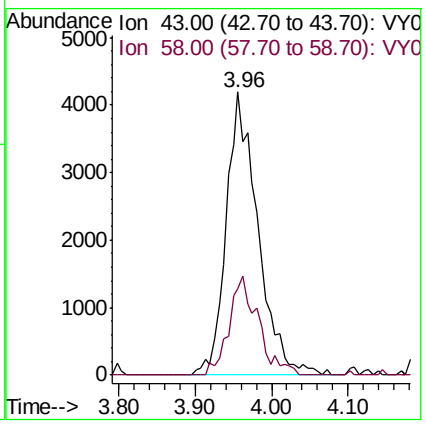


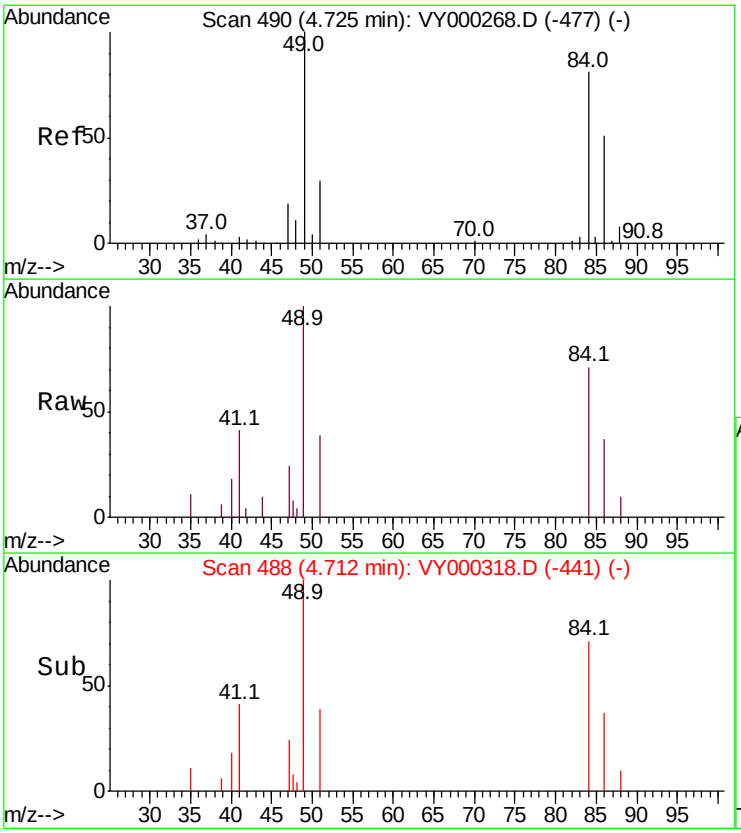
#16
Acetone
Concen: 11.864 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-22A-S2

Tgt Ion: 43 Resp: 12010

Ion	Ratio	Lower	Upper
43	100		
58	30.3	25.8	38.6

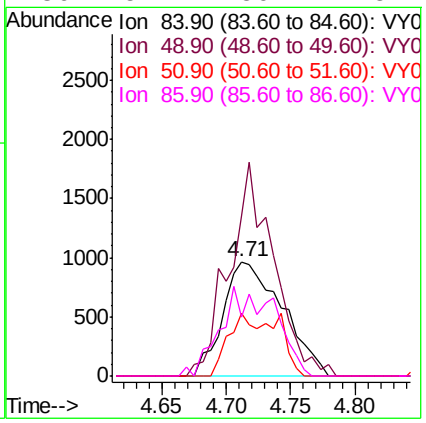


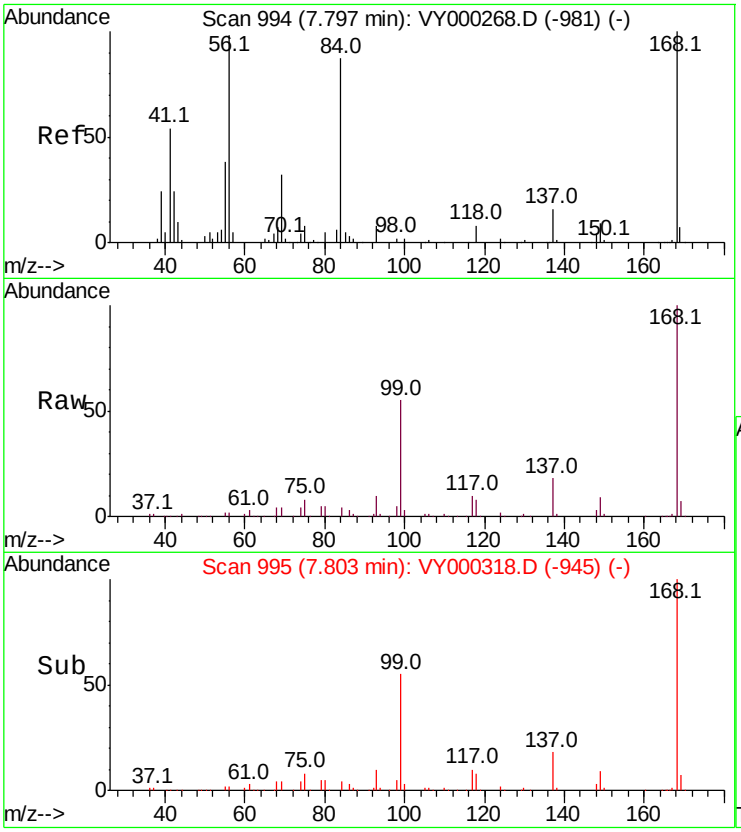


#20
Methylene Chloride
Concen: Below Cal
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Tgt Ion: 84 Resp: 3101

Ion	Ratio	Lower	Upper
84	100		
49	140.2	99.0	148.4
51	54.9	29.3	43.9#
86	52.1	50.2	75.4



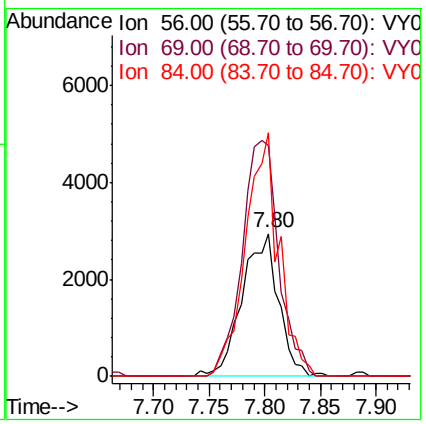


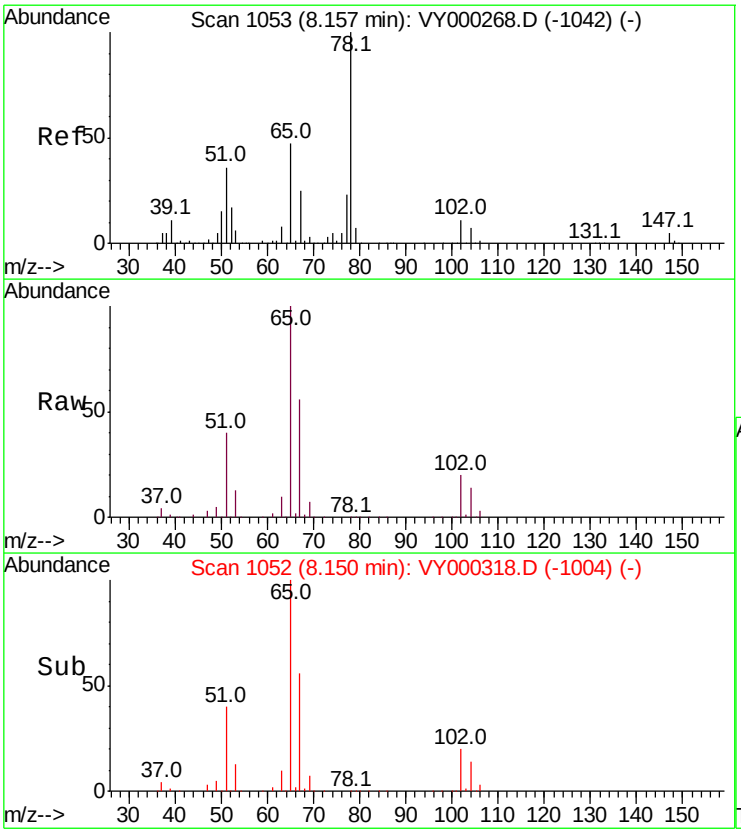
#31
Cyclohexane
Concen: 1.120 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Instrument : MSVOA_Y
ClientSampleId : TP-22A-S2

Tgt Ion: 56 Resp: 6697

Ion	Ratio	Lower	Upper
56	100		
69	162.1	26.3	39.5#
84	170.5	70.8	106.2#

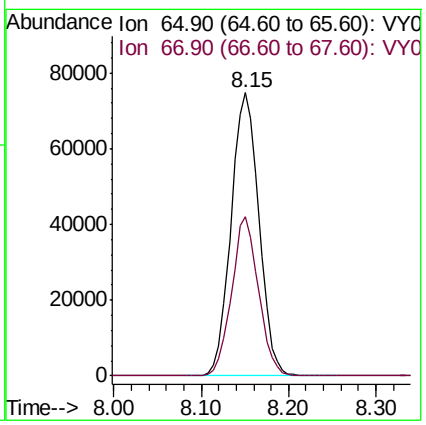


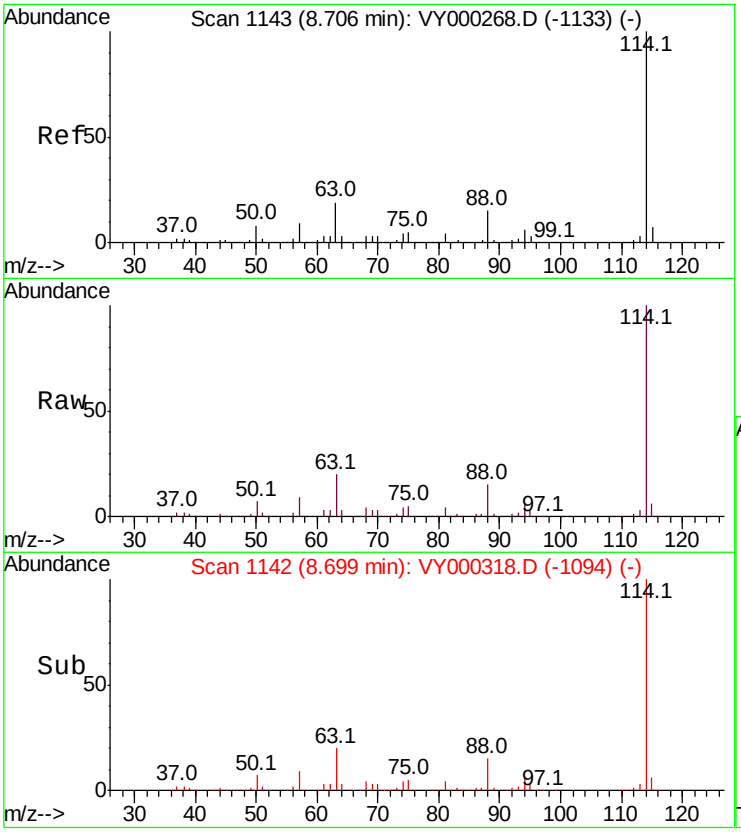


#33
1,2-Dichloroethane-d4
Concen: 53.106 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Tgt Ion: 65 Resp: 166009

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.4



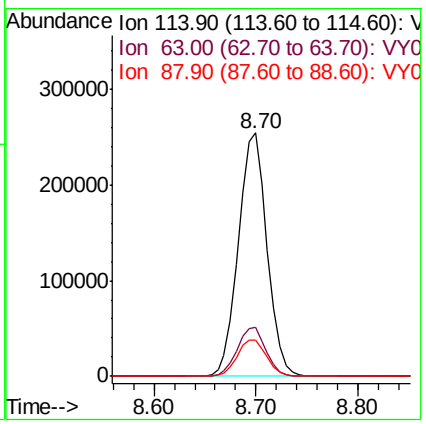


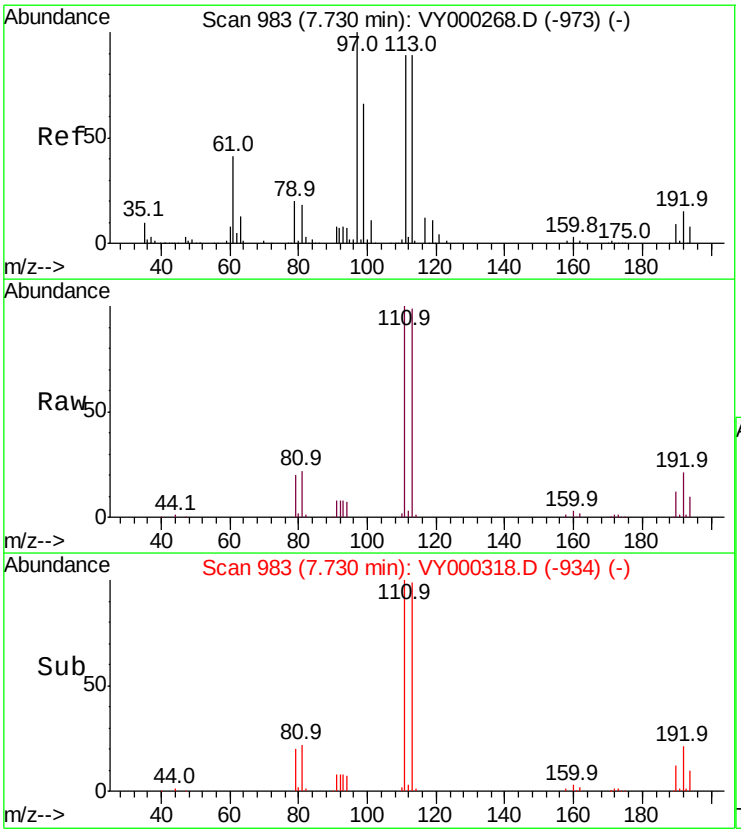
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-22A-S2

Tgt Ion:114 Resp: 494142

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	37.2
88	15.1	0.0	30.2

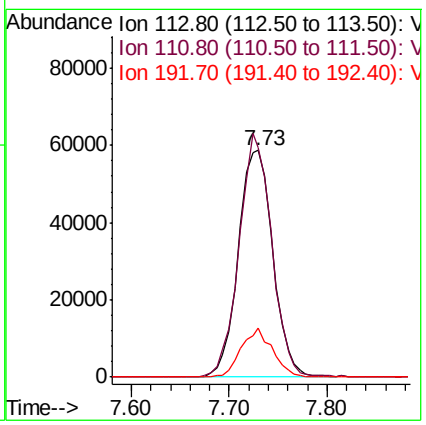


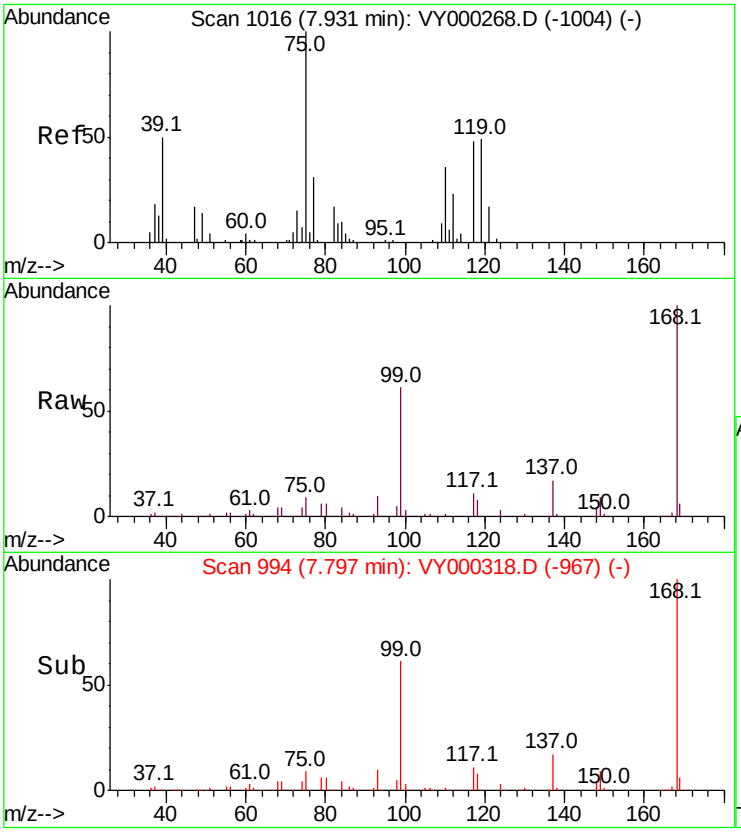


#35
Dibromofluoromethane
Concen: 48.375 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Tgt Ion:113 Resp: 144193

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.6	122.4
192	19.3	15.3	22.9



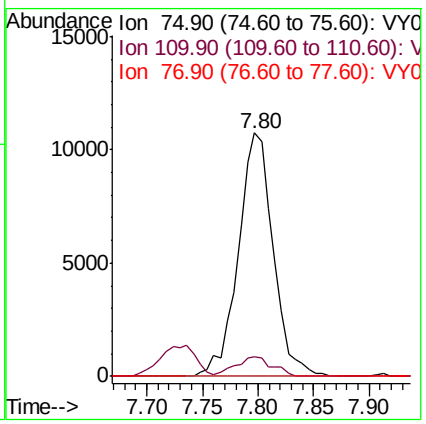


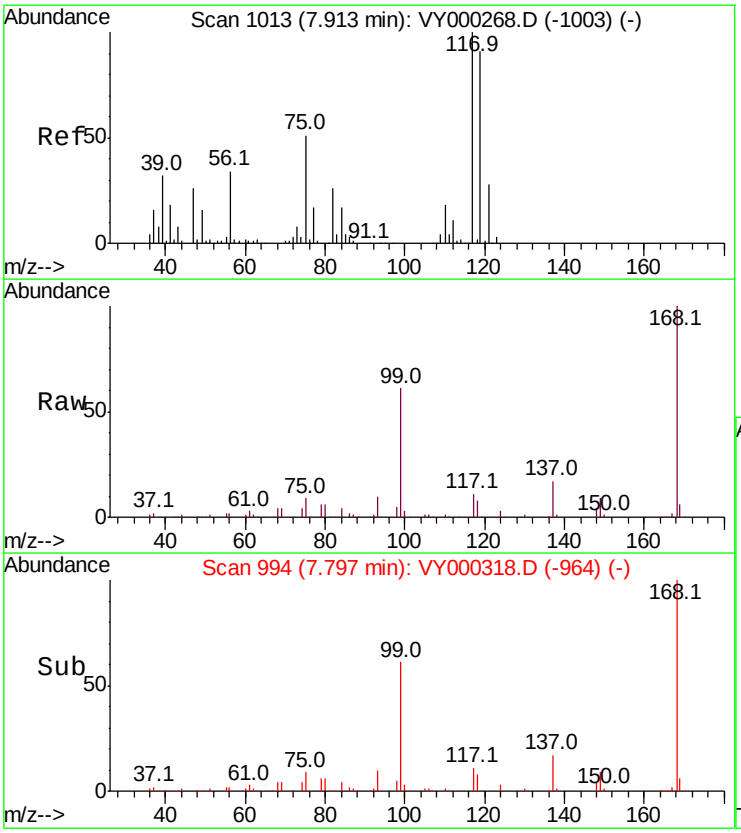
#36
1,1-Dichloropropene
Concen: 4.832 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-22A-S2

Tgt Ion: 75 Resp: 23379

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.4	55.4#
77	0.0	25.0	37.6#

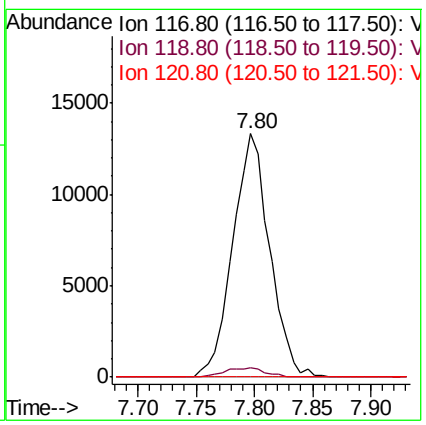


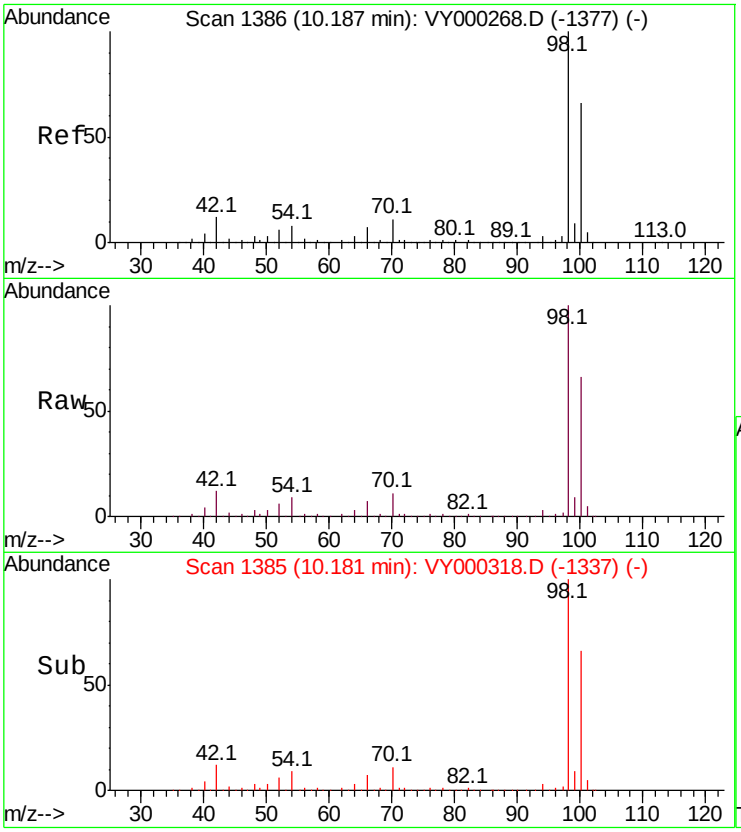


#38
Carbon Tetrachloride
Concen: 6.267 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Tgt Ion:117 Resp: 29355

Ion	Ratio	Lower	Upper
117	100		
119	3.8	72.8	109.2#
121	0.0	22.2	33.2#



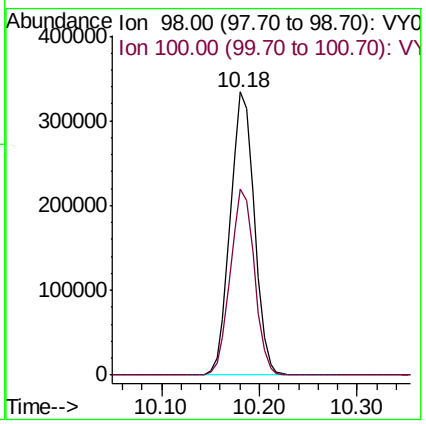


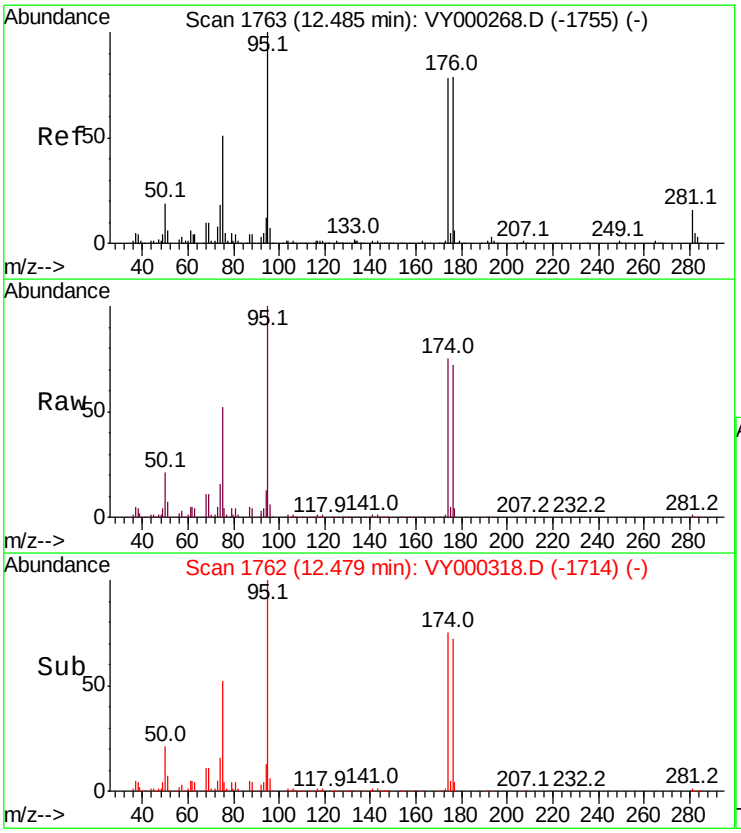
#50
Toluene-d8
Concen: 49.873 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Instrument : MSVOA_Y
ClientSampleId : TP-22A-S2

Tgt Ion: 98 Resp: 571840

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.8	79.2

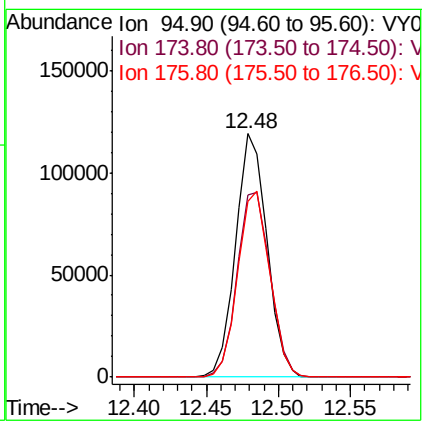


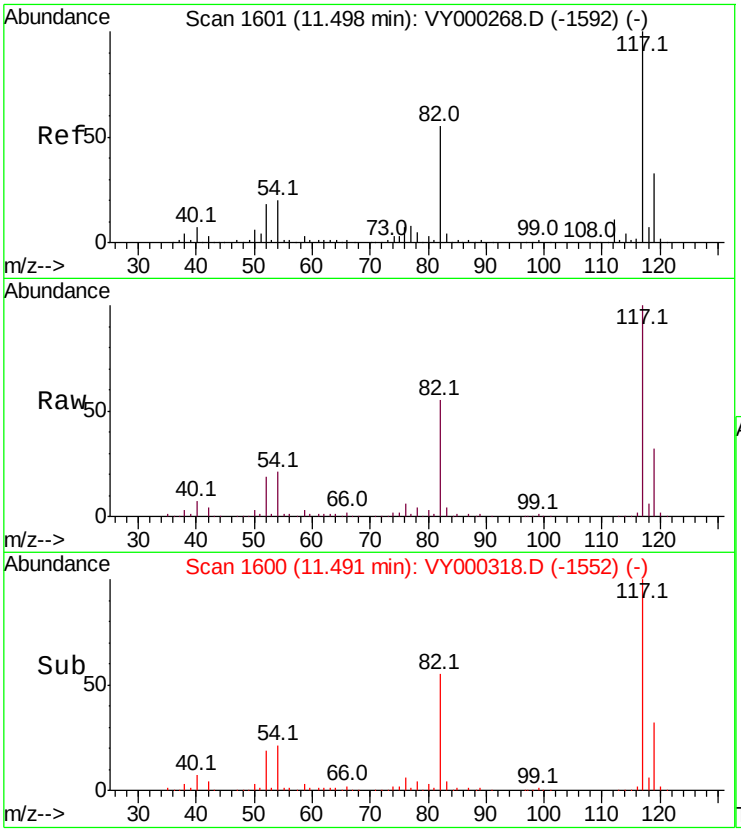


#62
4-Bromofluorobenzene
Concen: 41.362 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Tgt Ion: 95 Resp: 180176

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	159.6
176	78.0	0.0	153.8



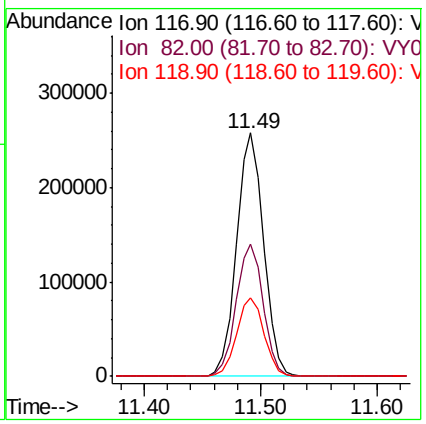


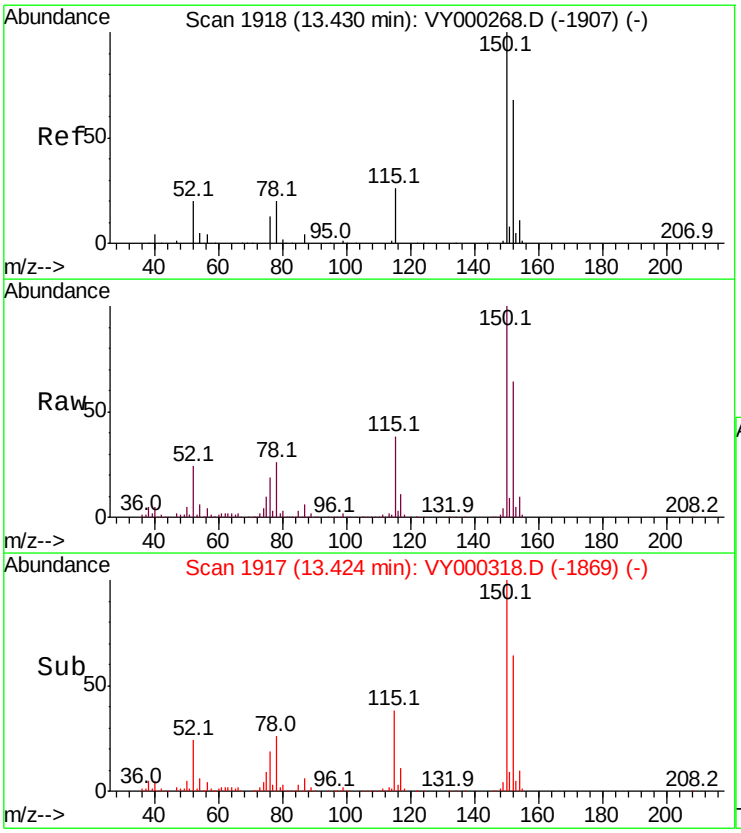
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Instrument : MSVOA_Y
ClientSampleId : TP-22A-S2

Tgt Ion:117 Resp: 417317

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.7	65.5
119	32.1	26.6	39.8

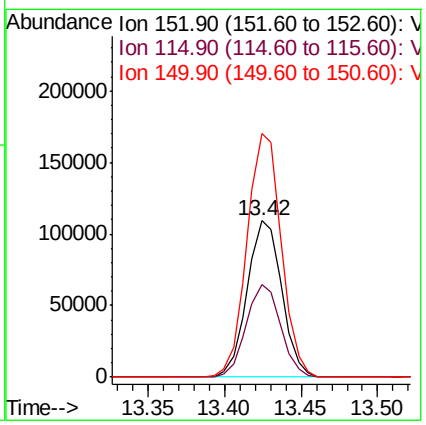


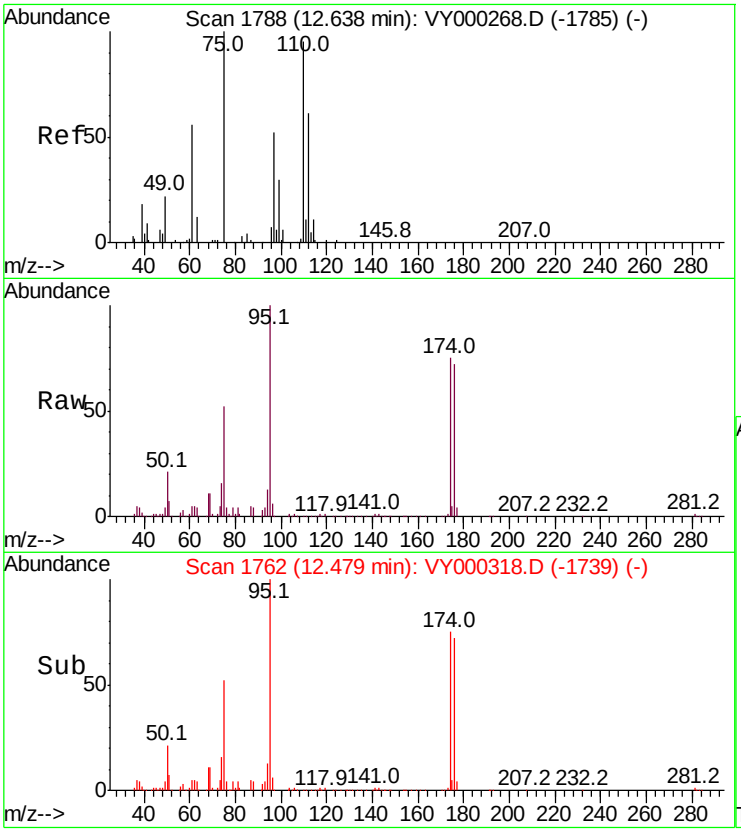


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Tgt Ion:152 Resp: 171515

Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.3	88.0
150	154.5	0.0	348.4



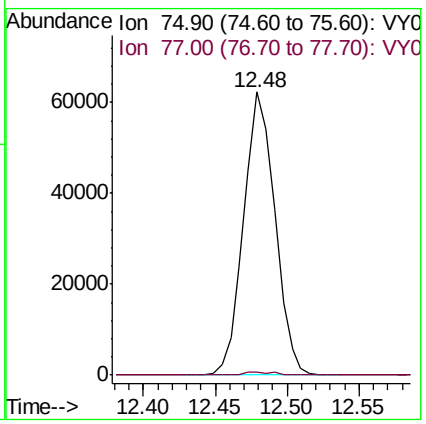


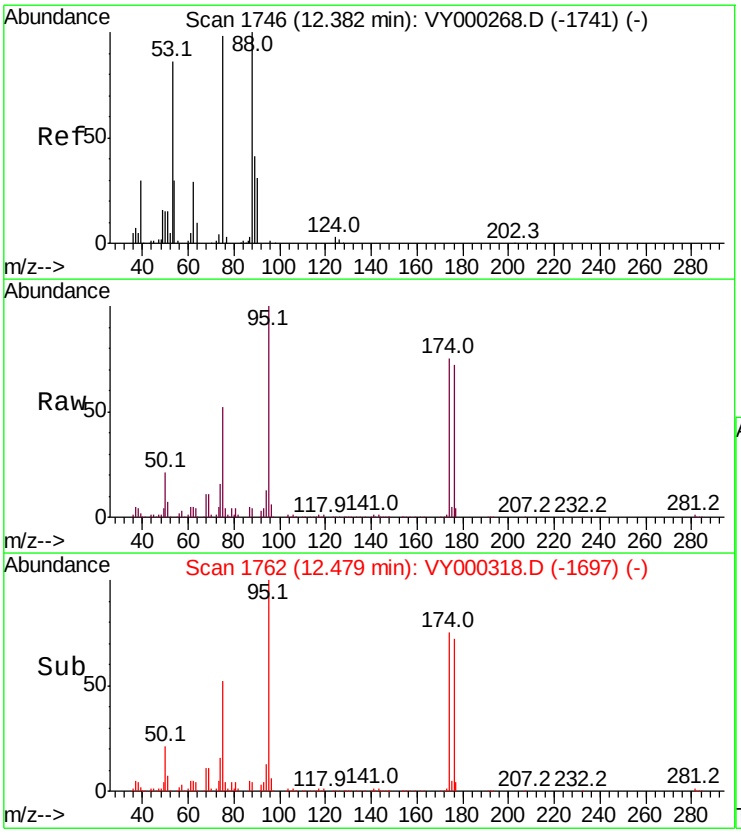
#76
1,2,3-Trichloropropane
Concen: 44.492 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-22A-S2

Tgt Ion: 75 Resp: 93835

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

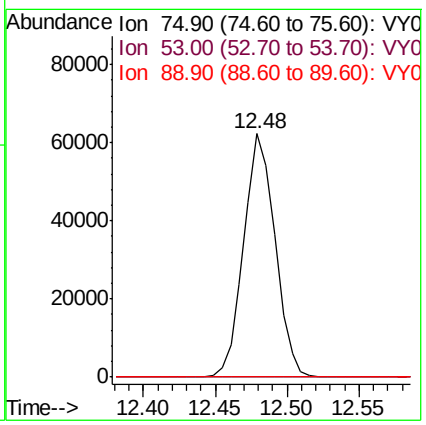


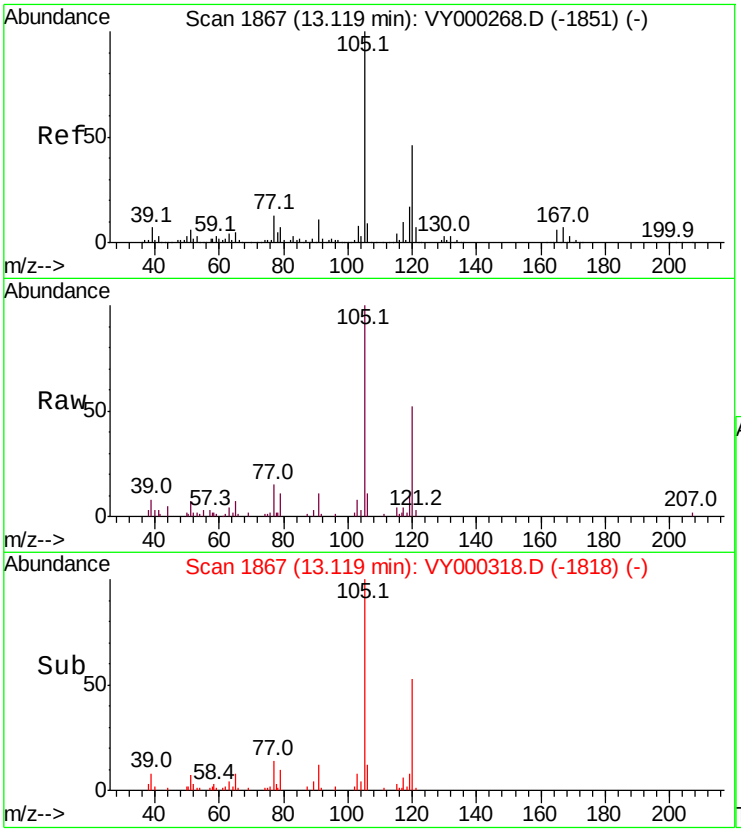


#81
trans-1,4-Dichloro-2-butene
Concen: 97.346 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Tgt Ion: 75 Resp: 93835

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.3	106.9#
89	0.0	35.1	52.7#



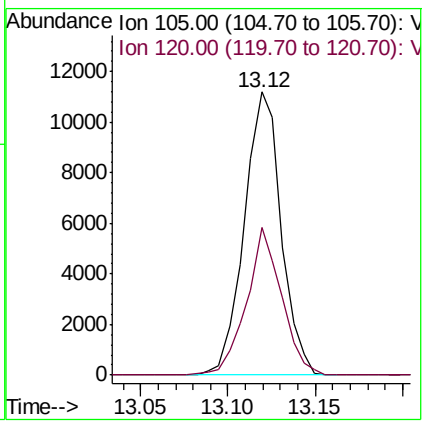


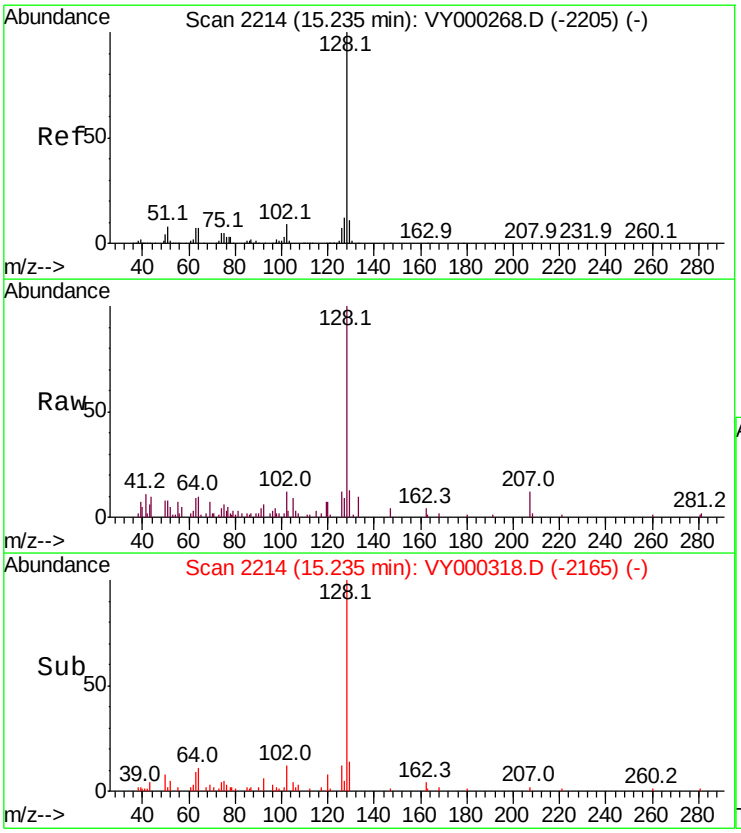
#84
1,2,4-Trimethylbenzene
Concen: 1.479 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-22A-S2

Tgt Ion:105 Resp: 16371

Ion	Ratio	Lower	Upper
105	100		
120	49.6	22.9	68.8





#95
Naphthalene
Concen: 1.503 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Tgt Ion:128 Resp: 12391

Ion	Ratio	Lower	Upper
128	100		
127	16.8	9.6	14.4#
129	15.8	8.7	13.1#