Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
Data File : VY000468.D
Acq On : 29 Oct 2019 12:46
Operator : SY/MD
Sample : K5587-02
Misc : 6.15G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 30 07:18:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	200613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	345329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	305369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	112889	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.70%			
35) Dibromofluoromethane	7.73	113	104180	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.02%			
50) Toluene-d8	10.18	98	398614	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.50%			
62) 4-Bromofluorobenzene	12.48	95	130038	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.44%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.97	59	383	1.729	ug/l #	73
16) Acetone	3.96	43	1025	1.496	ug/l #	74
20) Methylene Chloride	4.74	84	1225	Below Cal	#	63
31) Cyclohexane	7.79	56	4807	1.187	ug/l #	16
36) 1,1-Dichloropropene	7.80	75	15208	4.498	ug/l #	50
38) Carbon Tetrachloride	7.80	117	20033	6.120	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	69954	41.476	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	69954	90.749	ug/l #	14

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

Quantitation Report (Not Reviewed)

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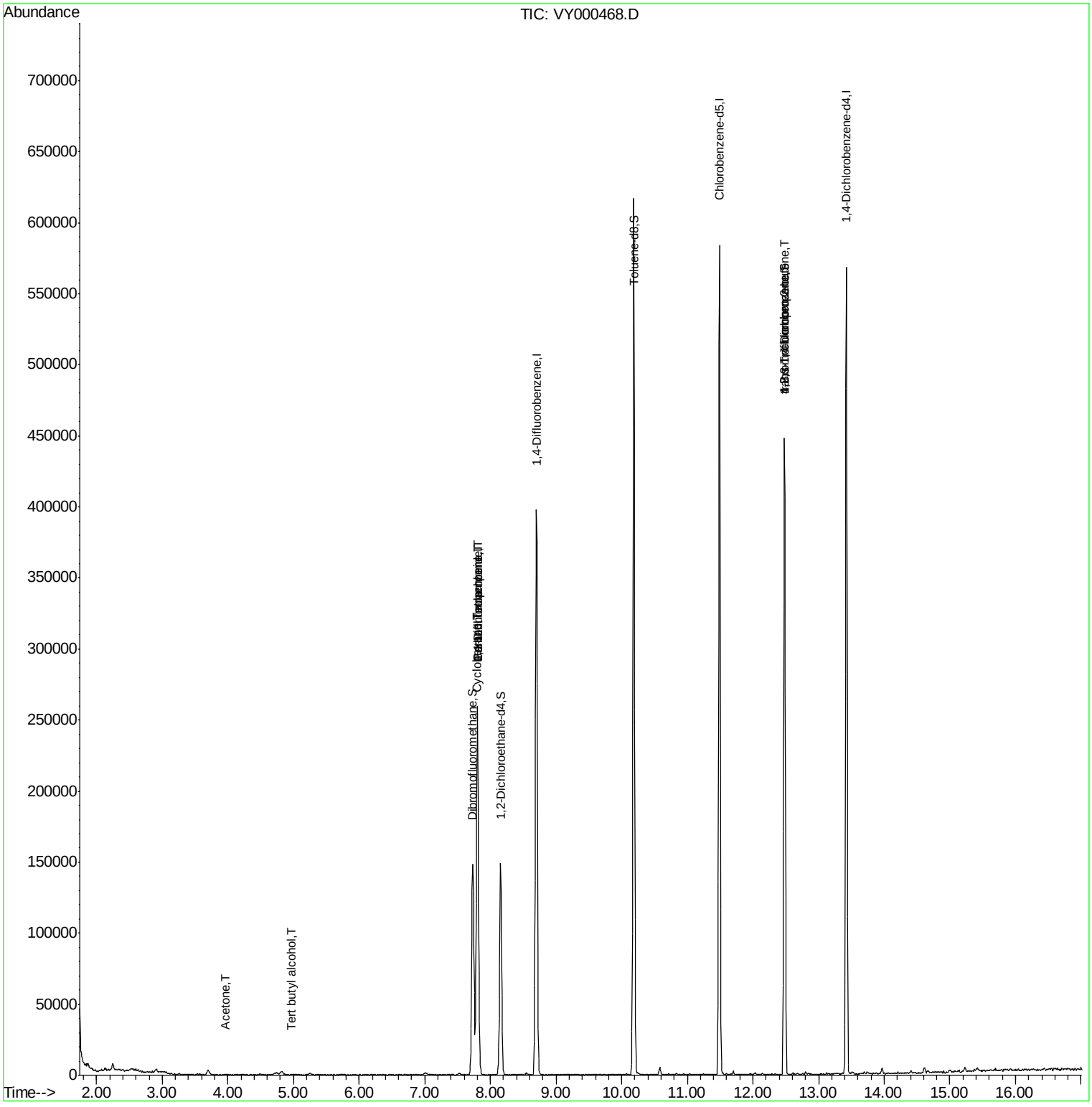
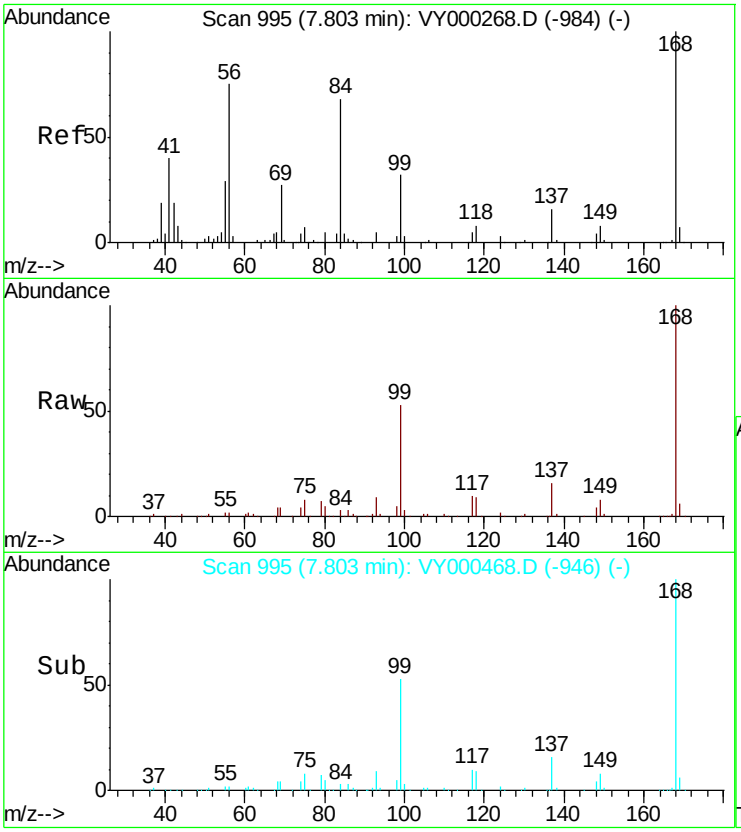


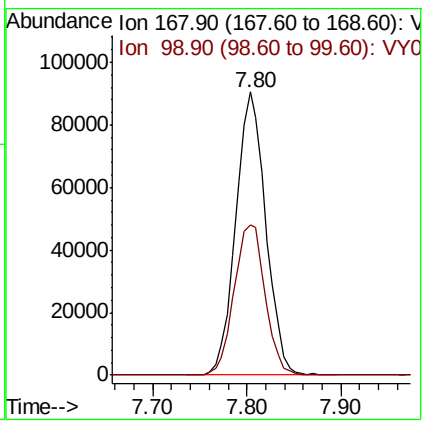


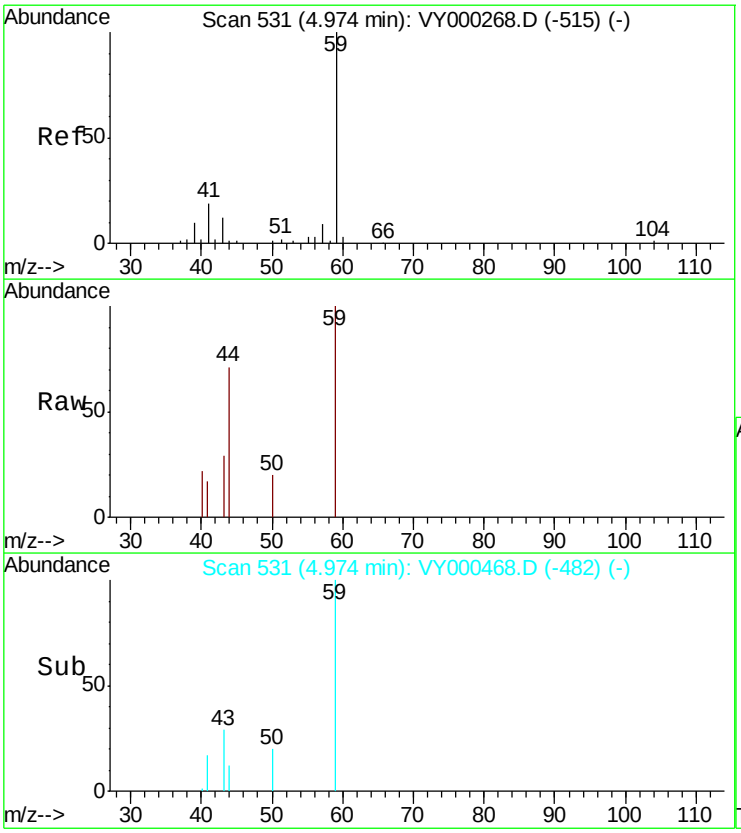
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 200613

Ion	Ratio	Lower	Upper
168	100		
99	53.0	46.6	69.8

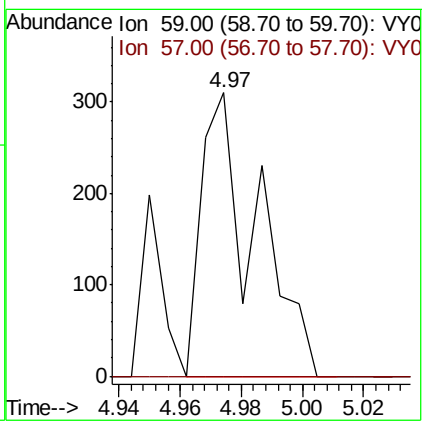


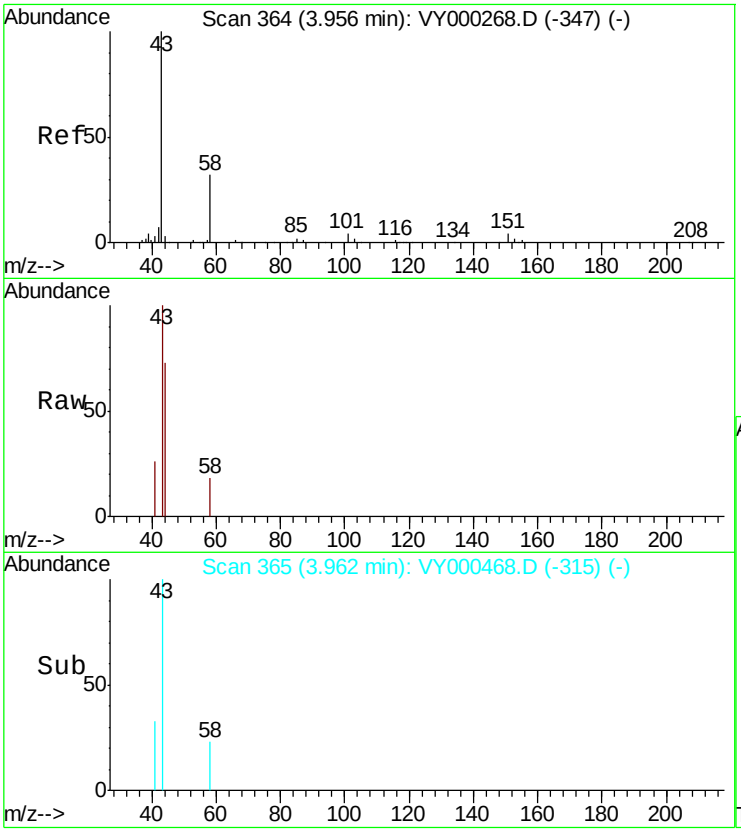


#11
Tert butyl alcohol
Concen: 1.729 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Tgt Ion: 59 Resp: 383

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



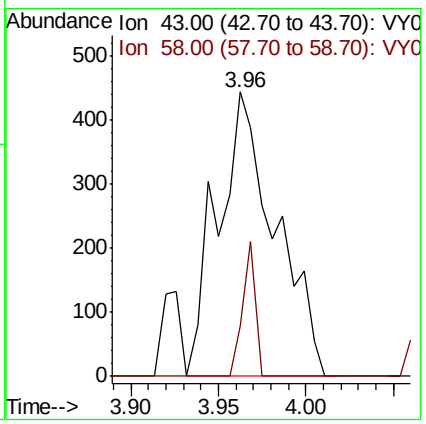


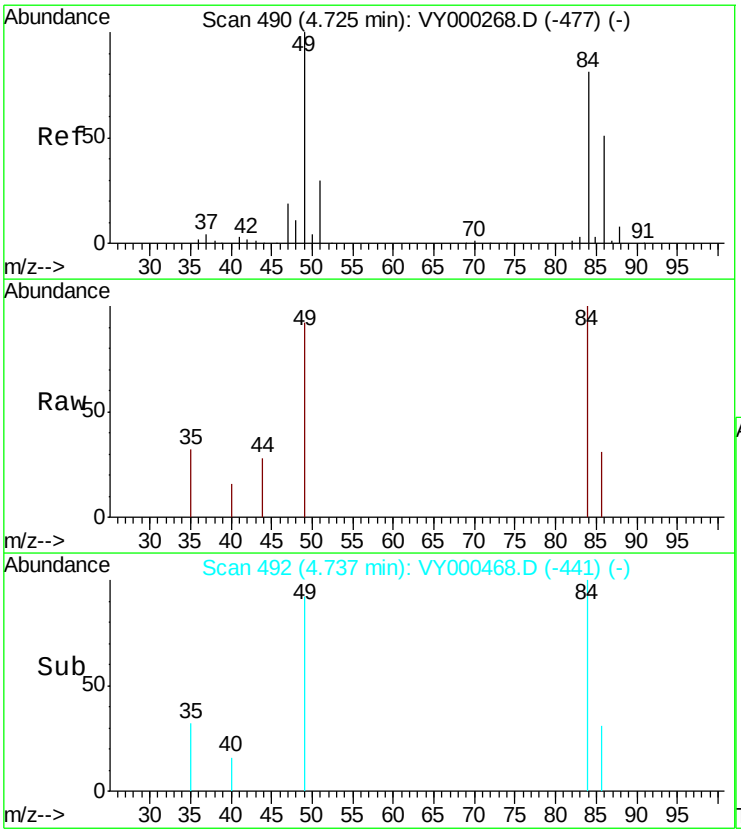
#16
Acetone
Concen: 1.496 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1025

Ion	Ratio	Lower	Upper
43	100		
58	17.6	25.8	38.6#

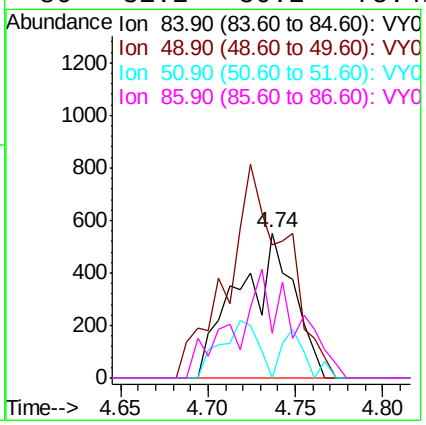


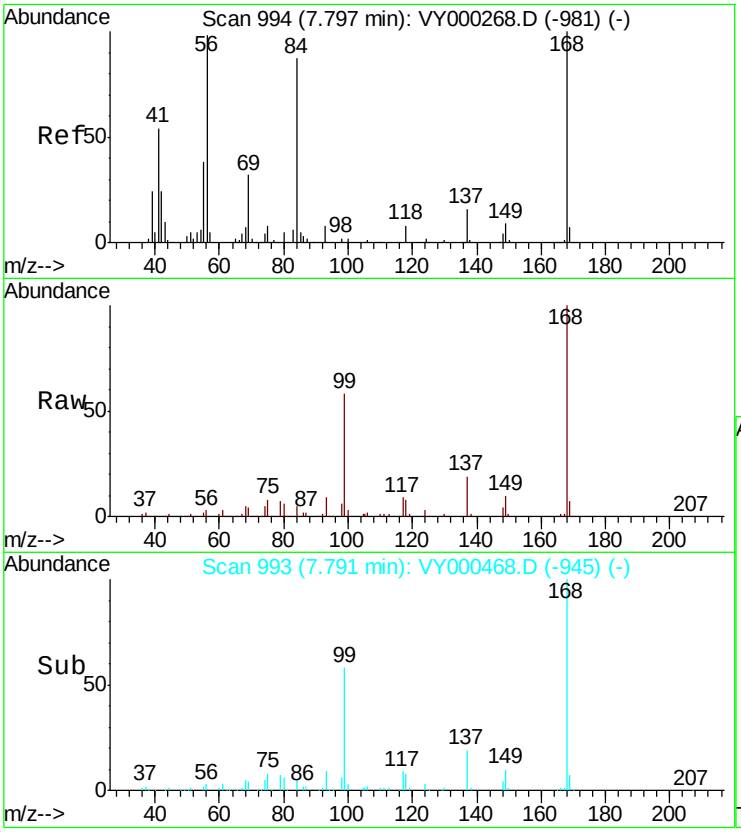


#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 492
Delta R.T. 0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Tgt Ion: 84 Resp: 1225

Ion	Ratio	Lower	Upper
84	100		
49	92.0	99.0	148.4#
51	0.0	29.3	43.9#
86	31.2	50.2	75.4#



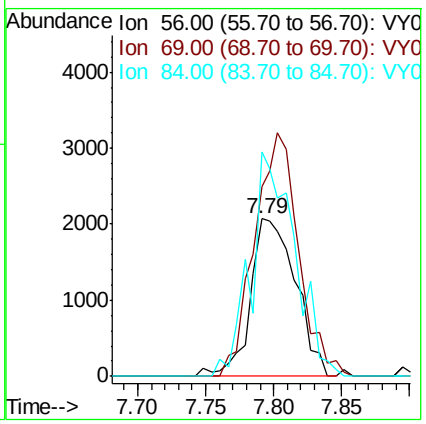


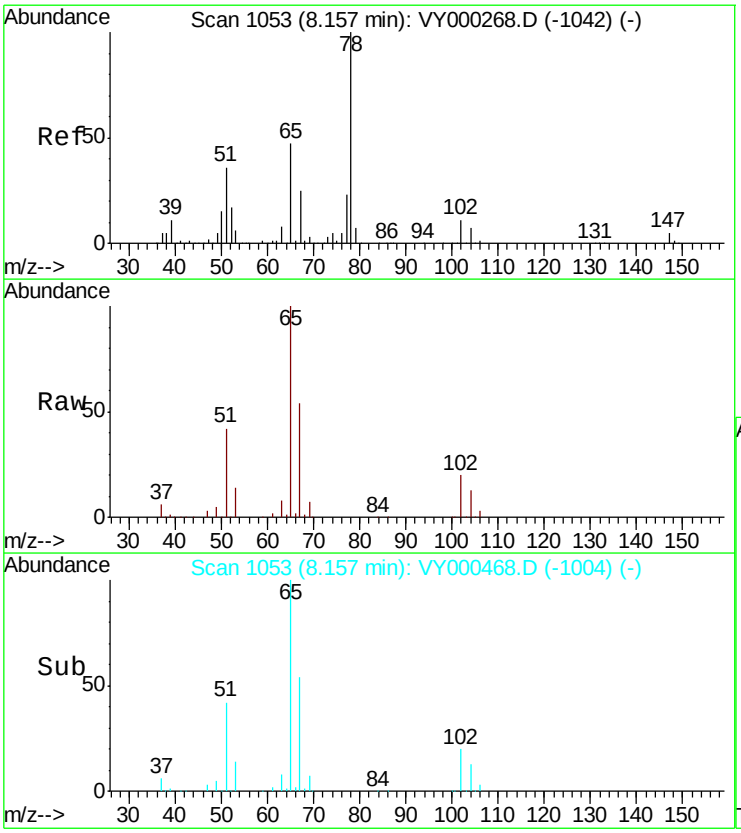
#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 4807

Ion	Ratio	Lower	Upper
56	100		
69	121.0	26.3	39.5#
84	142.3	70.8	106.2#

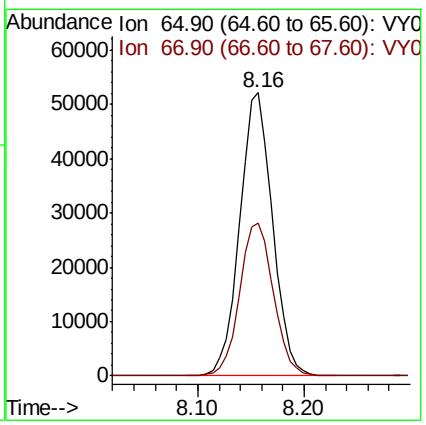


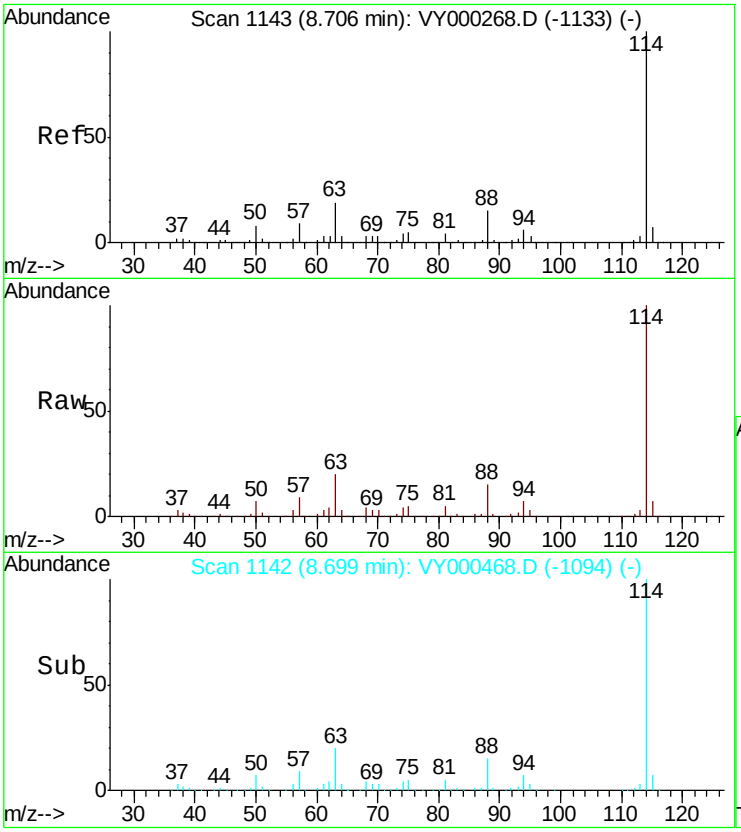


#33
1,2-Dichloroethane-d4
Concen: 53.346 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Tgt Ion: 65 Resp: 112889

Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	109.4



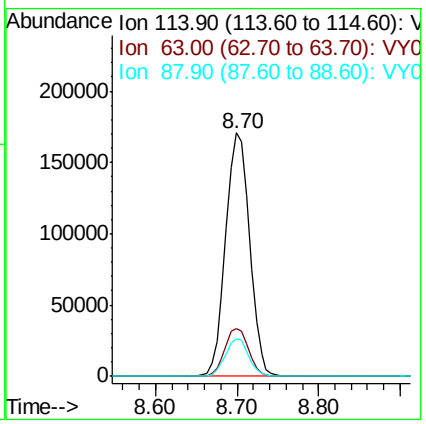


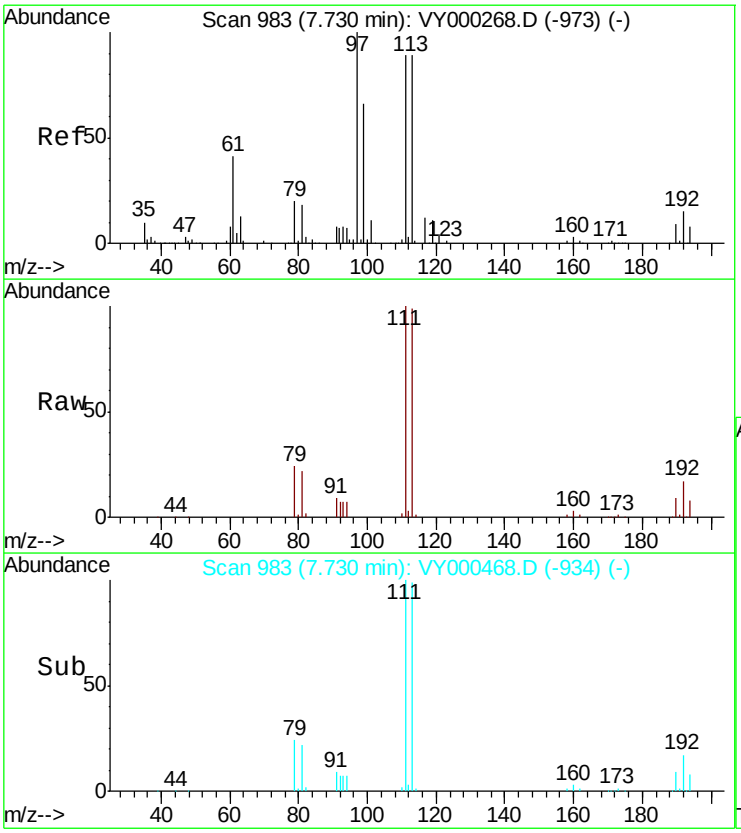
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 345329

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	37.2
88	15.4	0.0	30.2

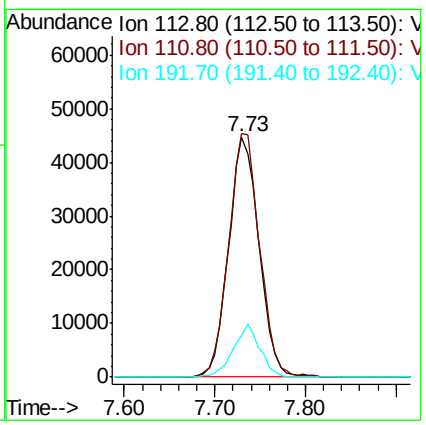


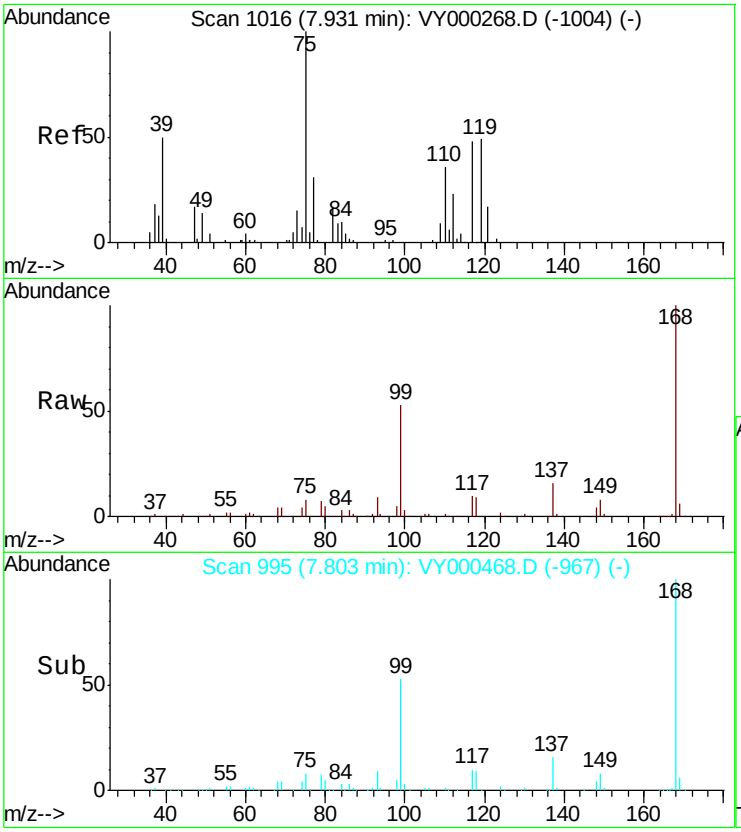


#35
Dibromofluoromethane
Concen: 50.013 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Tgt Ion:113 Resp: 104180

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	19.3	15.3	22.9



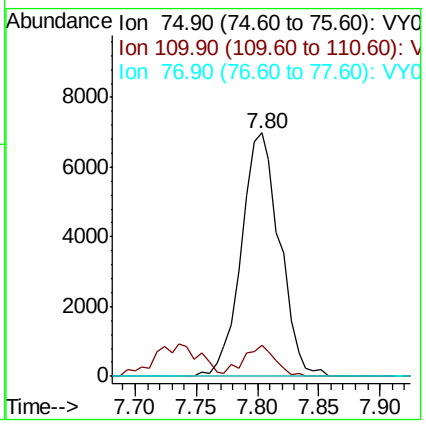


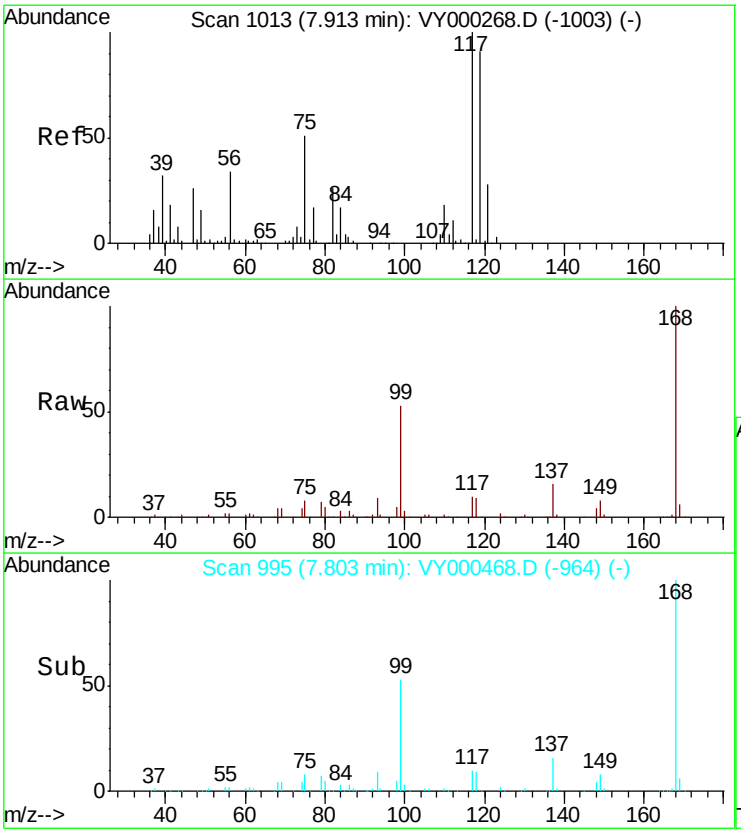
#36
1,1-Dichloropropene
Concen: 4.498 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 15208

Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.4	55.4#
77	0.0	25.0	37.6#

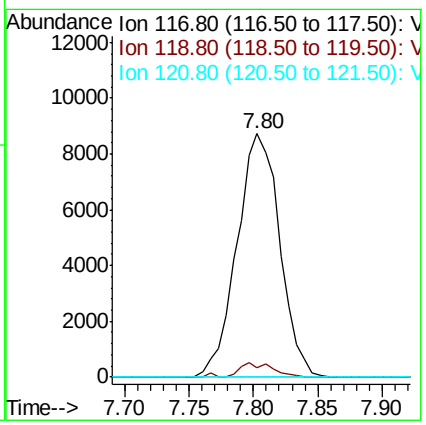


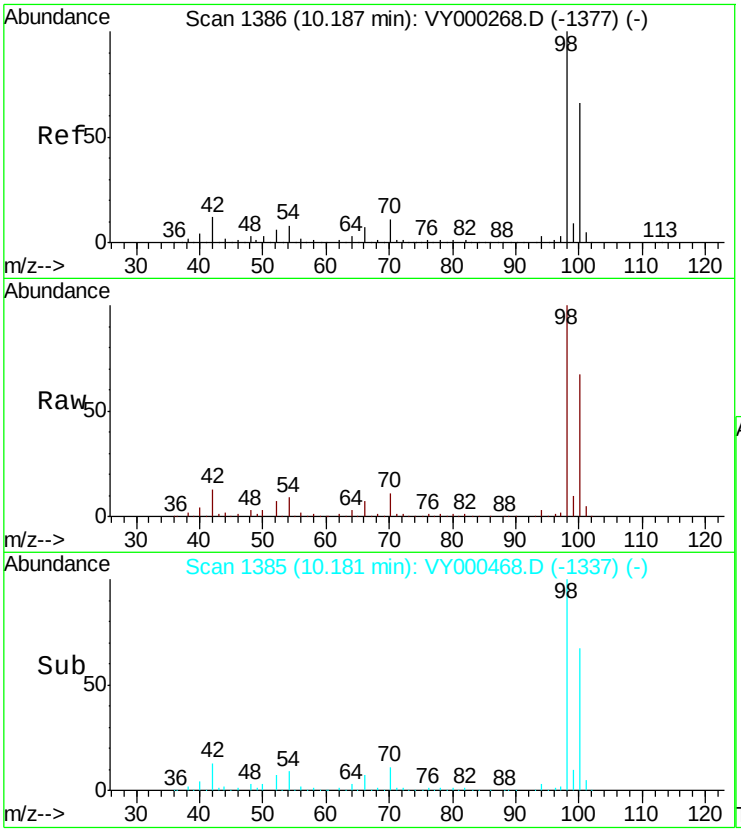


#38
Carbon Tetrachloride
Concen: 6.120 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Tgt Ion:117 Resp: 20033

Ion	Ratio	Lower	Upper
117	100		
119	3.7	72.8	109.2#
121	0.0	22.2	33.2#



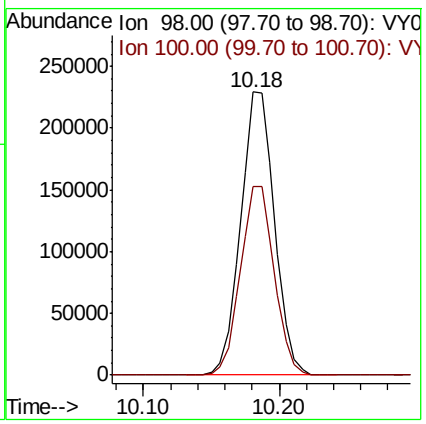


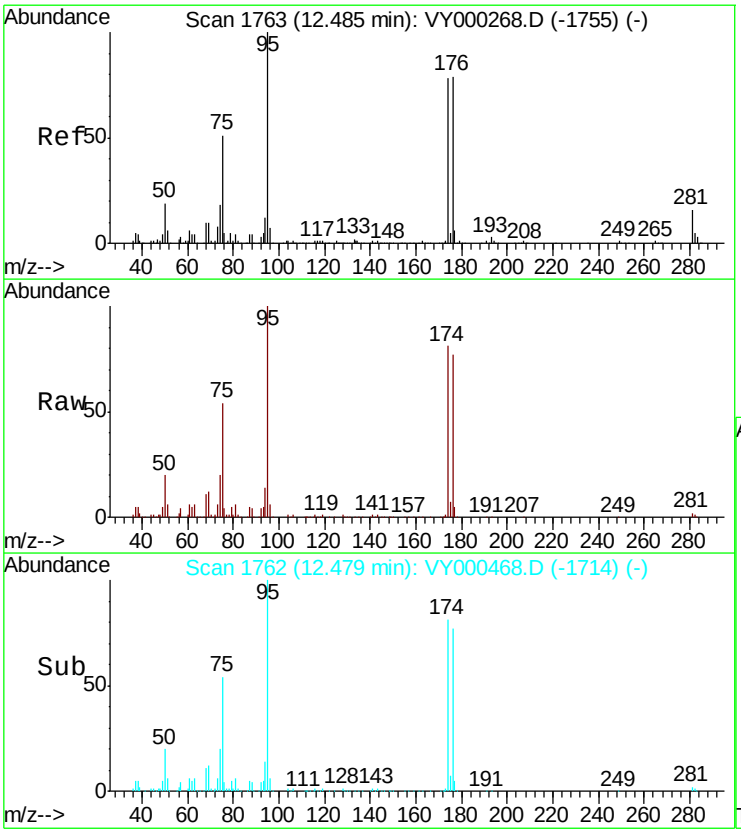
#50
Toluene-d8
Concen: 49.746 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 398614

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.8	79.2

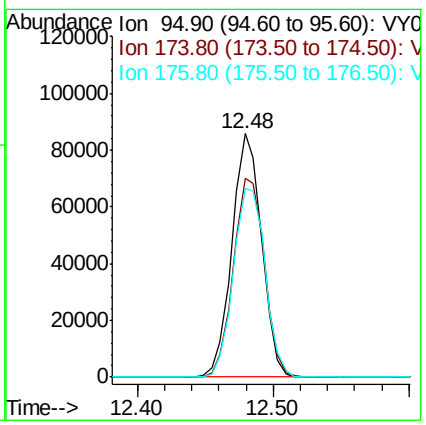


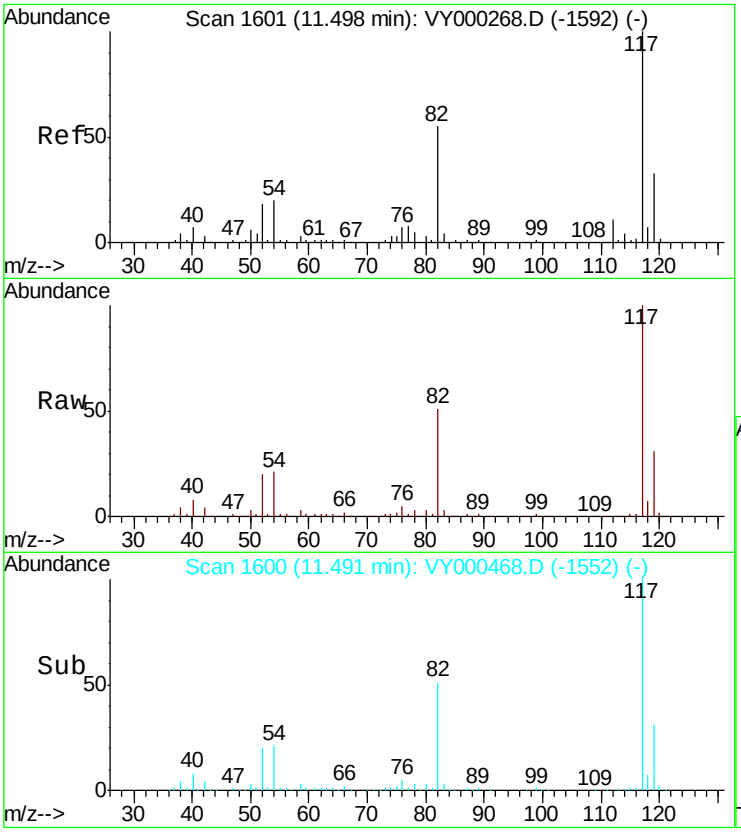


#62
4-Bromofluorobenzene
Concen: 42.716 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Tgt Ion: 95 Resp: 130038

Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	159.6
176	83.4	0.0	153.8



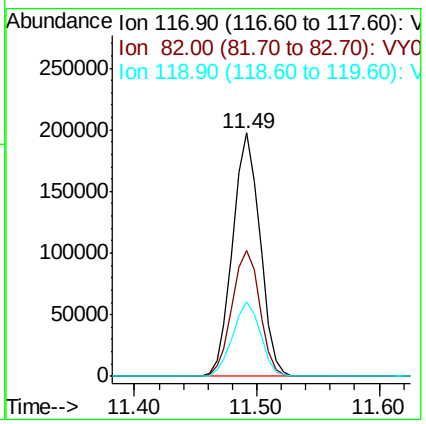


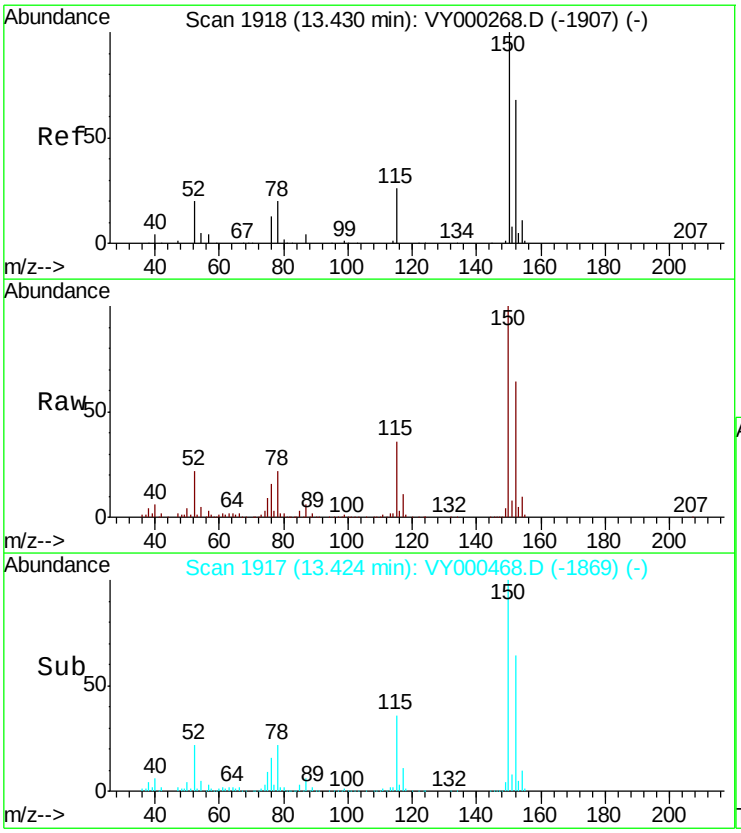
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 305369

Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.7	65.5
119	30.8	26.6	39.8

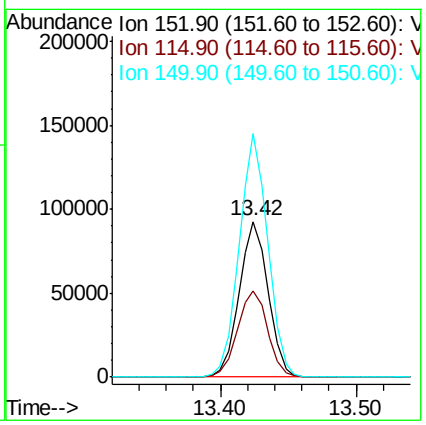


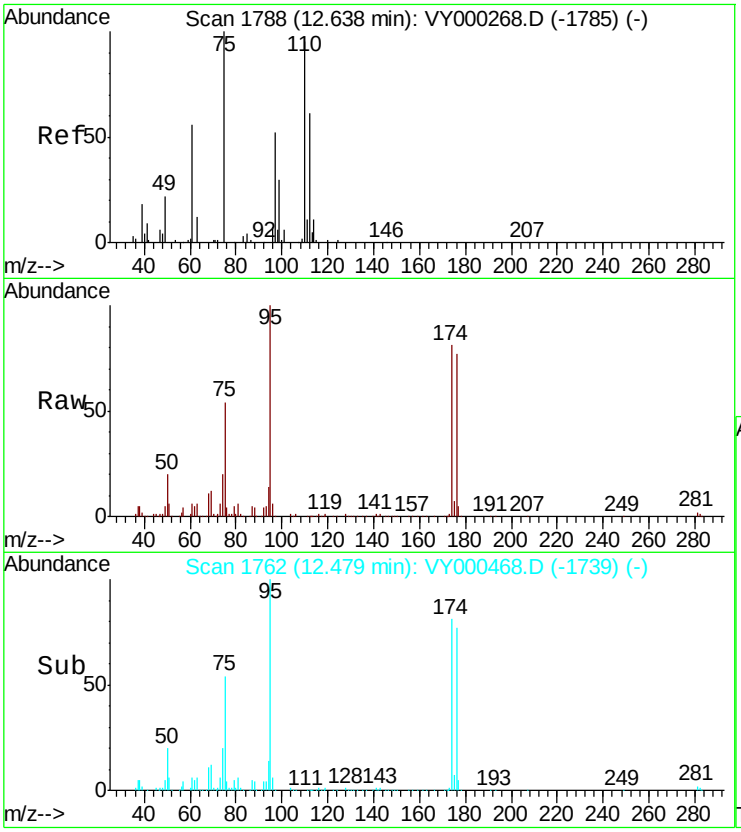


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Tgt Ion:152 Resp: 137160

Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.3	88.0
150	154.9	0.0	348.4



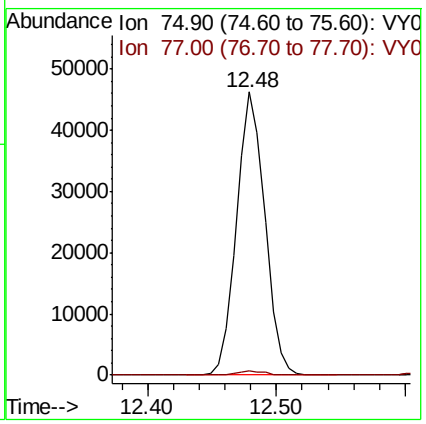


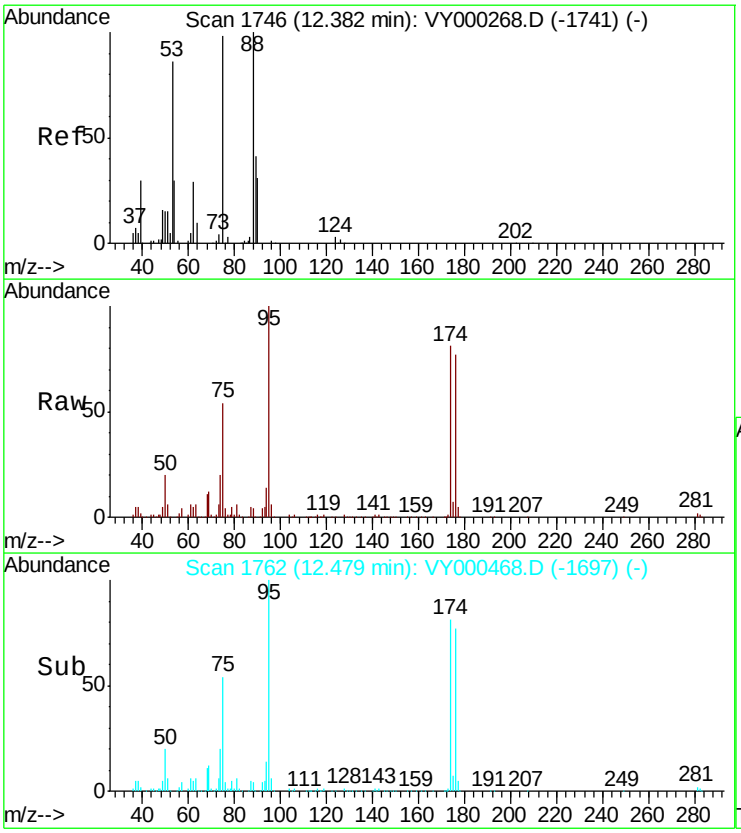
#76
1,2,3-Trichloropropane
Concen: 41.476 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69954

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.749 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Tgt Ion: 75 Resp: 69954

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.3	106.9#
89	0.2	35.1	52.7#