Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
Data File : VY000571.D
Acq On : 07 Nov 2019 11:45
Operator : SY/MD
Sample : K5725-01RE
Misc : 3.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 08 03:45:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	86095	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.70	114	143768	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	112682	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	41826	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	46556	52.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.50%				
35) Dibromofluoromethane	7.73	113	42286	50.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.20%				
50) Toluene-d8	10.18	98	162418	50.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.42%				
62) 4-Bromofluorobenzene	12.48	95	45784	37.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 75.10%				
Target Compounds							Qvalue
10) Methyl Iodide	4.11	142	150	3.320	ug/l	#	41
11) Tert butyl alcohol	4.97	59	198	2.283	ug/l	#	72
15) Acrylonitrile	5.19	53	509	1.910	ug/l	#	72
16) Acetone	3.95	43	488	1.987	ug/l	#	42
20) Methylene Chloride	4.73	84	2896	2.752	ug/l	#	81
25) 2-Butanone	6.99	43	666	1.699	ug/l	#	49
28) Bromochloromethane	7.21	49	29	4.128	ug/l	#	14
31) Cyclohexane	7.80	56	2275	1.319	ug/l	#	6
36) 1,1-Dichloropropene	7.80	75	7197	5.295	ug/l	#	47
38) Carbon Tetrachloride	7.80	117	8444	6.457	ug/l	#	16
49) 1,4-Dioxane	9.29	88	55	7.577	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.08	43	1276	1.583	ug/l		97
59) 2-Hexanone	10.84	43	1554	2.647	ug/l		88
76) 1,2,3-Trichloropropane	12.48	75	24249	50.917	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	24249	114.163	ug/l	#	13
93) 1,2,4-Trichlorobenzene	15.00	180	862	1.016	ug/l		67
95) Naphthalene	15.23	128	4763	2.529	ug/l	#	94
96) 1,2,3-Trichlorobenzene	15.42	180	972	1.277	ug/l		92

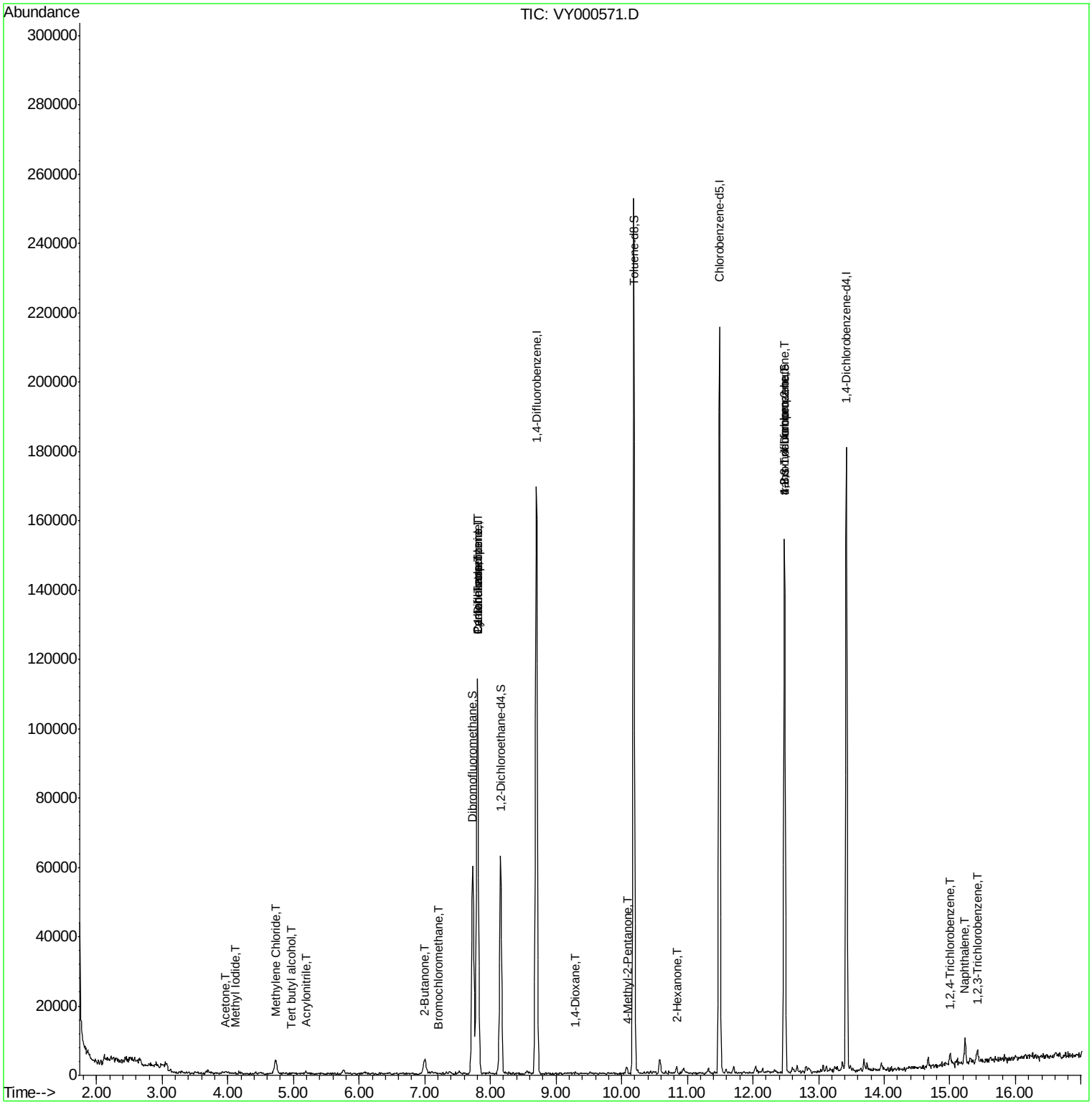
(#) = qualifier out of range (m) = manual integration (+) = signals summed

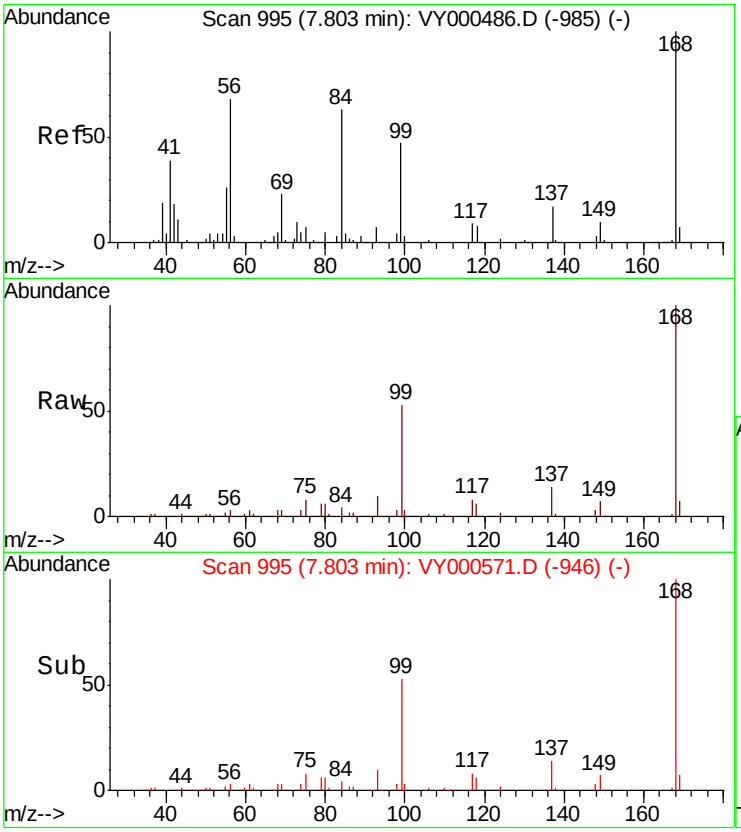
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
Data File : VY000571.D
Acq On : 07 Nov 2019 11:45
Operator : SY/MD
Sample : K5725-01RE
Misc : 3.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 08 03:45:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration



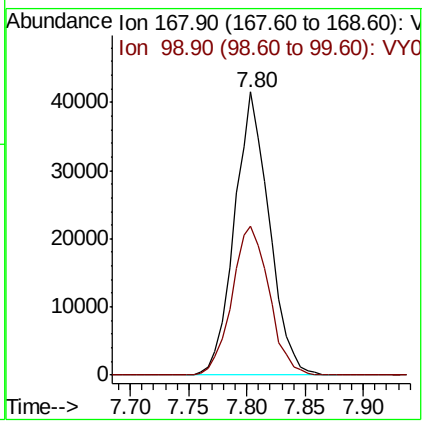


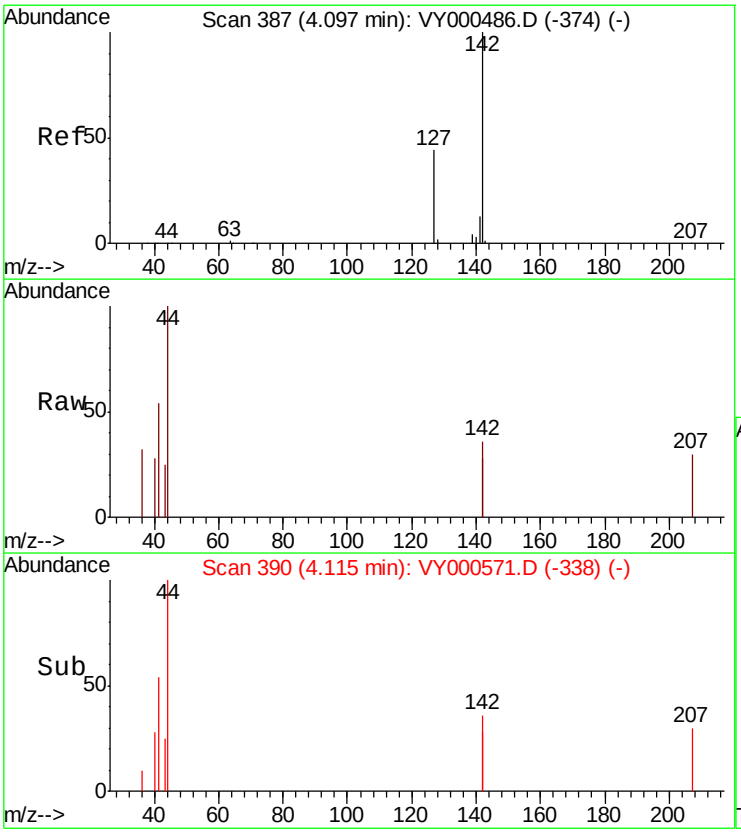
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 86095

Ion	Ratio	Lower	Upper
168	100		
99	52.8	45.7	68.5

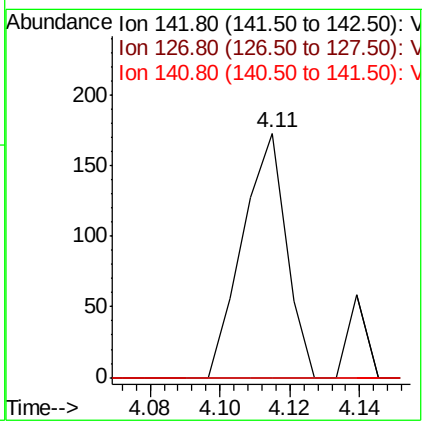


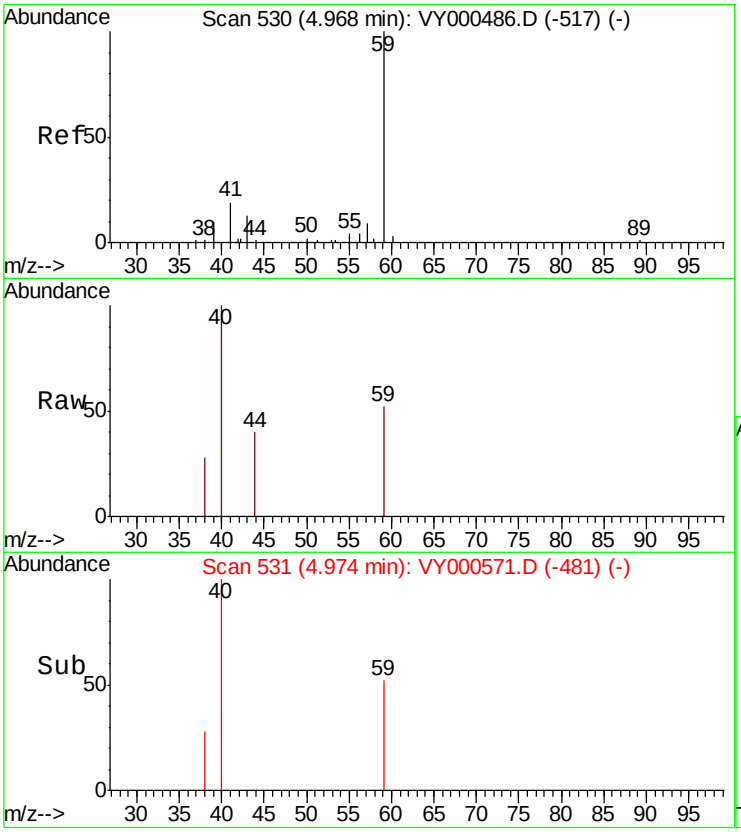


#10
Methyl Iodide
Concen: 3.320 ug/l
RT: 4.11 min Scan# 390
Delta R.T. 0.02 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion:142 Resp: 150

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.7	50.5#
141	0.0	10.9	16.3#



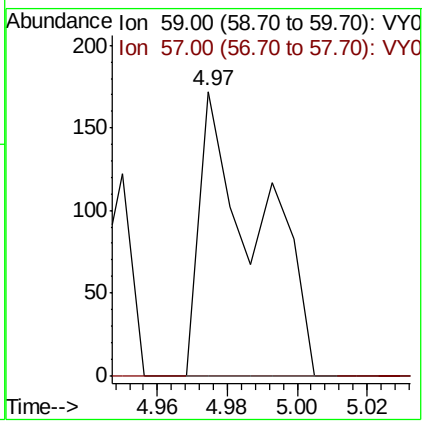


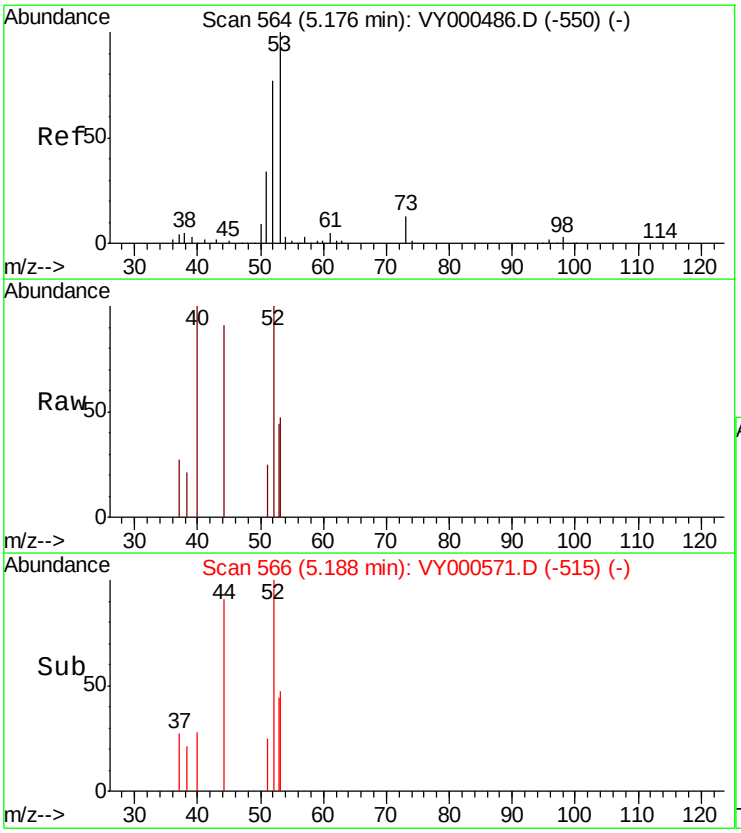
#11
Tert butyl alcohol
Concen: 2.283 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 198

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

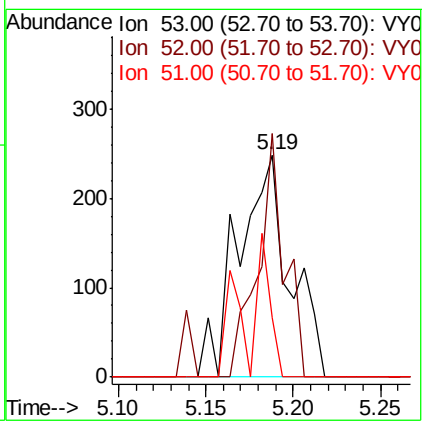


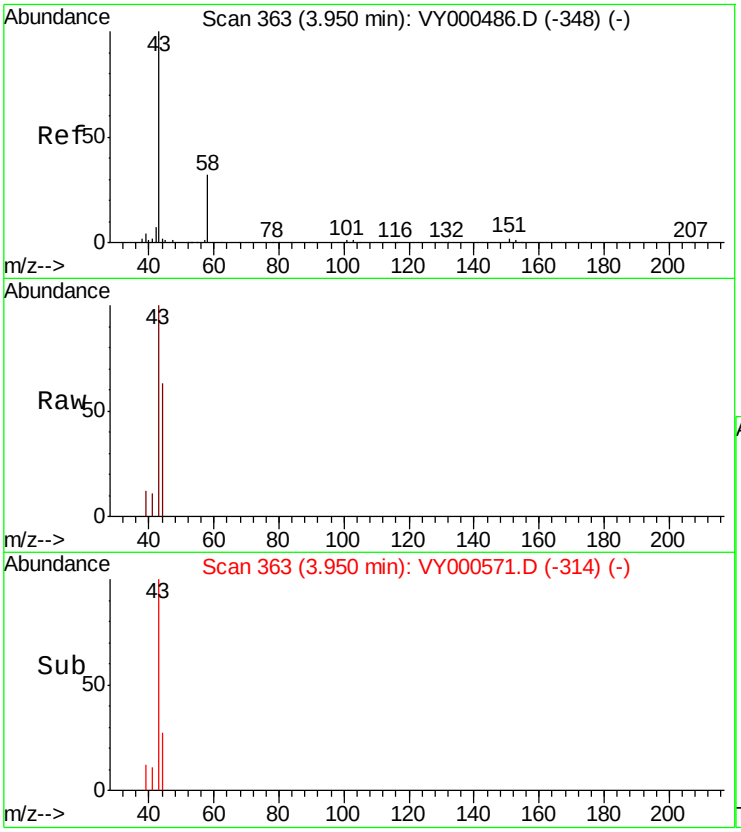


#15
Acrylonitrile
Concen: 1.910 ug/l
RT: 5.19 min Scan# 566
Delta R.T. 0.01 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion: 53 Resp: 509

Ion	Ratio	Lower	Upper
53	100		
52	57.4	64.9	97.3#
51	16.3	27.6	41.4#



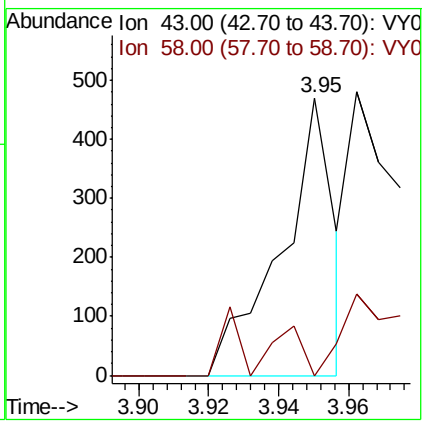


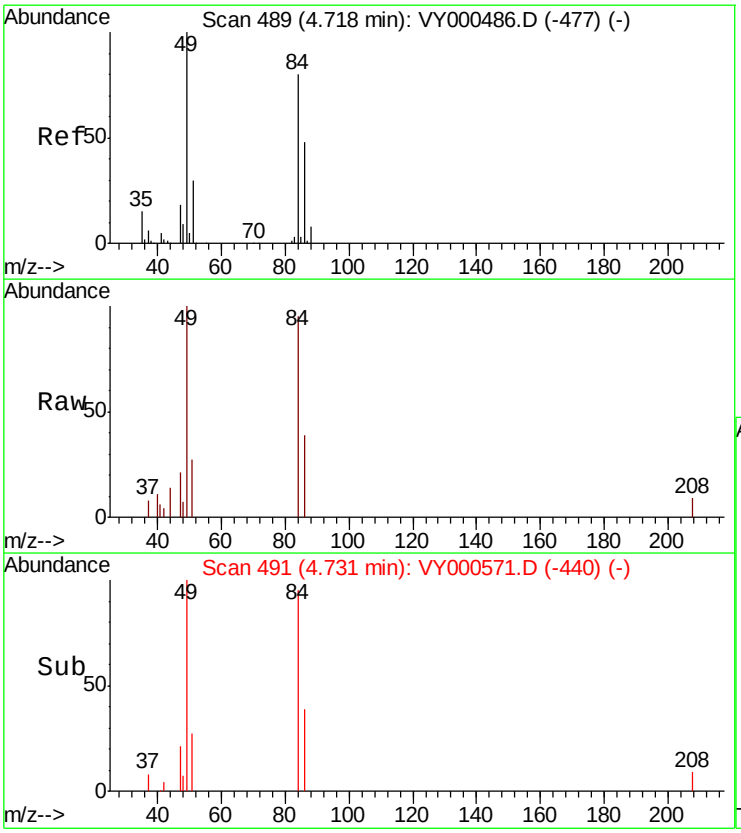
#16
Acetone
Concen: 1.987 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 488

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.8	38.6#

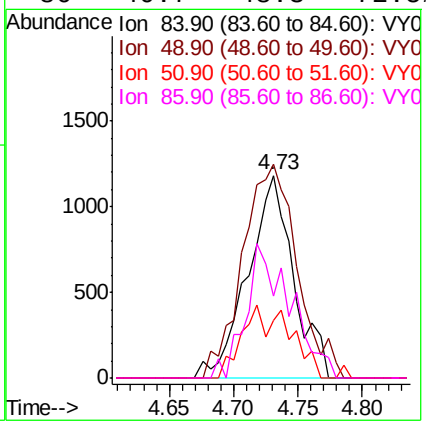


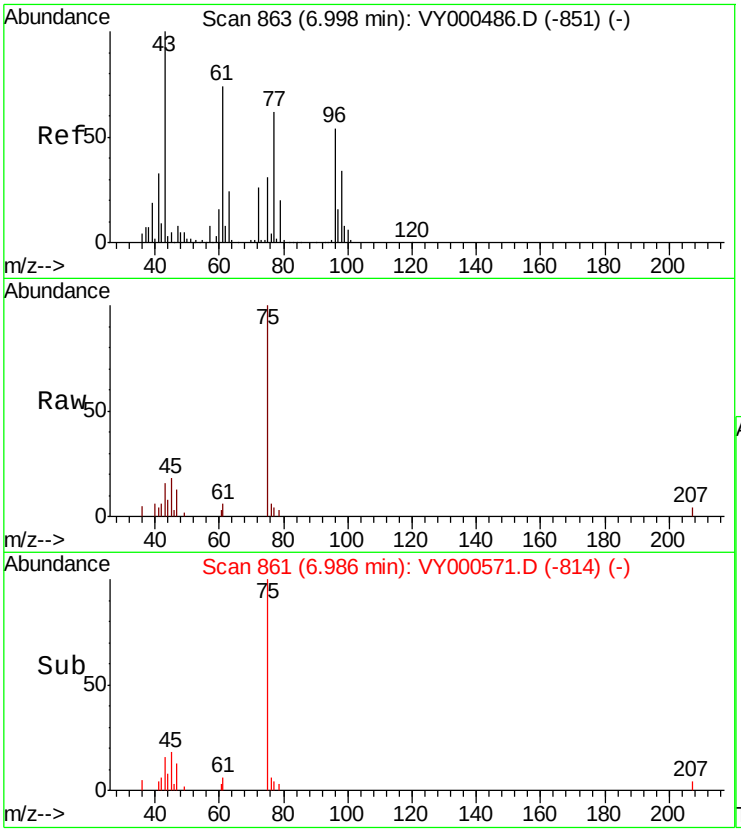


#20
Methylene Chloride
Concen: 2.752 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion: 84 Resp: 2896

Ion	Ratio	Lower	Upper
84	100		
49	105.4	100.2	150.4
51	28.7	29.6	44.4#
86	40.7	48.3	72.5#



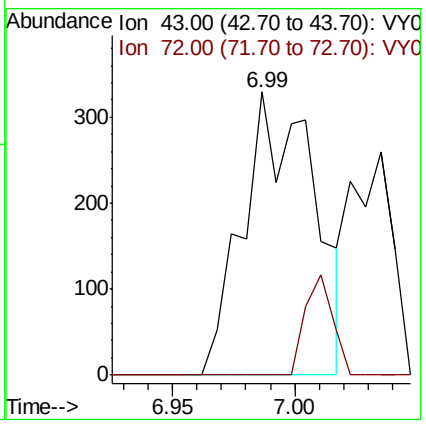


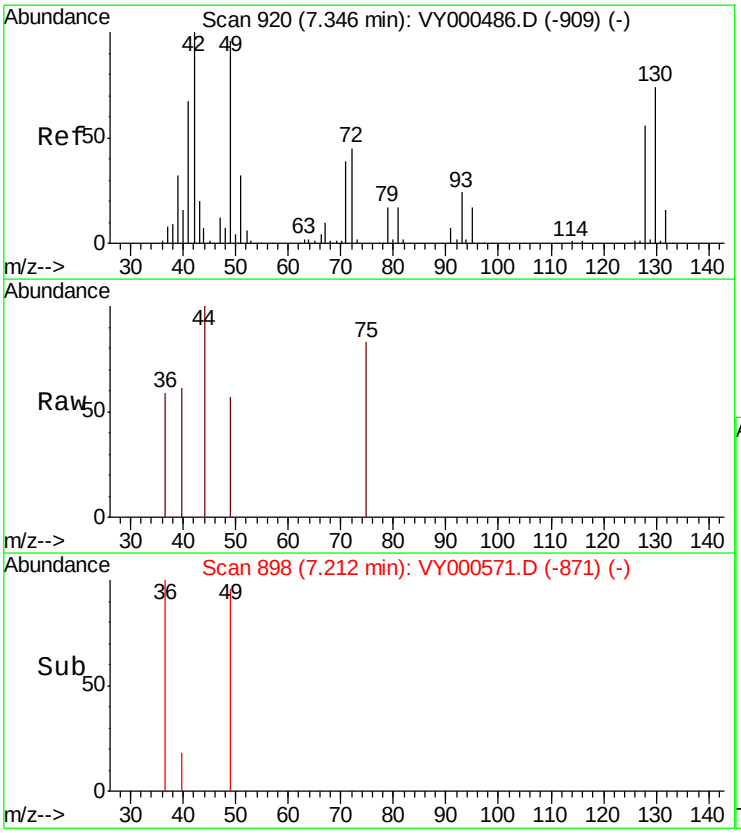
#25
2-Butanone
Concen: 1.699 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 666

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.9	31.3#

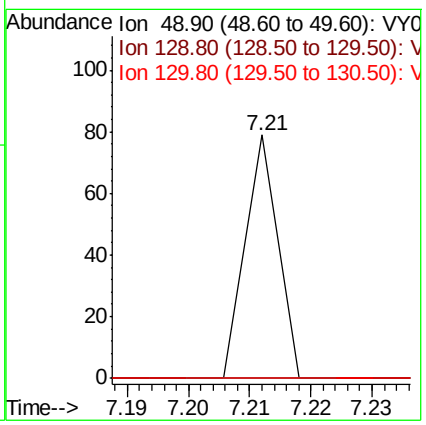


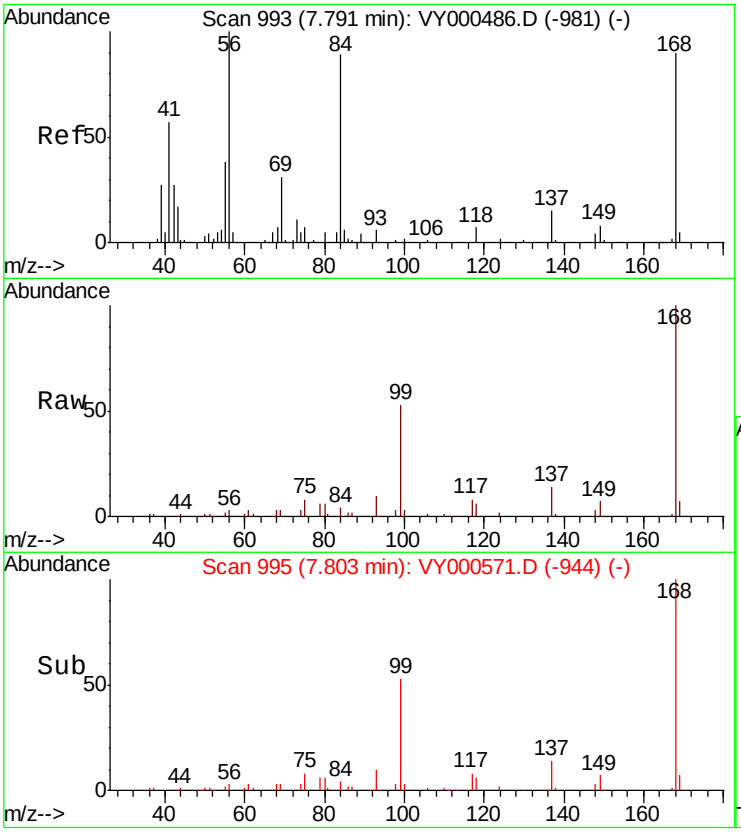


#28
Bromochloromethane
Concen: 4.128 ug/l
RT: 7.21 min Scan# 898
Delta R.T. -0.13 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion: 49 Resp: 29

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	59.4	89.0#



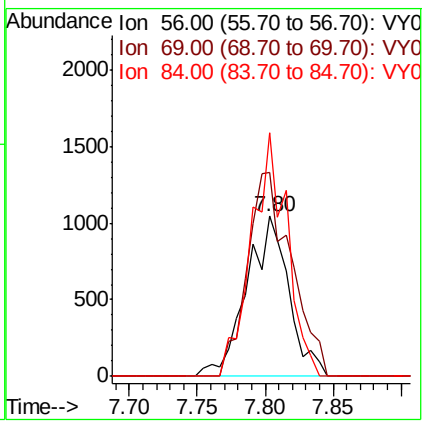


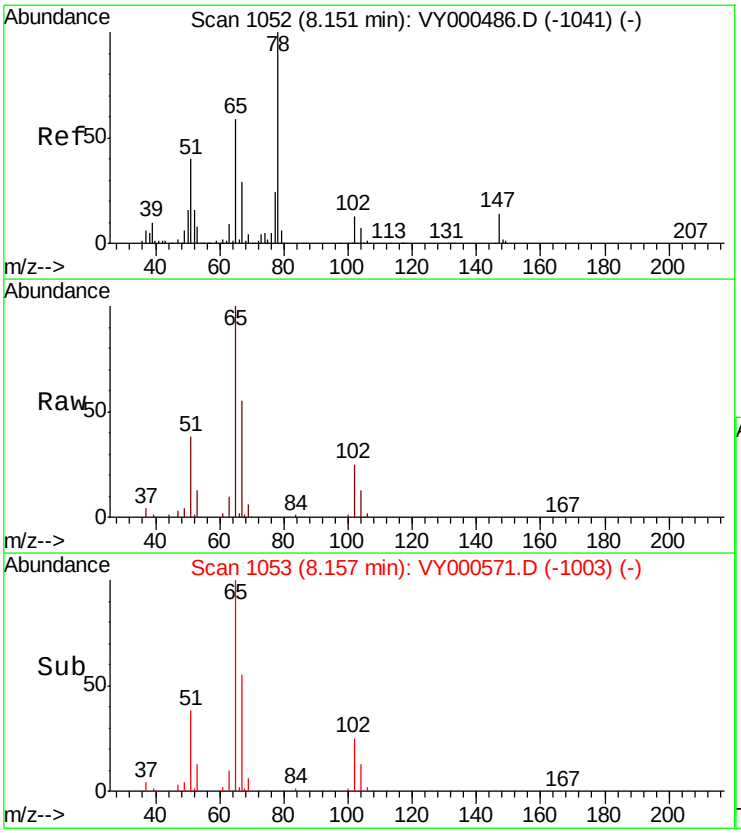
#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 2275

Ion	Ratio	Lower	Upper
56	100		
69	127.1	25.0	37.6#
84	151.9	71.4	107.2#

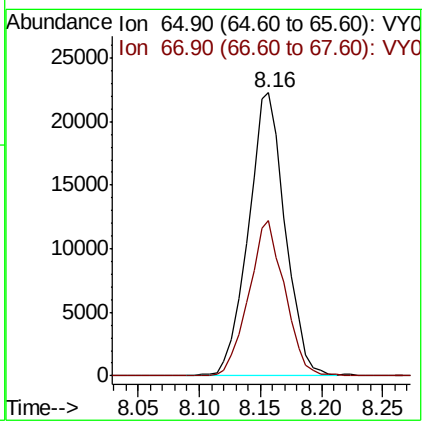


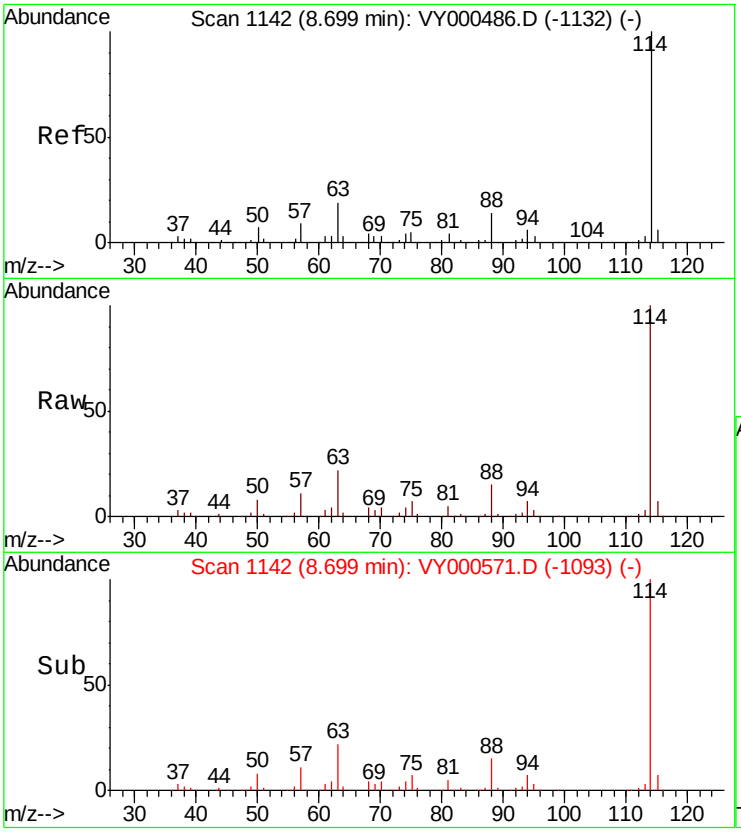


#33
1,2-Dichloroethane-d4
Concen: 52.253 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion: 65 Resp: 46556

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.2



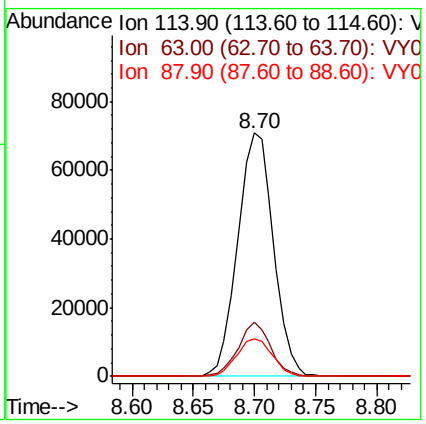


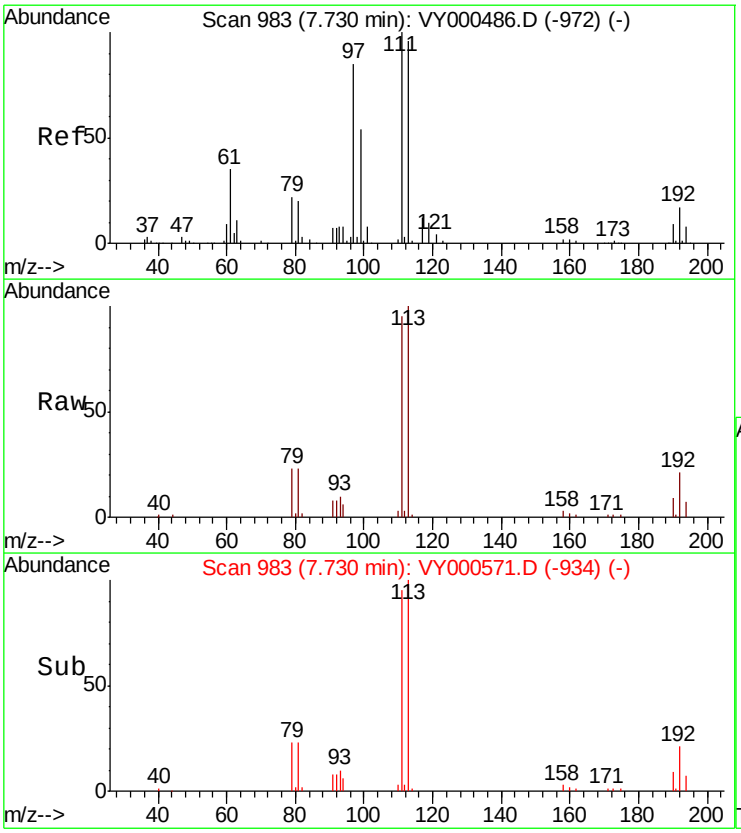
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 143768

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	38.0
88	15.3	0.0	28.6

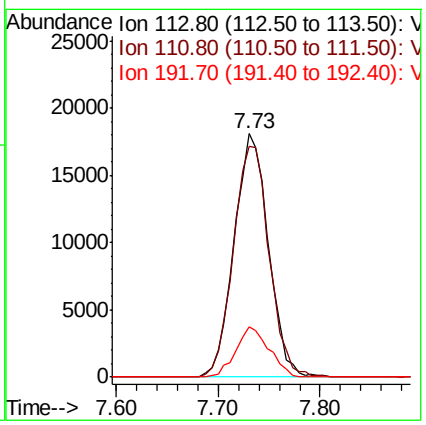


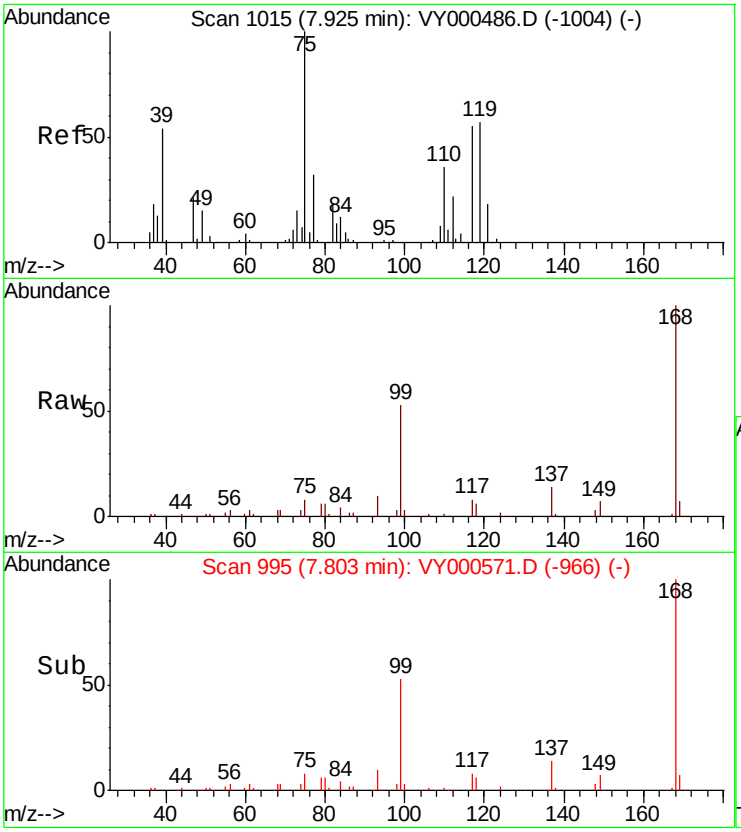


#35
Dibromofluoromethane
Concen: 50.101 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion:113 Resp: 42286

Ion	Ratio	Lower	Upper
113	100		
111	98.8	81.7	122.5
192	19.9	15.0	22.4



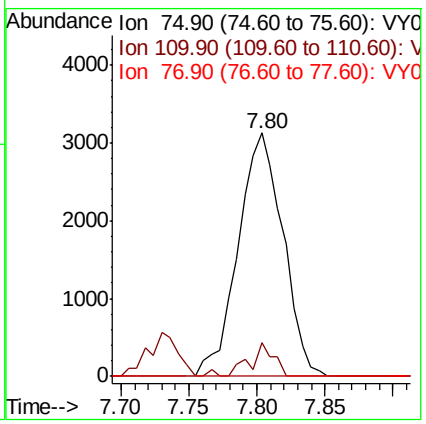


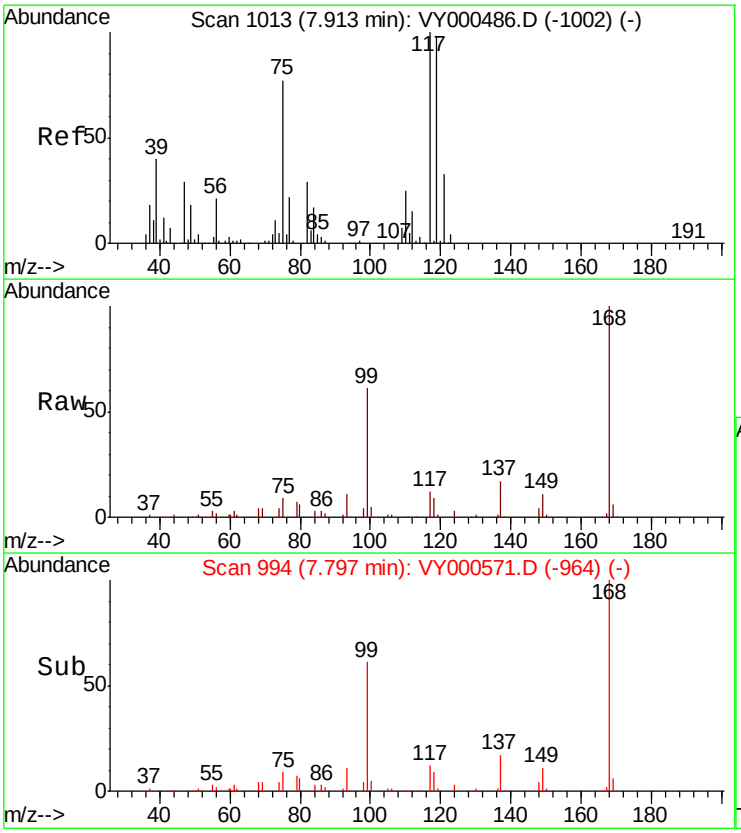
#36
1,1-Dichloropropene
Concen: 5.295 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 7197

Ion	Ratio	Lower	Upper
75	100		
110	7.1	18.1	54.1#
77	0.0	25.0	37.6#

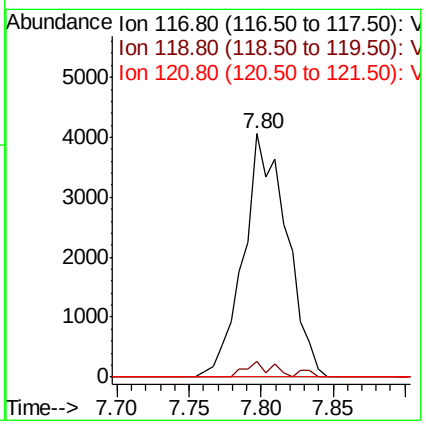


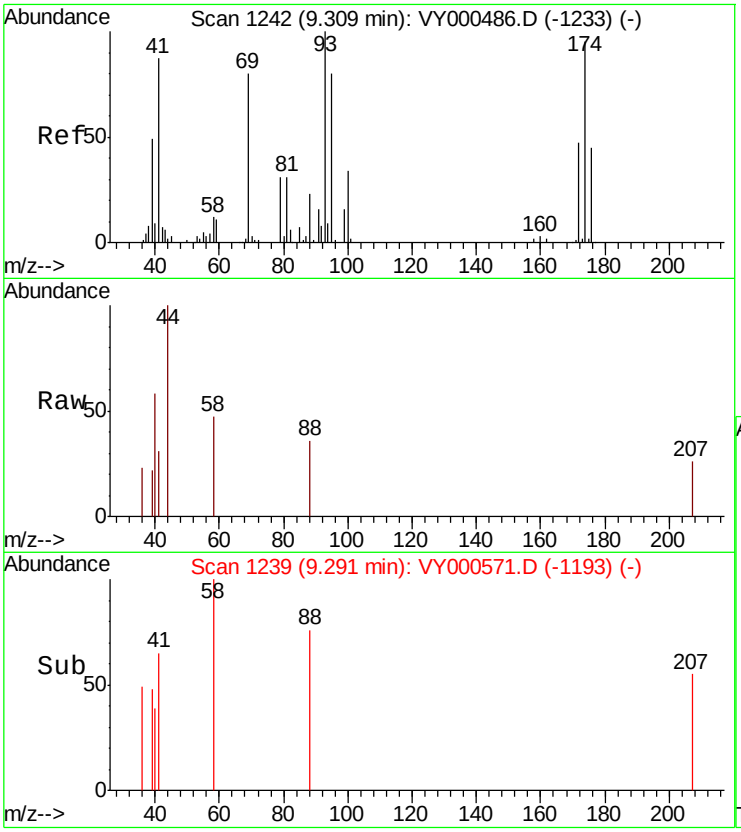


#38
Carbon Tetrachloride
Concen: 6.457 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion:117 Resp: 8444

Ion	Ratio	Lower	Upper
117	100		
119	6.7	78.0	117.0#
121	0.0	26.6	40.0#



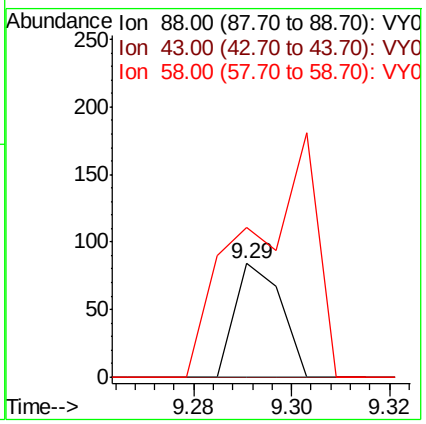


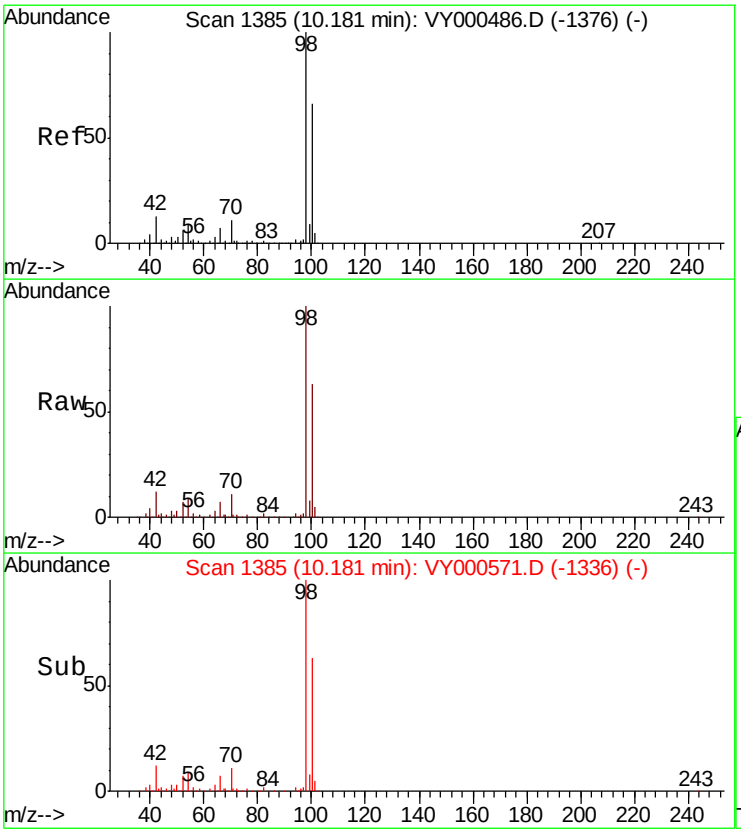
#49
1,4-Dioxane
Concen: 7.577 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	316.4	50.6	75.8#

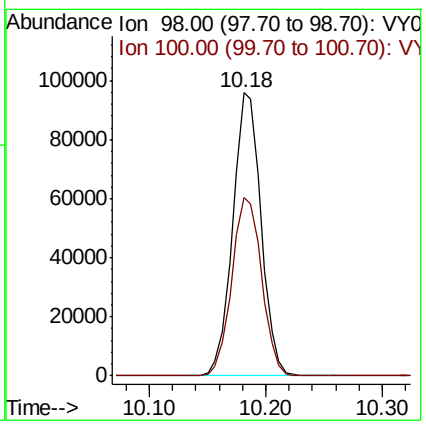


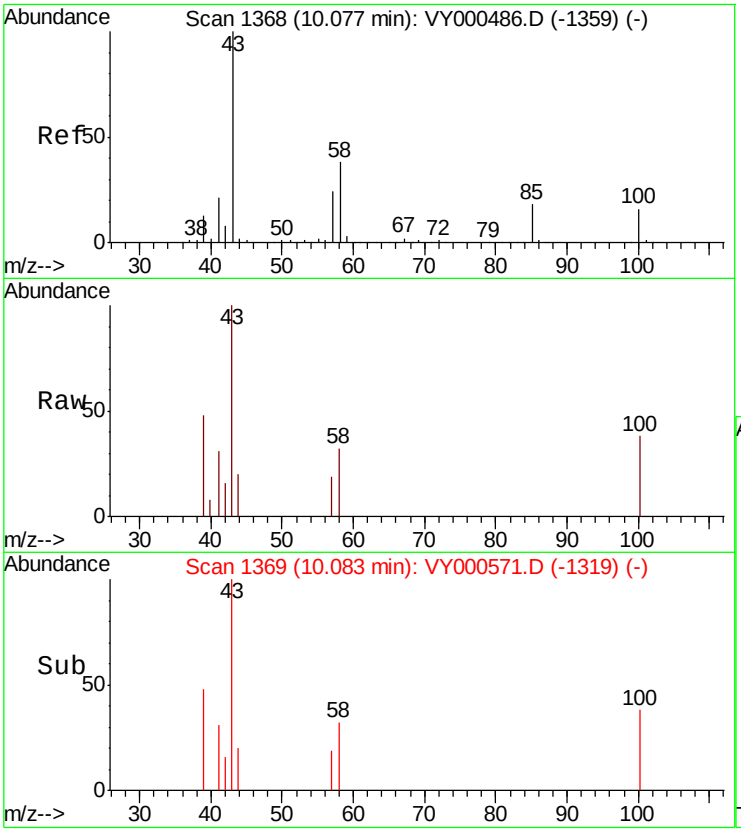


#50
Toluene-d8
Concen: 50.715 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion: 98 Resp: 162418

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.9	79.3



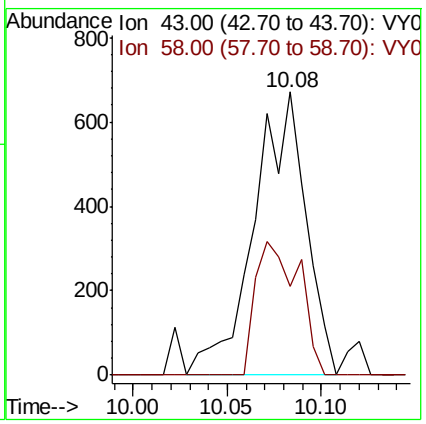


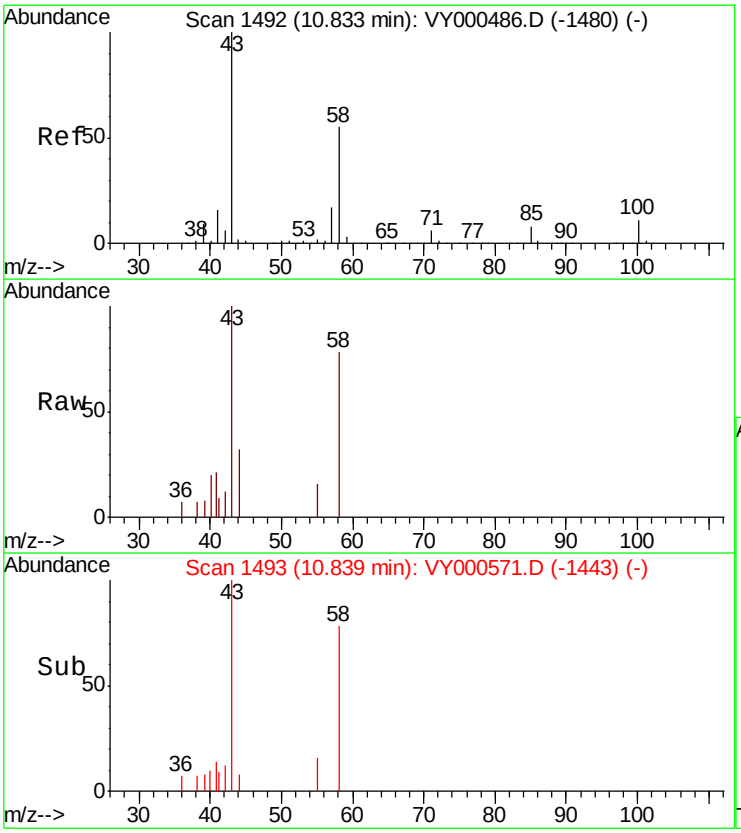
#51
4-Methyl-2-Pentanone
Concen: 1.583 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1276

Ion	Ratio	Lower	Upper
43	100		
58	39.7	30.2	45.4

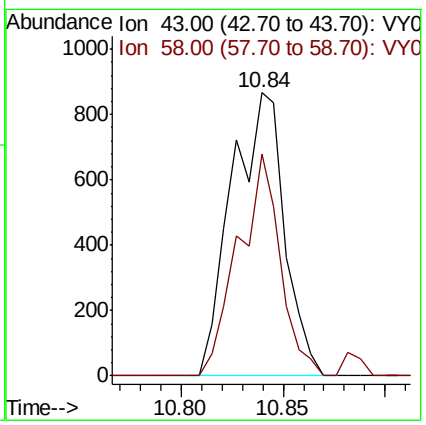


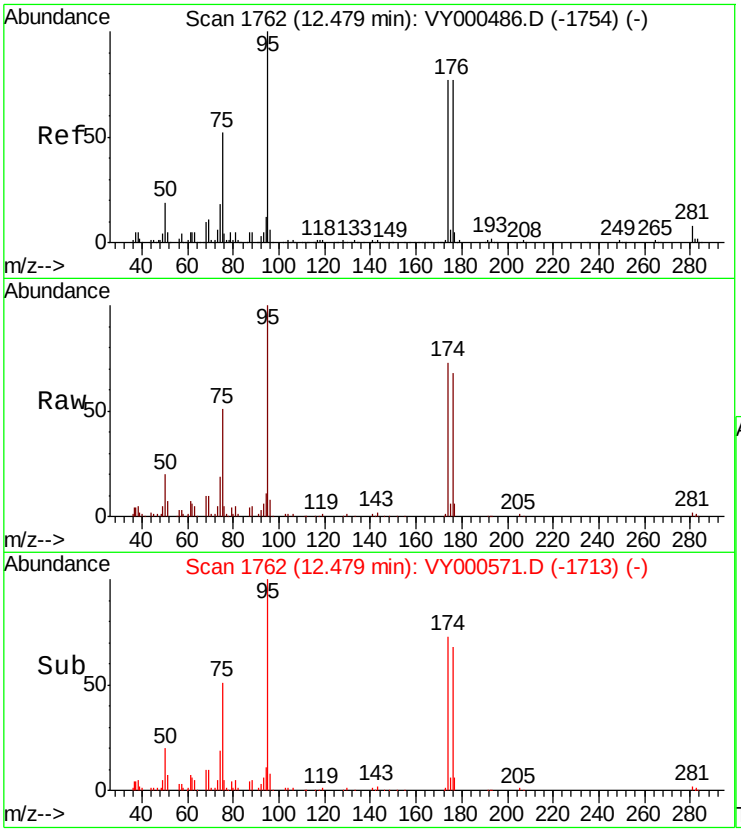


#59
2-Hexanone
Concen: 2.647 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion: 43 Resp: 1554

Ion	Ratio	Lower	Upper
43	100		
58	62.5	27.1	81.3



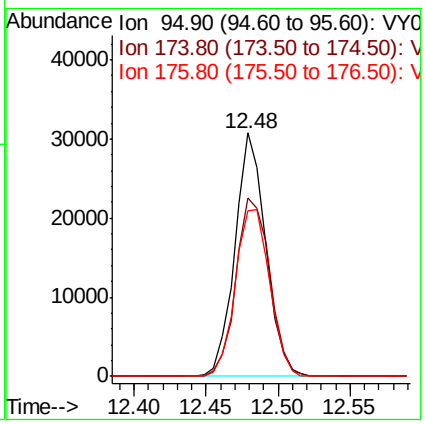


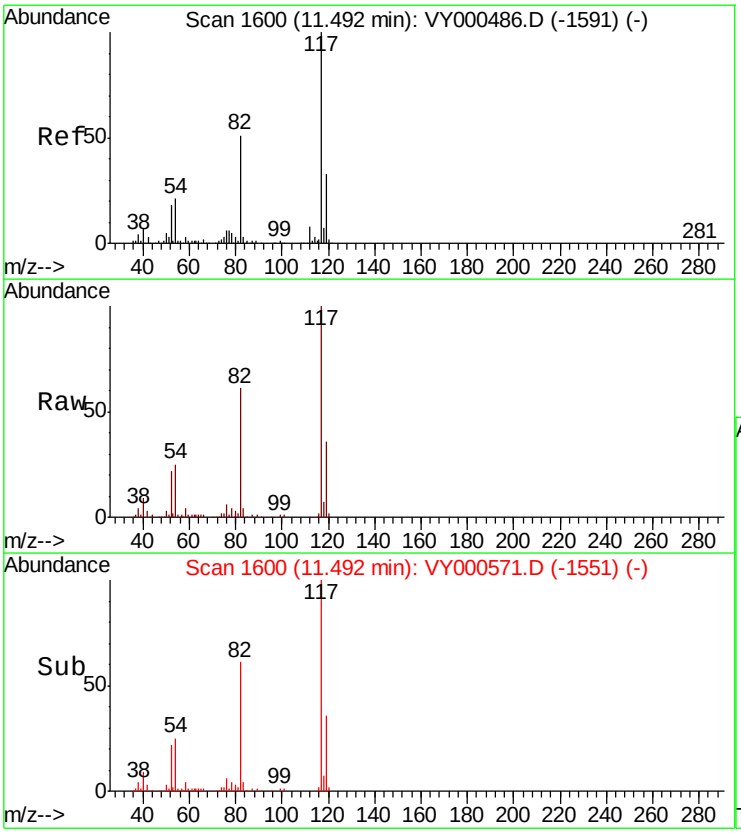
#62
4-Bromofluorobenzene
Concen: 37.552 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 45784

Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	161.6
176	76.1	0.0	157.8

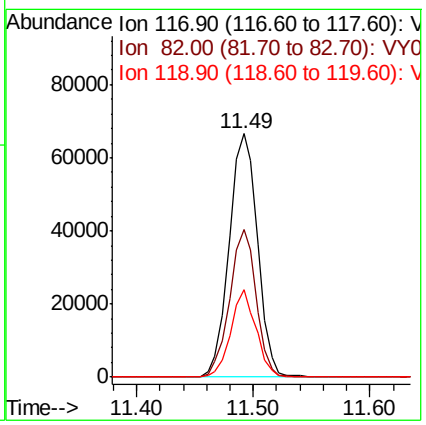


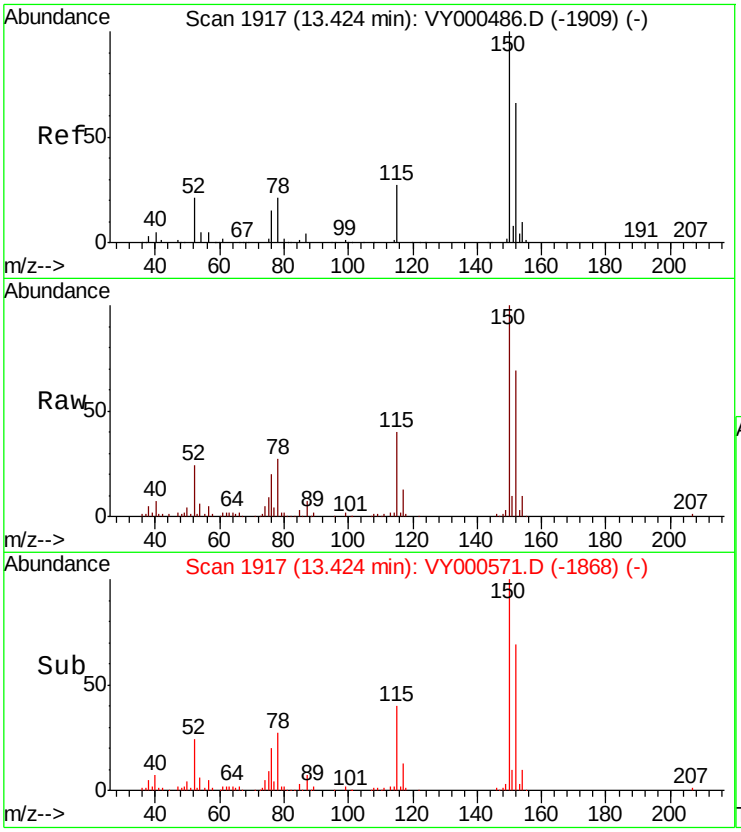


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion:117 Resp: 112682

Ion	Ratio	Lower	Upper
117	100		
82	60.6	40.8	61.2
119	35.8	26.2	39.2



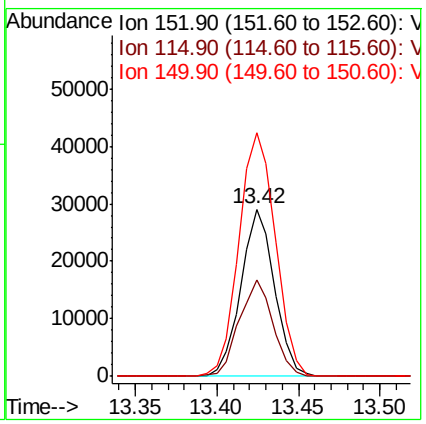


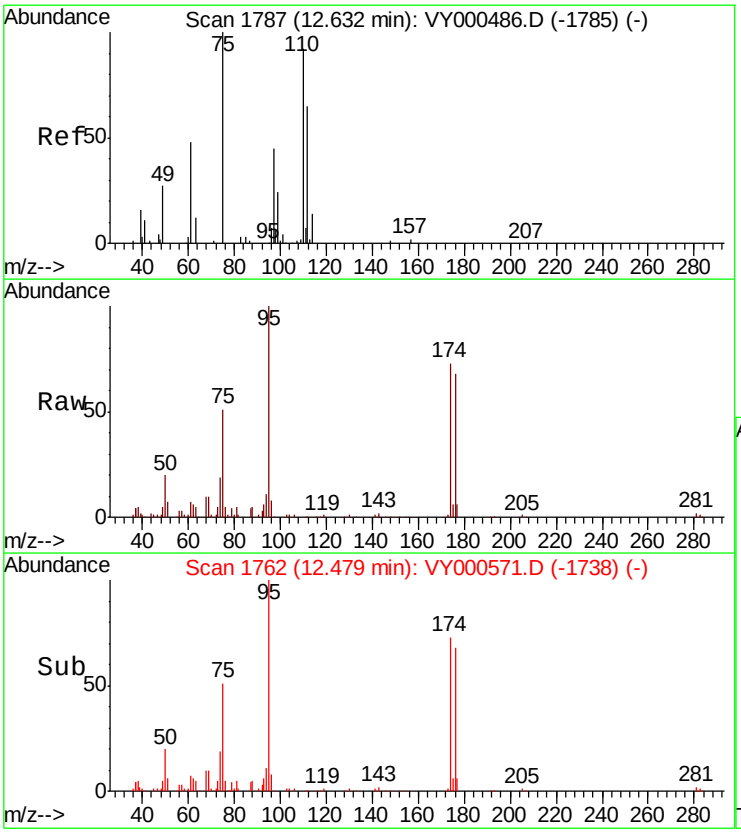
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 41826

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.1	87.4
150	157.3	0.0	348.8

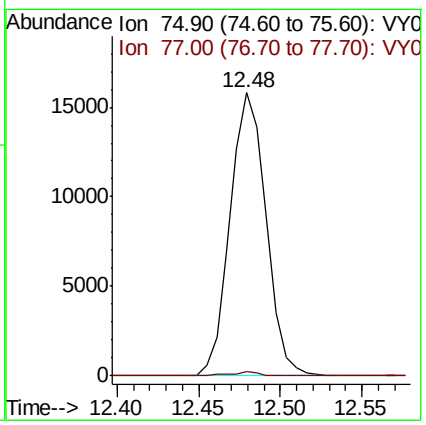


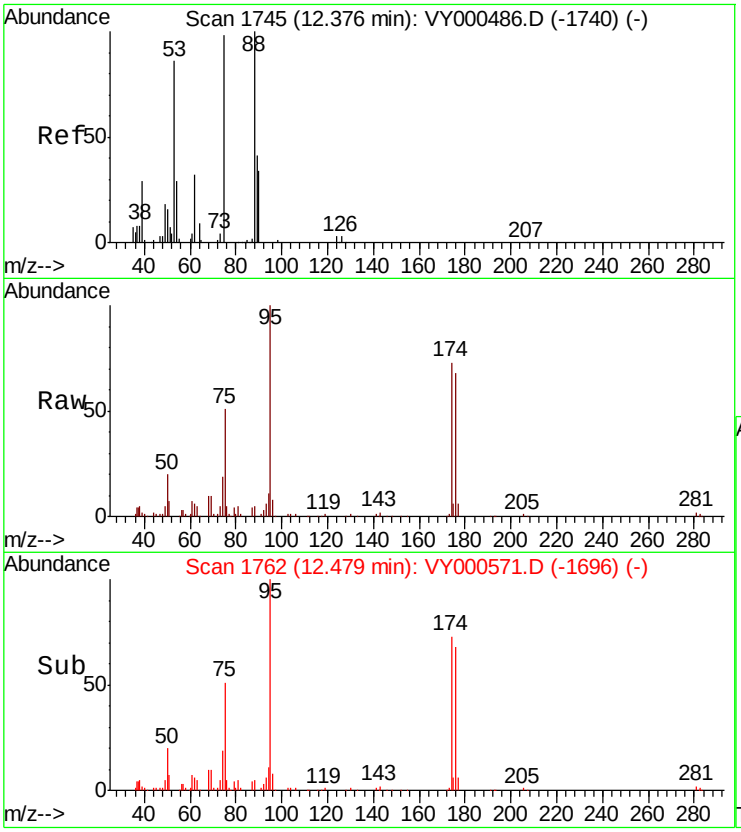


#76
1,2,3-Trichloropropane
Concen: 50.917 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion: 75 Resp: 24249

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



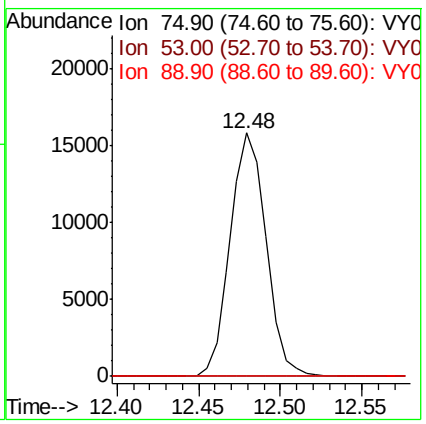


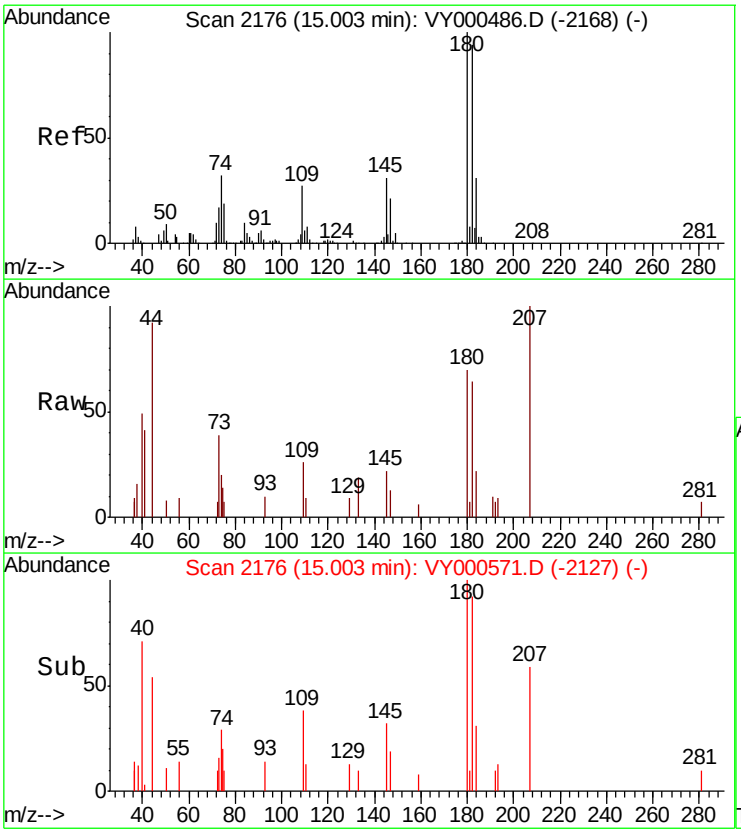
#81
trans-1,4-Dichloro-2-butene
Concen: 114.163 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 24249

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.2	109.8#
89	0.0	35.9	53.9#

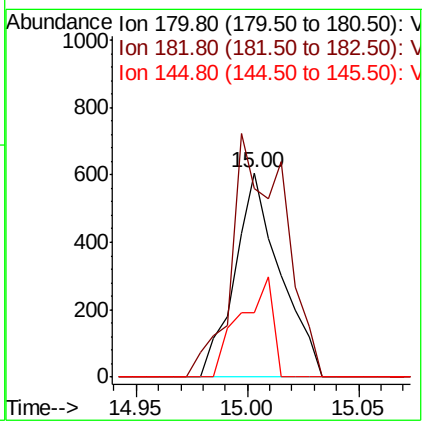


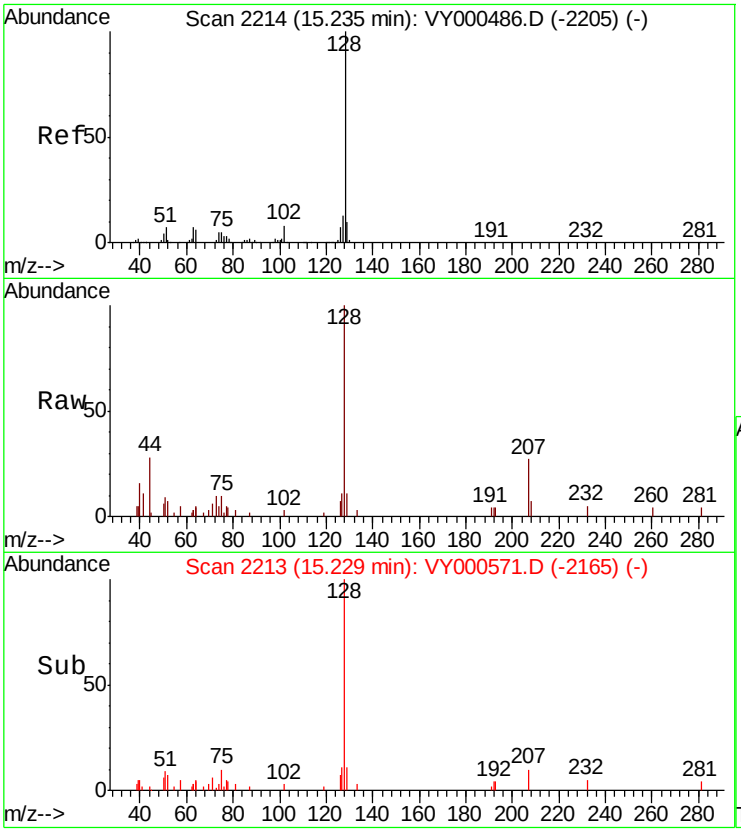


#93
1,2,4-Trichlorobenzene
Concen: 1.016 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion:180 Resp: 862

Ion	Ratio	Lower	Upper
180	100		
182	136.7	47.8	143.4
145	35.2	16.0	47.9



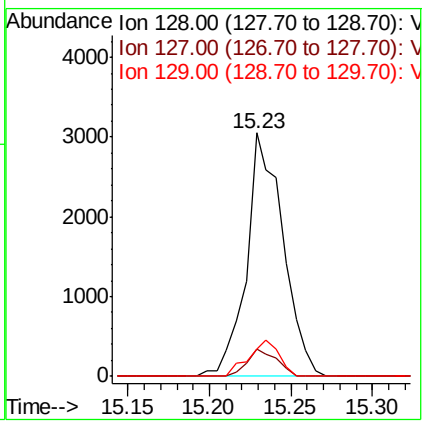


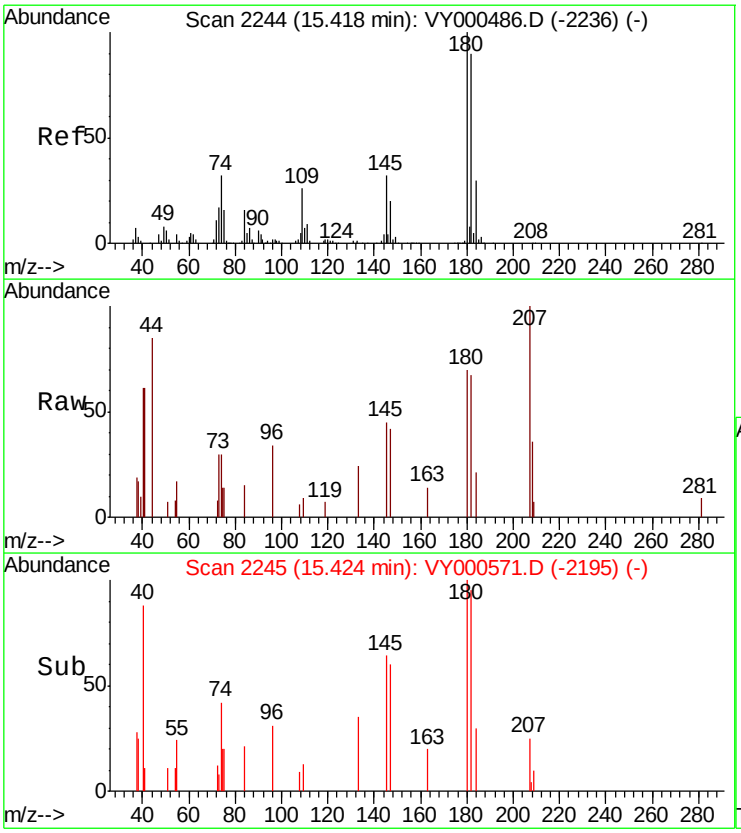
#95
Naphthalene
Concen: 2.529 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 4763

Ion	Ratio	Lower	Upper
128	100		
127	8.9	9.8	14.6#
129	12.3	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 1.277 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000571.D
Acq: 07 Nov 2019 11:45

Tgt Ion:180 Resp: 972

Ion	Ratio	Lower	Upper
180	100		
182	87.9	47.4	142.3
145	37.6	15.7	47.0