Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102919\
Data File : VY000464.D
Acq On : 29 Oct 2019 11:03
Operator : SY/MD
Sample : VY1029SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 30 07:16:25 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	204799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	323858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	144987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123449	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.28%			
35) Dibromofluoromethane	7.73	113	105433	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.74%			
50) Toluene-d8	10.18	98	416076	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
62) 4-Bromofluorobenzene	12.48	95	139264	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	248	Below Cal	#	41
10) Methyl Iodide	4.10	142	149	1.235	ug/l #	41
16) Acetone	3.97	43	2812	4.019	ug/l #	75
20) Methylene Chloride	4.72	84	7496	Below Cal		85
25) 2-Butanone	7.00	43	3699	3.753	ug/l #	64
26) 2,2-Dichloropropane	6.99	77	3790	1.039	ug/l #	52
31) Cyclohexane	7.80	56	4771	1.154	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16516	4.765	ug/l #	48
37) Ethyl Acetate	7.00	43	3699	1.802	ug/l #	14
38) Carbon Tetrachloride	7.79	117	20478	6.102	ug/l #	18
49) 1,4-Dioxane	9.33	88	37	1.796	ug/l #	24
51) 4-Methyl-2-Pentanone	10.08	43	3098	1.539	ug/l #	83
59) 2-Hexanone	10.83	43	2992	2.118	ug/l	86
76) 1,2,3-Trichloropropane	12.48	75	74645	41.868	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	74645	91.607	ug/l #	14
95) Naphthalene	15.23	128	7164	1.028	ug/l #	94

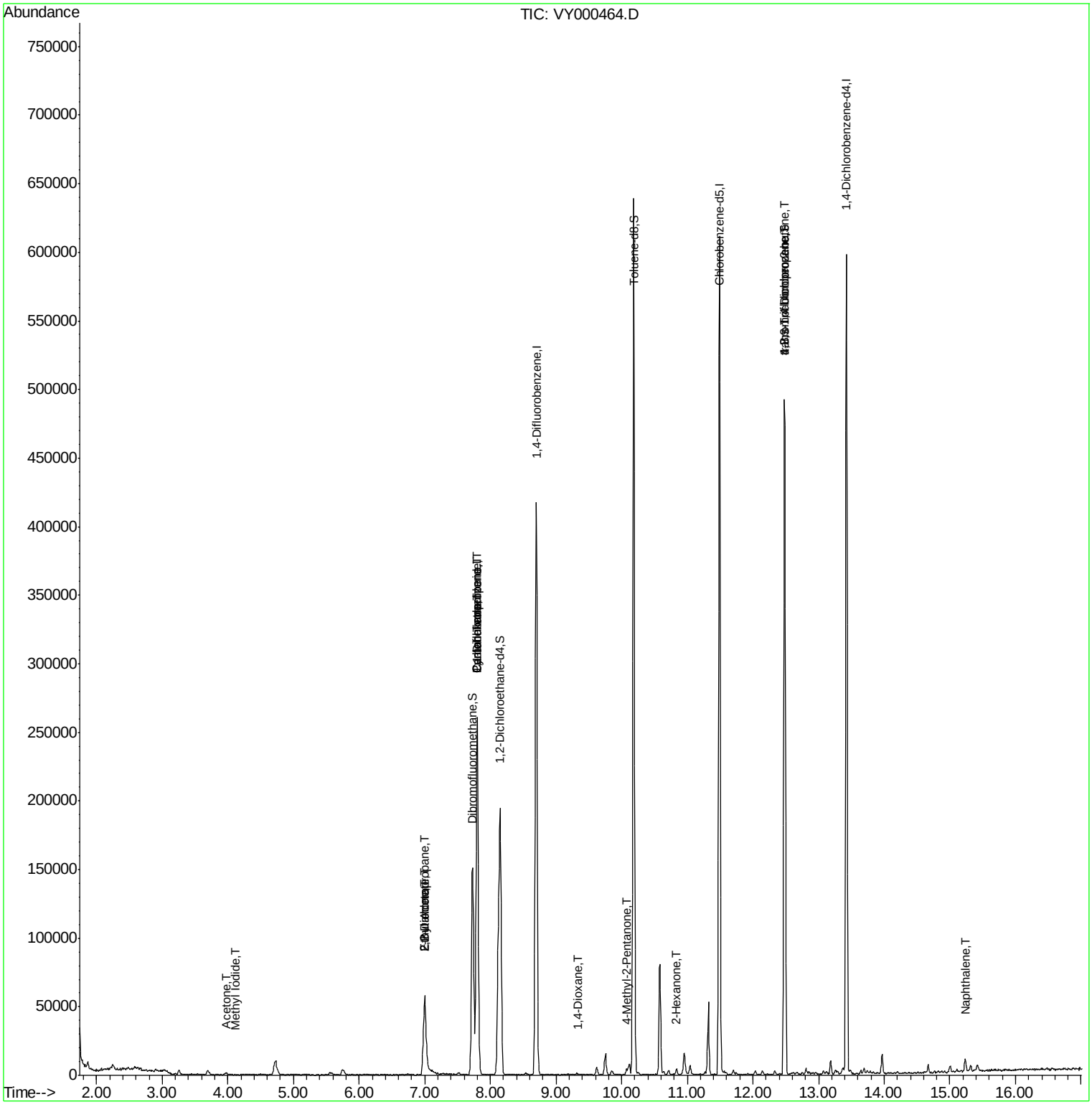
(#) = qualifier out of range (m) = manual integration (+) = signals summed

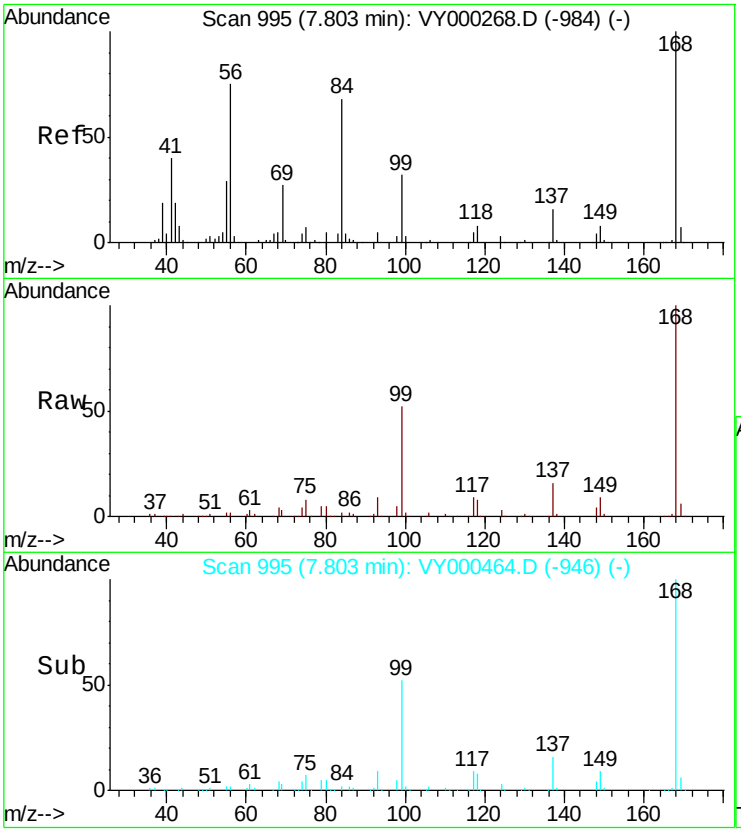
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102919\
Data File : VY000464.D
Acq On : 29 Oct 2019 11:03
Operator : SY/MD
Sample : VY1029SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 30 07:16:25 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



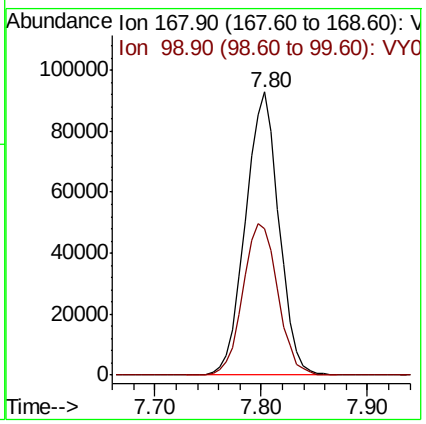


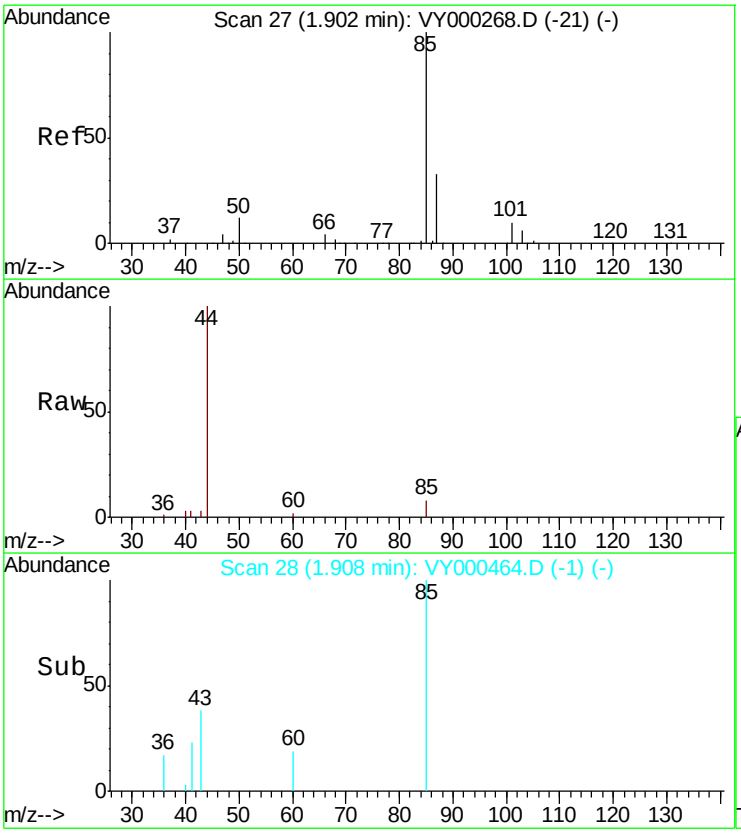
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 204799

Ion	Ratio	Lower	Upper
168	100		
99	51.5	46.6	69.8

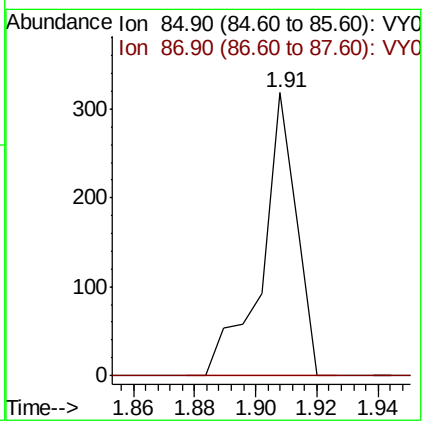


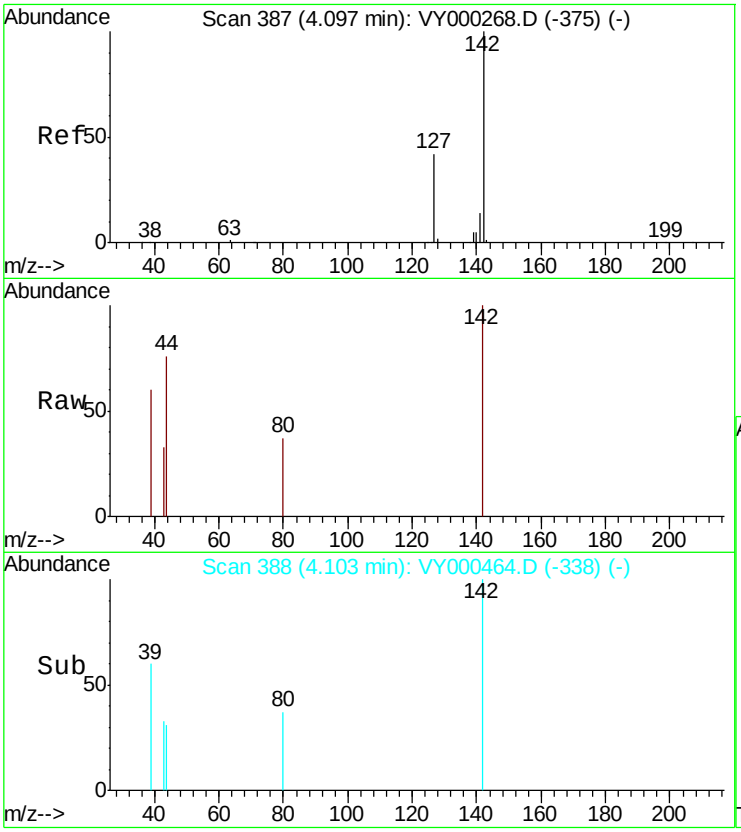


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.91 min Scan# 28
Delta R.T. 0.01 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Tgt Ion: 85 Resp: 248

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



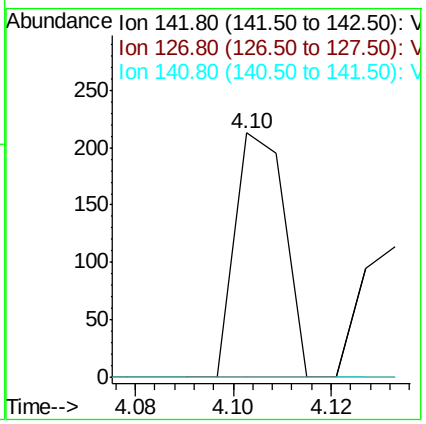


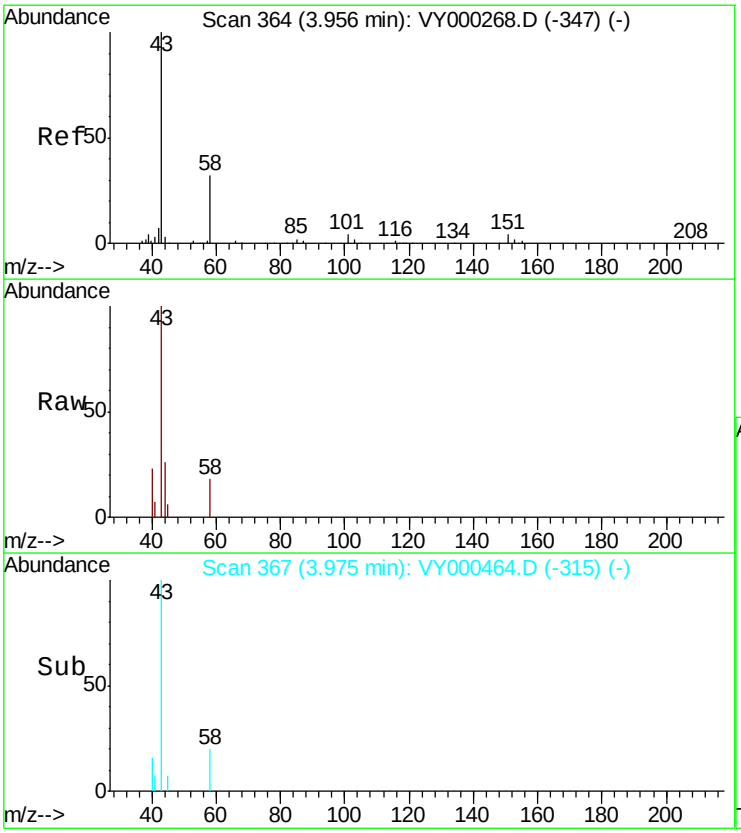
#10
Methyl Iodide
Concen: 1.235 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 149

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

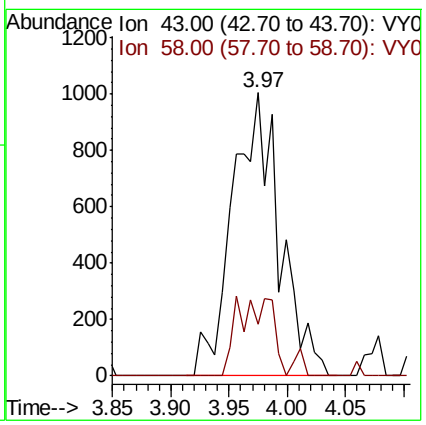


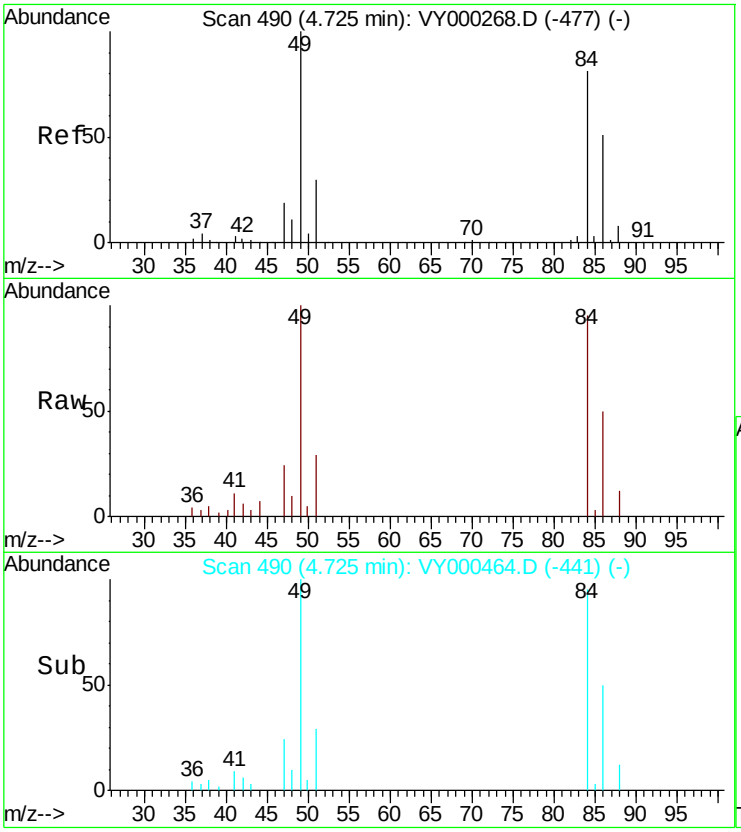


#16
Acetone
Concen: 4.019 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.02 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Tgt Ion: 43 Resp: 2812

Ion	Ratio	Lower	Upper
43	100		
58	18.3	25.8	38.6#



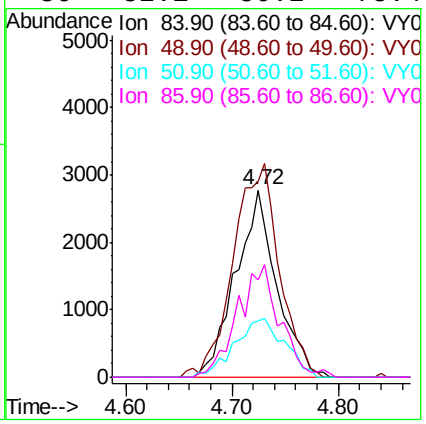


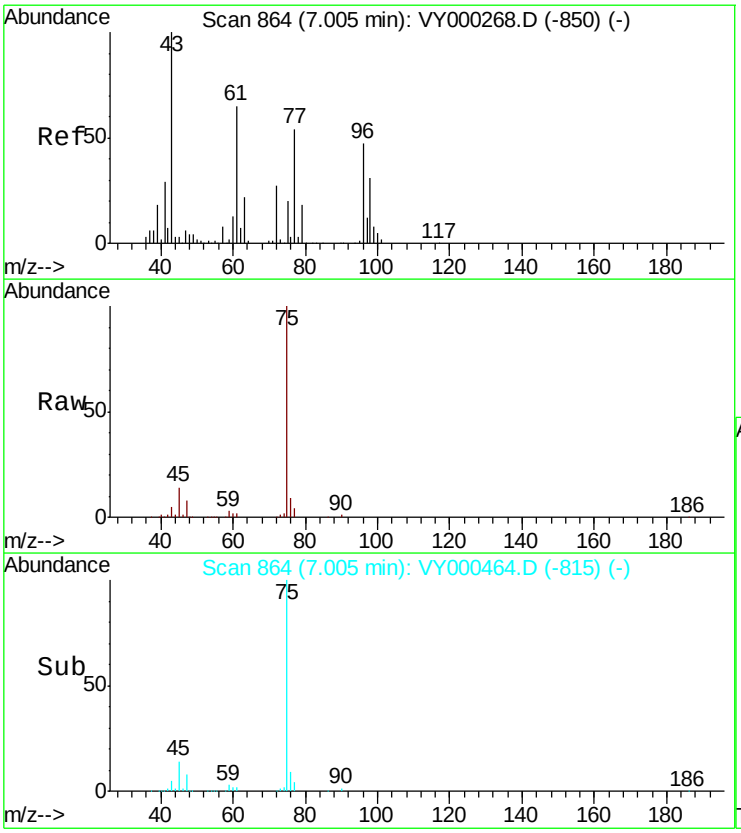
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 7496

Ion	Ratio	Lower	Upper
84	100		
49	104.7	99.0	148.4
51	30.2	29.3	43.9
86	52.1	50.2	75.4

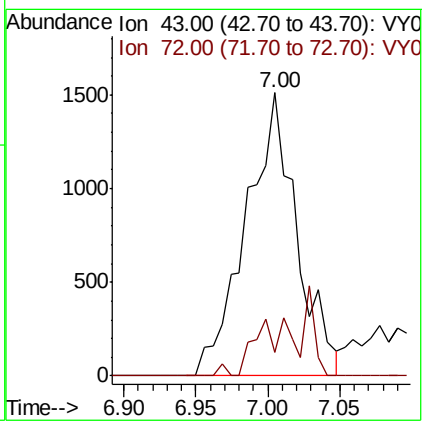


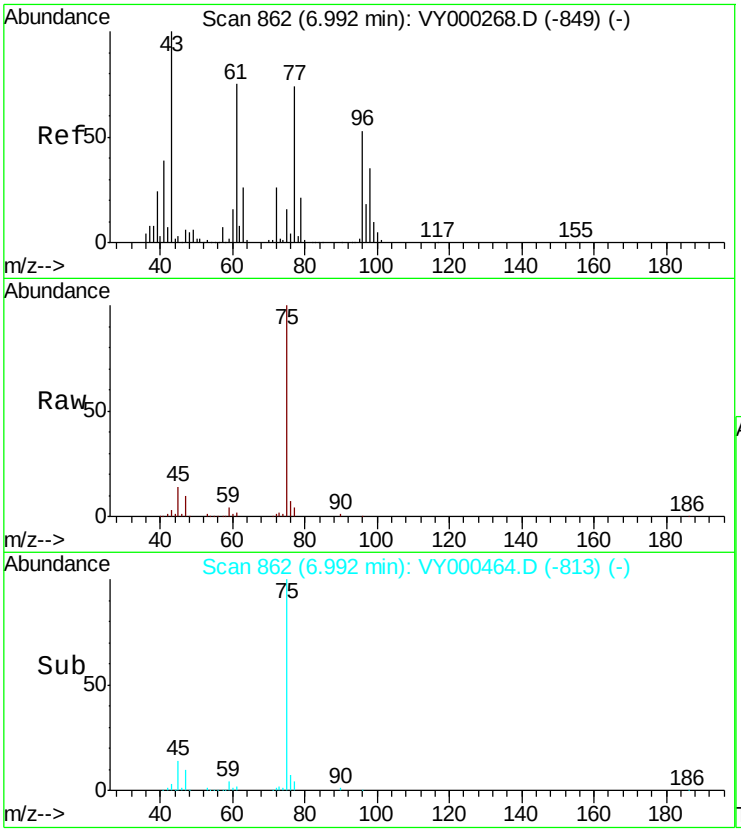


#25
2-Butanone
Concen: 3.753 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Tgt Ion: 43 Resp: 3699

Ion	Ratio	Lower	Upper
43	100		
72	8.2	21.4	32.2#



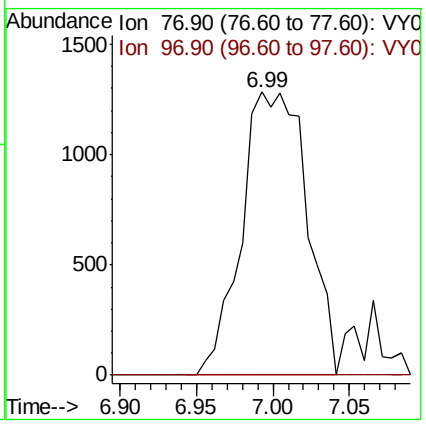


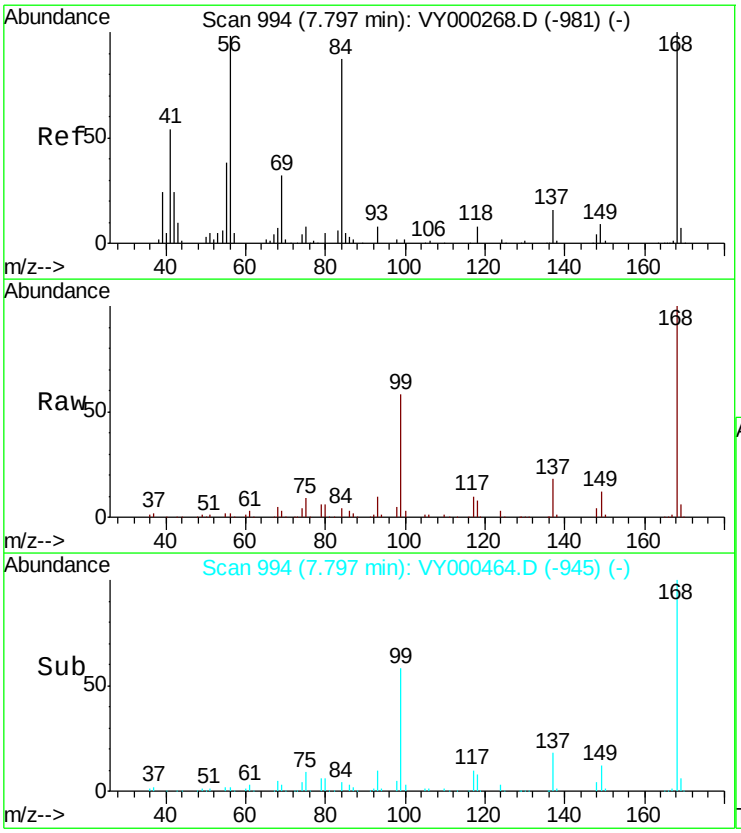
#26
2,2-Dichloropropane
Concen: 1.039 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 77 Resp: 3790

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.6	34.7#

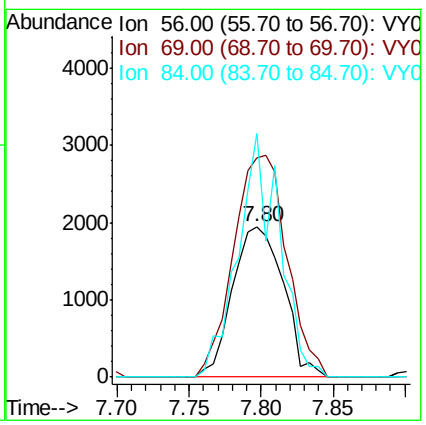


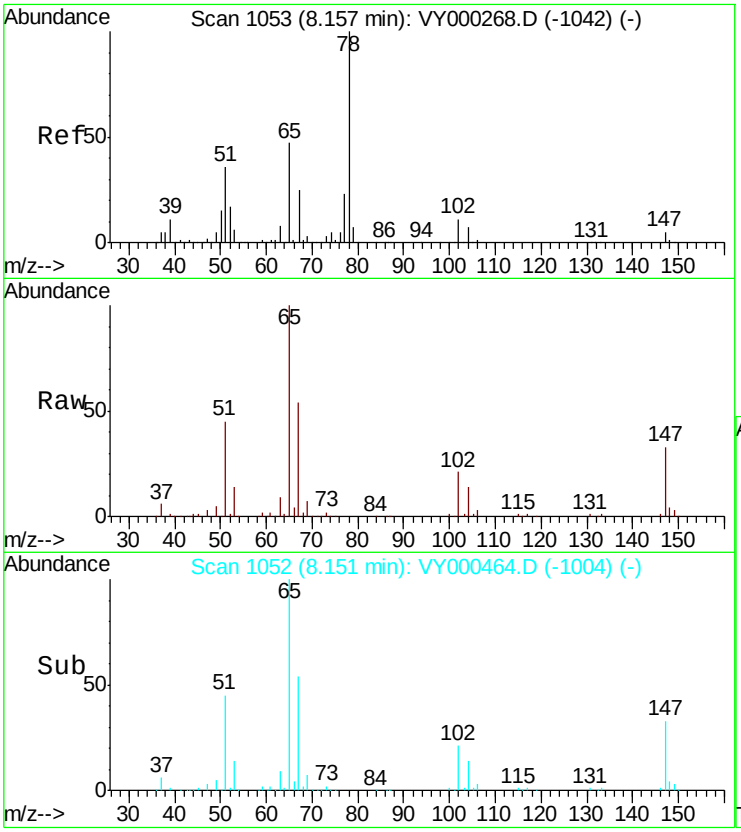


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Tgt Ion: 56 Resp: 4771

Ion	Ratio	Lower	Upper
56	100		
69	145.6	26.3	39.5#
84	161.5	70.8	106.2#



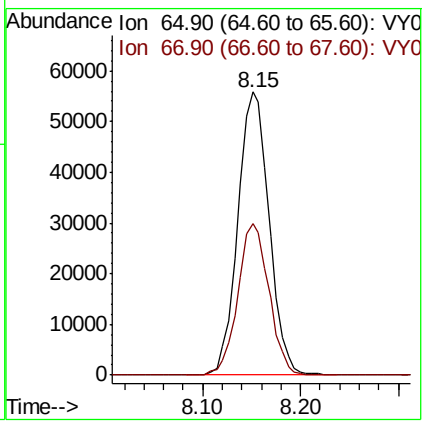


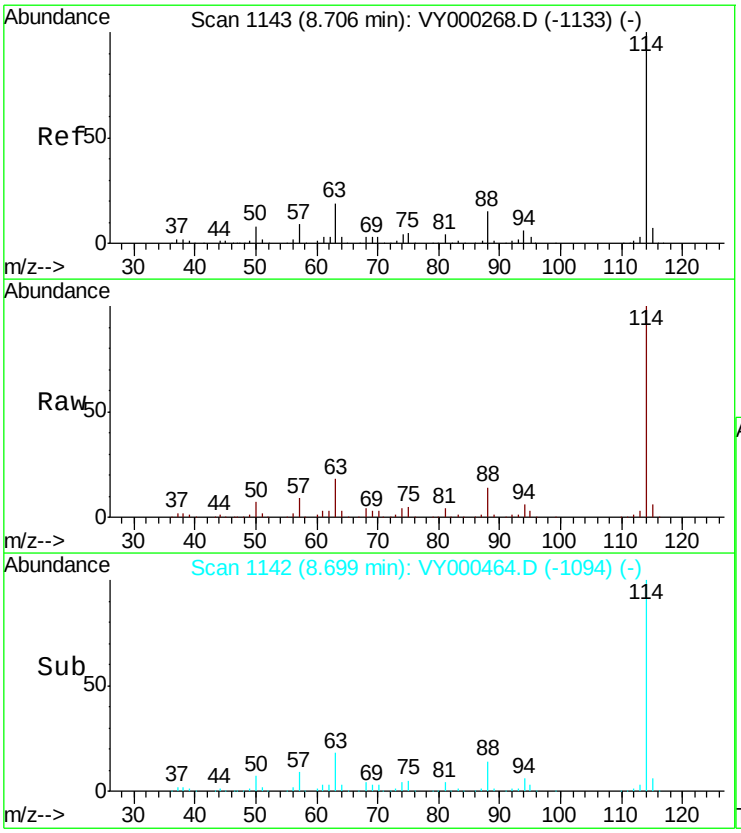
#33
1,2-Dichloroethane-d4
Concen: 57.144 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 123449

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	109.4

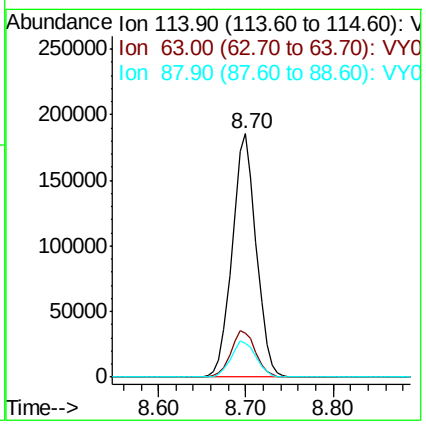


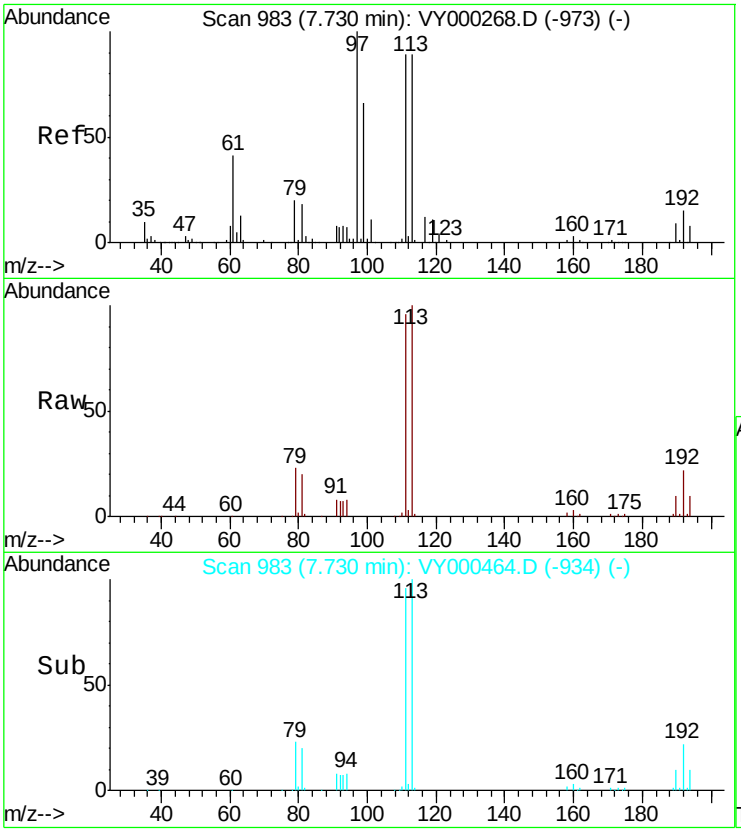


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Tgt Ion:114 Resp: 354024

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	37.2
88	13.8	0.0	30.2



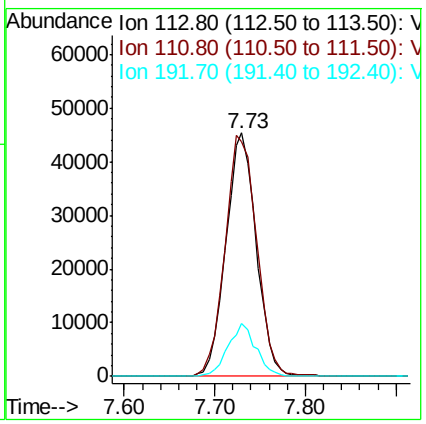


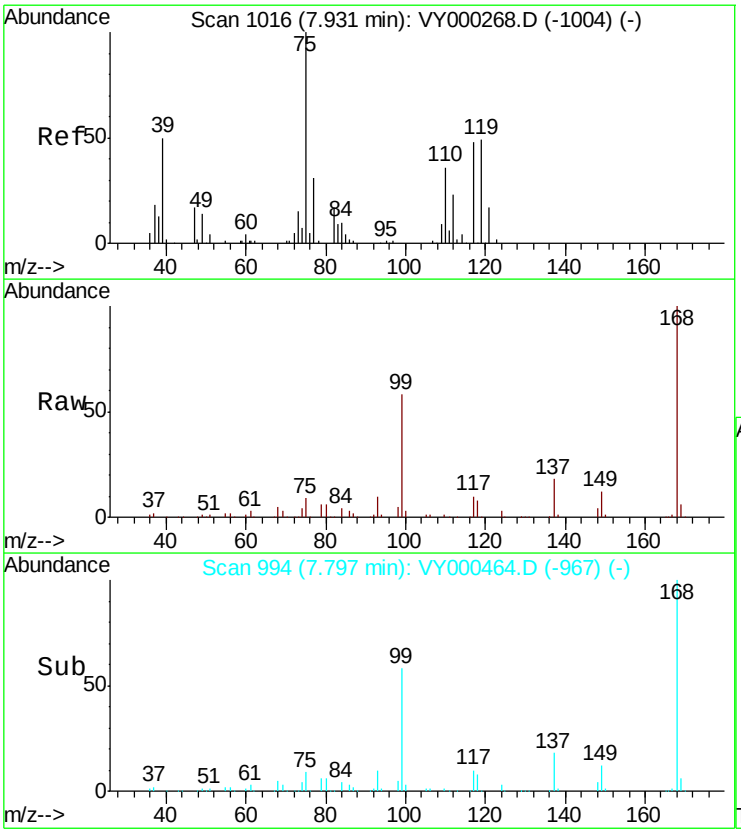
#35
Dibromofluoromethane
Concen: 49.371 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 105433

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	19.7	15.3	22.9

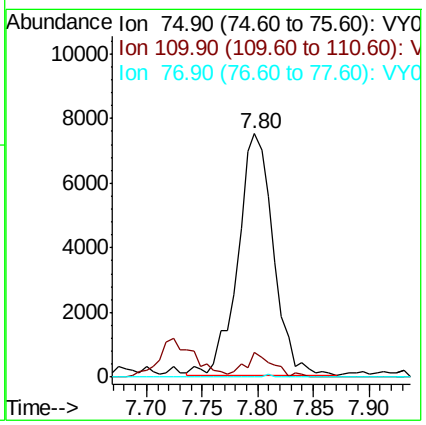


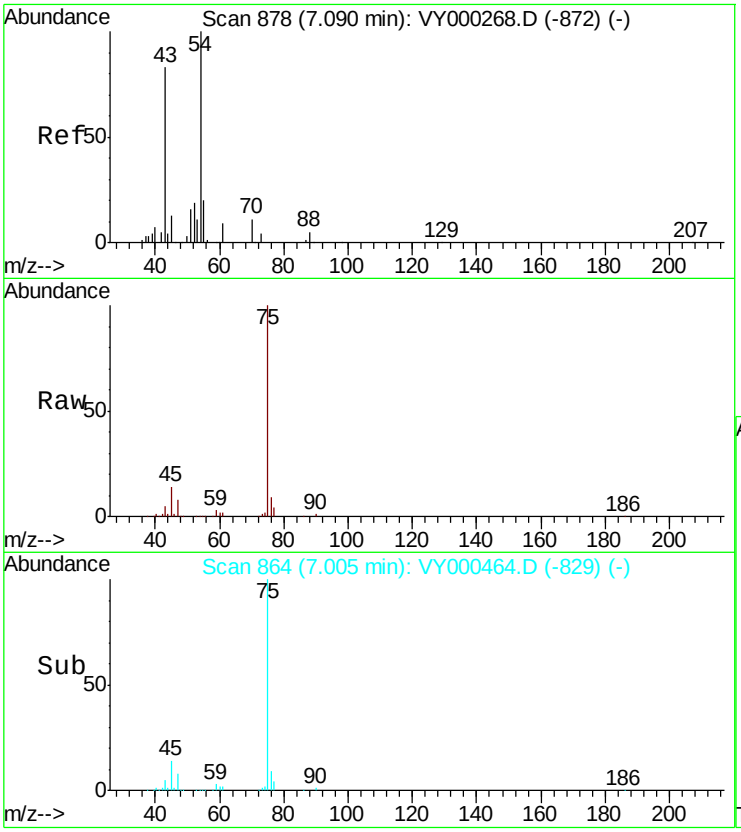


#36
1,1-Dichloropropene
Concen: 4.765 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Tgt Ion: 75 Resp: 16516

Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.4	55.4#
77	0.2	25.0	37.6#



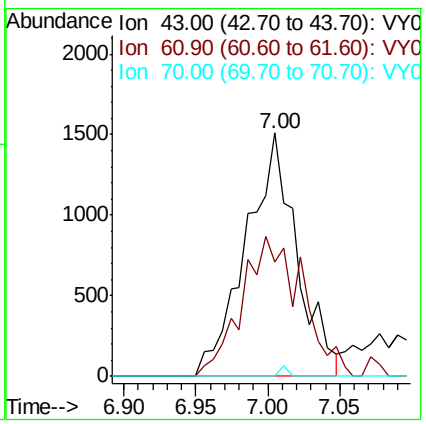


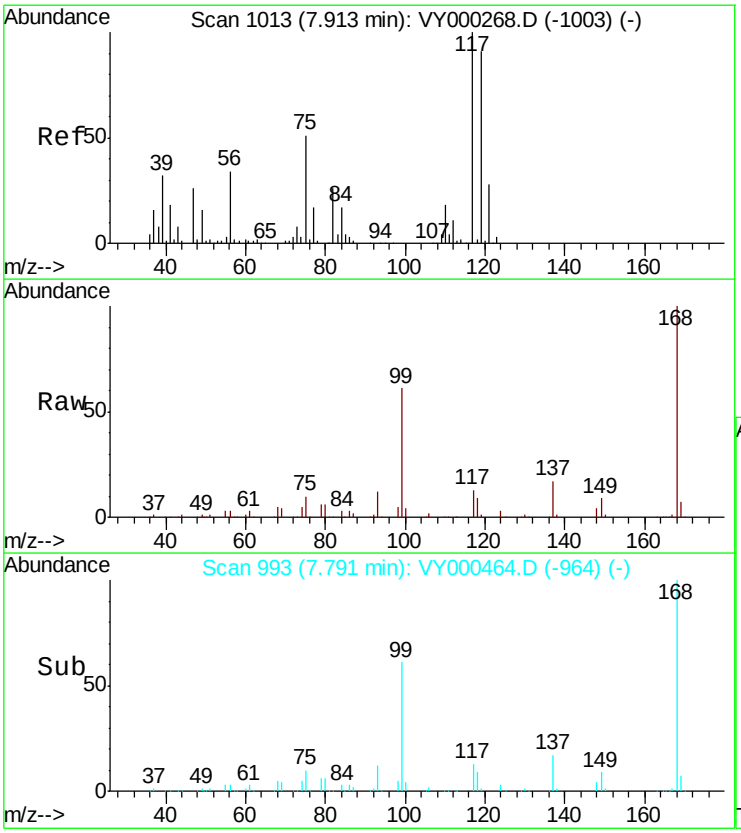
#37
Ethyl Acetate
Concen: 1.802 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.09 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3699

Ion	Ratio	Lower	Upper
43	100		
61	68.5	12.1	18.1#
70	0.7	8.7	13.1#

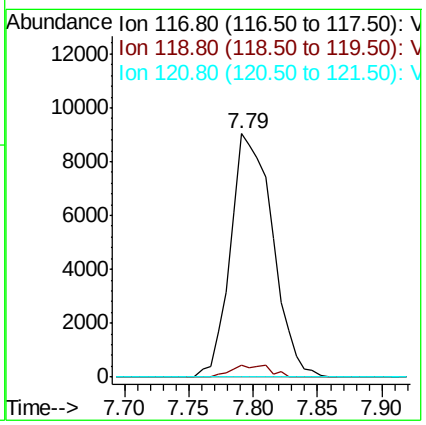


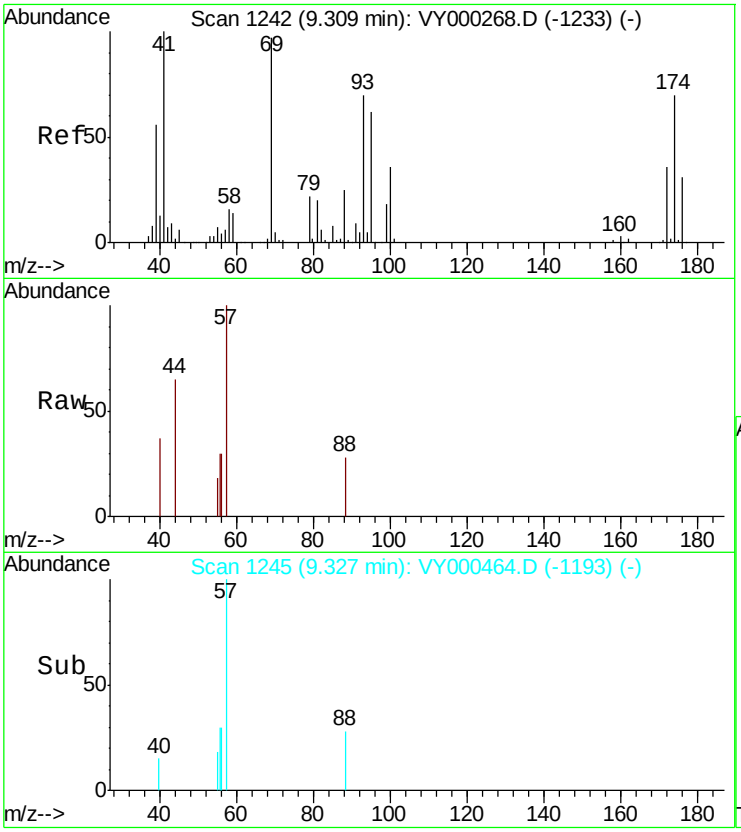


#38
Carbon Tetrachloride
Concen: 6.102 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Tgt Ion:117 Resp: 20478

Ion	Ratio	Lower	Upper
117	100		
119	4.7	72.8	109.2#
121	0.0	22.2	33.2#



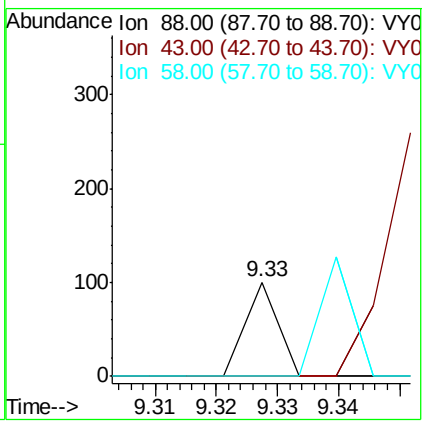


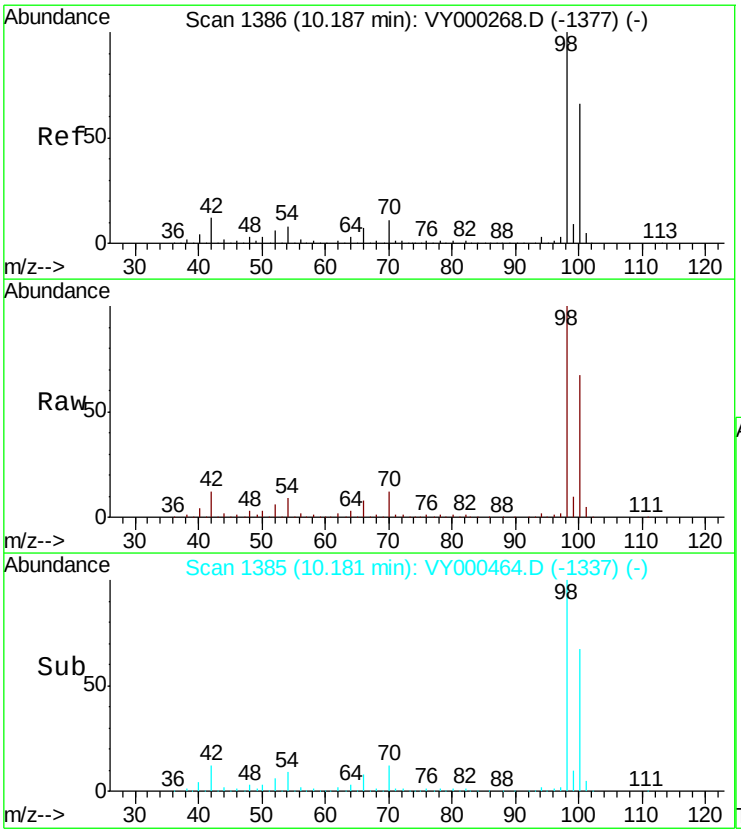
#49
1,4-Dioxane
Concen: 1.796 ug/l
RT: 9.33 min Scan# 1245
Delta R.T. 0.02 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 37

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.6	38.4#
58	0.0	54.6	81.8#

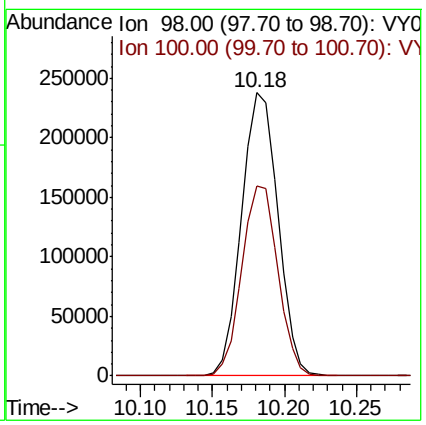


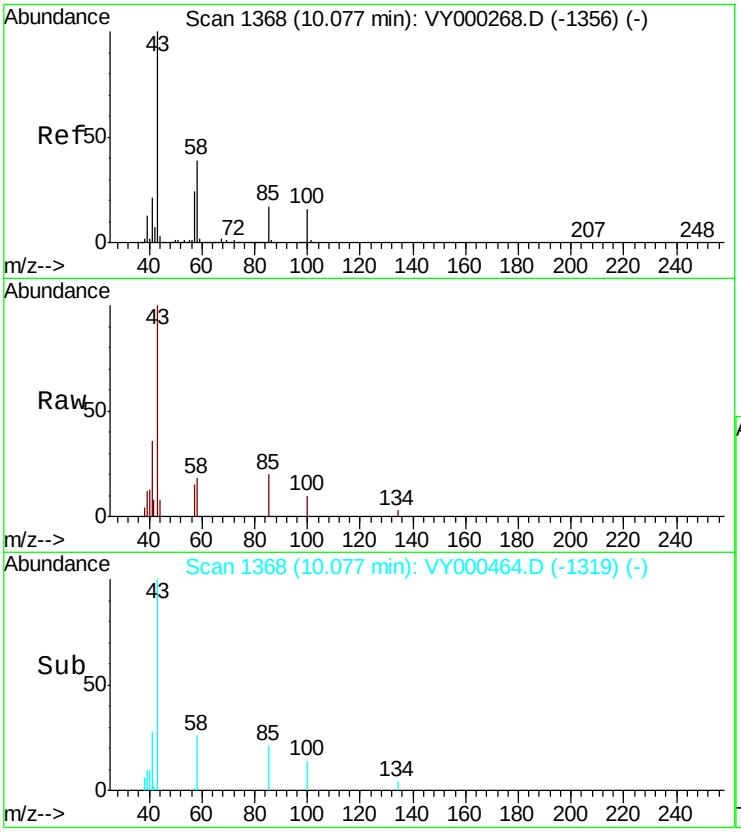


#50
Toluene-d8
Concen: 50.650 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Tgt Ion: 98 Resp: 416076

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.8	79.2



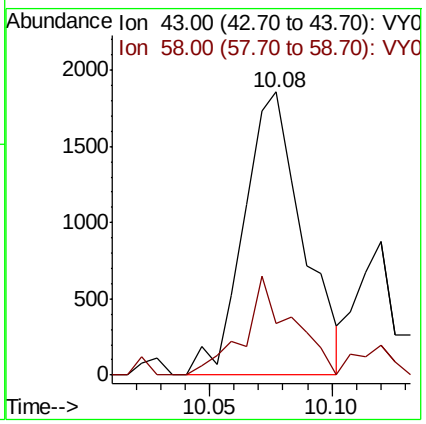


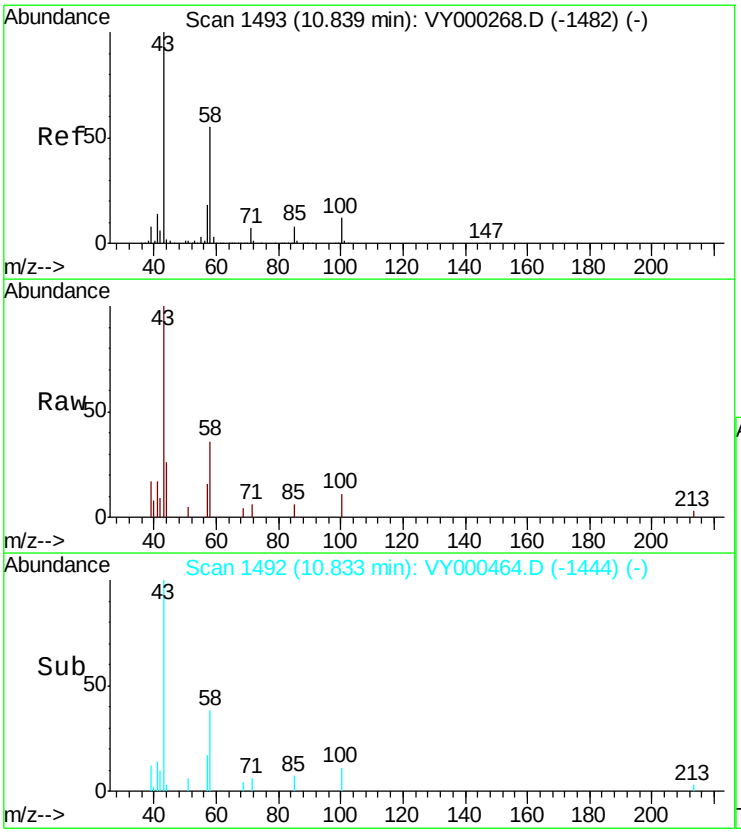
#51
4-Methyl-2-Pentanone
Concen: 1.539 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3098

Ion	Ratio	Lower	Upper
43	100		
58	28.7	31.0	46.6#

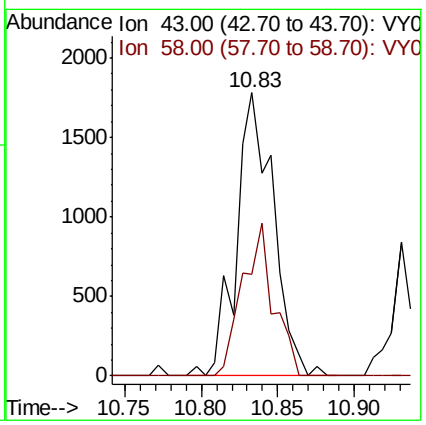


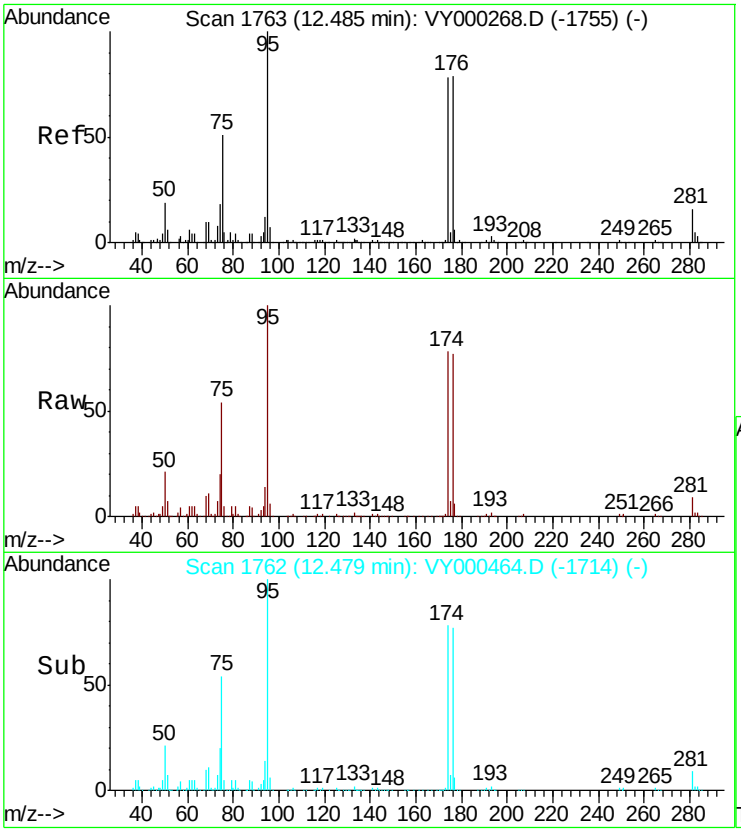


#59
2-Hexanone
Concen: 2.118 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Tgt Ion: 43 Resp: 2992

Ion	Ratio	Lower	Upper
43	100		
58	45.4	27.7	83.1



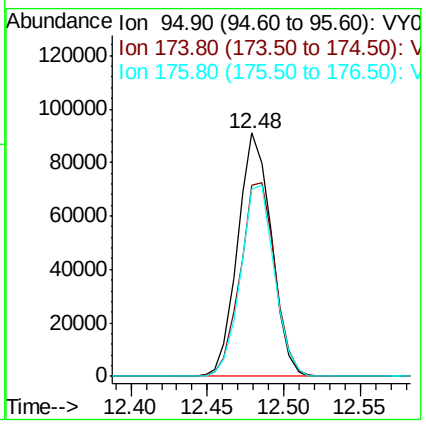


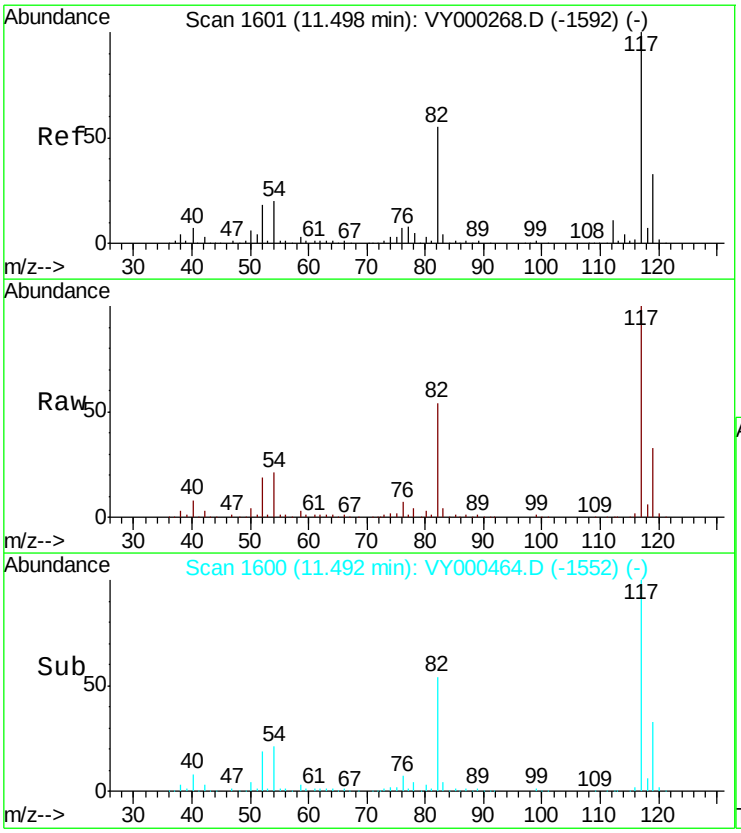
#62
4-Bromofluorobenzene
Concen: 44.624 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 139264

Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	159.6
176	78.8	0.0	153.8

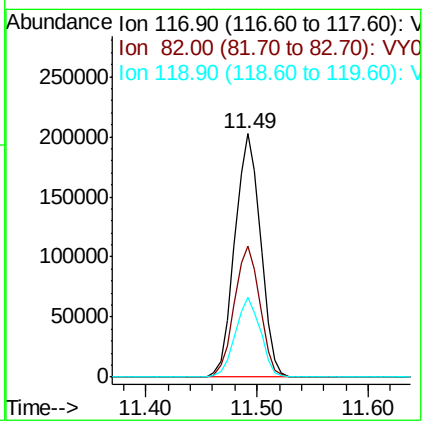


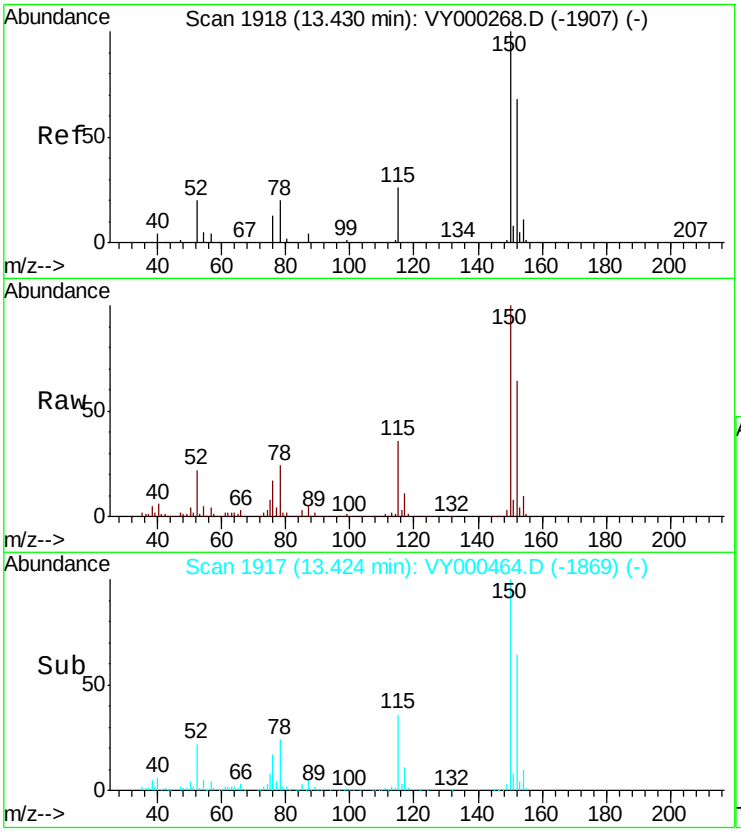


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Tgt Ion:117 Resp: 323858

Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.7	65.5
119	32.6	26.6	39.8



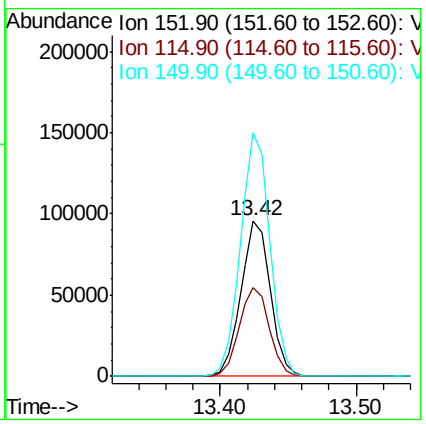


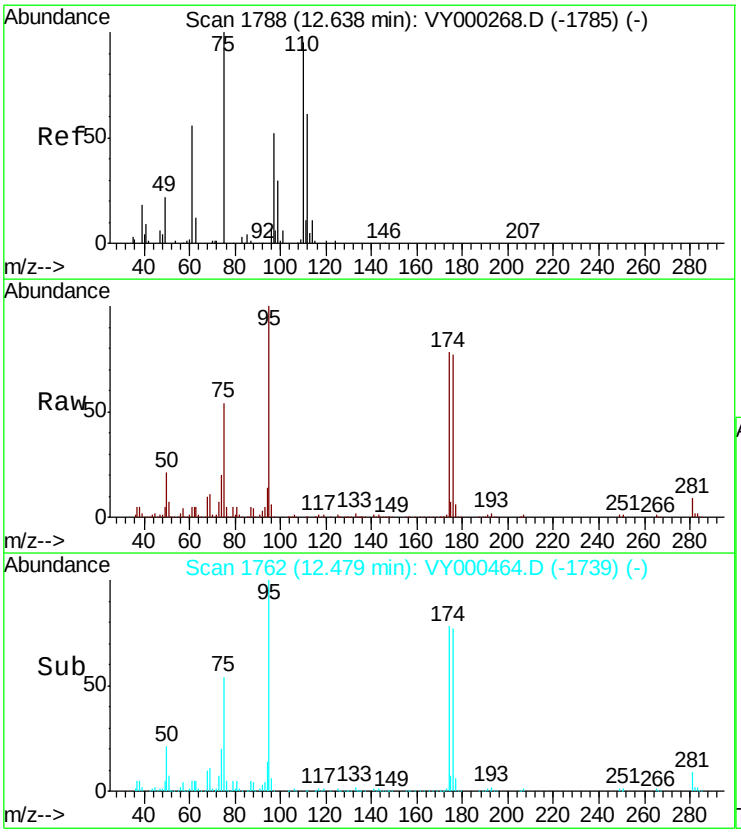
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 144987

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	88.0
150	155.5	0.0	348.4

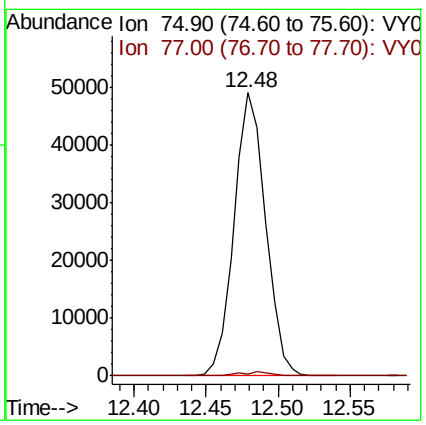


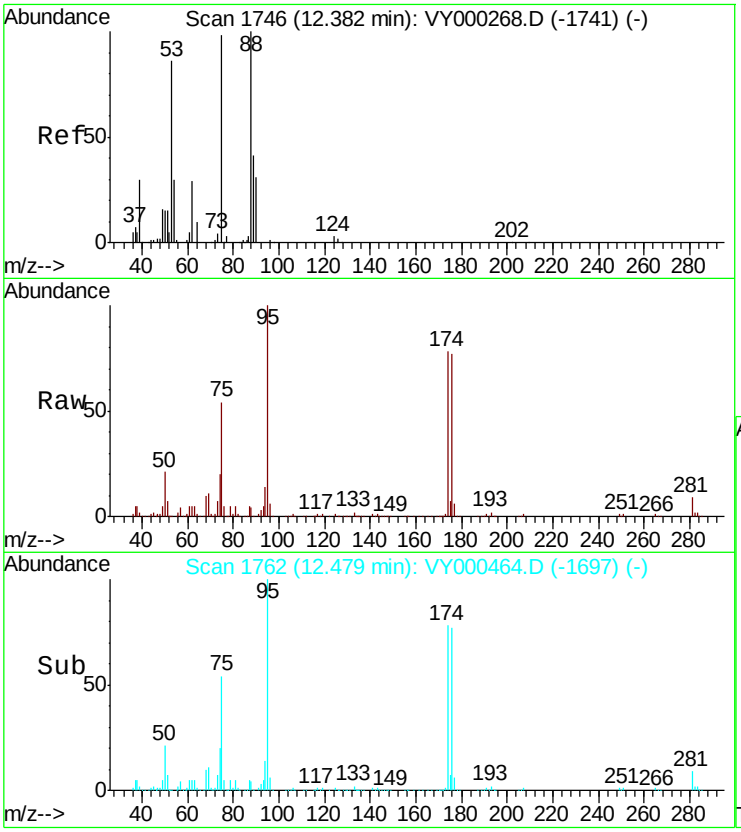


#76
1,2,3-Trichloropropane
Concen: 41.868 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Tgt Ion: 75 Resp: 74645

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#



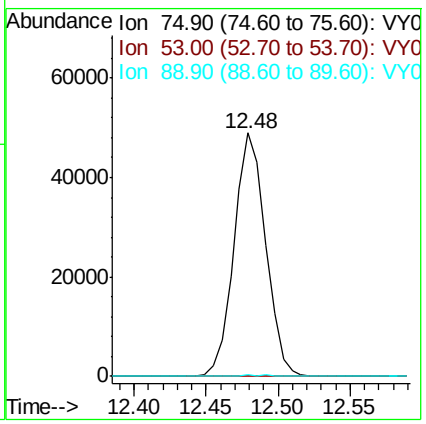


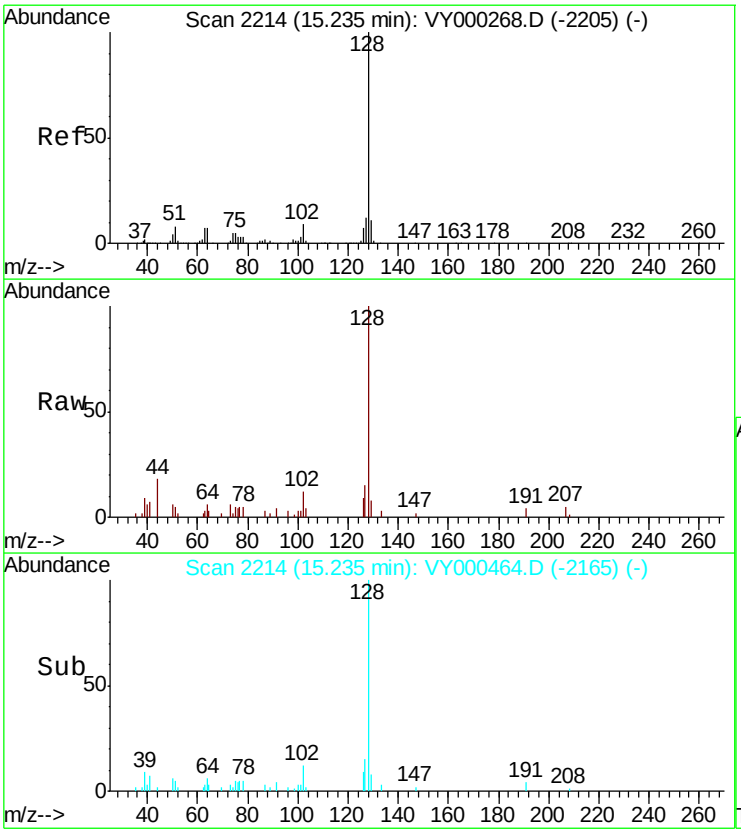
#81
trans-1,4-Dichloro-2-butene
Concen: 91.607 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74645

Ion	Ratio	Lower	Upper
75	100		
53	0.1	71.3	106.9#
89	0.4	35.1	52.7#





#95
Naphthalene
Concen: 1.028 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000464.D
Acq: 29 Oct 2019 11:03

Tgt Ion:128 Resp: 7164

Ion	Ratio	Lower	Upper
128	100		
127	14.6	9.6	14.4#
129	8.7	8.7	13.1#