Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020320\
Data File : VY001475.D
Acq On : 03 Feb 2020 15:29
Operator : SY/MD
Sample : L1345-04
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Feb 04 04:20:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	208637	50.00	ug/l		-0.02
34) 1,4-Difluorobenzene	8.70	114	380477	50.00	ug/l		-0.01
63) Chlorobenzene-d5	11.49	117	350380	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160248	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	123164	54.25	ug/l		-0.01
Spiked Amount 50.000			Recovery = 108.50%				
35) Dibromofluoromethane	7.73	113	115731	51.83	ug/l		-0.02
Spiked Amount 50.000			Recovery = 103.66%				
50) Toluene-d8	10.18	98	447871	51.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.24%				
62) 4-Bromofluorobenzene	12.48	95	174261	50.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.88%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.94	59	1317	Below Cal	#		79
13) Acrolein	3.76	56	26	Below Cal	#		1
16) Acetone	3.96	43	7710	5.478	ug/l		96
25) 2-Butanone	7.00	43	3501	3.543	ug/l		97
31) Cyclohexane	7.80	56	6820	1.554	ug/l	#	19
36) 1,1-Dichloropropene	7.80	75	16296	4.534	ug/l	#	50
38) Carbon Tetrachloride	7.80	117	21595	6.741	ug/l	#	15
39) Methylcyclohexane	9.19	83	10358	2.249	ug/l		92
55) 1,1,2-Trichloroethane	10.62	97	5494	2.545	ug/l	#	20
59) 2-Hexanone	10.80	43	6016	3.929	ug/l	#	29
67) Ethyl Benzene	11.60	91	25168	1.849	ug/l		100
68) m/p-Xylenes	11.70	106	34730	6.832	ug/l		97
74) N-amyl acetate	12.12	43	11593	2.801	ug/l	#	43
76) 1,2,3-Trichloropropane	12.48	75	84464	43.741	ug/l	#	100
78) n-propylbenzene	12.67	91	79002	5.191	ug/l		99
80) 1,3,5-Trimethylbenzene	12.81	105	53256	5.046	ug/l		96
81) trans-1,4-Dichloro-2-buten	12.48	75	84464	82.775	ug/l	#	15
83) tert-Butylbenzene	13.12	119	25022	2.812	ug/l	#	64
84) 1,2,4-Trimethylbenzene	13.12	105	208913	19.715	ug/l		100
89) n-Butylbenzene	13.70	91	55827	4.980	ug/l	#	70
90) Hexachloroethane	13.97	117	17275	8.181	ug/l	#	15
92) 1,2-Dibromo-3-Chloropropan	14.38	75	651	1.393	ug/l	#	1
95) Naphthalene	15.23	128	243014	31.832	ug/l		99

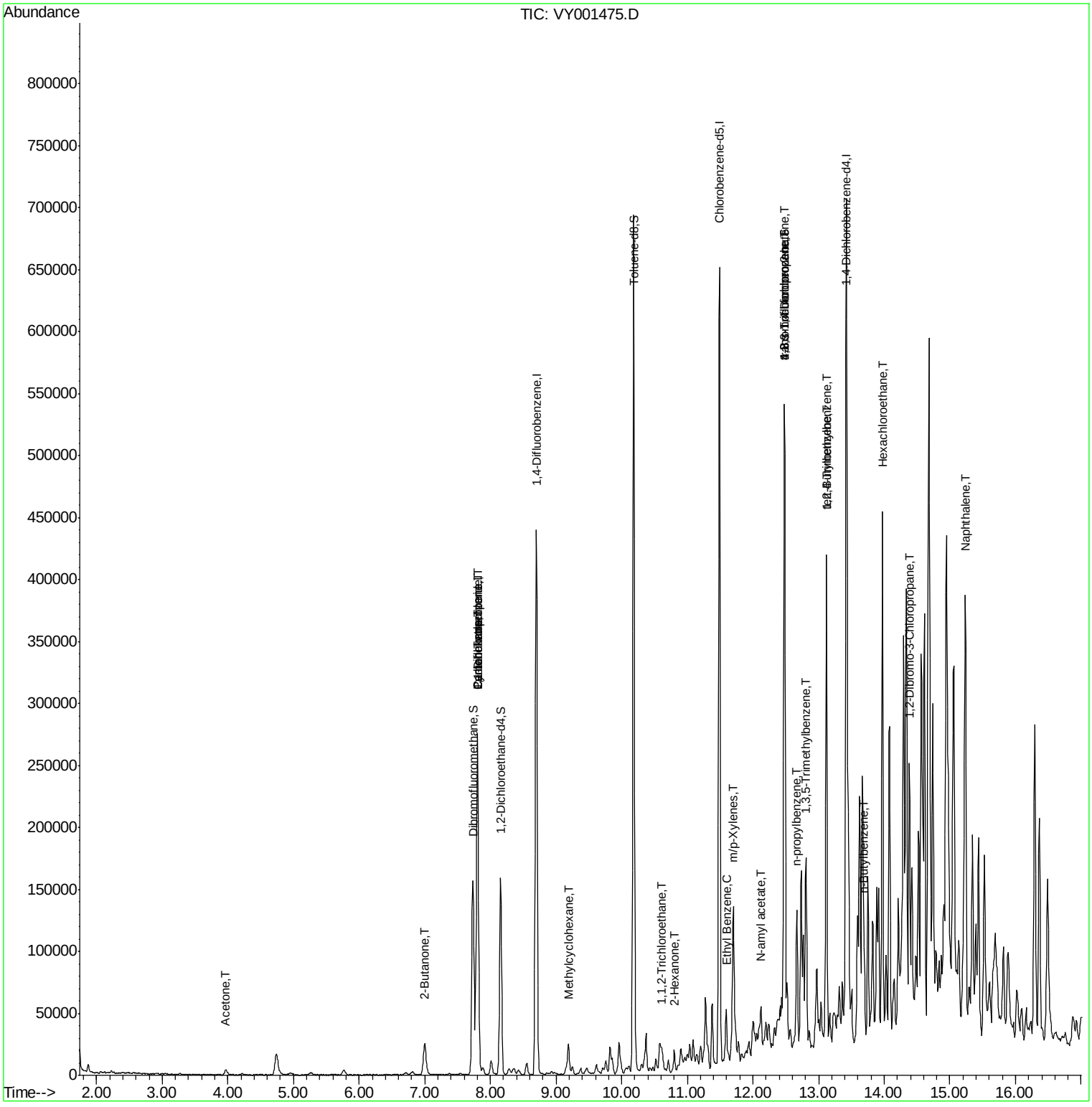
(#) = qualifier out of range (m) = manual integration (+) = signals summed

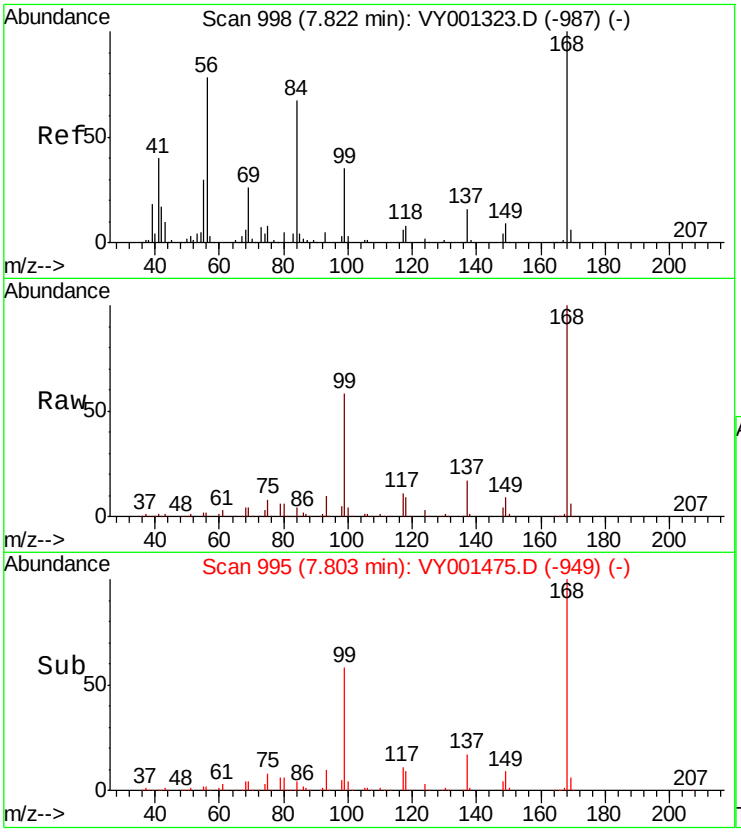
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020320\
Data File : VY001475.D
Acq On : 03 Feb 2020 15:29
Operator : SY/MD
Sample : L1345-04
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 04 04:20:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration



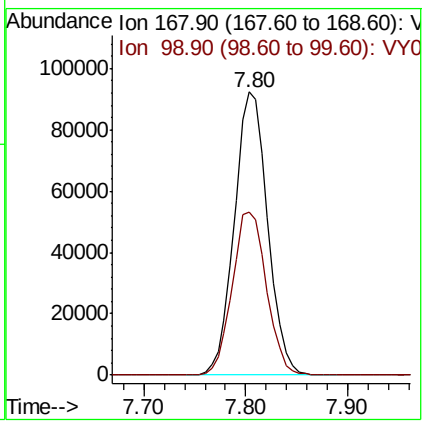


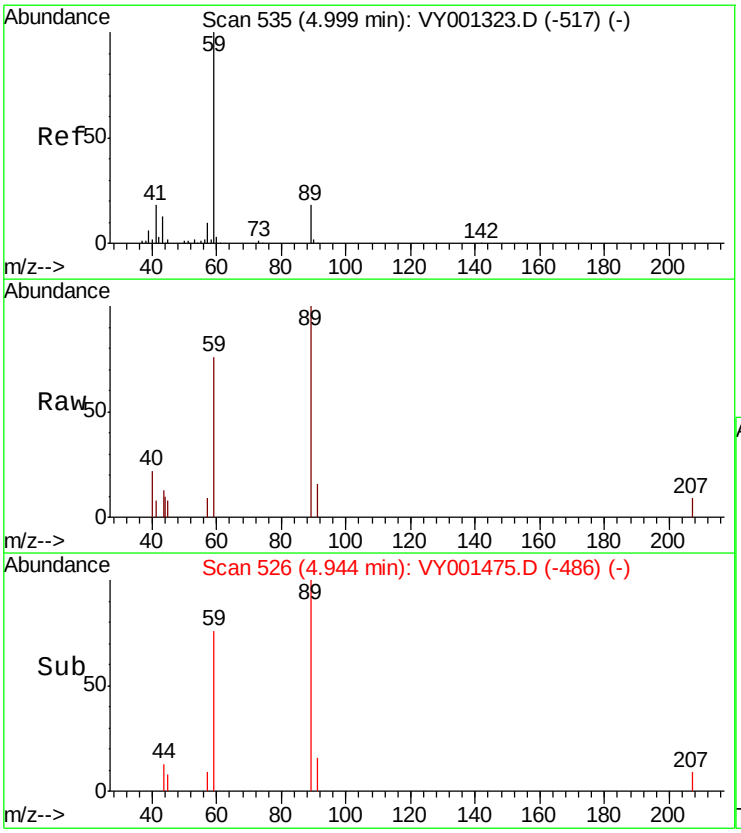
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.02 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion:168 Resp: 208637

Ion	Ratio	Lower	Upper
168	100		
99	57.7	44.3	66.5

Instrument :
MSVOA_Y
ClientSampleId :

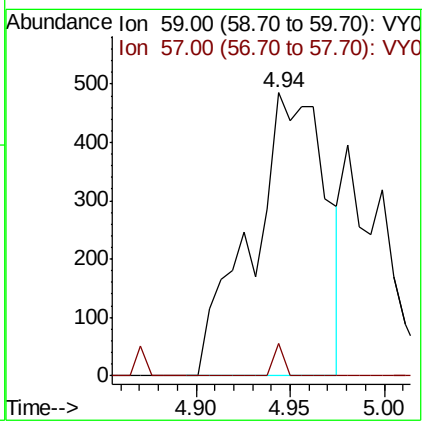


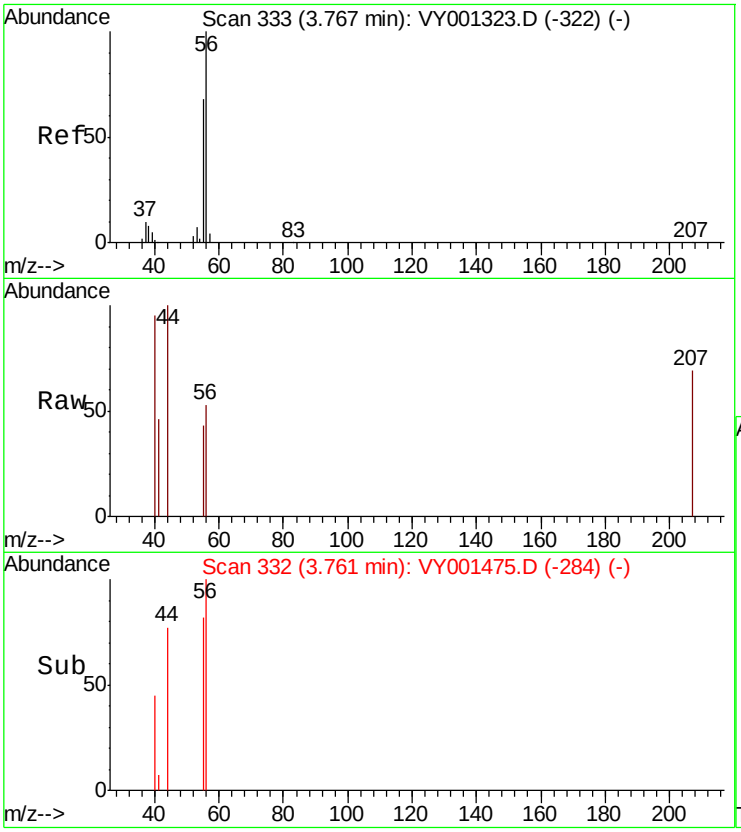


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.94 min Scan# 526
Delta R.T. -0.06 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 59 Resp: 1317

Ion	Ratio	Lower	Upper
59	100		
57	1.5	7.4	11.2#



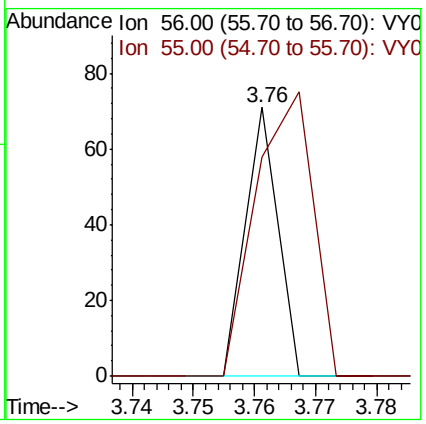


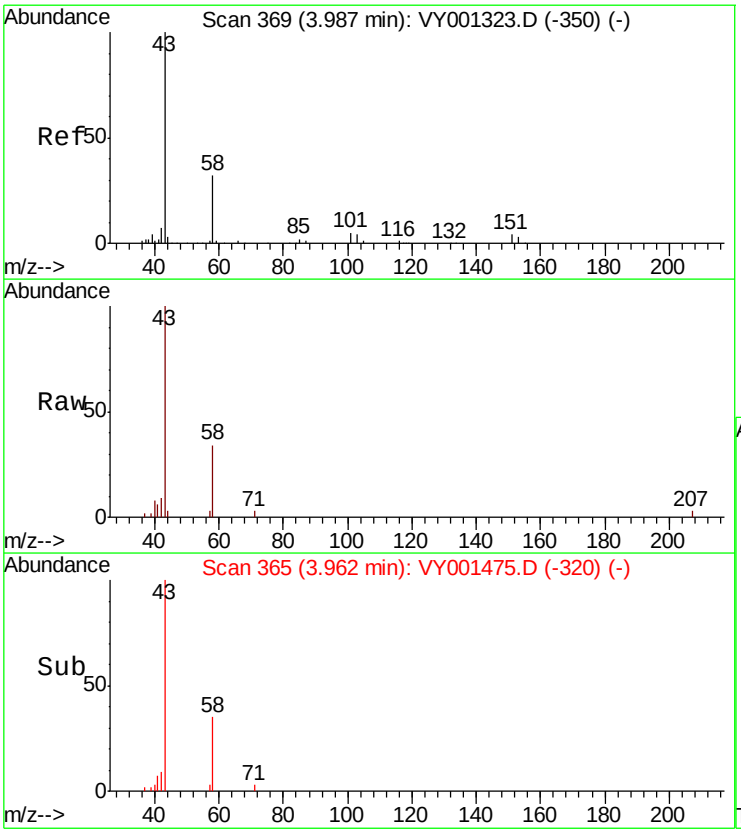
#13
Acrolein
Concen: Below Cal
RT: 3.76 min Scan# 332
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 26

Ion	Ratio	Lower	Upper
56	100		
55	188.5	55.9	83.9#

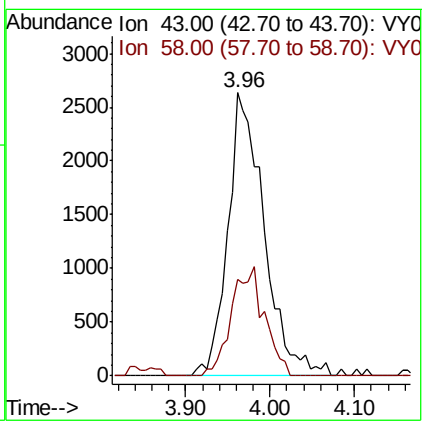


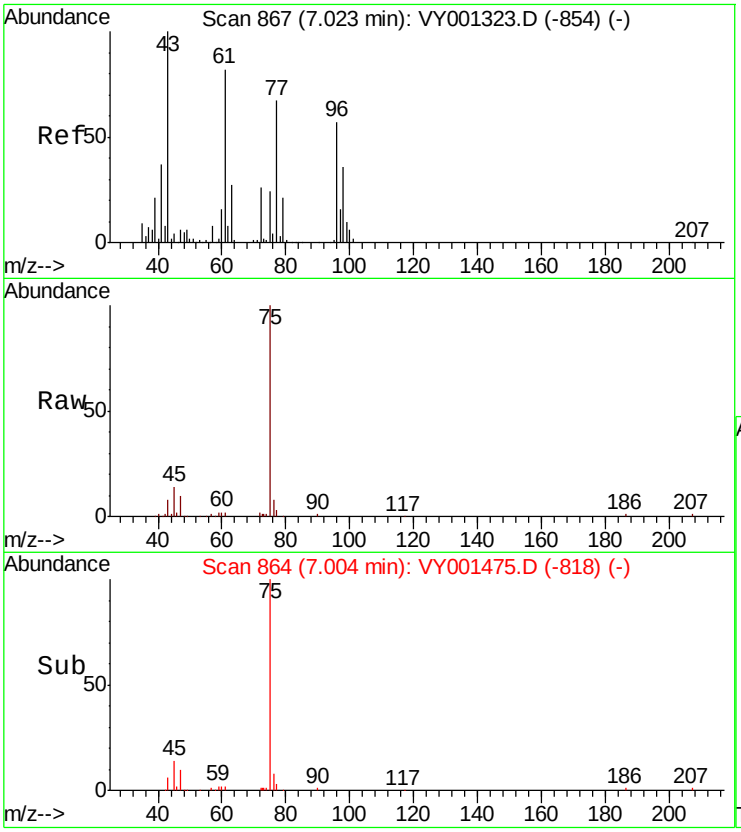


#16
Acetone
Concen: 5.478 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.02 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 43 Resp: 7710

Ion	Ratio	Lower	Upper
43	100		
58	33.9	25.4	38.0



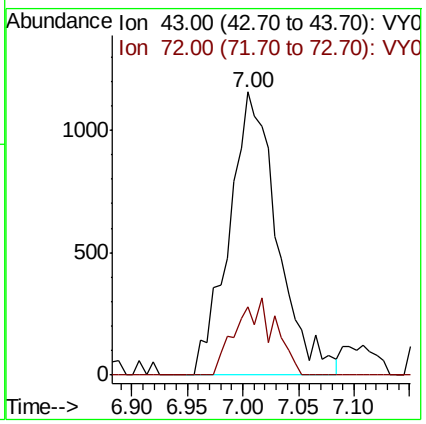


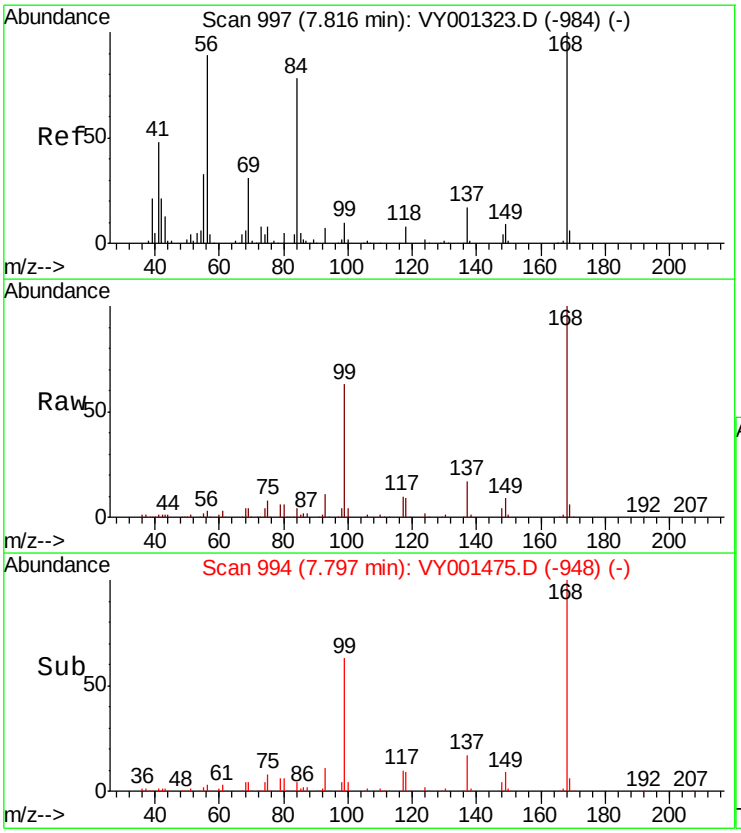
#25
2-Butanone
Concen: 3.543 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.02 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3501

Ion	Ratio	Lower	Upper
43	100		
72	24.2	20.6	31.0

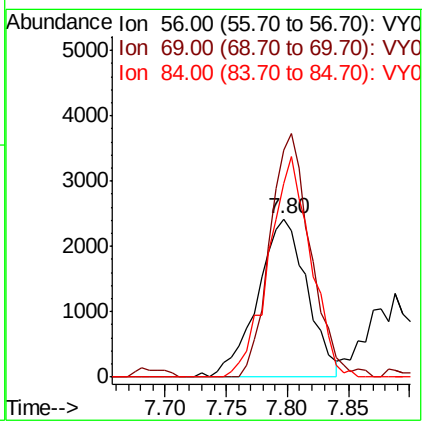


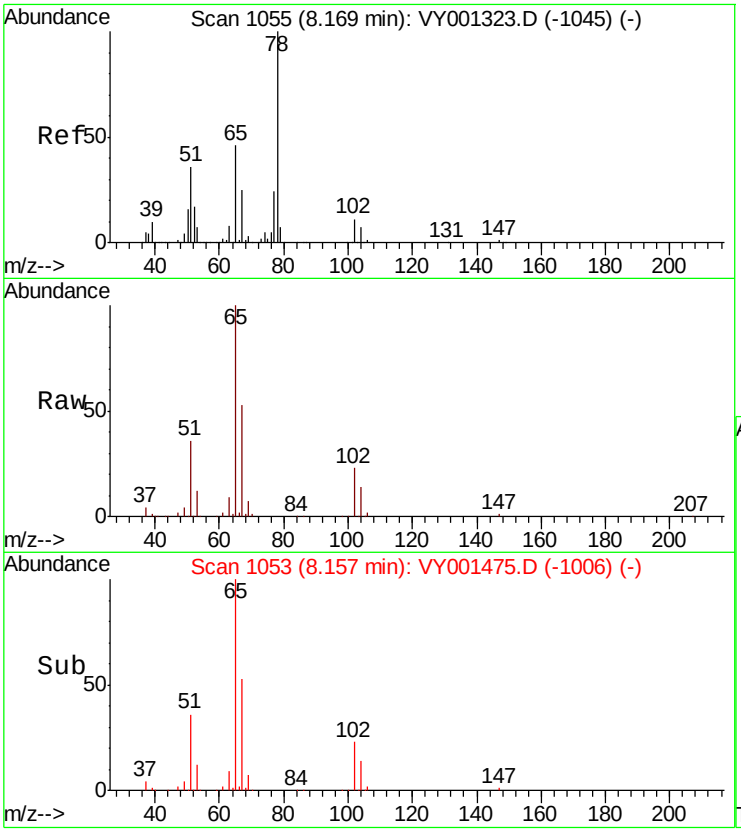


#31
Cyclohexane
Concen: 1.554 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.02 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 56 Resp: 6820

Ion	Ratio	Lower	Upper
56	100		
69	143.1	27.6	41.4#
84	122.5	69.7	104.5#



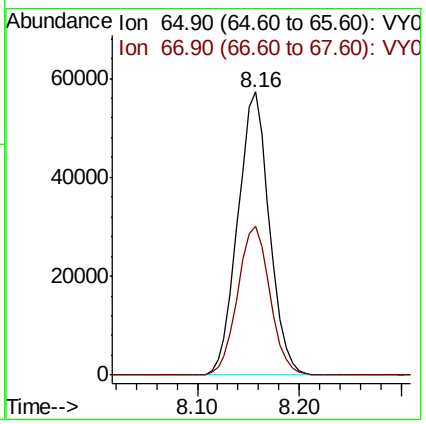


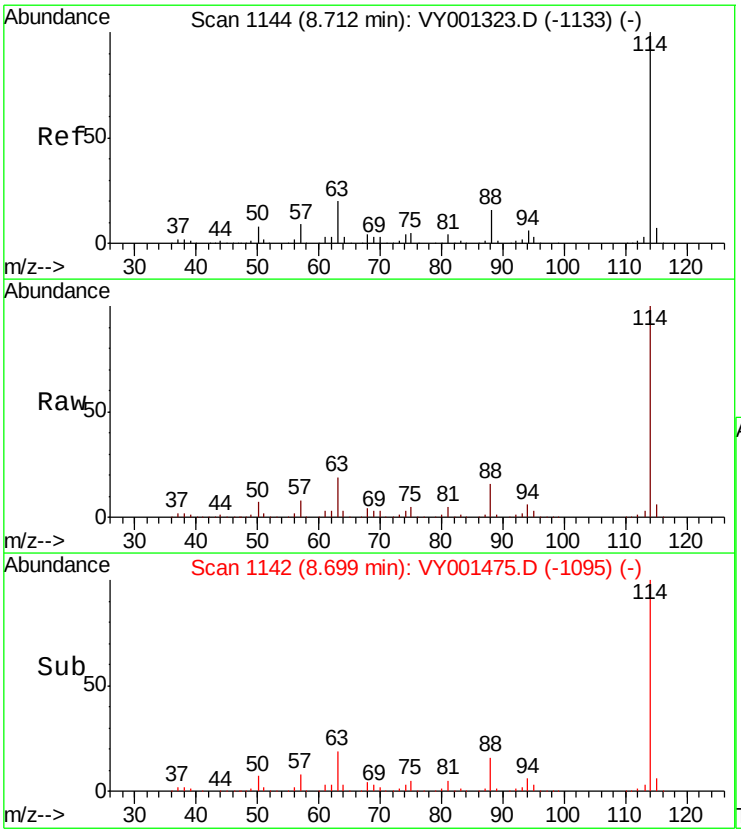
#33
1,2-Dichloroethane-d4
Concen: 54.251 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 123164

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.6

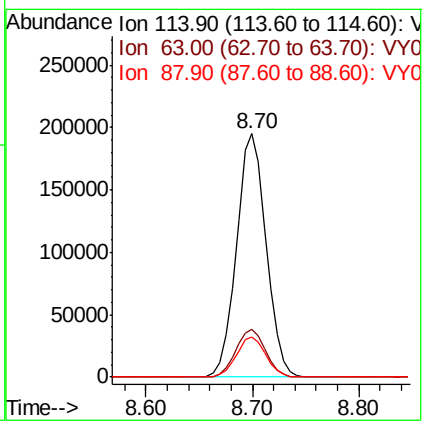


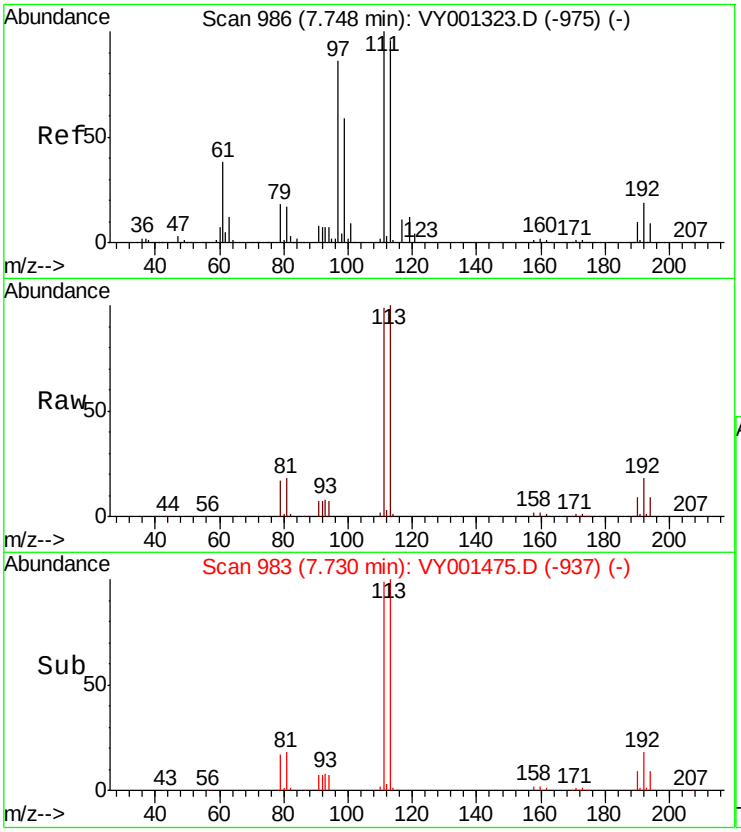


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion:114 Resp: 380477

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	16.3	0.0	31.0



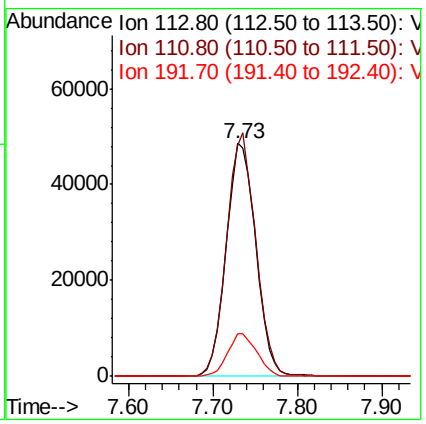


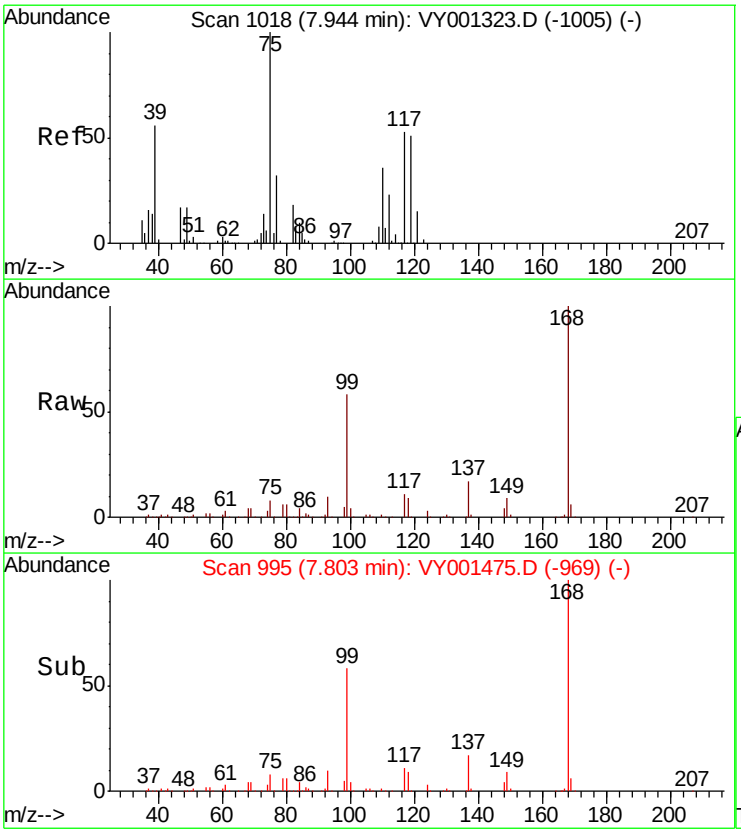
#35
Dibromofluoromethane
Concen: 51.826 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.02 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 115731

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	18.1	15.5	23.3

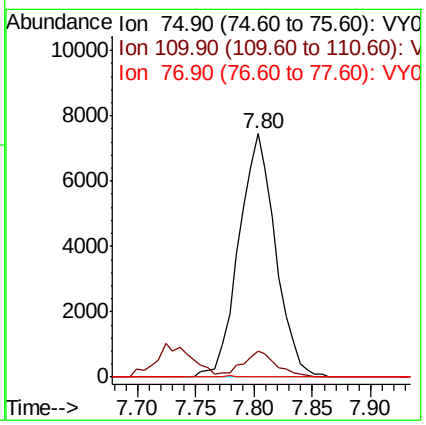


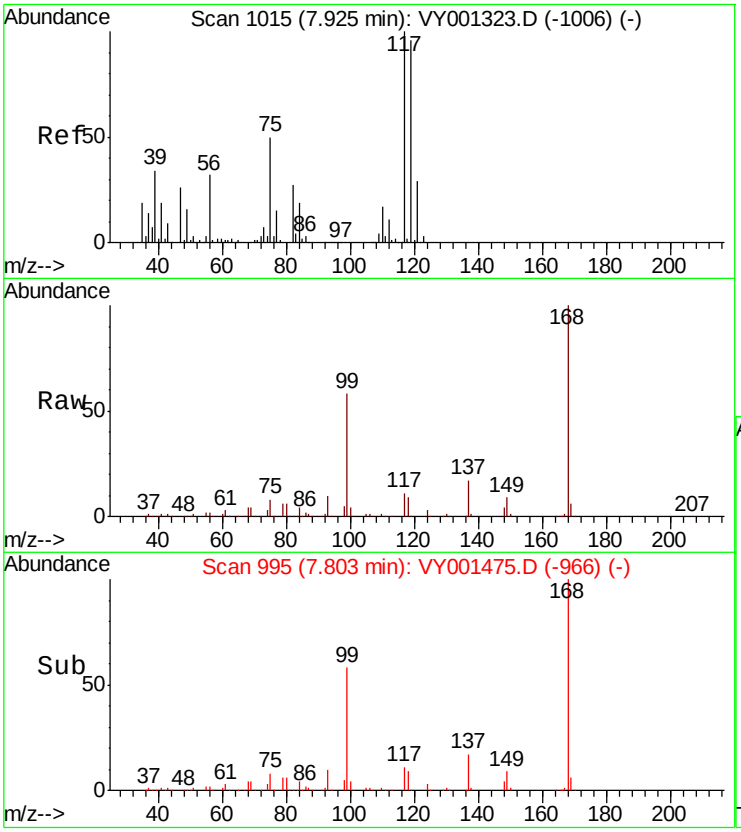


#36
1,1-Dichloropropene
Concen: 4.534 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.14 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 75 Resp: 16296

Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.6	52.8#
77	0.0	24.7	37.1#



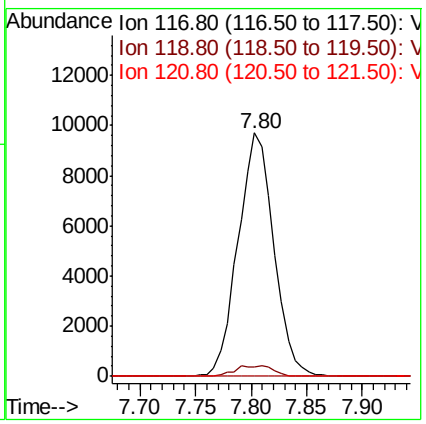


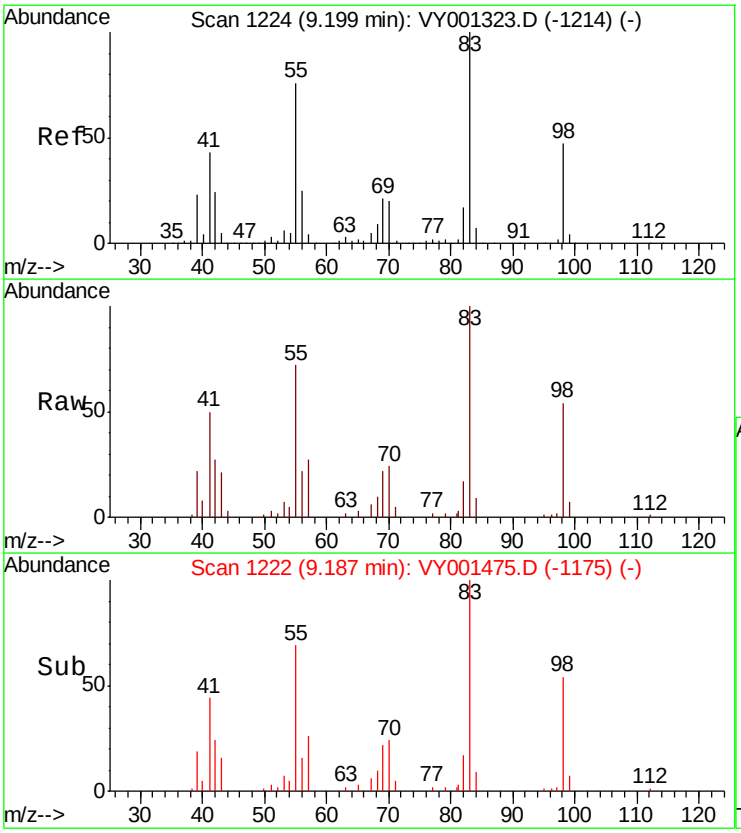
#38
Carbon Tetrachloride
Concen: 6.741 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 21595

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.3	114.5#
121	0.0	23.5	35.3#

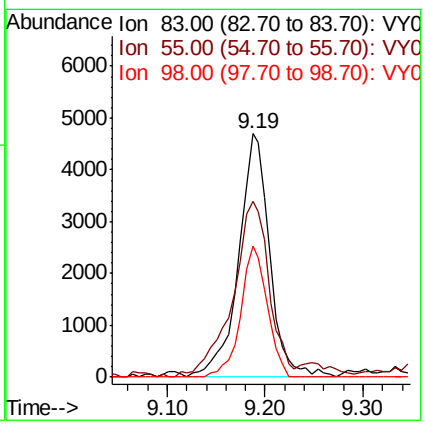


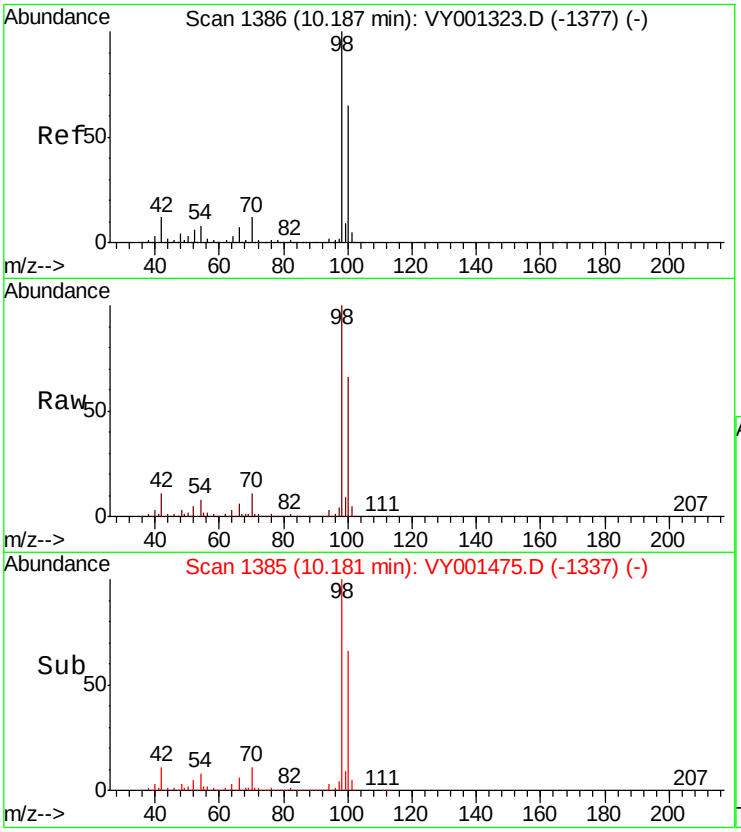


#39
Methylcyclohexane
Concen: 2.249 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 83 Resp: 10358

Ion	Ratio	Lower	Upper
83	100		
55	70.2	60.7	91.1
98	53.7	37.8	56.8



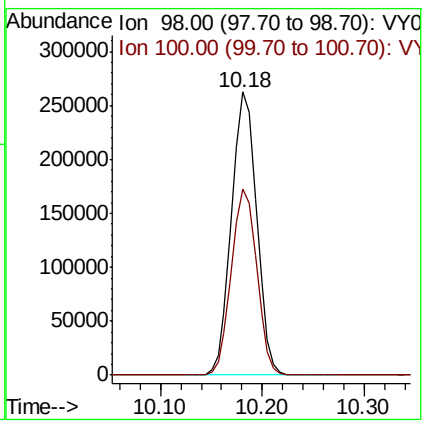


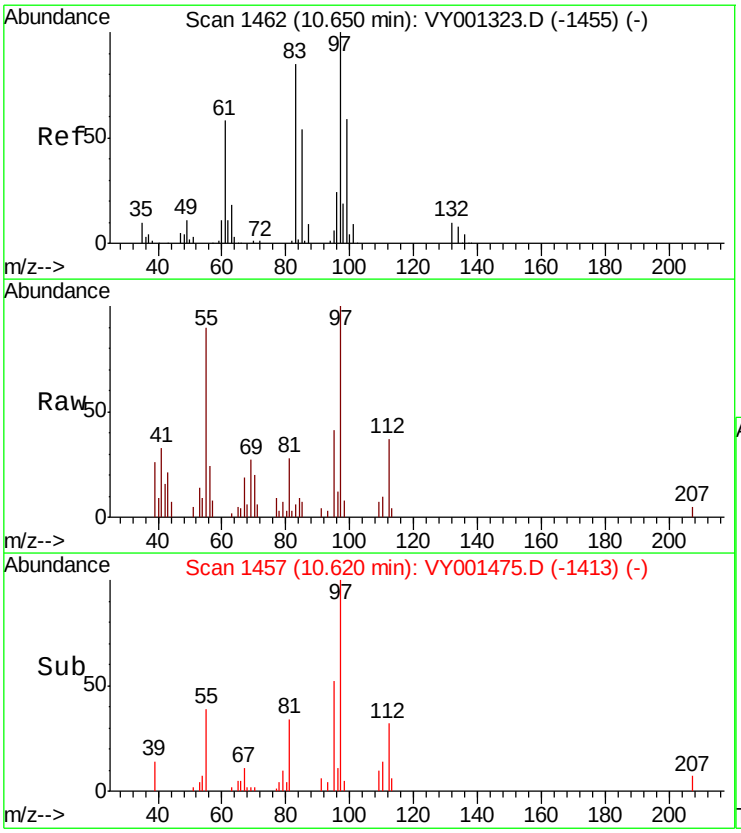
#50
Toluene-d8
Concen: 51.622 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 447871

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	79.0

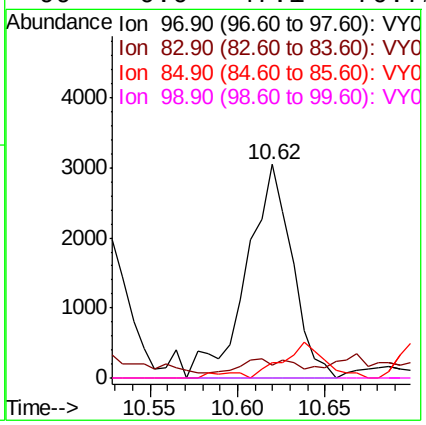


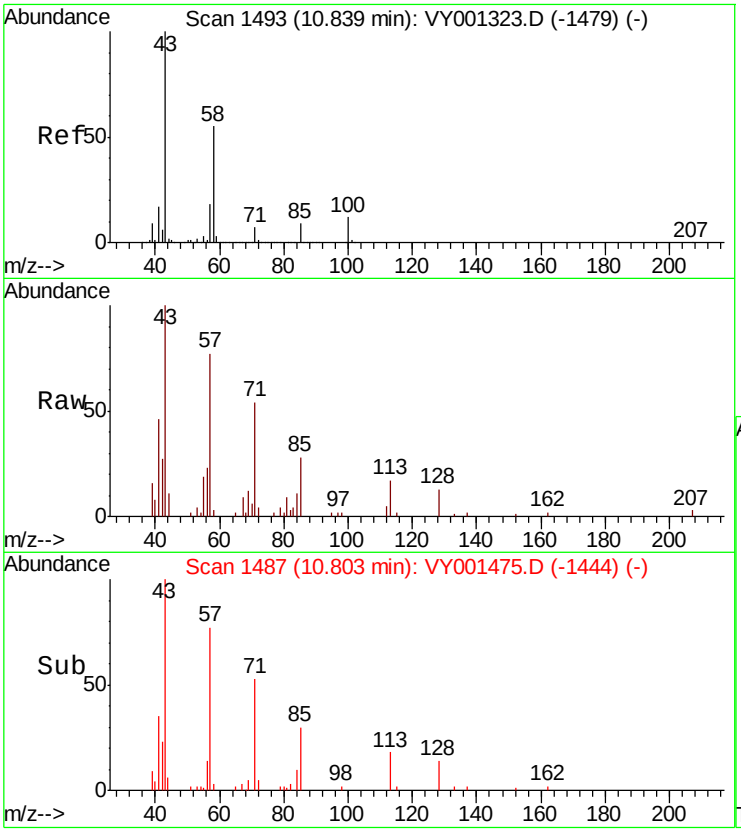


#55
1,1,2-Trichloroethane
Concen: 2.545 ug/l
RT: 10.62 min Scan# 1457
Delta R.T. -0.03 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 97 Resp: 5494

Ion	Ratio	Lower	Upper
97	100		
83	2.2	68.0	102.0#
85	7.4	43.6	65.4#
99	0.0	47.1	70.7#



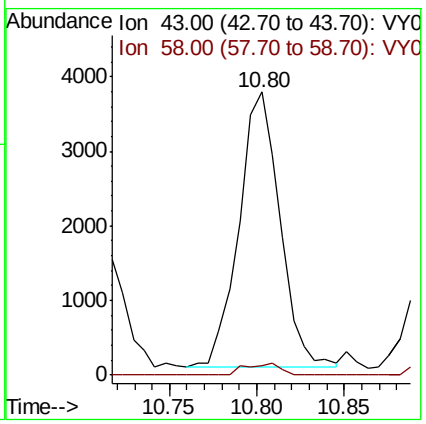


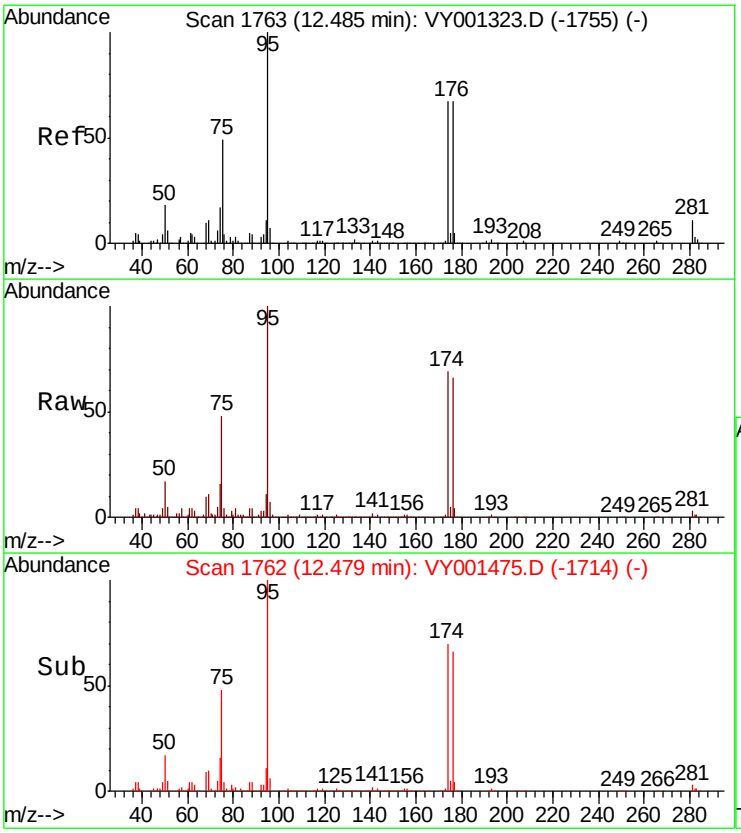
#59
2-Hexanone
Concen: 3.929 ug/l
RT: 10.80 min Scan# 1487
Delta R.T. -0.04 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 6016

Ion	Ratio	Lower	Upper
43	100		
58	3.7	27.6	82.8#

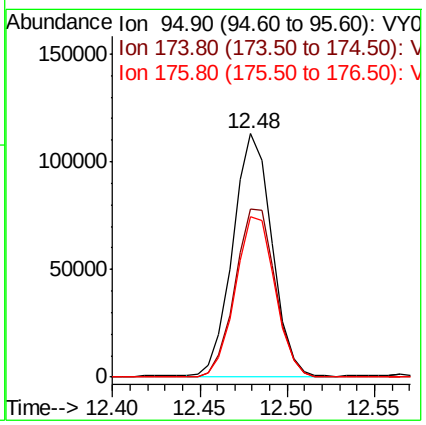


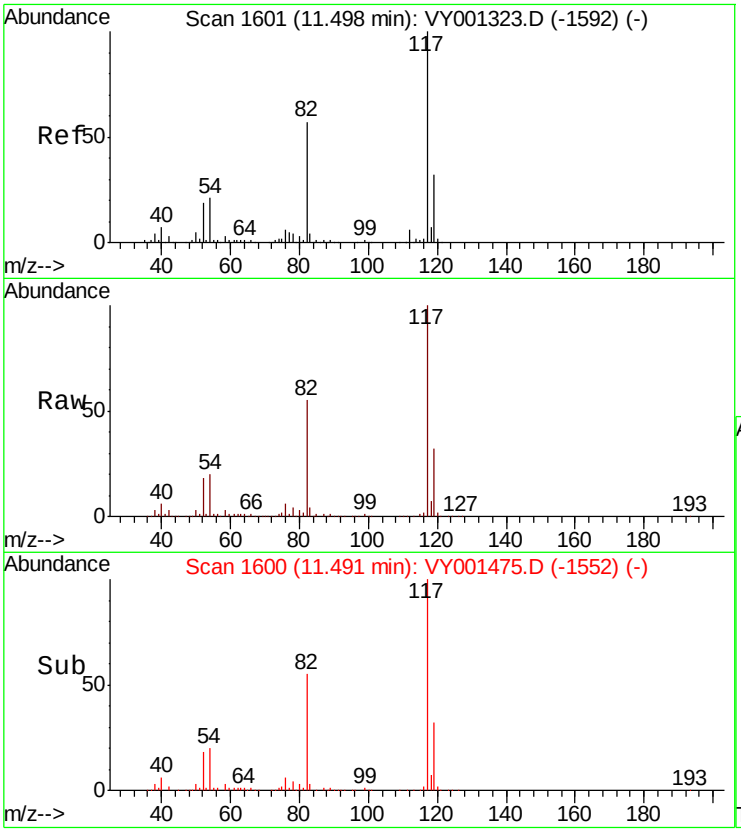


#62
4-Bromofluorobenzene
Concen: 50.437 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 95 Resp: 174261

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	142.0
176	67.6	0.0	138.6



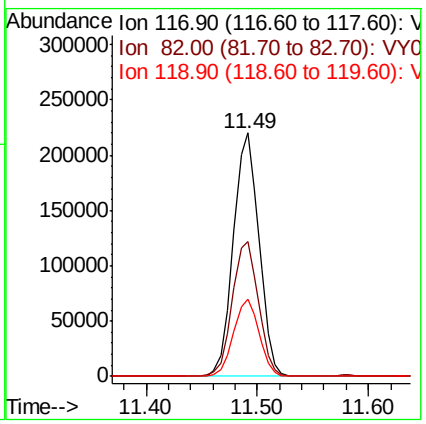


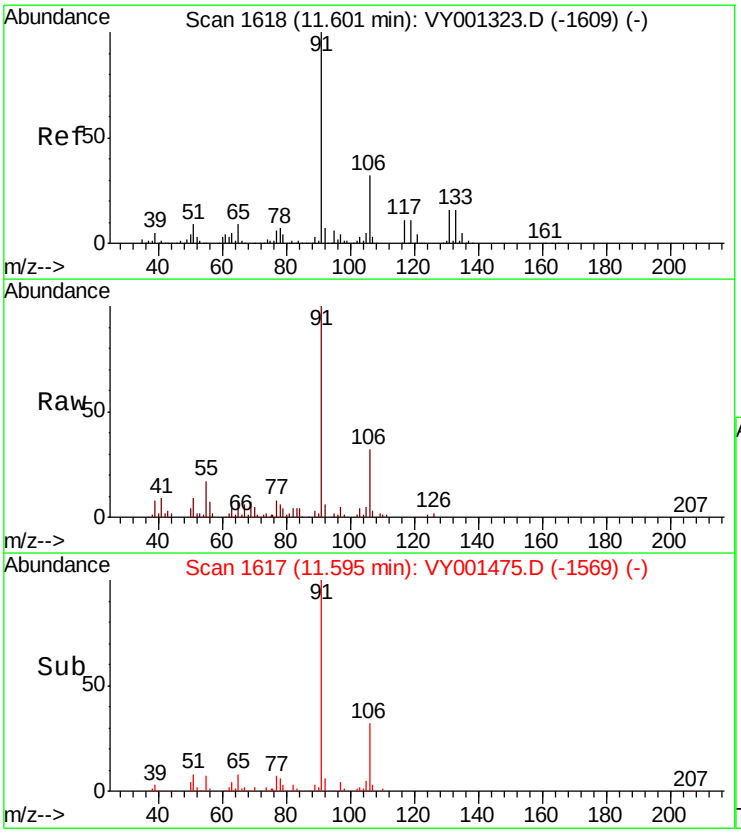
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 350380

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.5	68.3
119	31.8	25.8	38.6

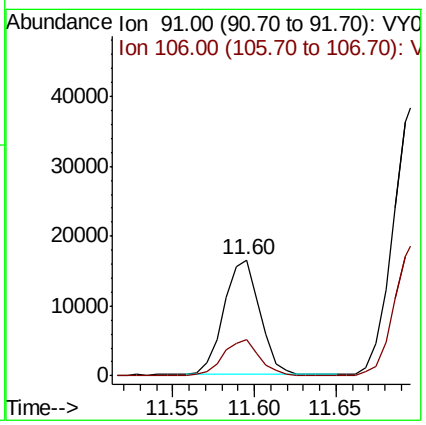


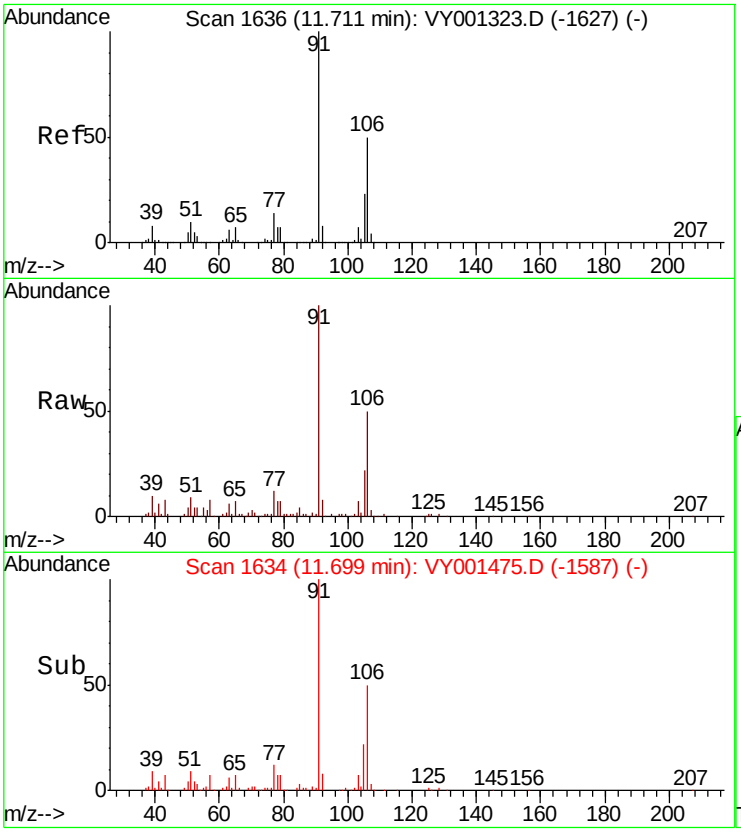


#67
Ethyl Benzene
Concen: 1.849 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 91 Resp: 25168

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.4	38.0



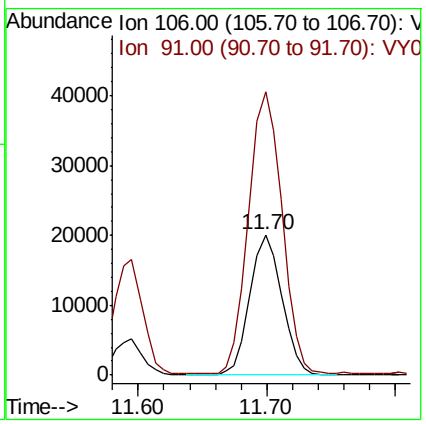


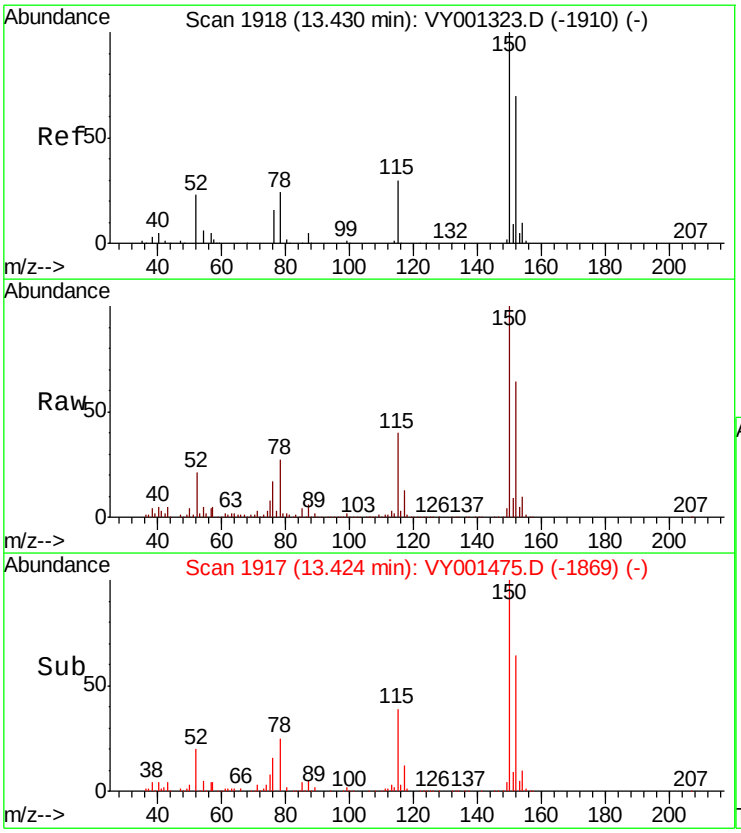
#68
m/p-Xylenes
Concen: 6.832 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 34730

Ion	Ratio	Lower	Upper
106	100		
91	208.6	162.8	244.2

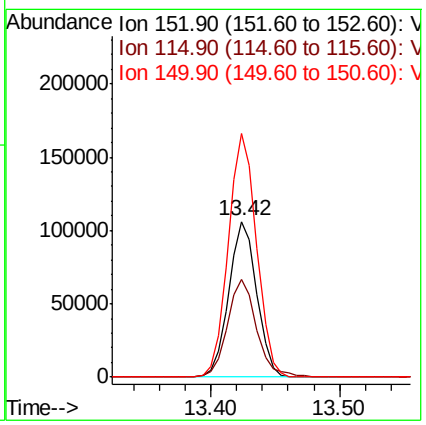


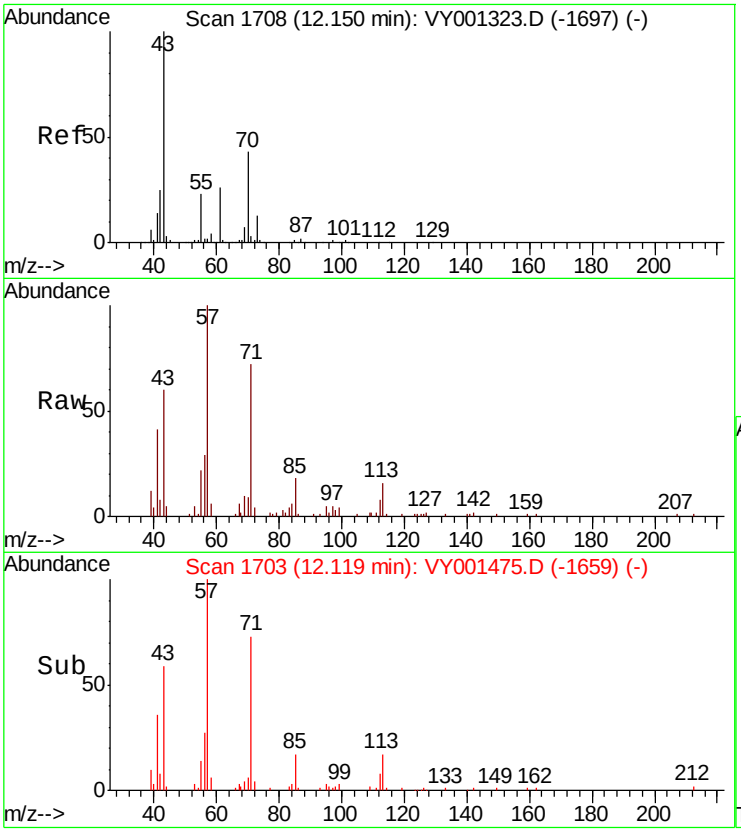


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion:152 Resp: 160248

Ion	Ratio	Lower	Upper
152	100		
115	65.2	30.9	92.8
150	158.4	0.0	349.2



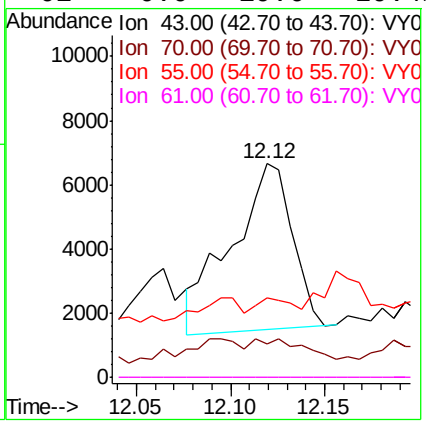


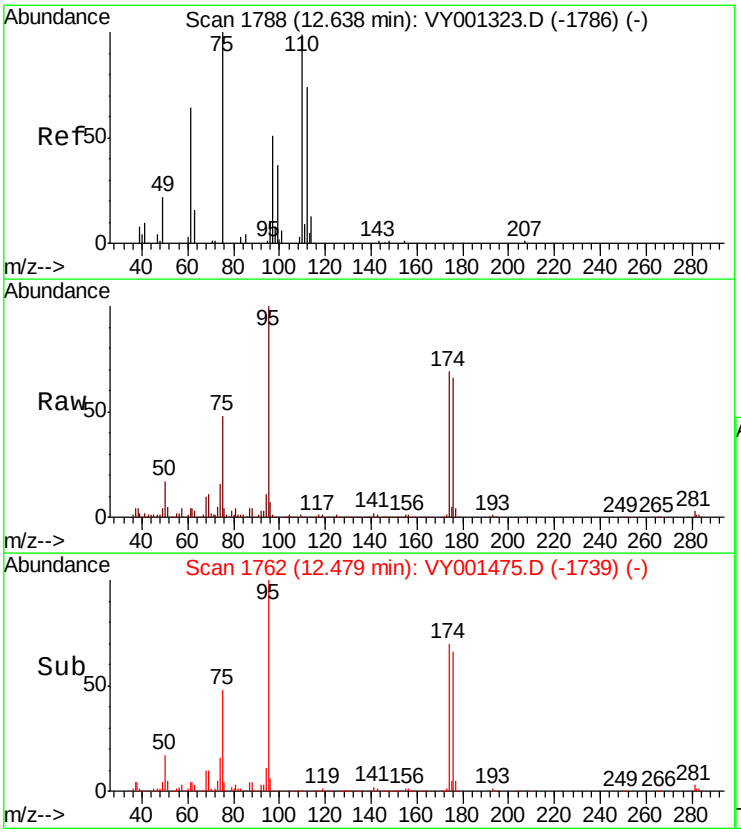
#74
N-amyl acetate
Concen: 2.801 ug/l
RT: 12.12 min Scan# 1703
Delta R.T. -0.03 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 11593

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.5	50.3#
55	0.0	18.2	27.2#
61	0.0	19.6	29.4#

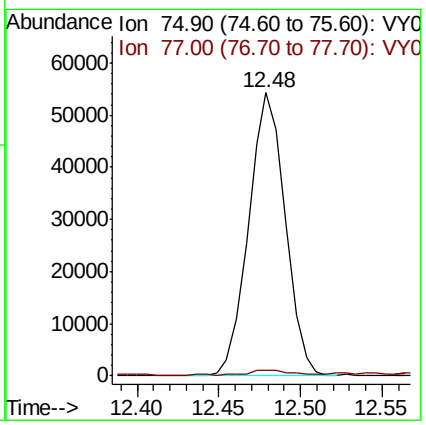


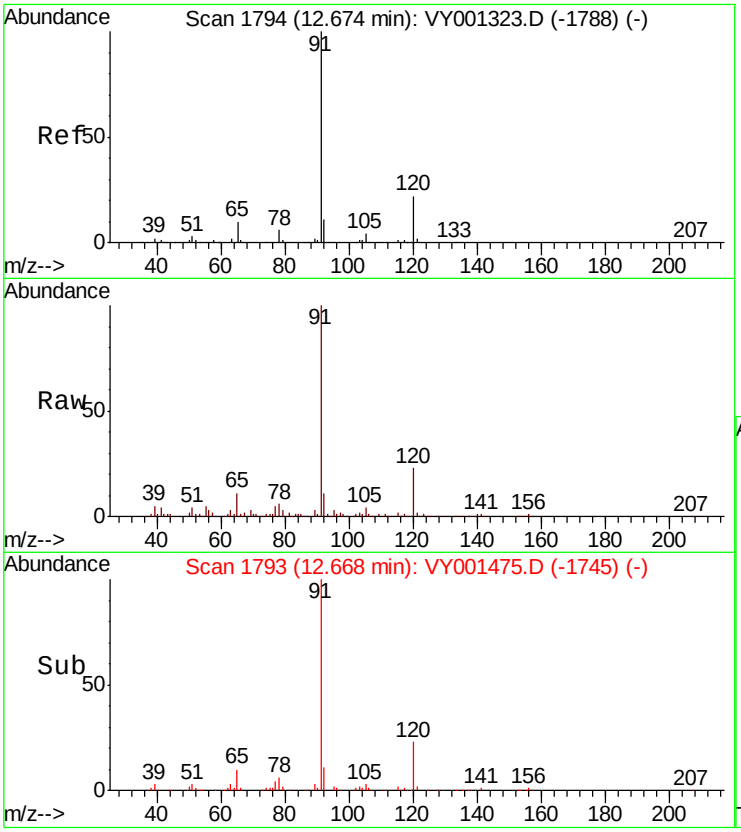


#76
1,2,3-Trichloropropane
Concen: 43.741 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 75 Resp: 84464

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#



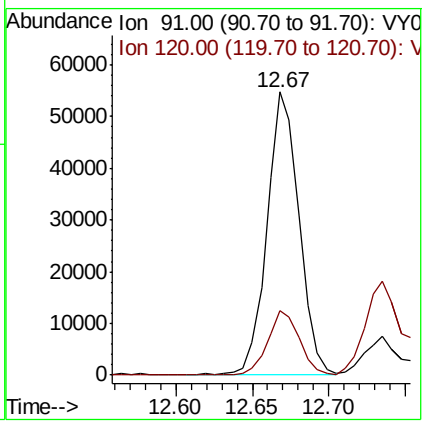


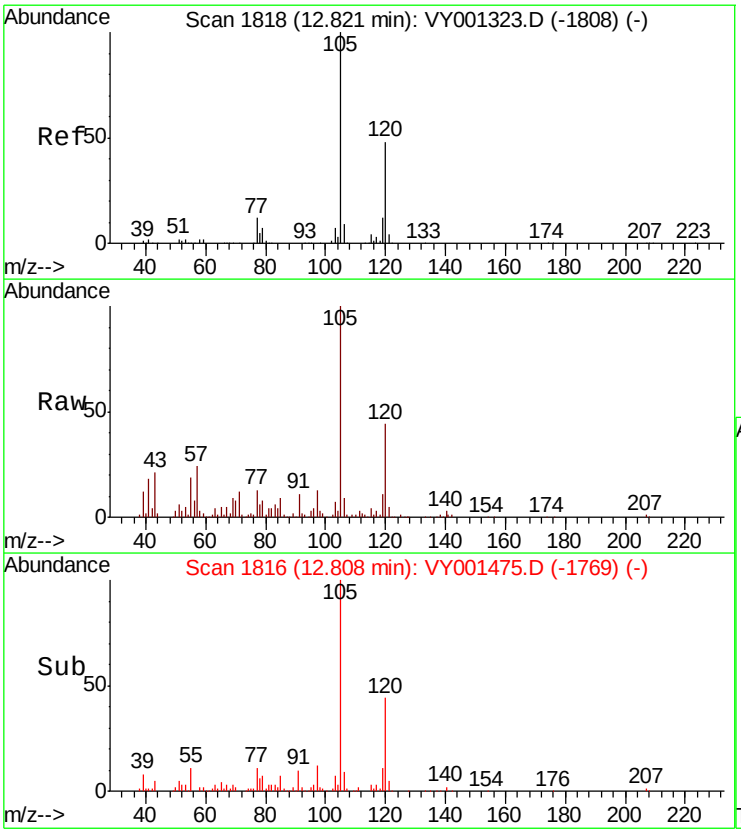
#78
n-propylbenzene
Concen: 5.191 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 79002

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.3	33.8

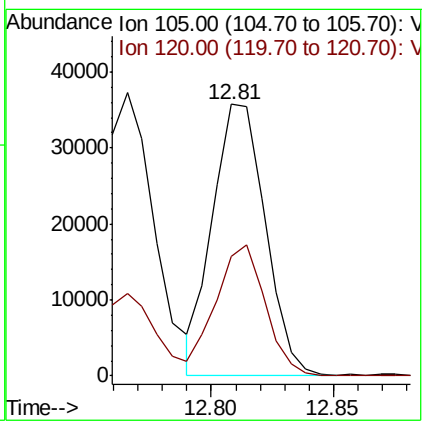


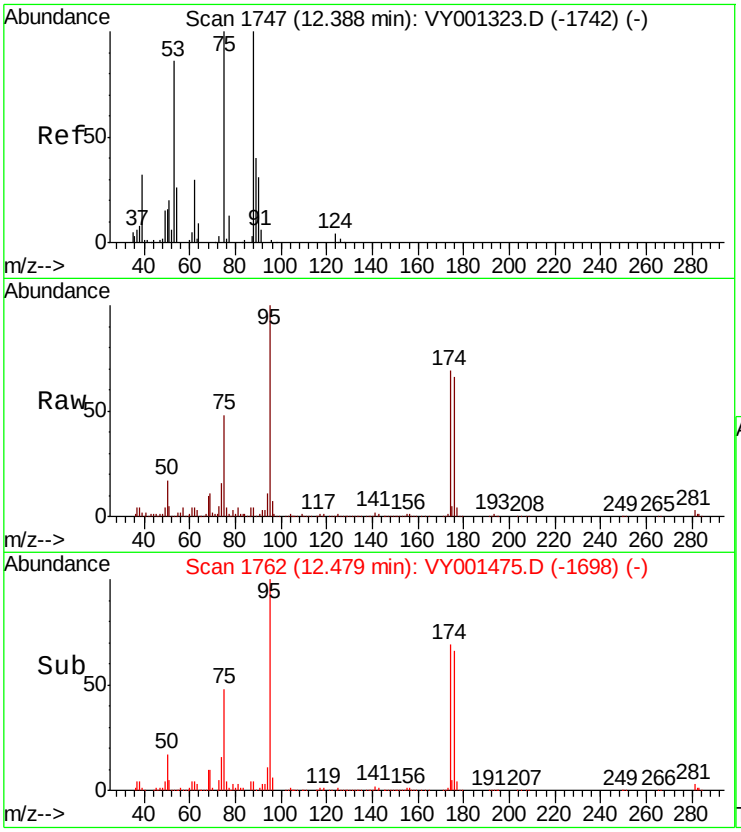


#80
1,3,5-Trimethylbenzene
Concen: 5.046 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion:105 Resp: 53256

Ion	Ratio	Lower	Upper
105	100		
120	45.7	24.3	72.9



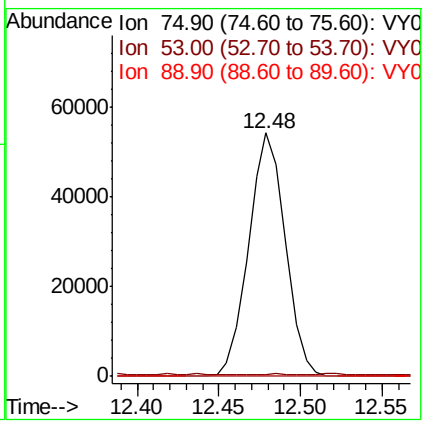


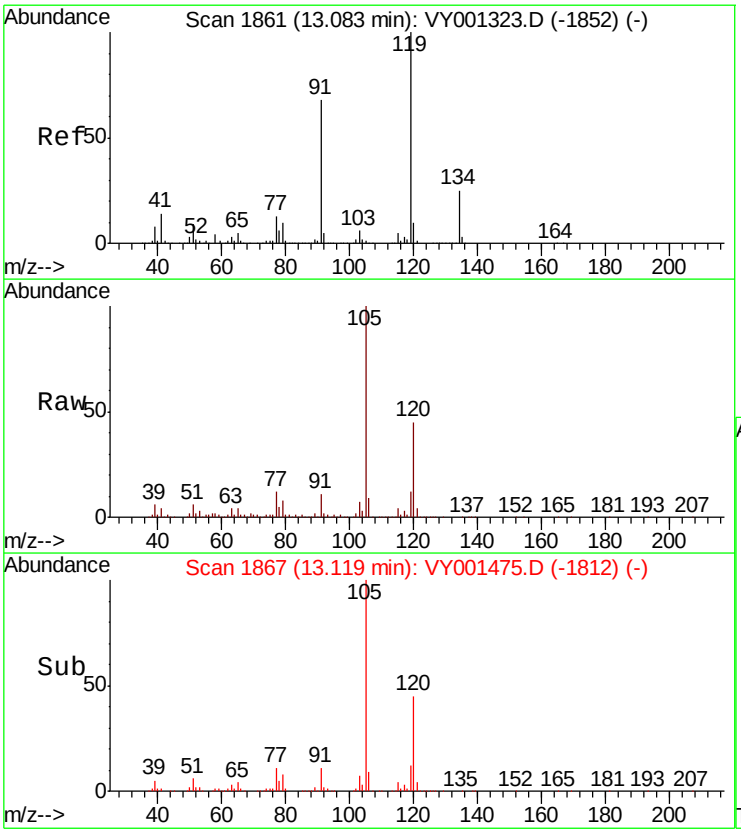
#81
trans-1,4-Dichloro-2-butene
Concen: 82.775 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.09 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 84464

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.9	104.9#
89	0.6	36.6	54.8#

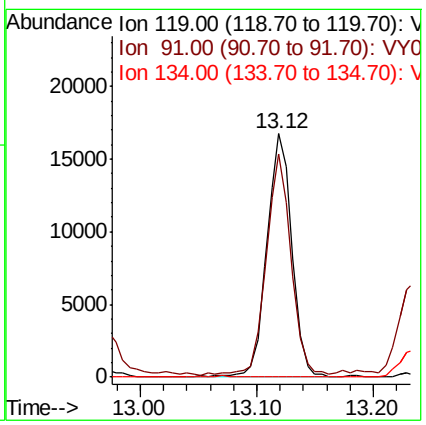


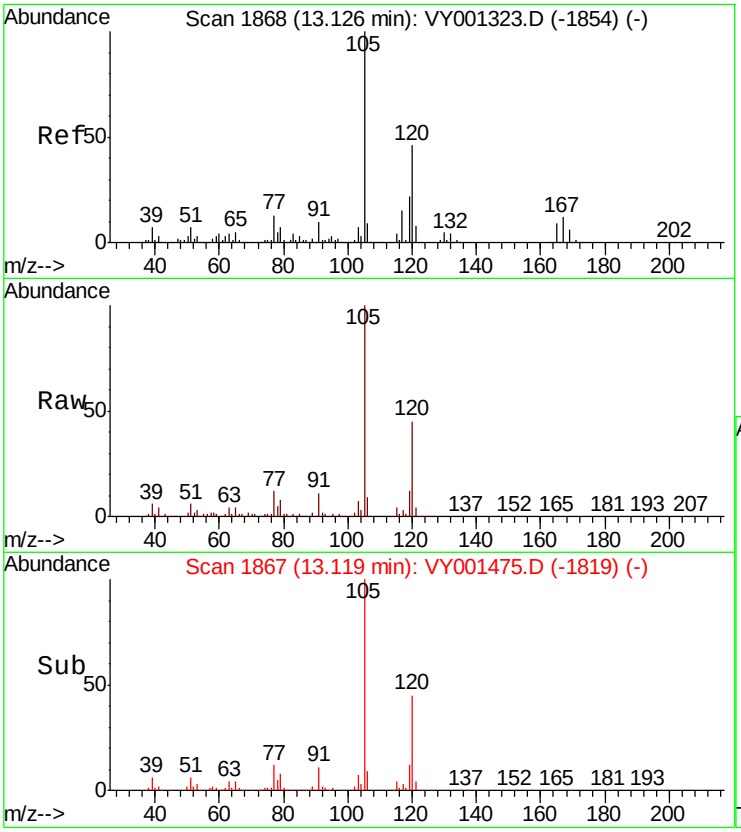


#83
tert-Butylbenzene
Concen: 2.812 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.04 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion:119 Resp: 25022

Ion	Ratio	Lower	Upper
119	100		
91	89.9	33.0	99.0
134	0.0	13.3	39.9#



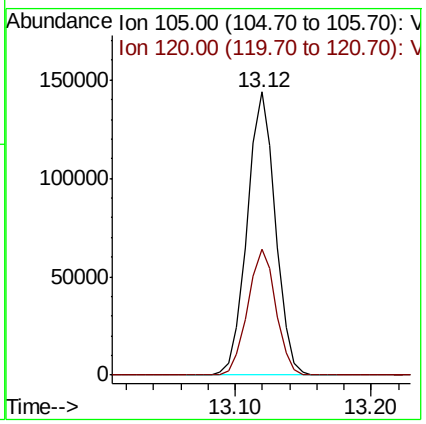


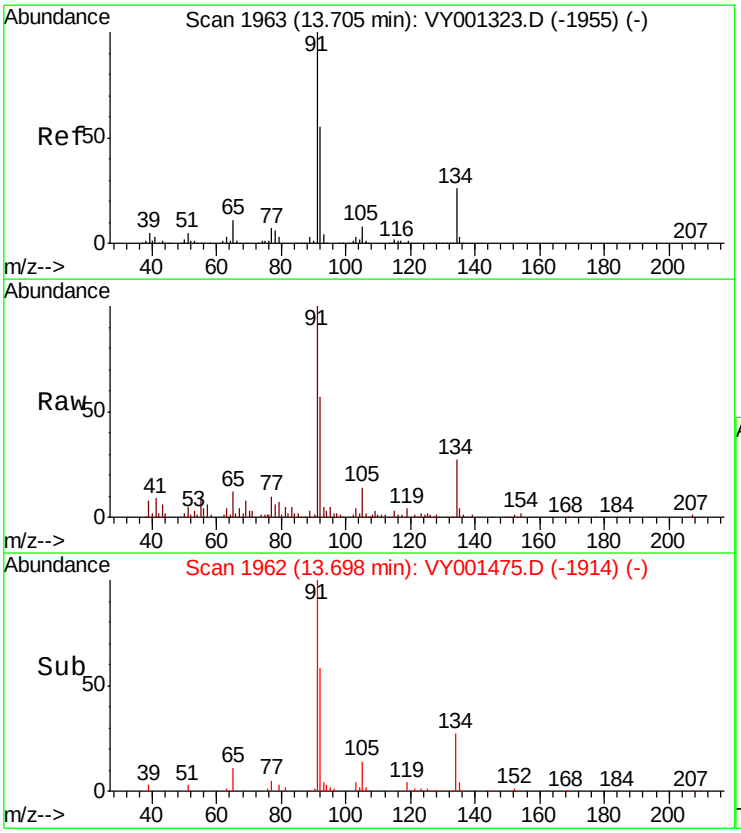
#84
1,2,4-Trimethylbenzene
Concen: 19.715 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 208913

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.3

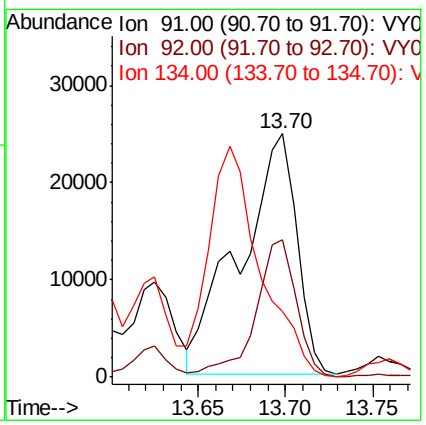


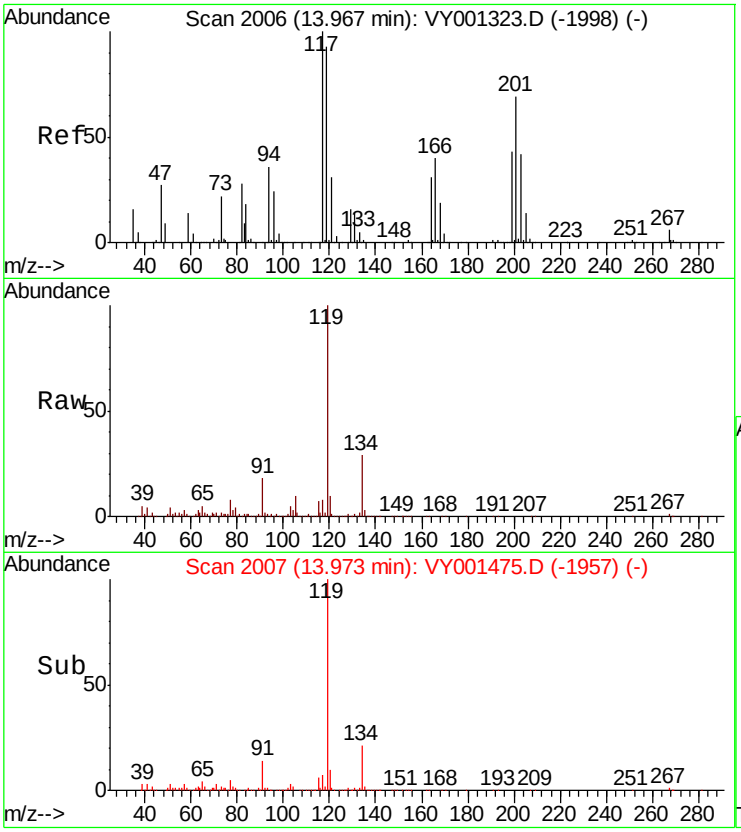


#89
n-Butylbenzene
Concen: 4.980 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 91 Resp: 55827

Ion	Ratio	Lower	Upper
91	100		
92	40.8	27.6	82.8
134	0.0	12.9	38.6#



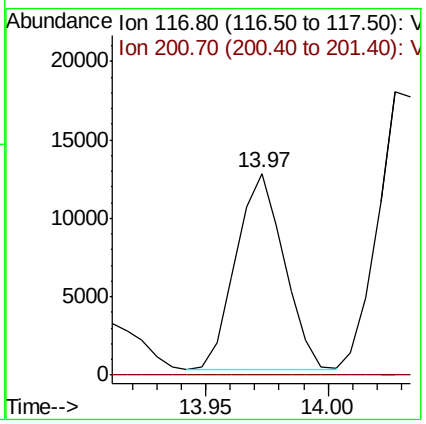


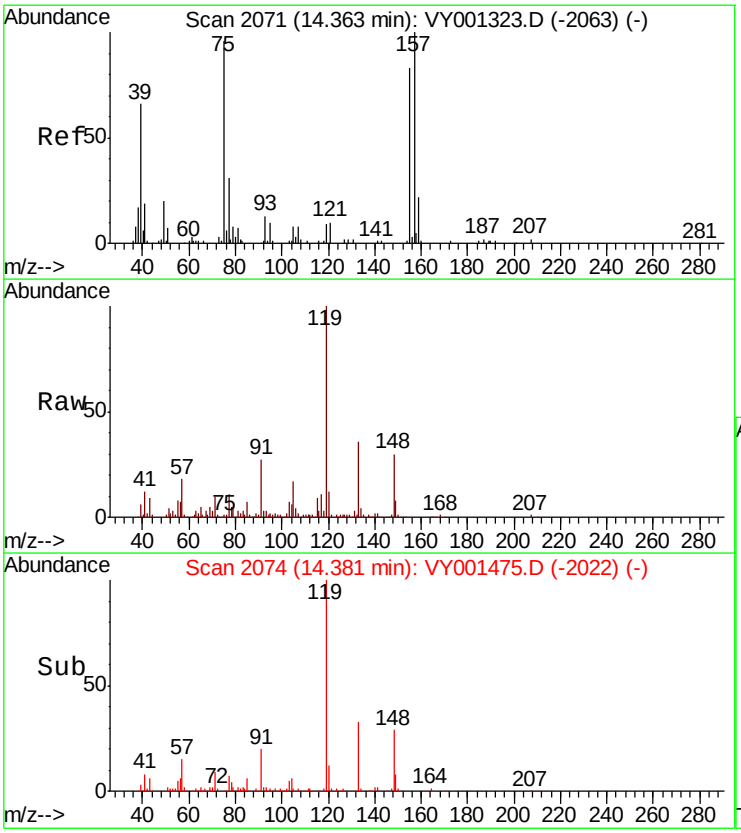
#90
Hexachloroethane
Concen: 8.181 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 17275

Ion	Ratio	Lower	Upper
117	100		
201	0.0	34.6	103.8#

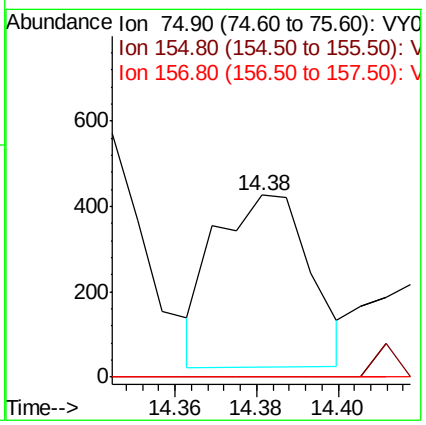


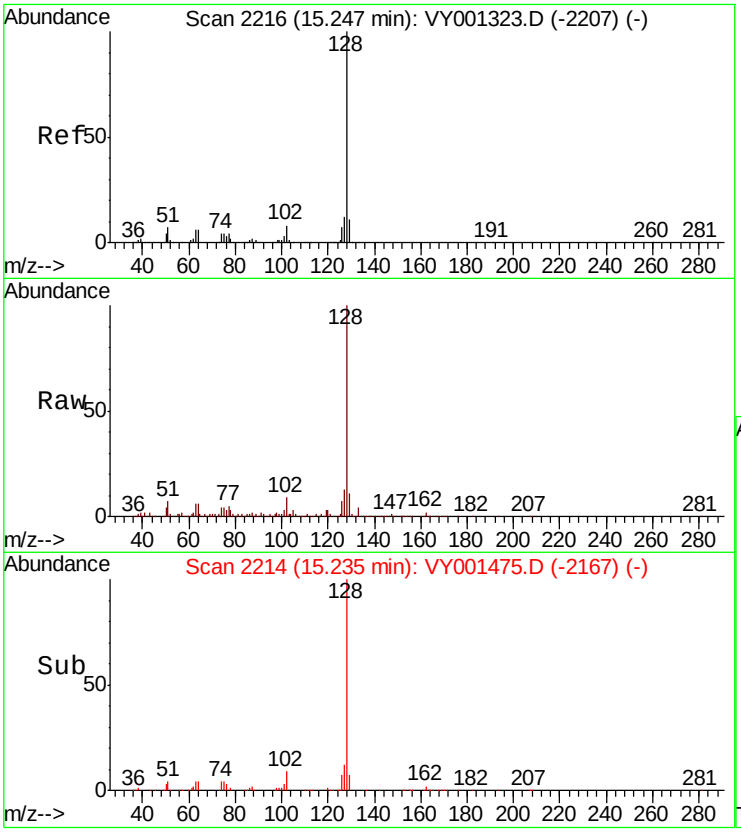


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.393 ug/l
RT: 14.38 min Scan# 2074
Delta R.T. 0.02 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 75 Resp: 651

Ion	Ratio	Lower	Upper
75	100		
155	0.0	43.0	129.2#
157	0.0	53.3	160.0#





#95
Naphthalene
Concen: 31.832 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 243014

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.6	8.7	13.1