Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050820\
Data File : VY002648.D
Acq On : 08 May 2020 17:57
Operator : SY/MD
Sample : L2506-01RE
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: May 09 03:48:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.82	168	357484	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.71	114	546269	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.50	117	426403	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	174705	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	150695	50.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.26%				
35) Dibromofluoromethane	7.74	113	160442	51.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.72%				
50) Toluene-d8	10.19	98	610537	50.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.08%				
62) 4-Bromofluorobenzene	12.49	95	166496	40.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.44%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.92	85	61	1.804	ug/l	#	43
13) Acrolein	3.75	56	354	1.655	ug/l	#	82
16) Acetone	3.98	43	8210	13.235	ug/l		99
20) Methylene Chloride	4.74	84	8605	2.481	ug/l		94
25) 2-Butanone	7.02	43	3676	3.620	ug/l		96
31) Cyclohexane	7.82	56	5458	1.010	ug/l	#	1
36) 1,1-Dichloropropene	7.81	75	22423	4.896	ug/l	#	49
37) Ethyl Acetate	7.02	43	3676	1.562	ug/l	#	67
38) Carbon Tetrachloride	7.81	117	32054	6.411	ug/l	#	14
48) Methyl methacrylate	9.28	41	10436	5.227	ug/l	#	37
52) Toluene	10.26	92	40169	4.726	ug/l		99
59) 2-Hexanone	10.94	43	105863	67.640	ug/l	#	46
68) m/p-Xylenes	11.70	106	22270	4.042	ug/l		90
69) o-Xylene	12.04	106	12518	2.427	ug/l		100
74) N-amyl acetate	12.11	43	24340	8.936	ug/l	#	45
76) 1,2,3-Trichloropropane	12.74	75	4751	3.060	ug/l	#	100
77) Bromobenzene	12.56	156	313482	110.817	ug/l	#	1
78) n-propylbenzene	12.68	91	16245	1.236	ug/l		100
80) 1,3,5-Trimethylbenzene	12.82	105	16903	1.801	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.49	75	83592	107.963	ug/l	#	16
83) tert-Butylbenzene	13.13	119	9633	1.171	ug/l	#	59
84) 1,2,4-Trimethylbenzene	13.13	105	77146	8.248	ug/l		99
89) n-Butylbenzene	13.70	91	14413	1.480	ug/l	#	72
90) Hexachloroethane	13.98	117	3574	1.834	ug/l	#	5
92) 1,2-Dibromo-3-Chloropropan	14.36	75	1493	4.448	ug/l	#	1
95) Naphthalene	15.25	128	53476	8.452	ug/l	#	82

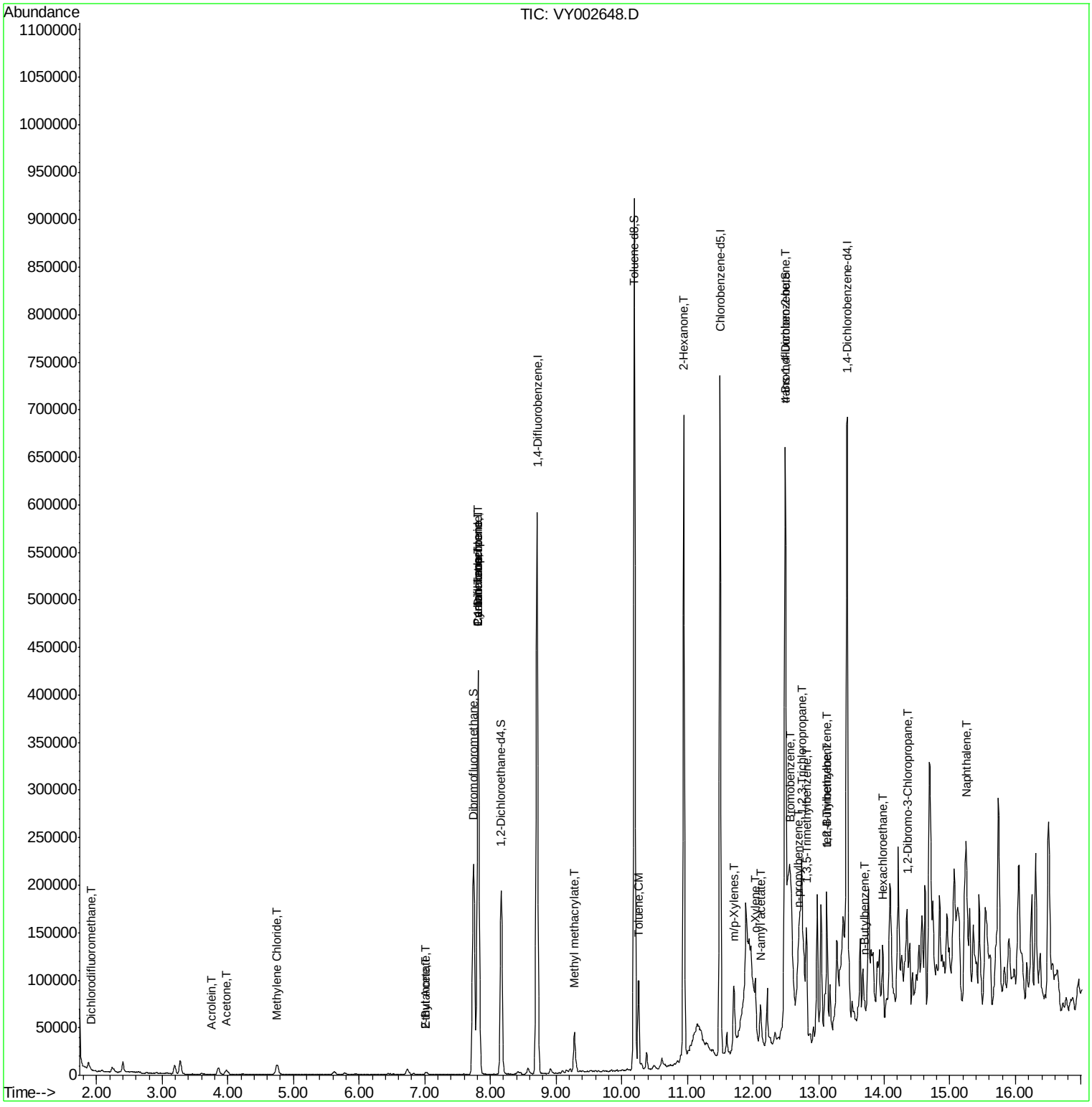
(#) = qualifier out of range (m) = manual integration (+) = signals summed

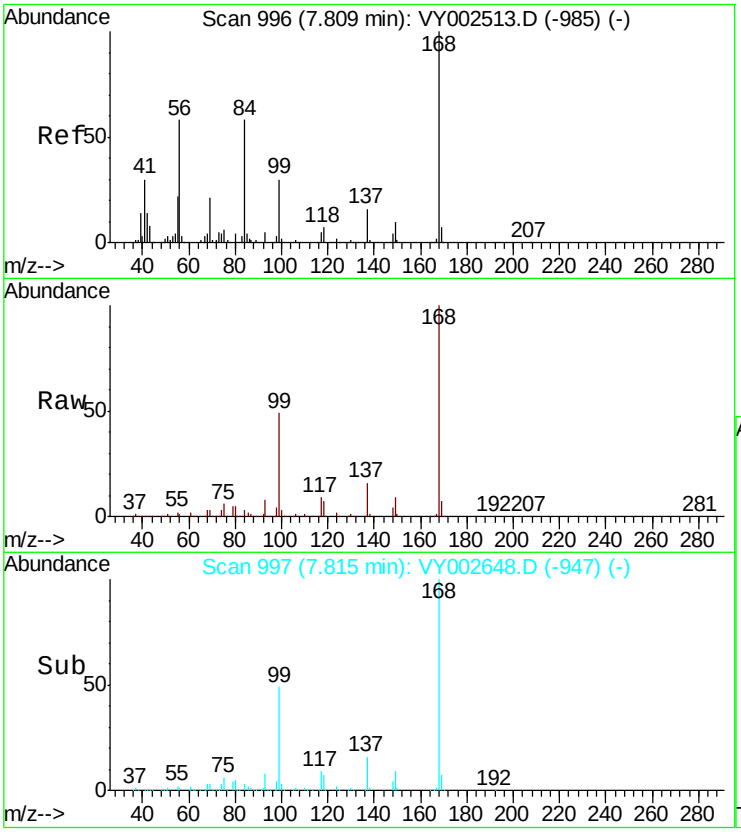
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050820\
Data File : VY002648.D
Acq On : 08 May 2020 17:57
Operator : SY/MD
Sample : L2506-01RE
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 09 03:48:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration



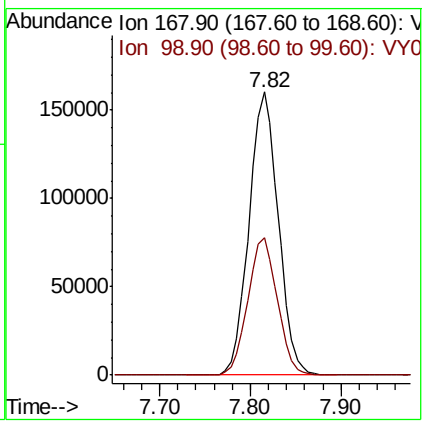


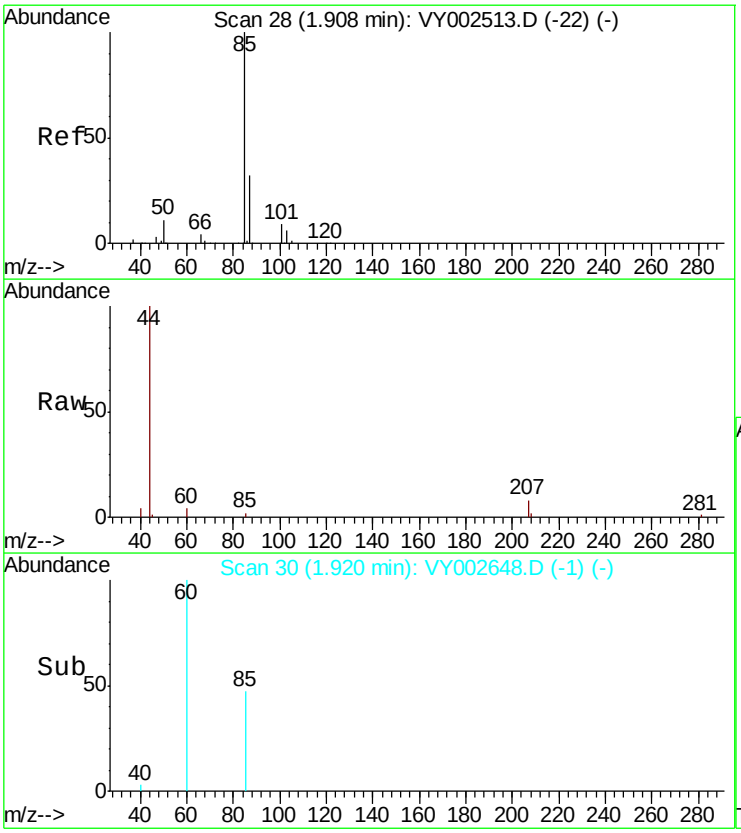
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 357484

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.2	58.8

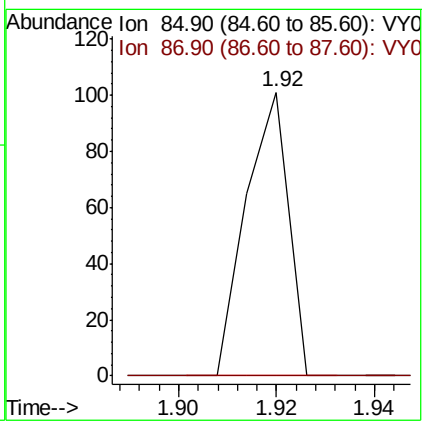


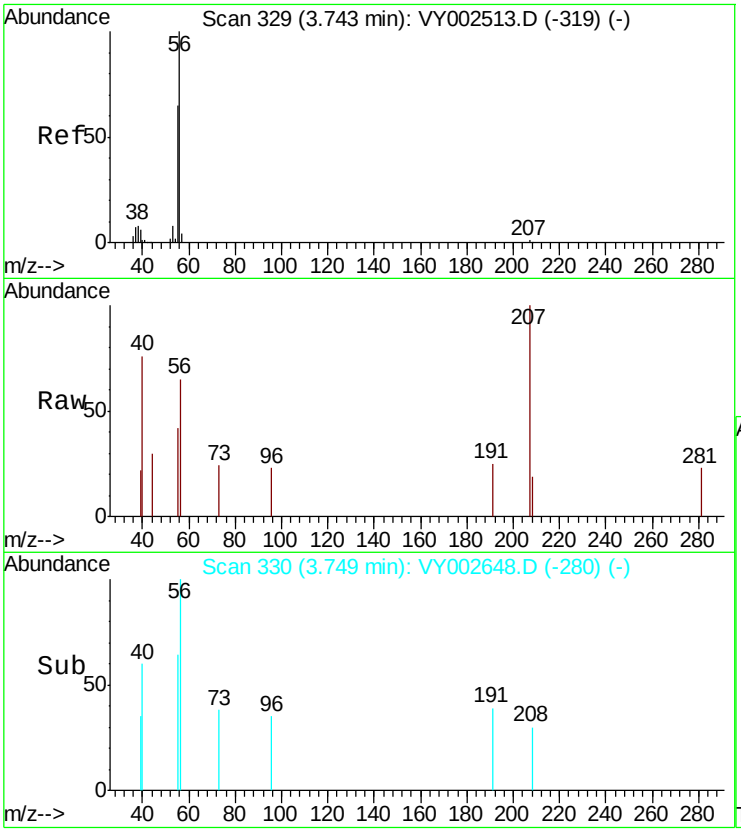


#2
Dichlorodifluoromethane
Concen: 1.804 ug/l
RT: 1.92 min Scan# 30
Delta R.T. 0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion: 85 Resp: 61

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.8	47.4#



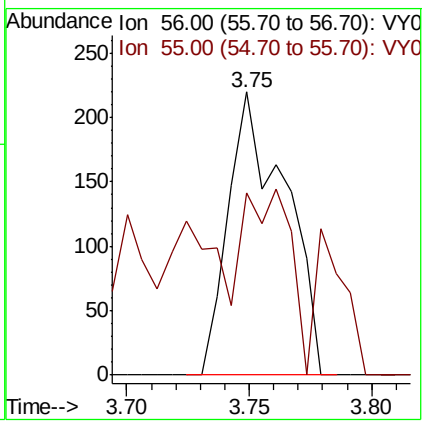


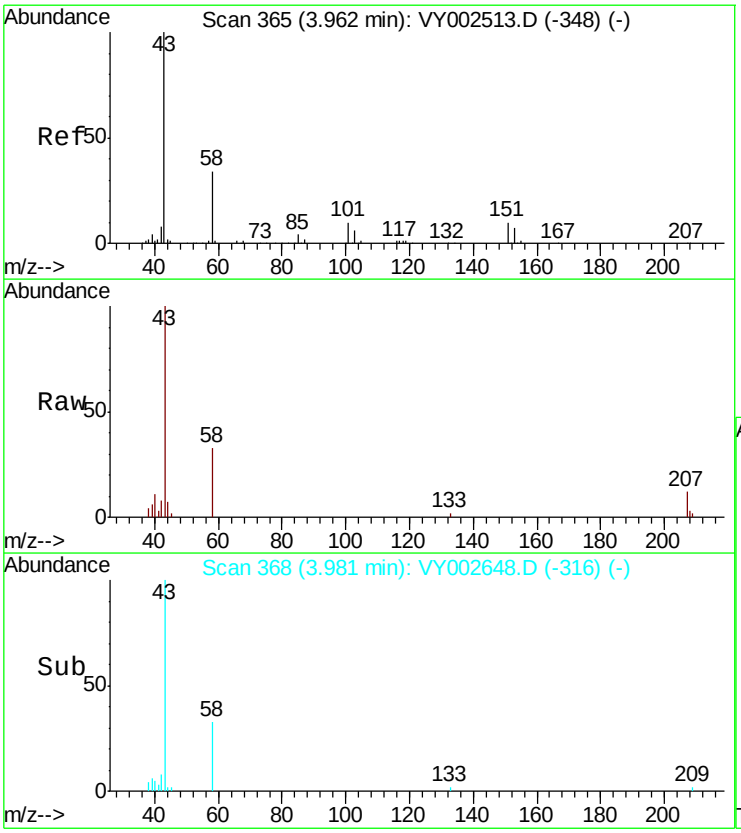
#13
Acrolein
Concen: 1.655 ug/l
RT: 3.75 min Scan# 330
Delta R.T. 0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 354

Ion	Ratio	Lower	Upper
56	100		
55	53.1	53.8	80.6#

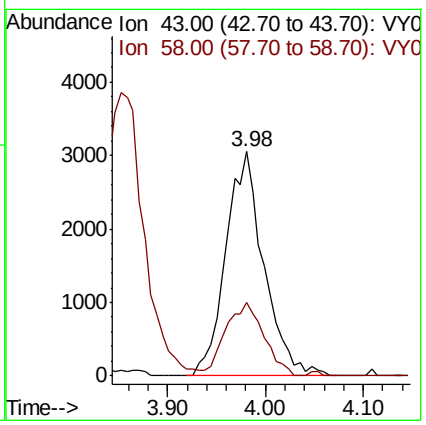


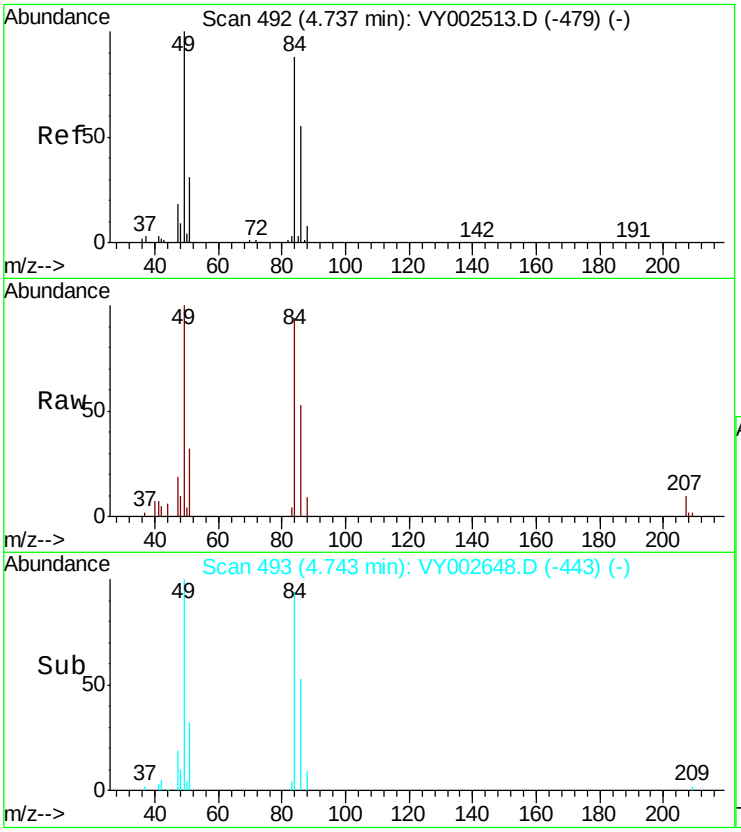


#16
Acetone
Concen: 13.235 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.02 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion: 43 Resp: 8210

Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.9	40.3



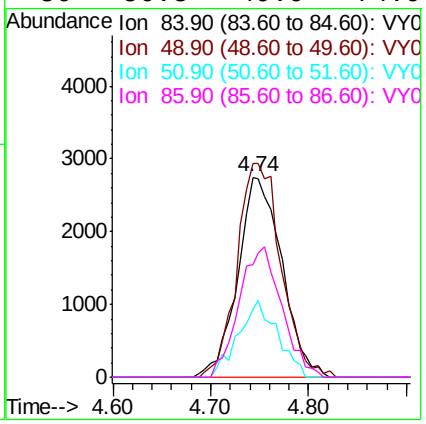


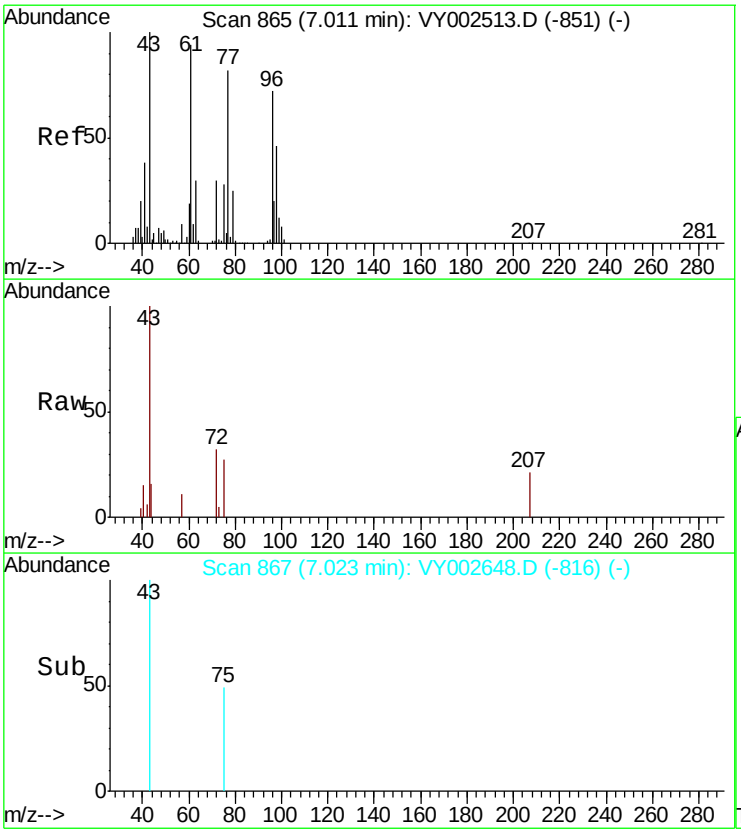
#20
Methylene Chloride
Concen: 2.481 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 8605

Ion	Ratio	Lower	Upper
84	100		
49	106.9	90.5	135.7
51	34.0	28.3	42.5
86	56.3	49.9	74.9

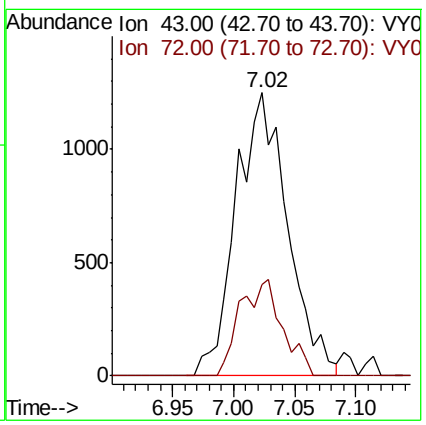


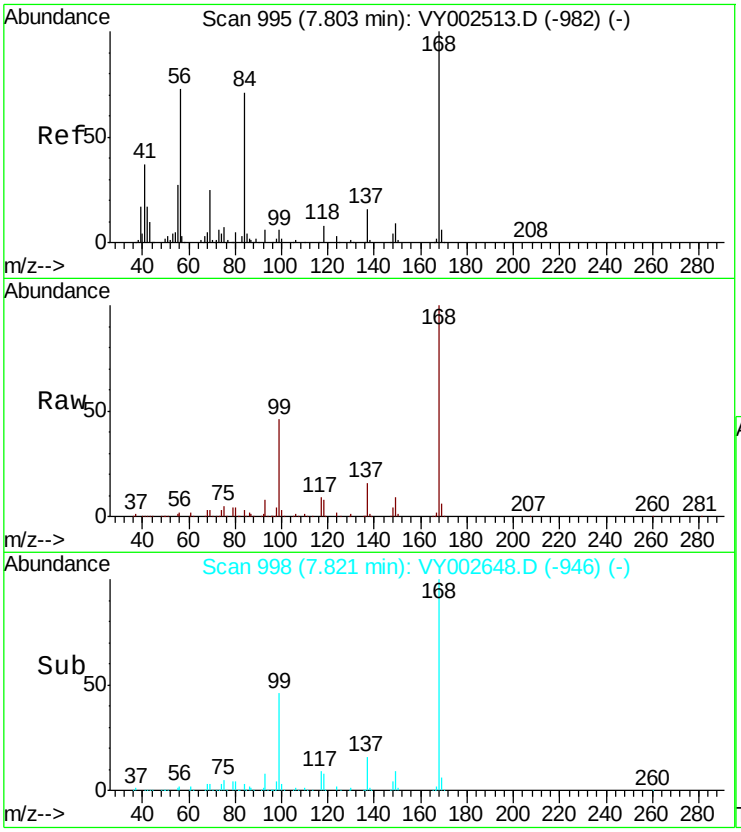


#25
2-Butanone
Concen: 3.620 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion: 43 Resp: 3676

Ion	Ratio	Lower	Upper
43	100		
72	32.4	24.1	36.1



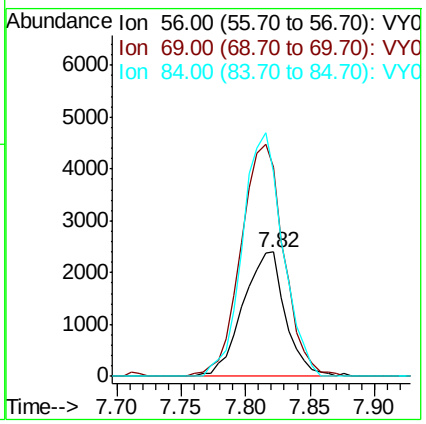


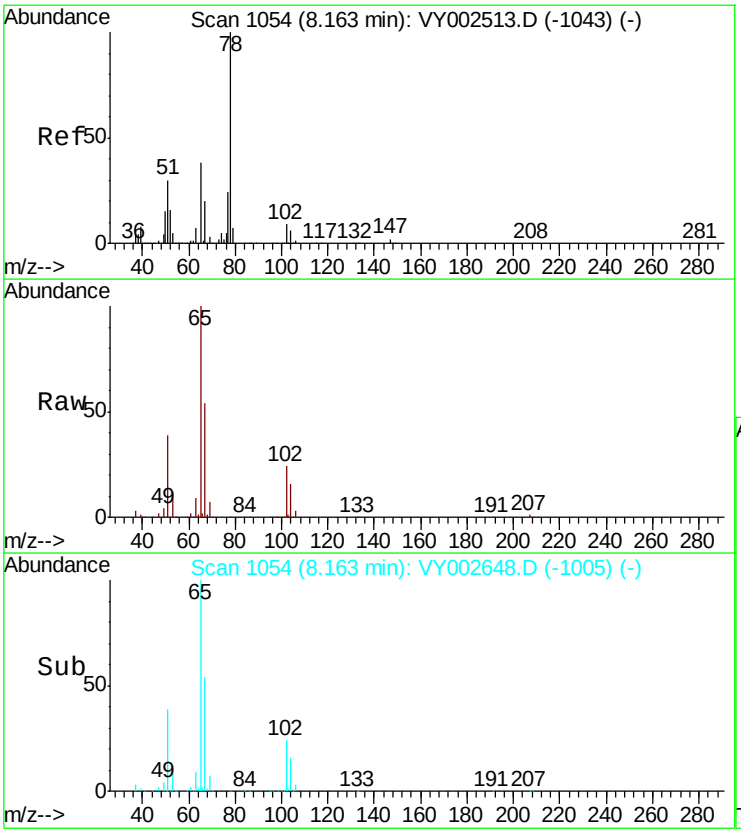
#31
Cyclohexane
Concen: 1.010 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.02 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 5458

Ion	Ratio	Lower	Upper
56	100		
69	168.3	27.6	41.4#
84	164.0	77.7	116.5#

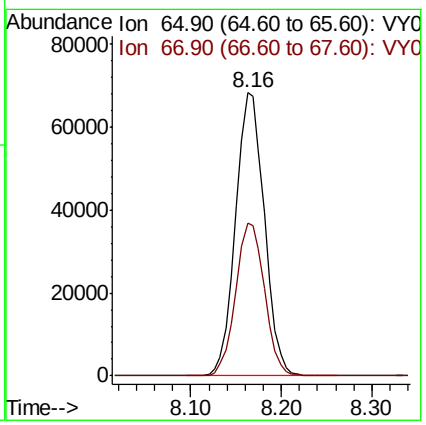


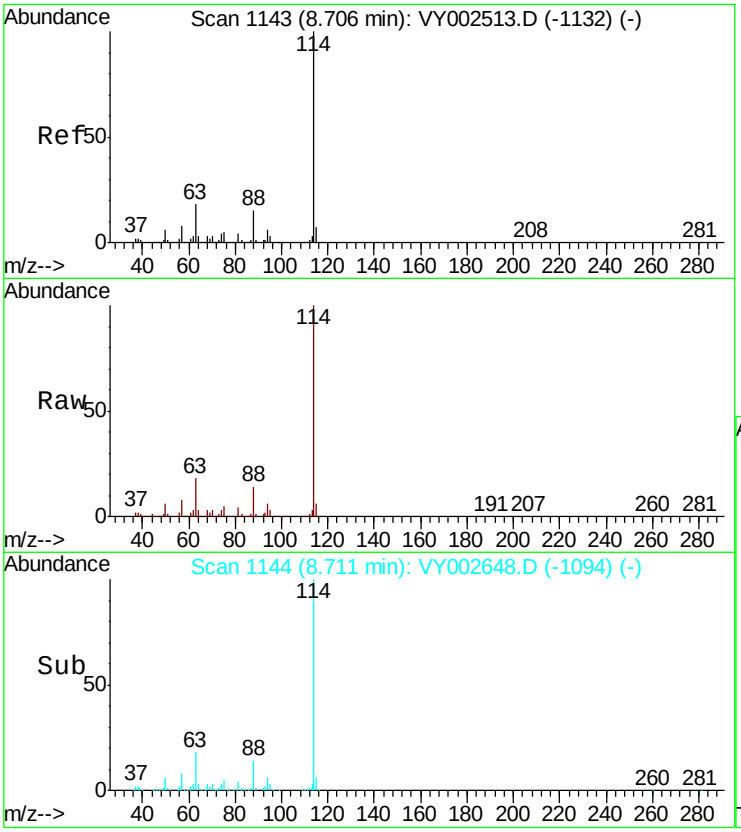


#33
1,2-Dichloroethane-d4
Concen: 50.135 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion: 65 Resp: 150695

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.2



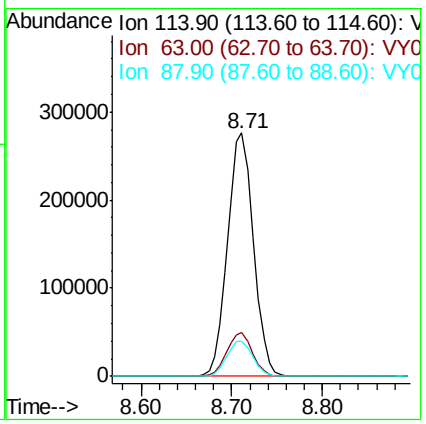


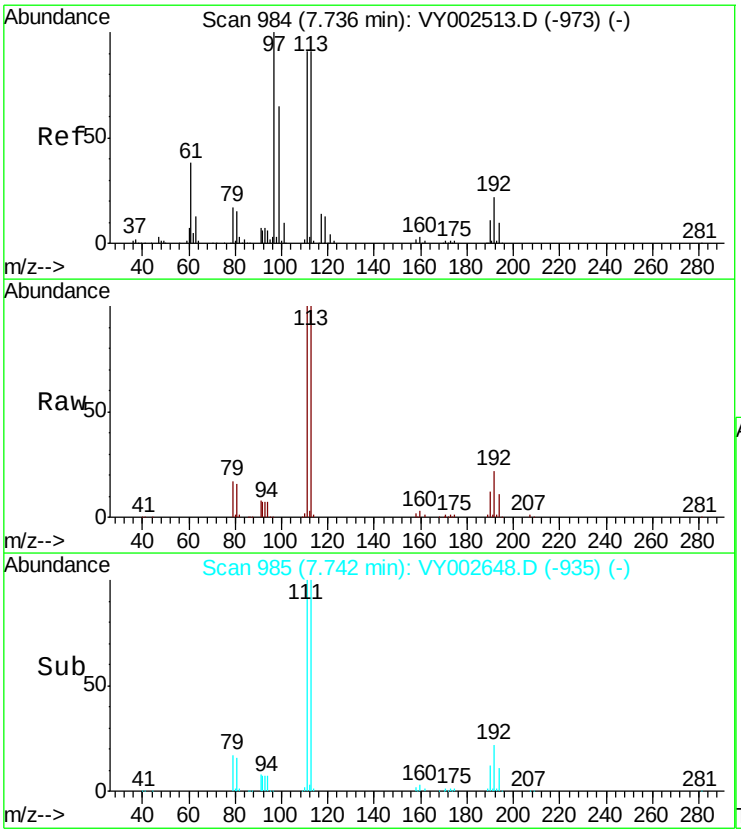
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 546269

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.4
88	14.4	0.0	29.6

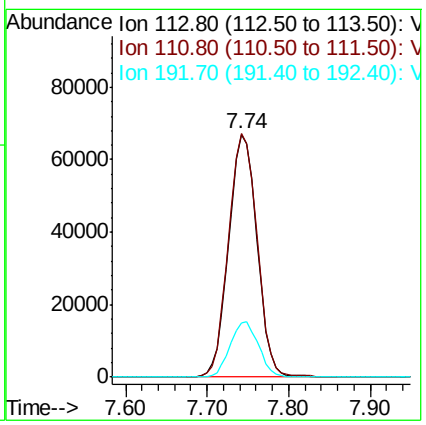


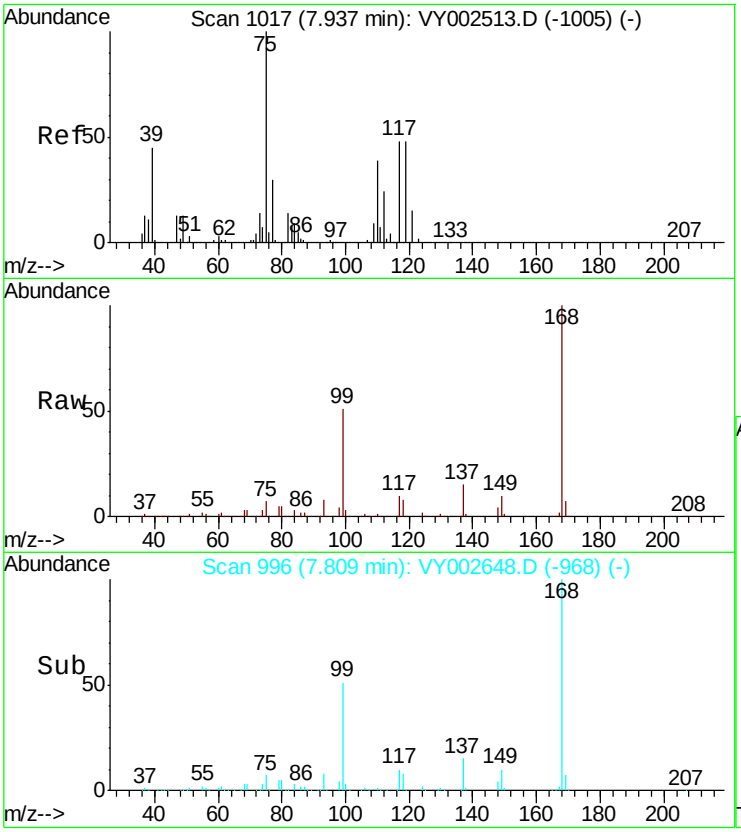


#35
Dibromofluoromethane
Concen: 51.356 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion:113 Resp: 160442

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.6
192	22.8	18.2	27.4



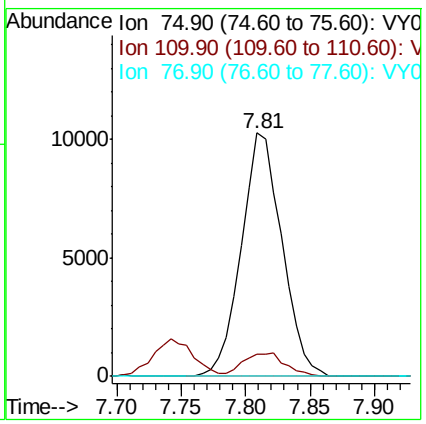


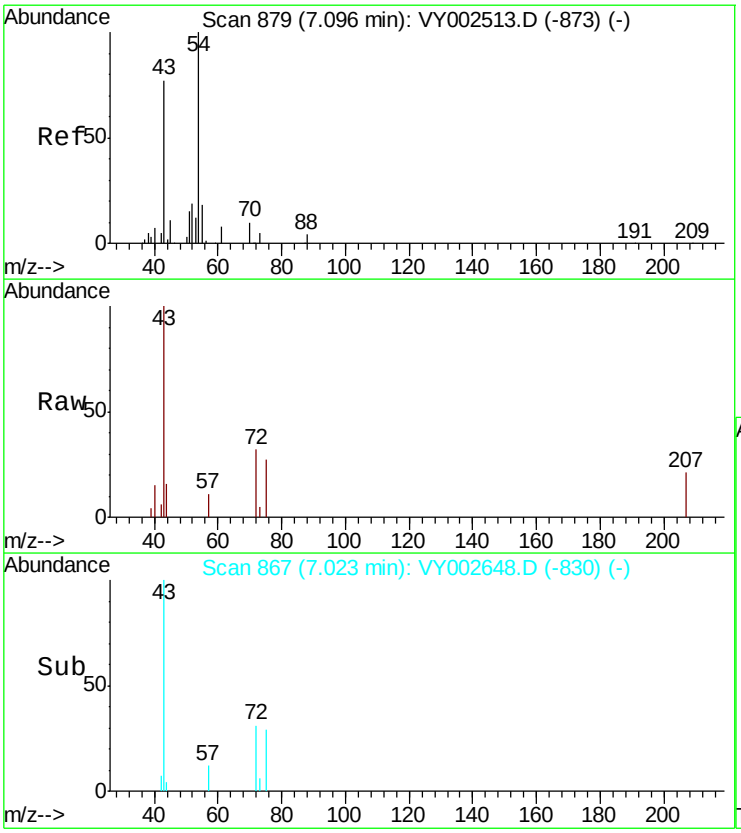
#36
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.13 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 22423

Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.1	57.3#
77	0.0	24.6	37.0#

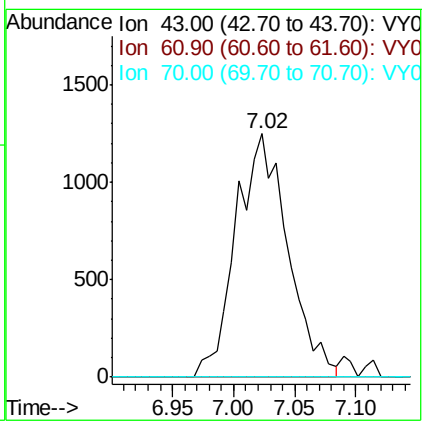


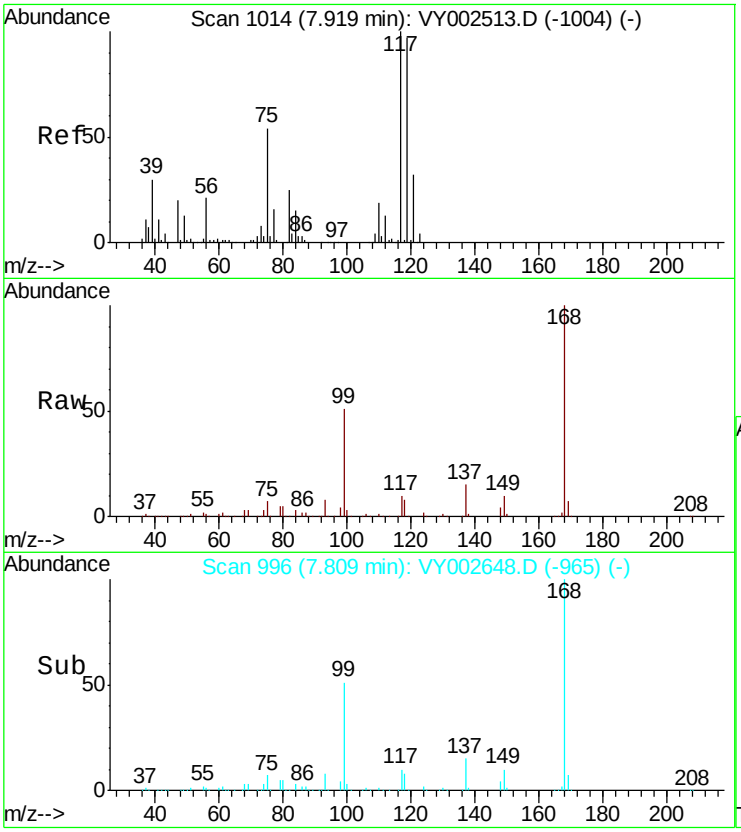


#37
Ethyl Acetate
Concen: 1.562 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.07 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion: 43 Resp: 3676

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	9.0	13.6#



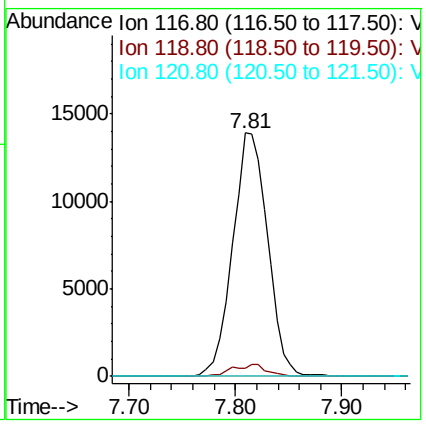


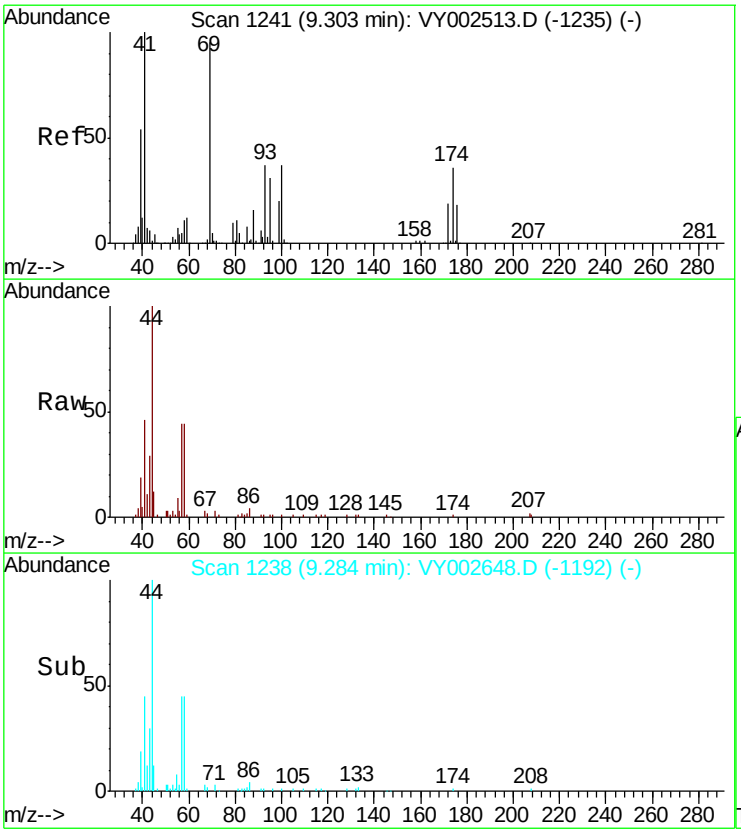
#38
Carbon Tetrachloride
Concen: 6.411 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.11 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 32054

Ion	Ratio	Lower	Upper
117	100		
119	3.2	77.1	115.7#
121	0.0	25.2	37.8#

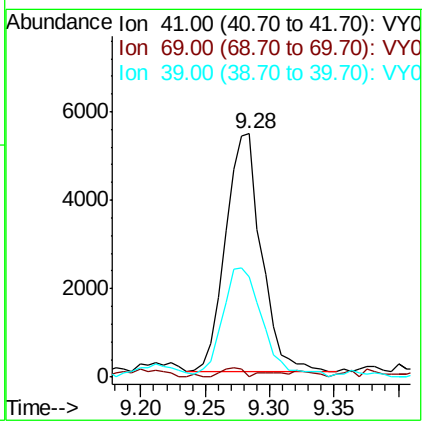


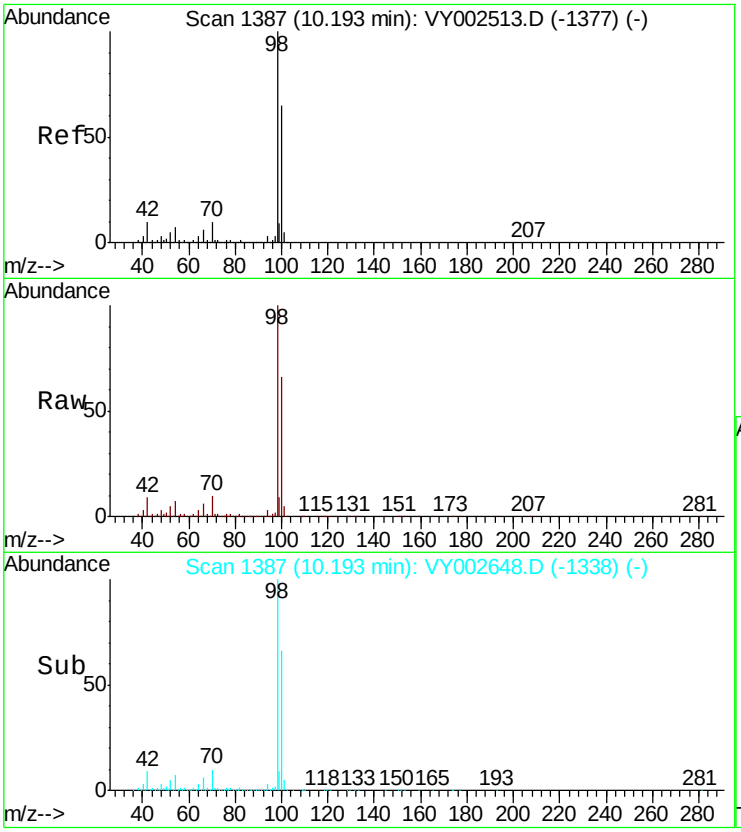


#48
Methyl methacrylate
Concen: 5.227 ug/l
RT: 9.28 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion: 41 Resp: 10436

Ion	Ratio	Lower	Upper
41	100		
69	1.0	76.2	114.4#
39	51.7	42.7	64.1



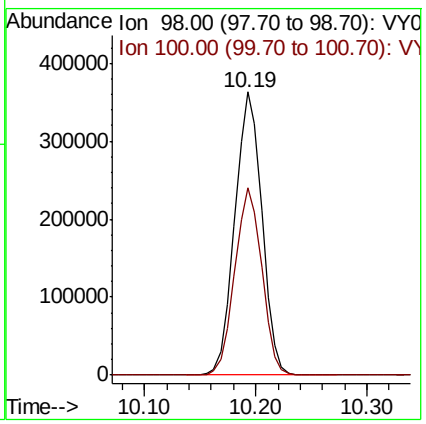


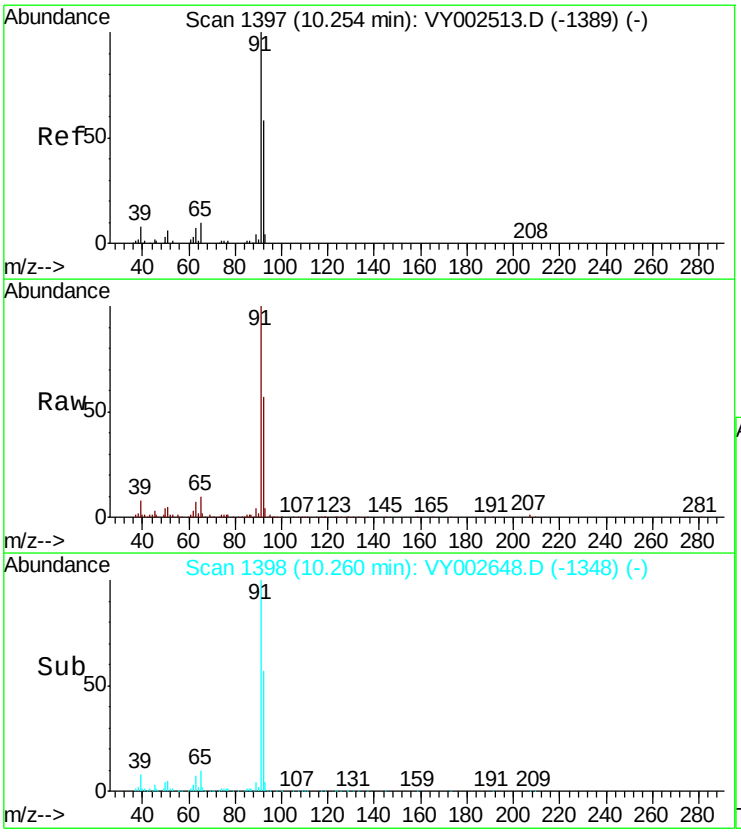
#50
Toluene-d8
Concen: 50.043 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 610537

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2

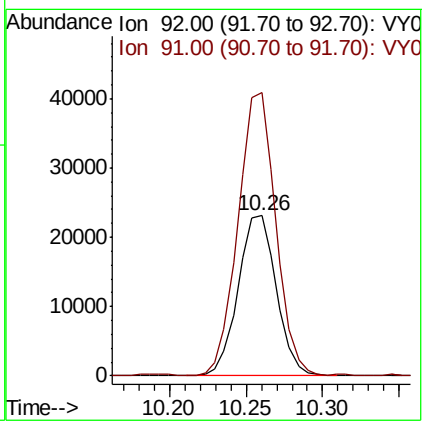


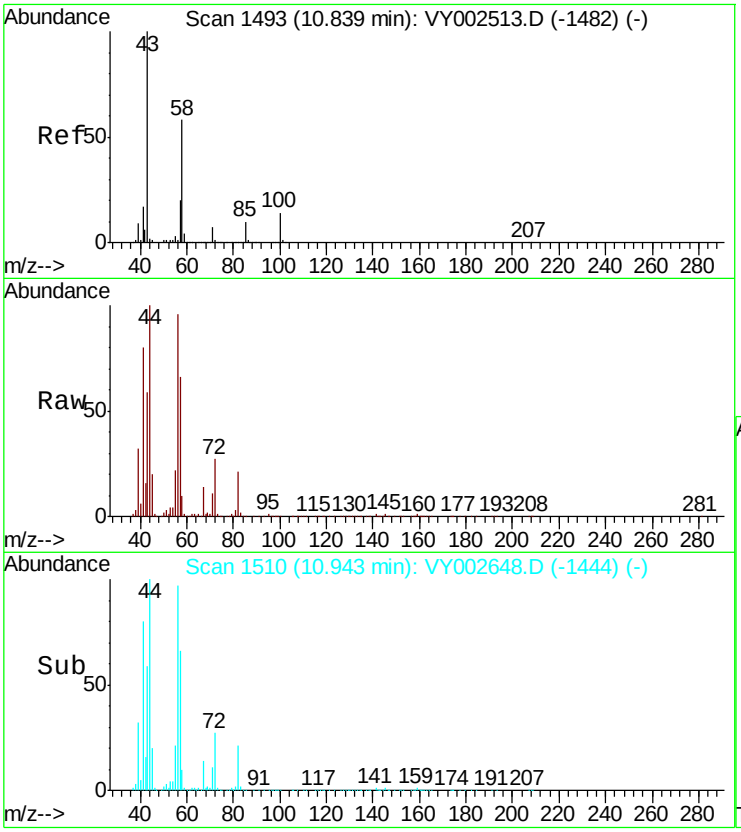


#52
Toluene
Concen: 4.726 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion: 92 Resp: 40169

Ion	Ratio	Lower	Upper
92	100		
91	172.9	139.3	208.9



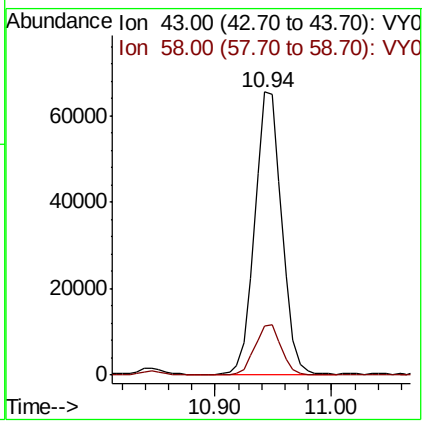


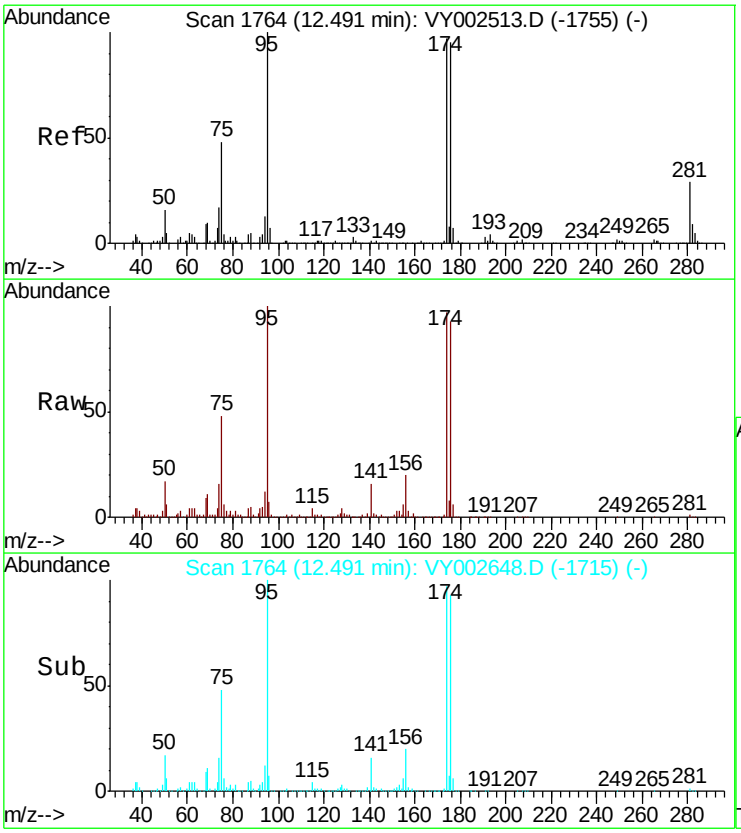
#59
2-Hexanone
Concen: 67.640 ug/l
RT: 10.94 min Scan# 1510
Delta R.T. 0.10 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 105863

Ion	Ratio	Lower	Upper
43	100		
58	17.9	29.1	87.3#

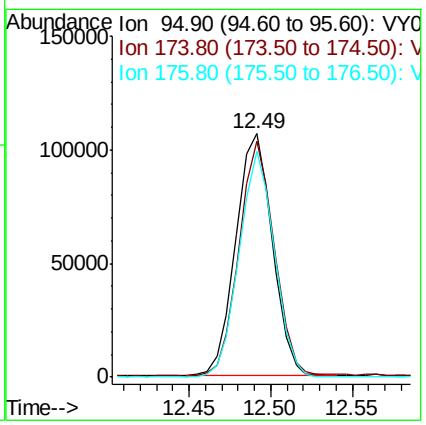


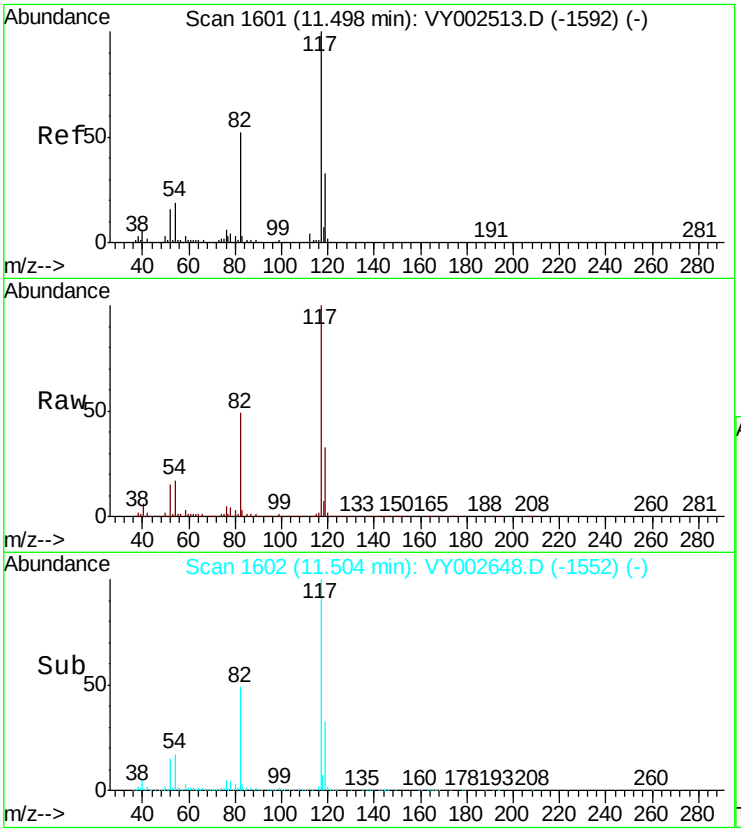


#62
4-Bromofluorobenzene
Concen: 40.218 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion: 95 Resp: 166496

Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	188.8
176	90.1	0.0	183.2



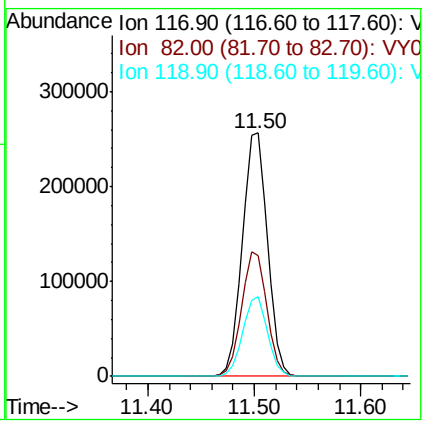


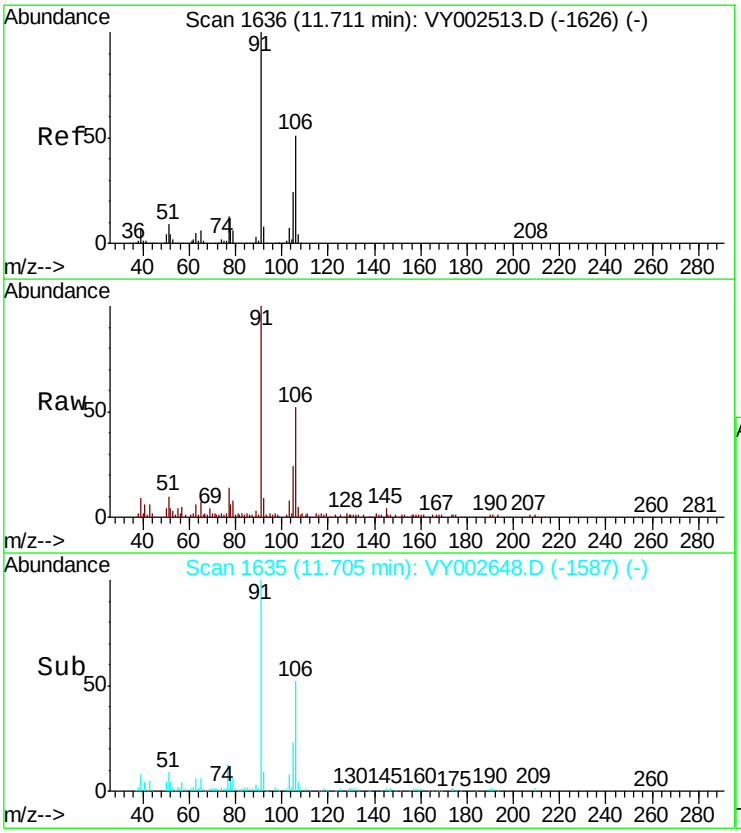
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 426403

Ion	Ratio	Lower	Upper
117	100		
82	49.3	41.3	61.9
119	32.5	26.0	39.0

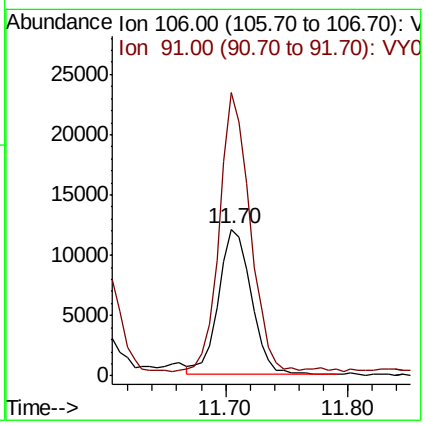


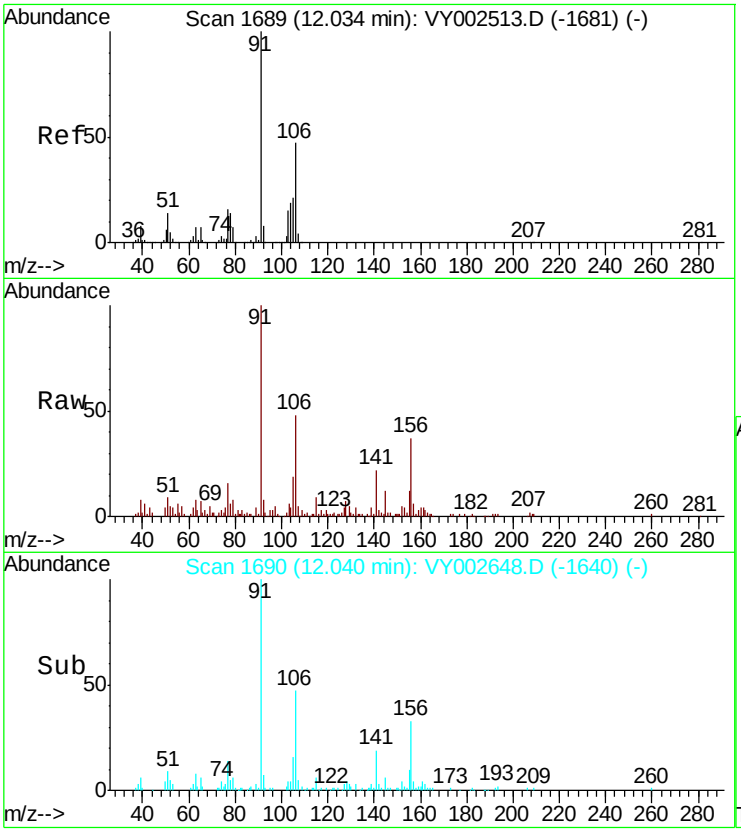


#68
m/p-Xylenes
Concen: 4.042 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion:106 Resp: 22270

Ion	Ratio	Lower	Upper
106	100		
91	179.3	155.2	232.8



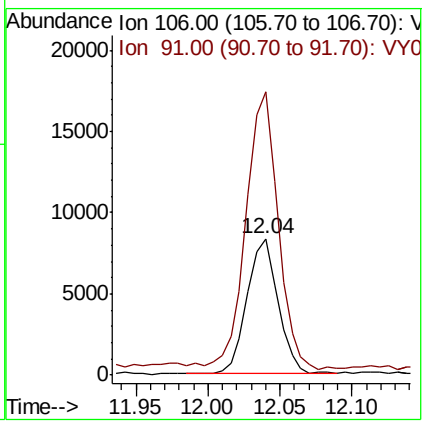


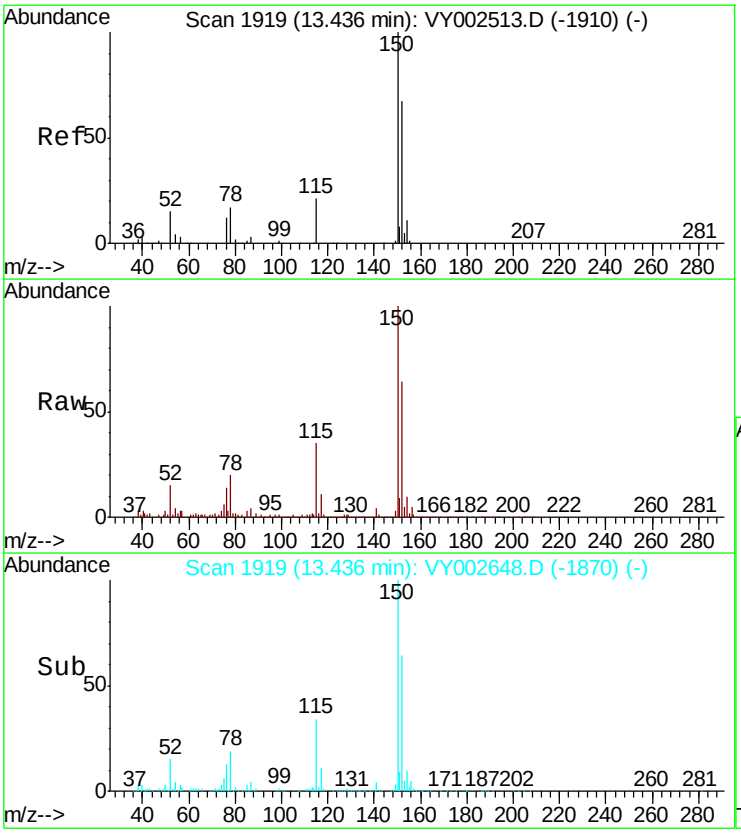
#69
o-Xylene
Concen: 2.427 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 12518

Ion	Ratio	Lower	Upper
106	100		
91	207.4	103.8	311.3

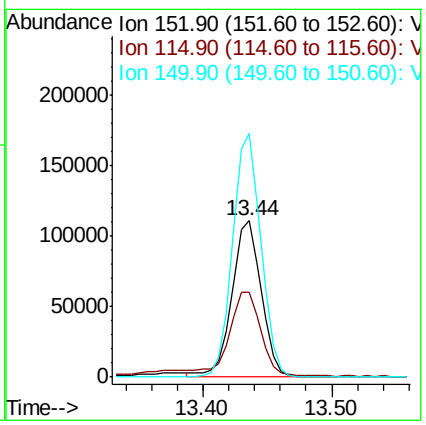


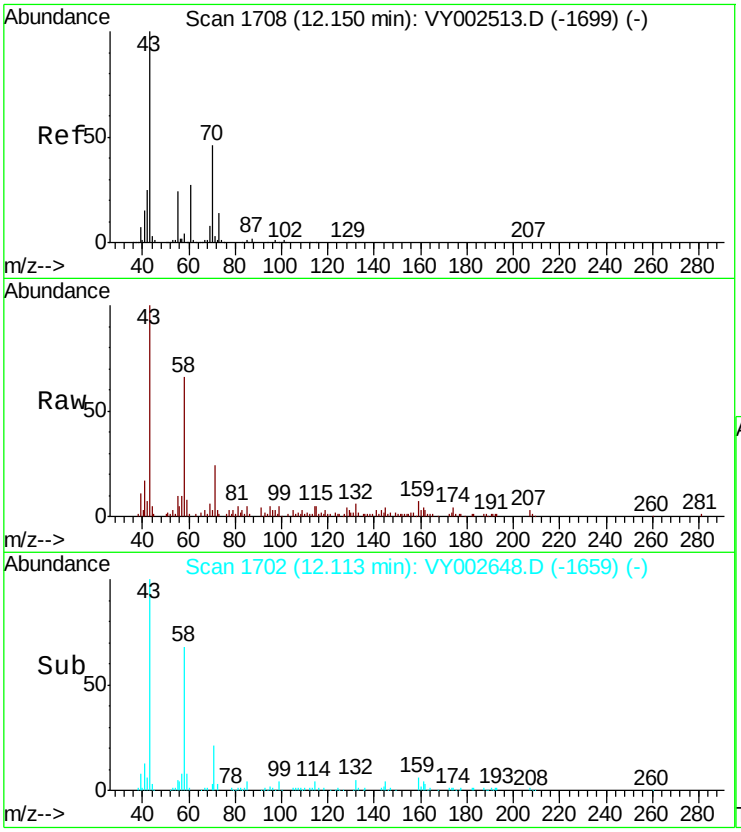


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion:152 Resp: 174705

Ion	Ratio	Lower	Upper
152	100		
115	58.0	27.5	82.4
150	151.0	0.0	346.4



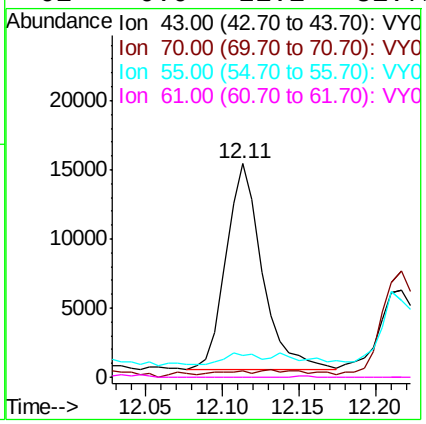


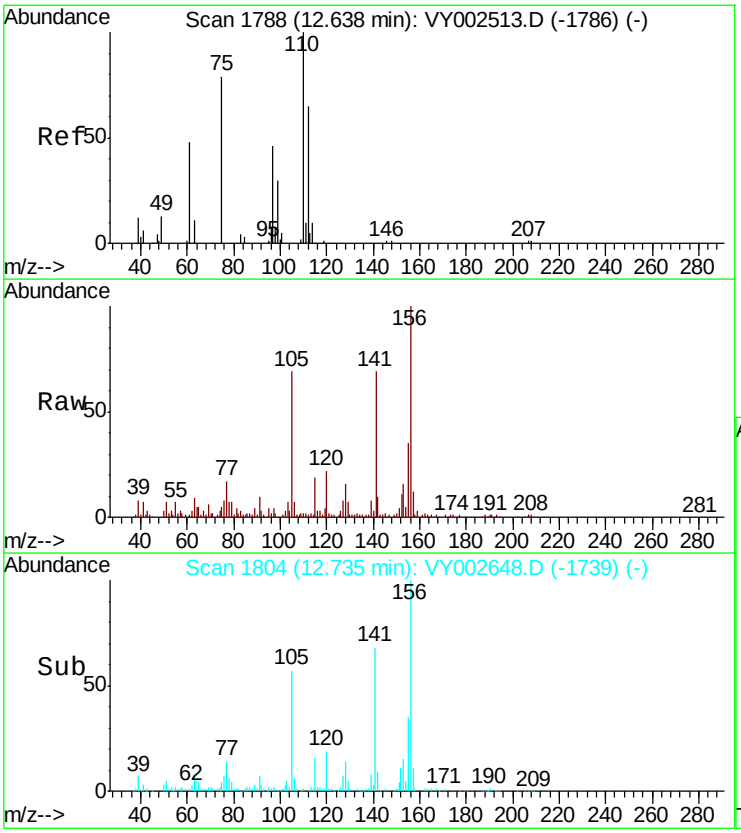
#74
N-amyl acetate
Concen: 8.936 ug/l
RT: 12.11 min Scan# 1702
Delta R.T. -0.04 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 24340

Ion	Ratio	Lower	Upper
43	100		
70	2.4	36.7	55.1#
55	5.0	19.2	28.8#
61	0.0	21.1	31.7#

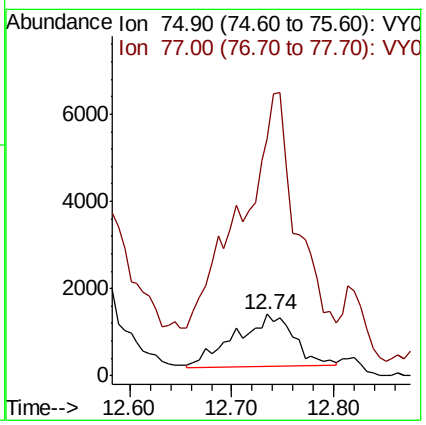


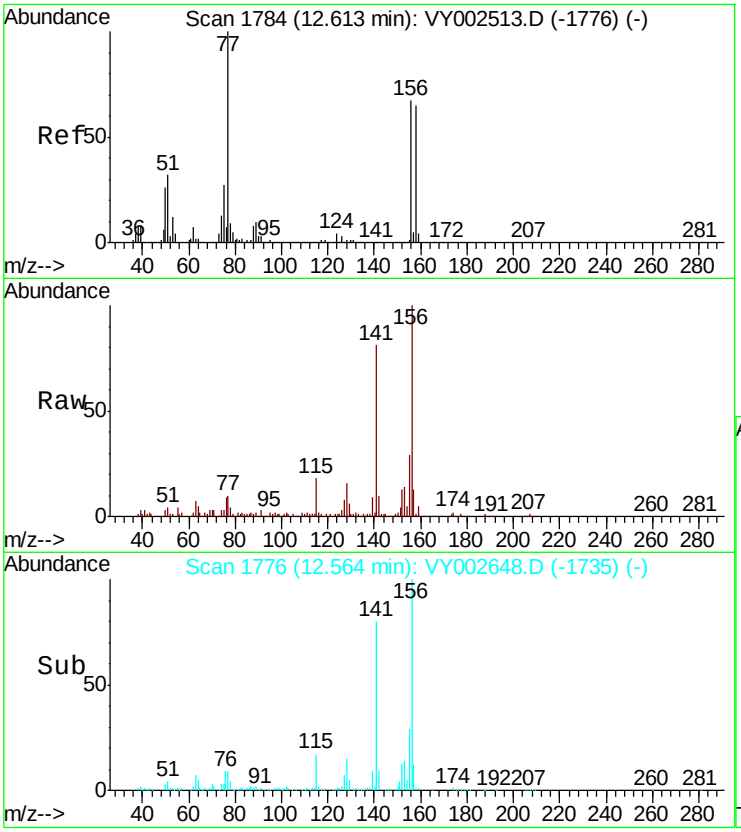


#76
1,2,3-Trichloropropane
Concen: 3.060 ug/l
RT: 12.74 min Scan# 1804
Delta R.T. 0.10 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion: 75 Resp: 4751

Ion	Ratio	Lower	Upper
75	100		
77	553.9	0.0	0.0#



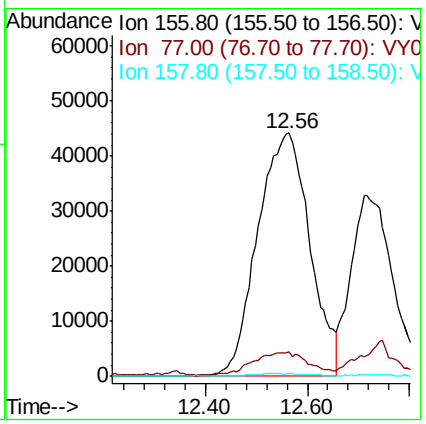


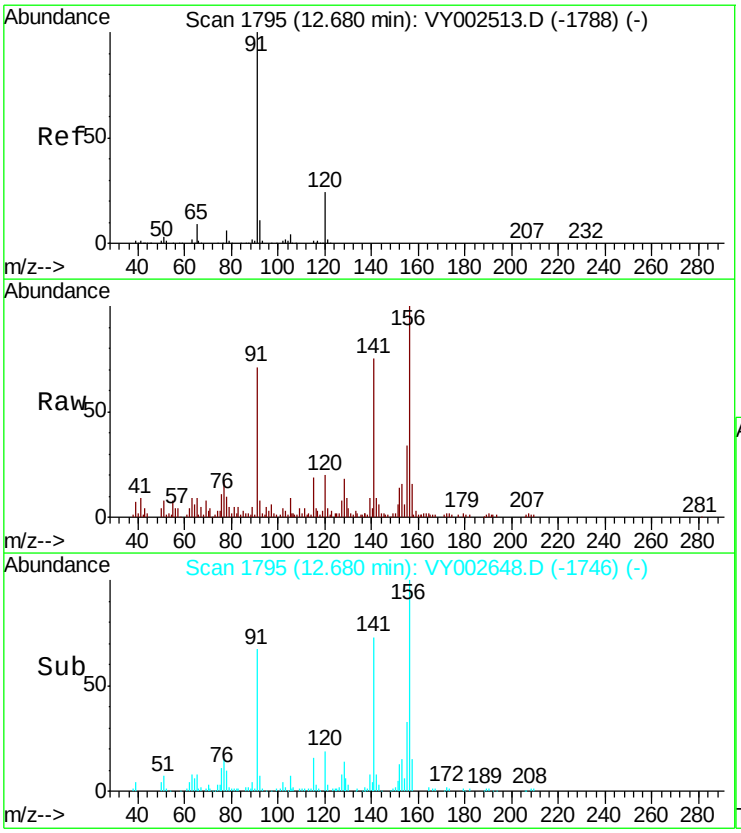
#77
Bromobenzene
Concen: 110.817 ug/l
RT: 12.56 min Scan# 1776
Delta R.T. -0.05 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 313482

Ion	Ratio	Lower	Upper
156	100		
77	9.2	82.0	245.8#
158	0.0	48.5	145.6#

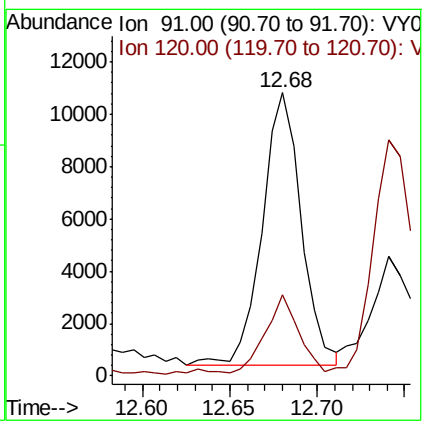


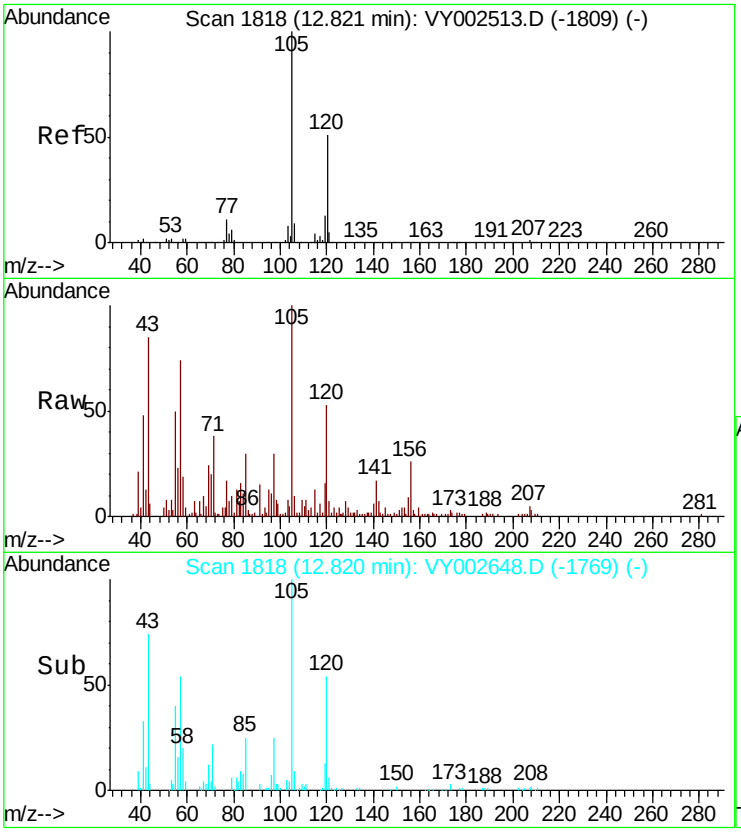


#78
n-propylbenzene
Concen: 1.236 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion: 91 Resp: 16245

Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.2	36.4



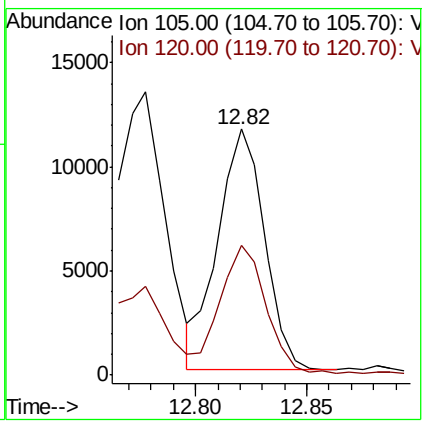


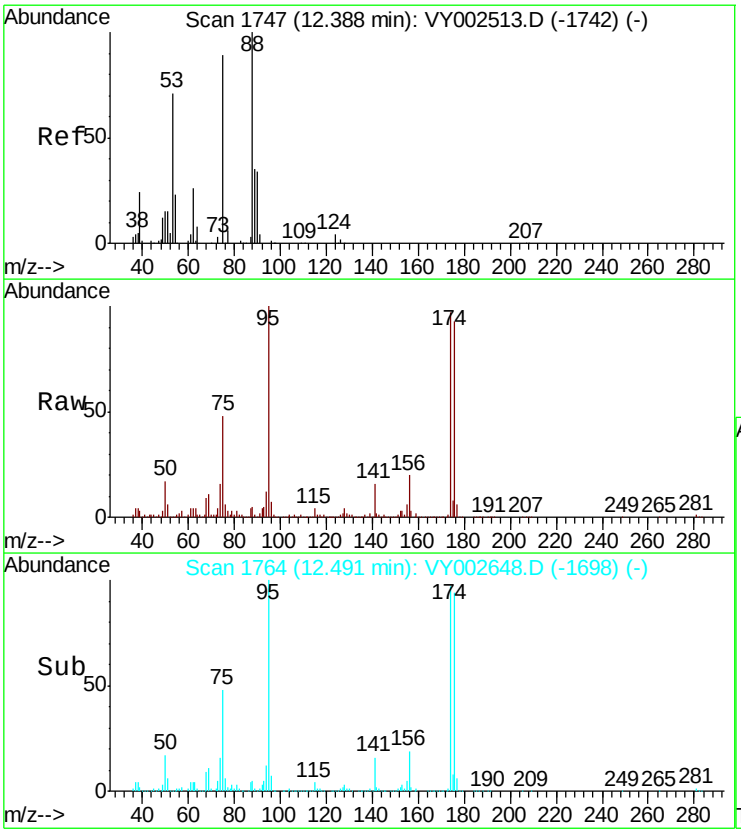
#80
1,3,5-Trimethylbenzene
Concen: 1.801 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 16903

Ion	Ratio	Lower	Upper
105	100		
120	52.4	25.3	75.9

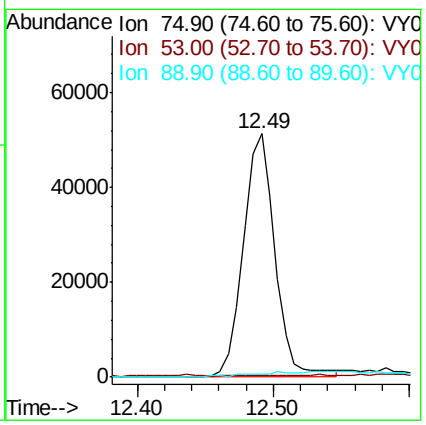


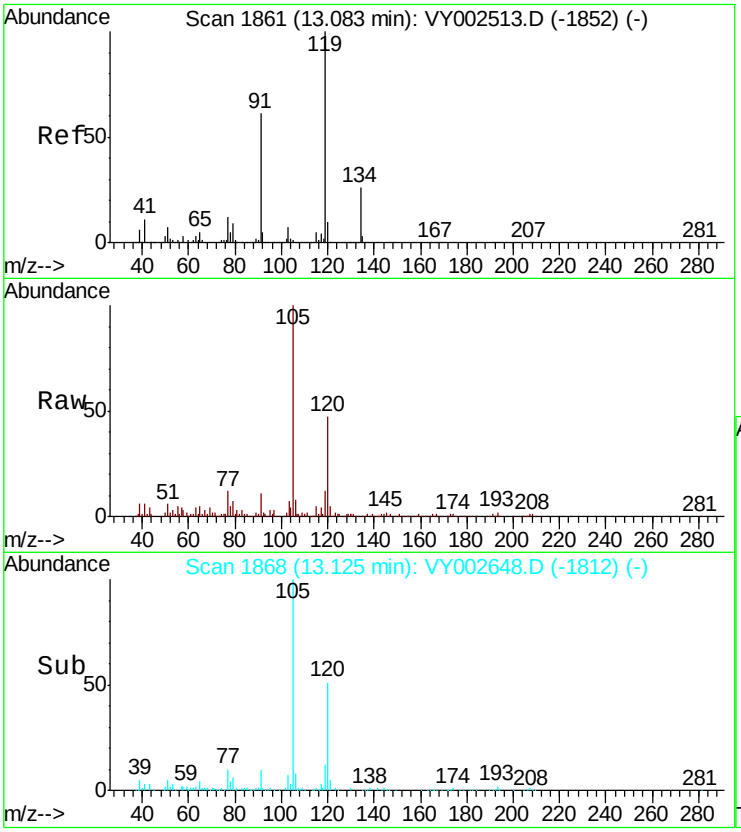


#81
trans-1,4-Dichloro-2-butene
Concen: 107.963 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion: 75 Resp: 83592

Ion	Ratio	Lower	Upper
75	100		
53	0.2	67.4	101.0#
89	2.0	37.4	56.0#



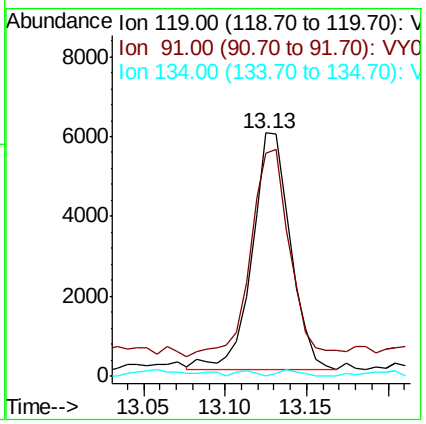


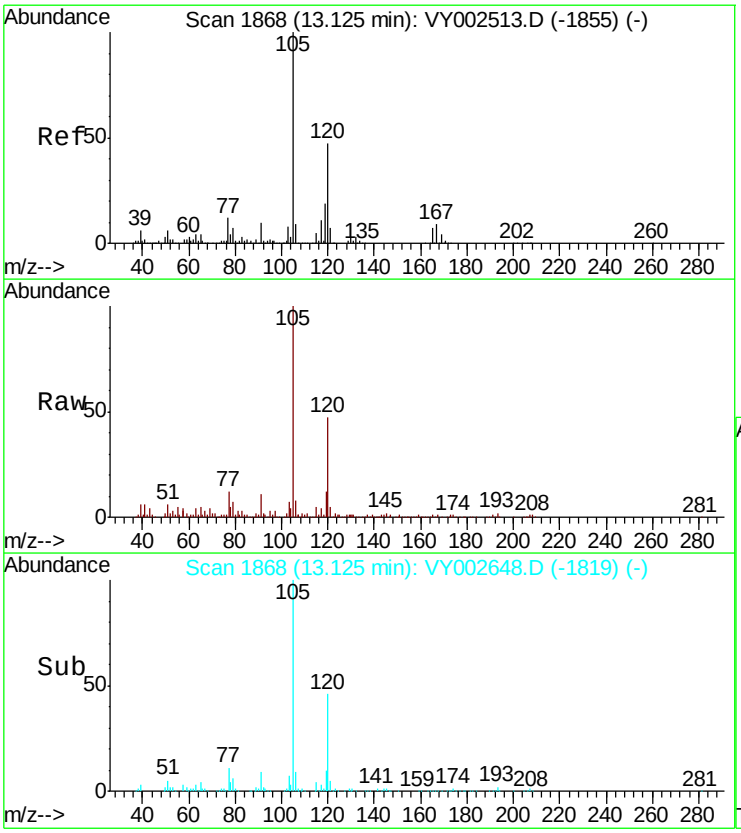
#83
tert-Butylbenzene
Concen: 1.171 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.04 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:119 Resp: 9633

Ion	Ratio	Lower	Upper
119	100		
91	90.2	30.6	91.6
134	1.7	13.5	40.4#

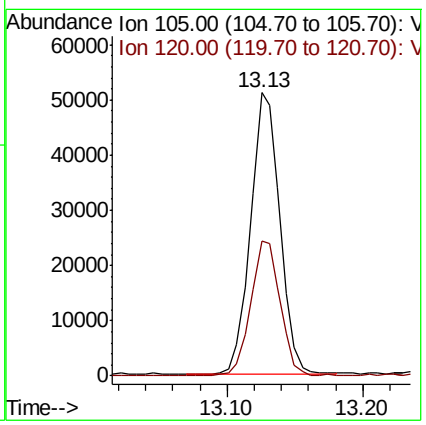


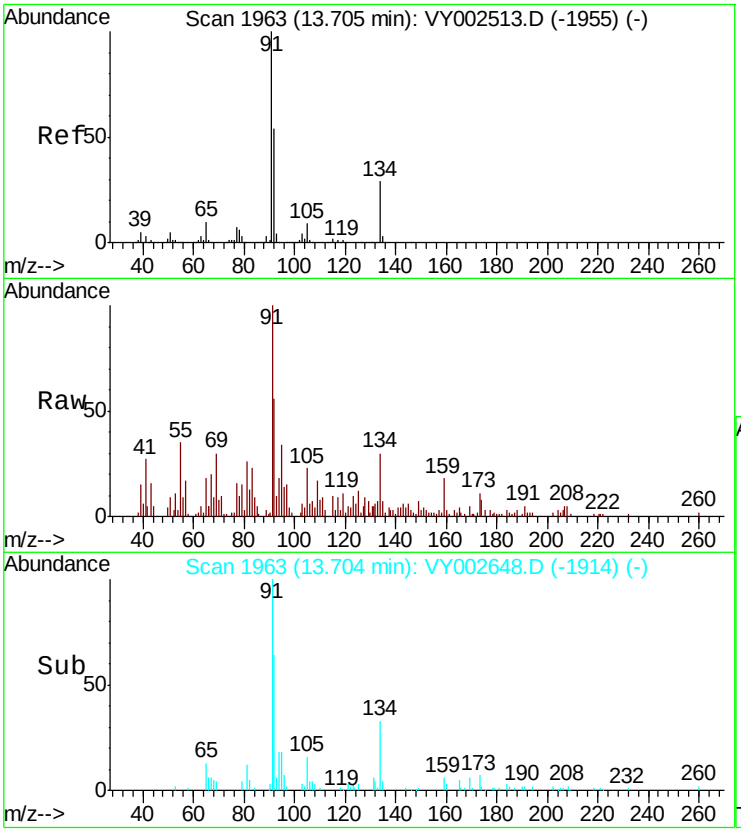


#84
1,2,4-Trimethylbenzene
Concen: 8.248 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion:105 Resp: 77146

Ion	Ratio	Lower	Upper
105	100		
120	47.9	23.4	70.3



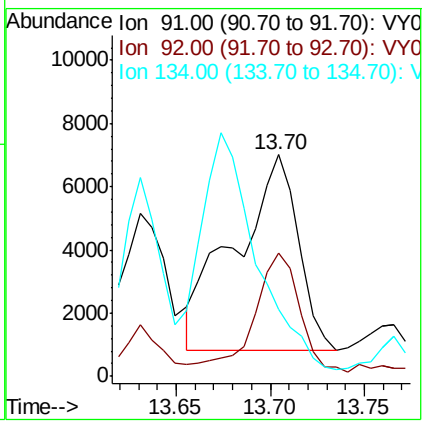


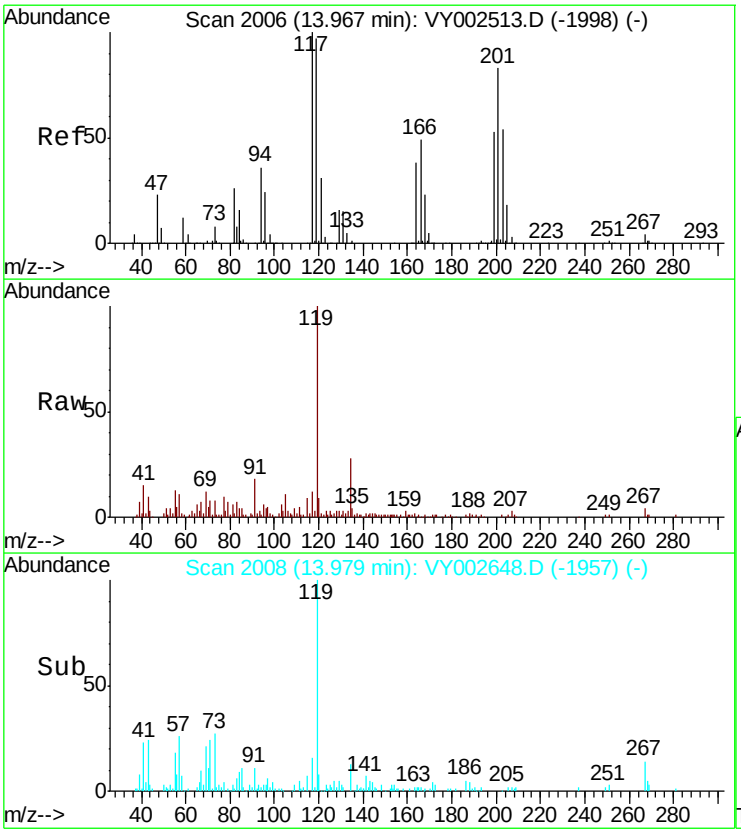
#89
n-Butylbenzene
Concen: 1.480 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 14413

Ion	Ratio	Lower	Upper
91	100		
92	44.0	27.1	81.3
134	0.0	14.4	43.0#

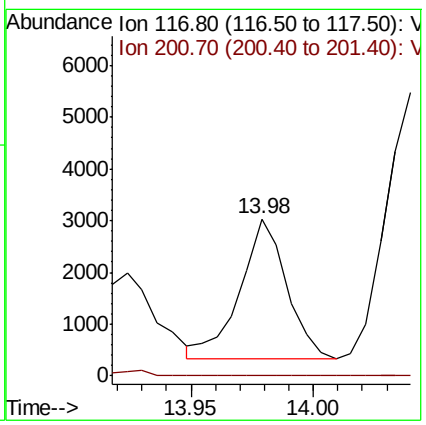


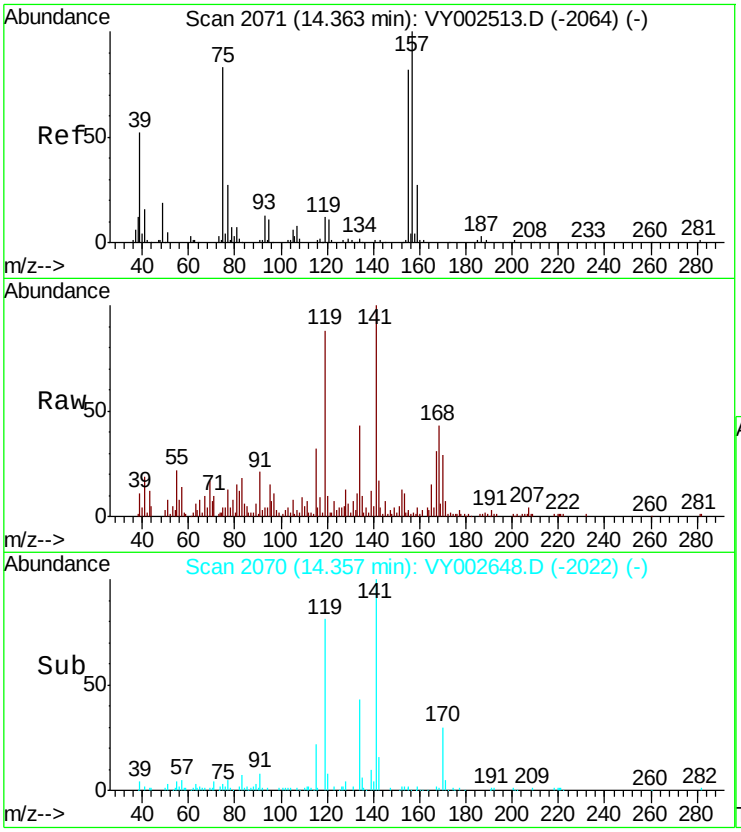


#90
Hexachloroethane
Concen: 1.834 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion:117 Resp: 3574

Ion	Ratio	Lower	Upper
117	100		
201	0.0	44.4	133.2#



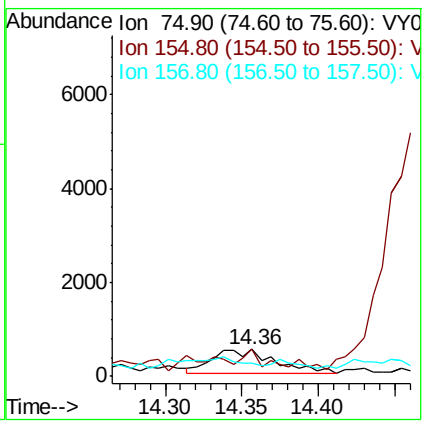


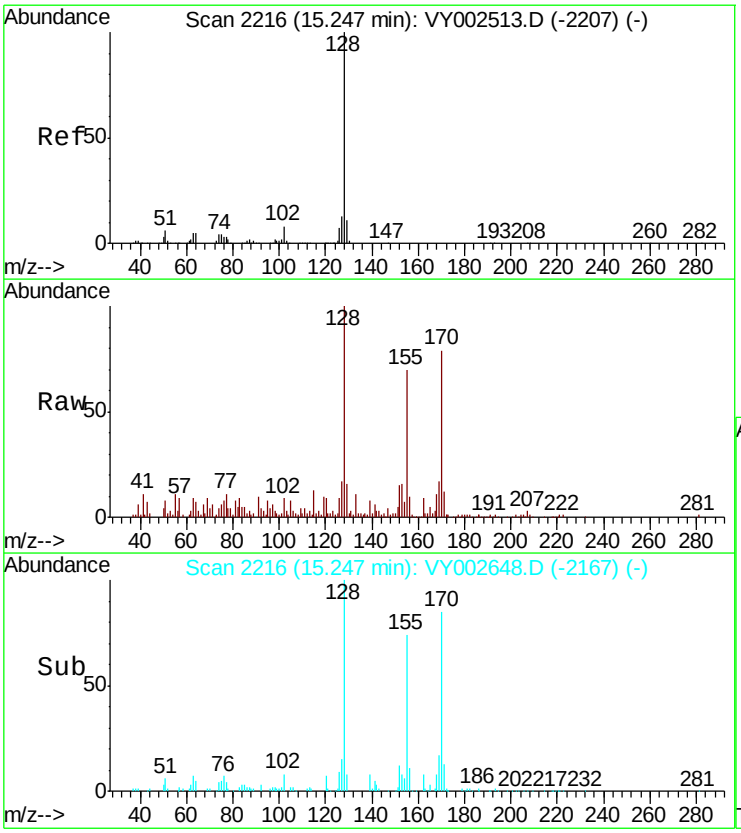
#92
1,2-Dibromo-3-Chloropropane
Concen: 4.448 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. -0.01 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1493

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.3	153.9#
157	12.9	65.0	195.0#





#95
Naphthalene
Concen: 8.452 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002648.D
Acq: 08 May 2020 17:57

Tgt Ion:128 Resp: 53476

Ion	Ratio	Lower	Upper
128	100		
127	18.8	10.5	15.7#
129	19.2	8.8	13.2#