Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020620\
Data File : VY001538.D
Acq On : 06 Feb 2020 18:03
Operator : SY/MD
Sample : L1408-13RE
Misc : 4.88G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Feb 07 04:09:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	6555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	12466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	11688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	4721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	4778	72.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 144.78%			
35) Dibromofluoromethane	7.74	113	3399	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.56%			
50) Toluene-d8	10.19	98	14514	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.74%			
62) 4-Bromofluorobenzene	12.49	95	5448	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.70%			
Target Compounds						Qvalue
3) Chloromethane	2.13	50	264	3.937	ug/l #	79
5) Bromomethane	2.68	94	237	5.412	ug/l	91
10) Methyl Iodide	4.13	142	339	3.836	ug/l #	42
13) Acrolein	3.96	56	22	3.520	ug/l #	15
15) Acrylonitrile	5.18	53	19	1.066	ug/l #	18
16) Acetone	3.97	43	279	14.614	ug/l #	40
20) Methylene Chloride	4.74	84	609	3.778	ug/l #	79
25) 2-Butanone	7.01	43	155	6.258	ug/l #	45
26) 2,2-Dichloropropane	7.00	77	162	1.347	ug/l #	52
29) Tetrahydrofuran	7.41	42	41	2.762	ug/l #	31
36) 1,1-Dichloropropene	7.82	75	594	5.209	ug/l #	41
37) Ethyl Acetate	7.01	43	155	2.808	ug/l #	23
38) Carbon Tetrachloride	7.82	117	725	6.571	ug/l #	12
41) Methacrylonitrile	7.38	41	26	1.016	ug/l #	1
48) Methyl methacrylate	9.24	41	71	1.431	ug/l #	10
51) 4-Methyl-2-Pentanone	10.07	43	57	1.059	ug/l #	33
68) m/p-Xylenes	11.70	106	215	1.350	ug/l	88
76) 1,2,3-Trichloropropane	12.49	75	2671	52.610	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	2671	101.798	ug/l #	16
95) Naphthalene	15.24	128	723	3.373	ug/l #	73

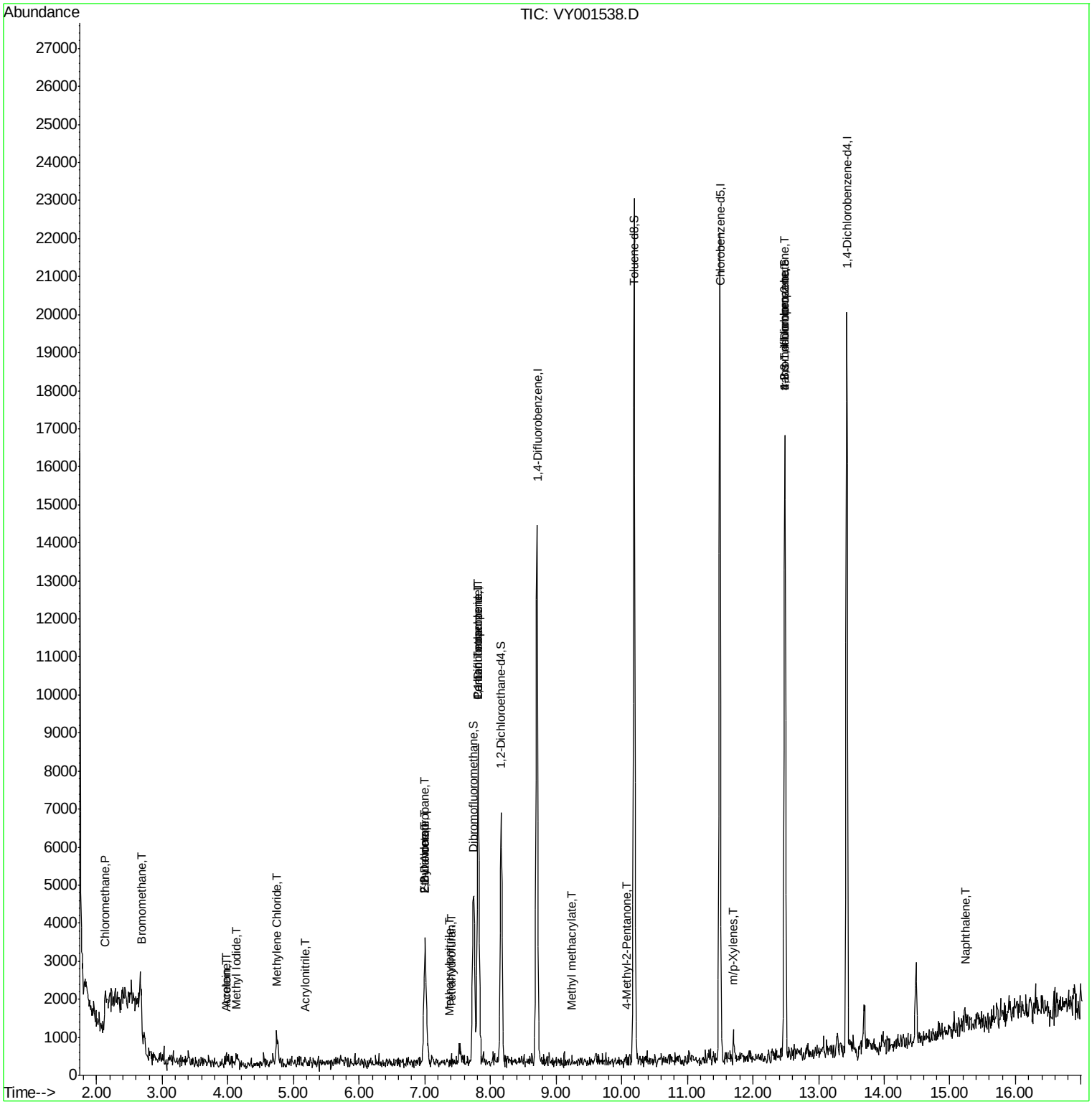
(#) = qualifier out of range (m) = manual integration (+) = signals summed

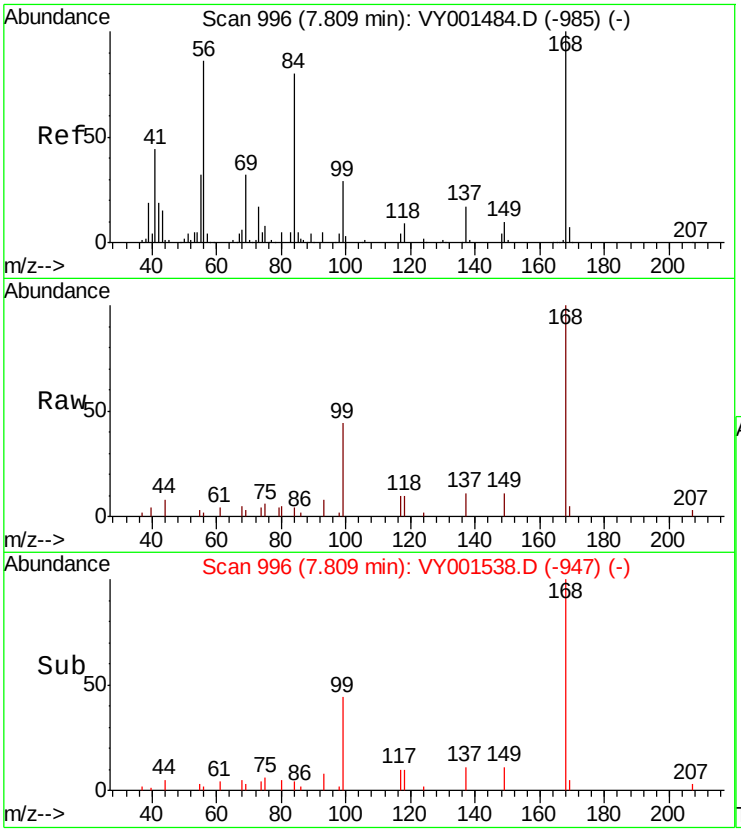
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020620\
Data File : VY001538.D
Acq On : 06 Feb 2020 18:03
Operator : SY/MD
Sample : L1408-13RE
Misc : 4.88G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 07 04:09:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration



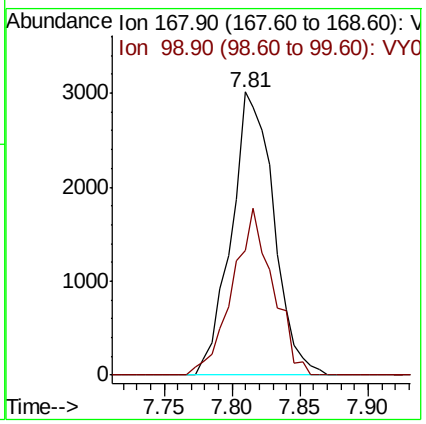


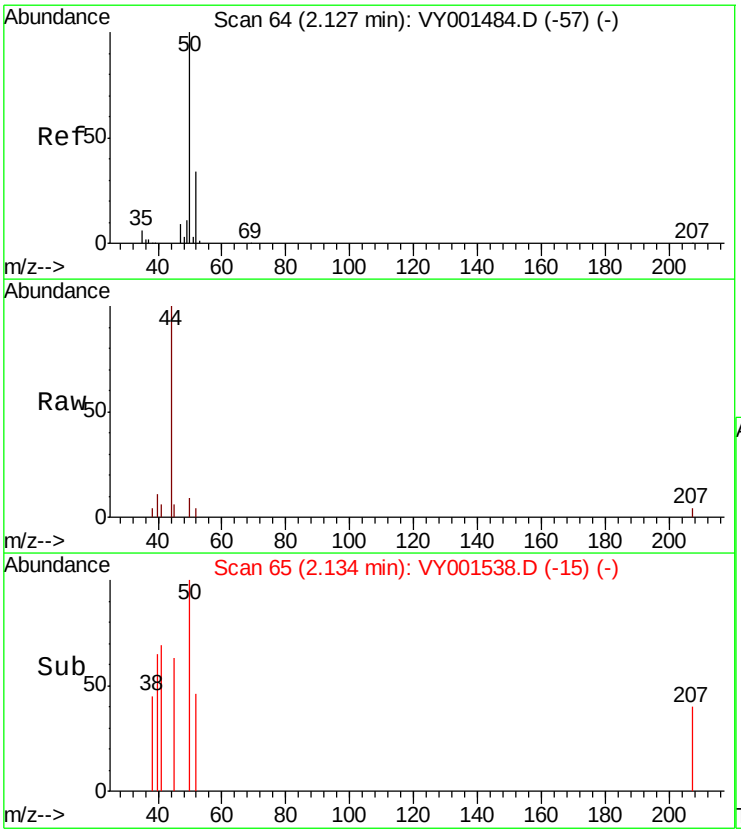
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 6555

Ion	Ratio	Lower	Upper
168	100		
99	44.2	48.2	72.4#

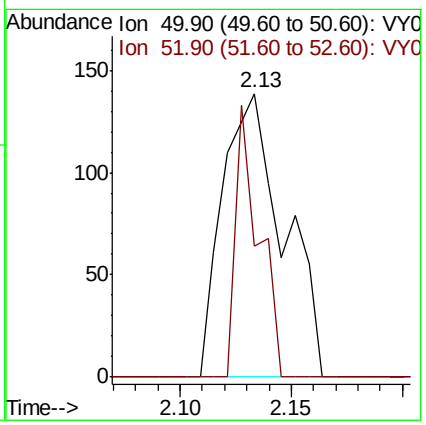


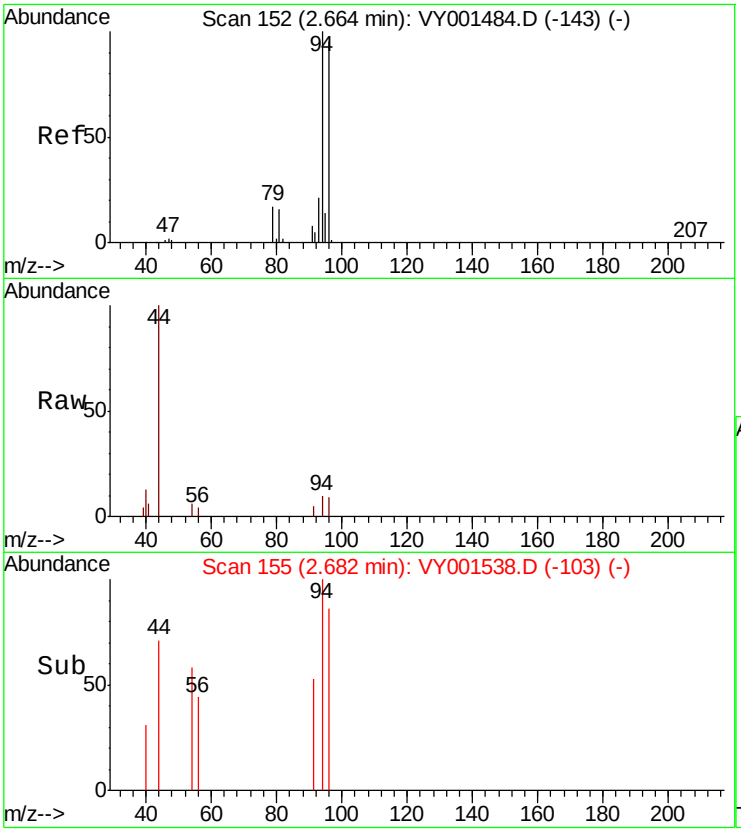


#3
Chloromethane
Concen: 3.937 ug/l
RT: 2.13 min Scan# 65
Delta R.T. 0.01 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion: 50 Resp: 264

Ion	Ratio	Lower	Upper
50	100		
52	46.0	27.3	40.9#



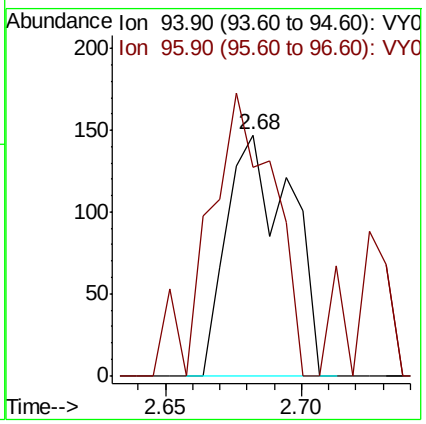


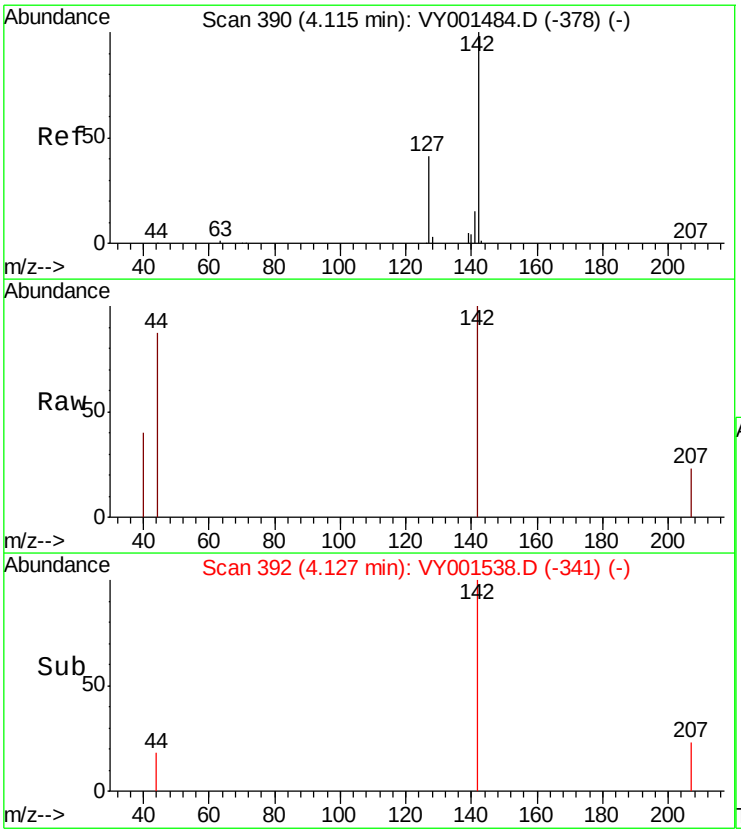
#5
Bromomethane
Concen: 5.412 ug/l
RT: 2.68 min Scan# 155
Delta R.T. 0.02 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 237

Ion	Ratio	Lower	Upper
94	100		
96	86.4	76.2	114.2

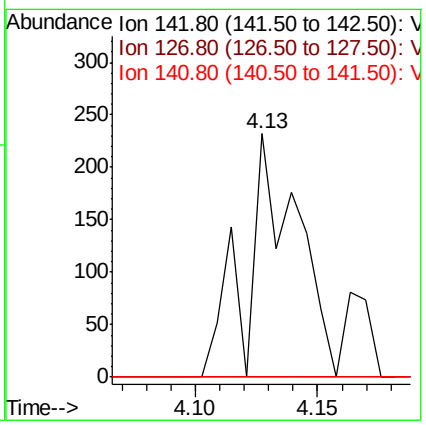


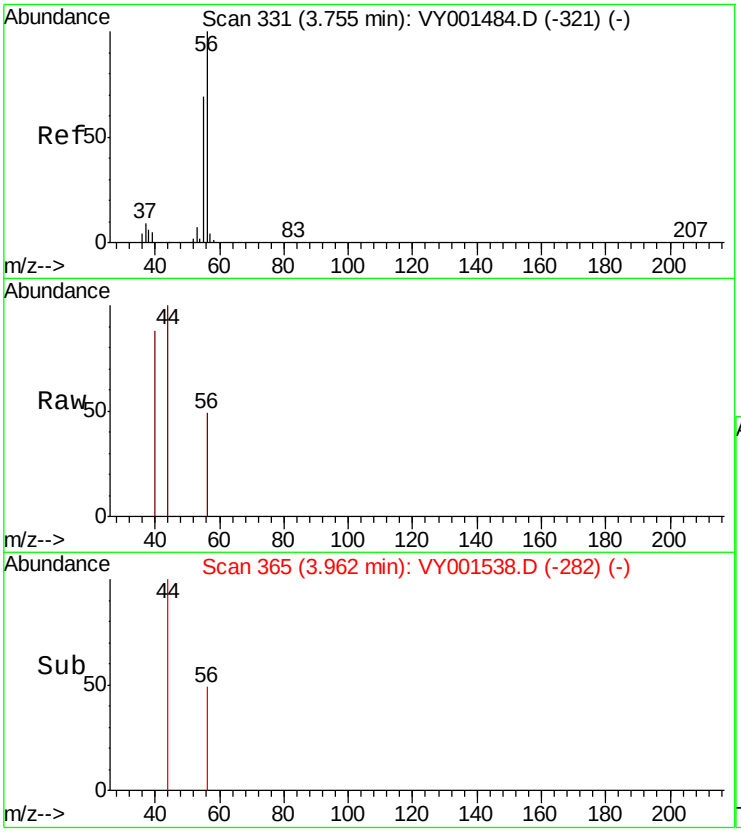


#10
Methyl Iodide
Concen: 3.836 ug/l
RT: 4.13 min Scan# 392
Delta R.T. 0.01 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion:142 Resp: 339

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.3	49.9#
141	0.0	11.5	17.3#



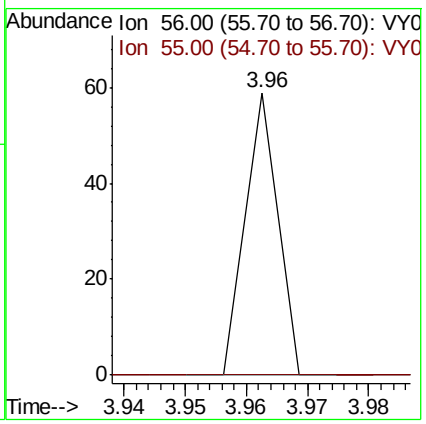


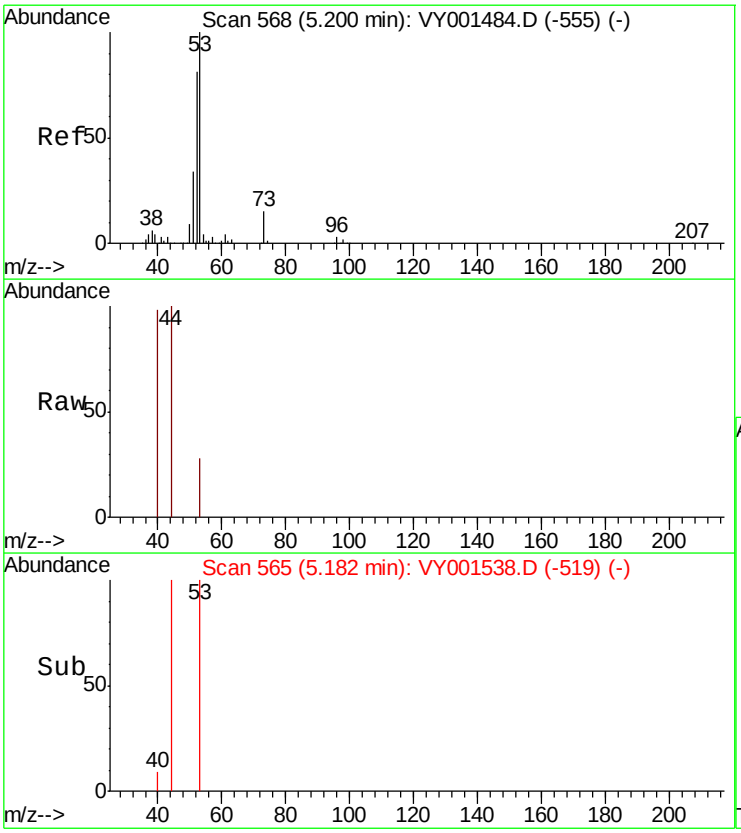
#13
Acrolein
Concen: 3.520 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.21 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 22

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#

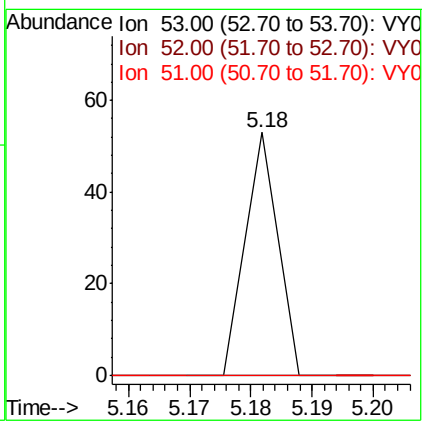


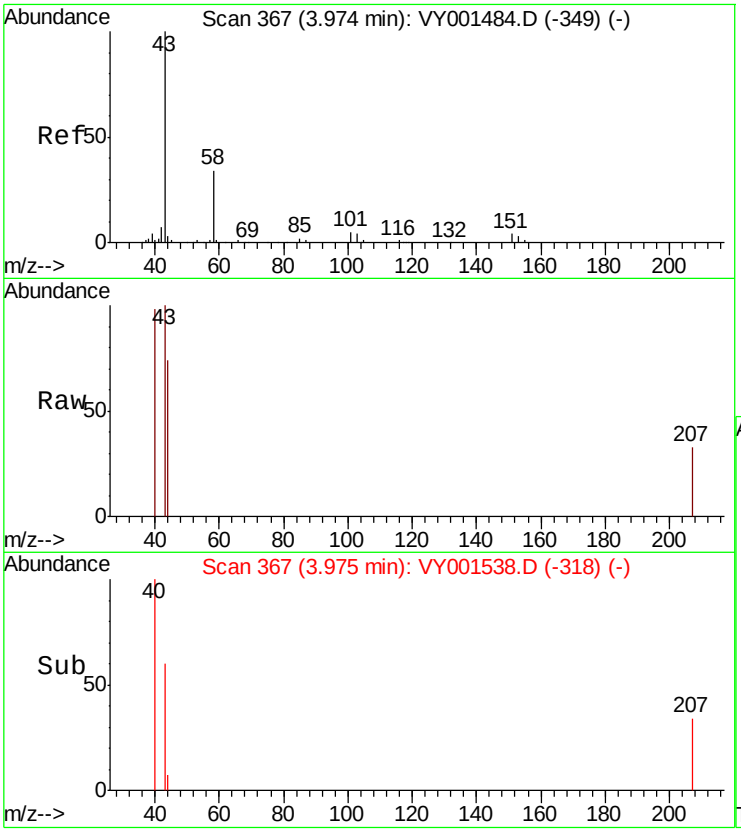


#15
Acrylonitrile
Concen: 1.066 ug/l
RT: 5.18 min Scan# 565
Delta R.T. -0.02 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion: 53 Resp: 19

Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.4	98.2#
51	0.0	29.0	43.4#



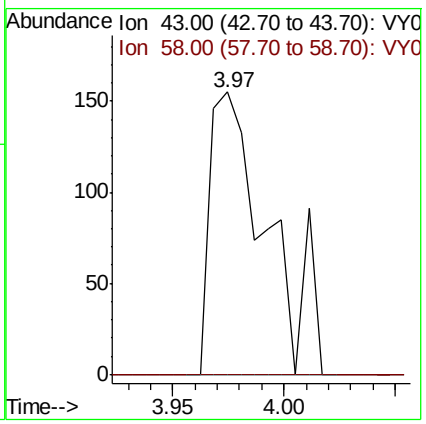


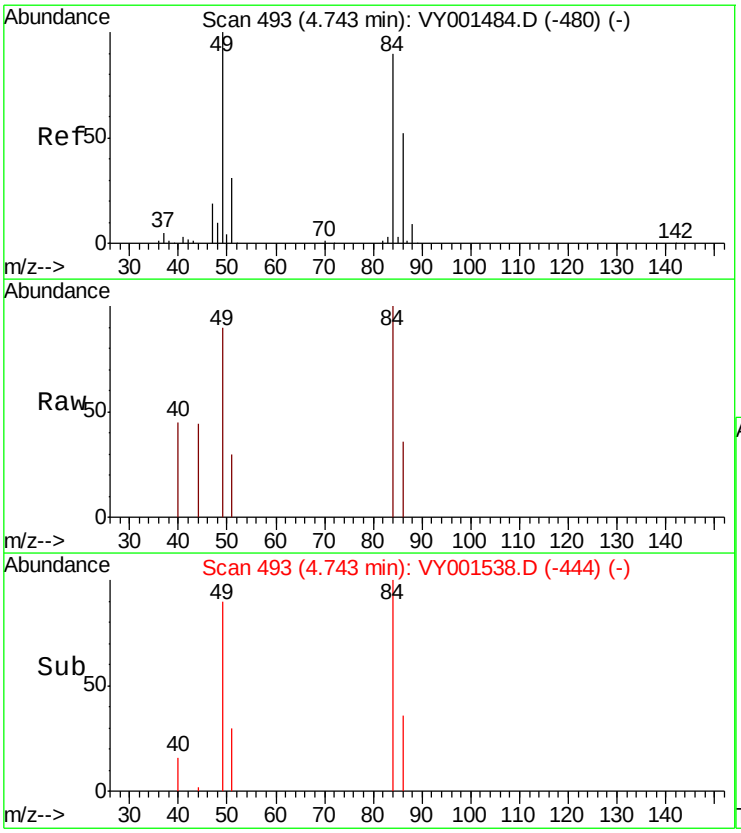
#16
Acetone
Concen: 14.614 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 279

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.5	41.3#

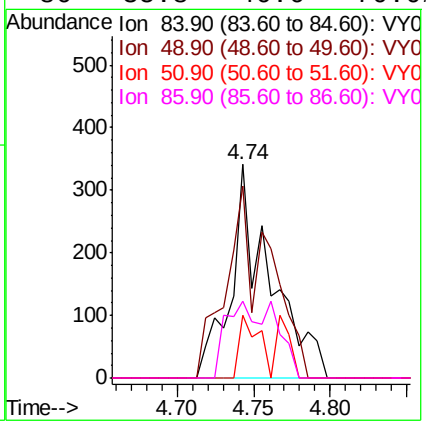


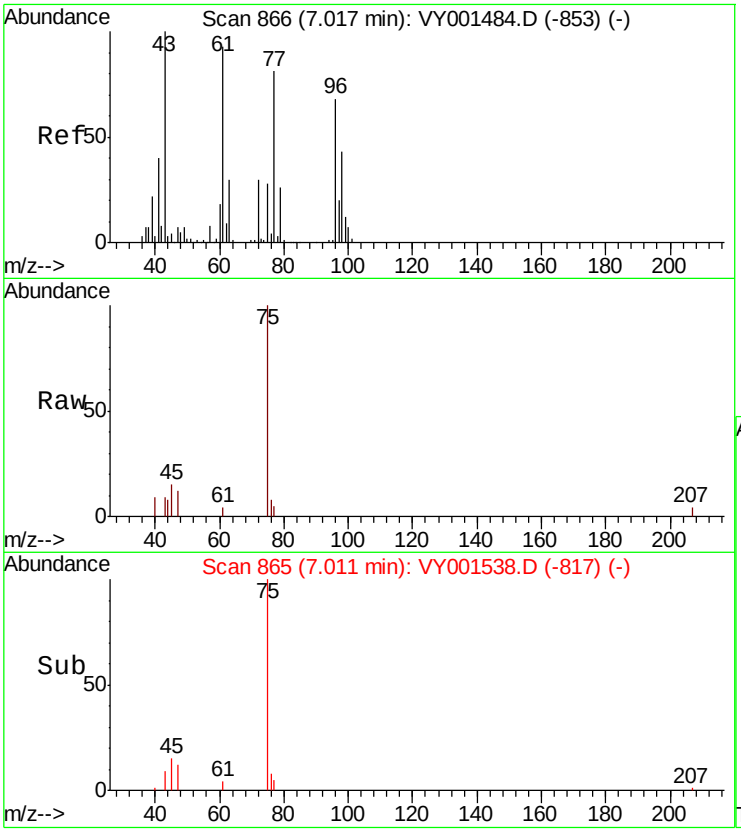


#20
Methylene Chloride
Concen: 3.778 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion: 84 Resp: 609

Ion	Ratio	Lower	Upper
84	100		
49	89.7	89.0	133.6
51	29.6	27.4	41.2
86	35.8	46.6	70.0#



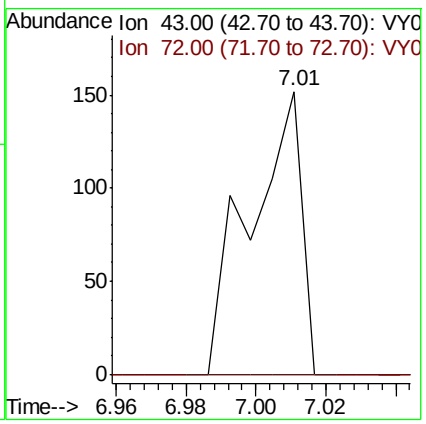


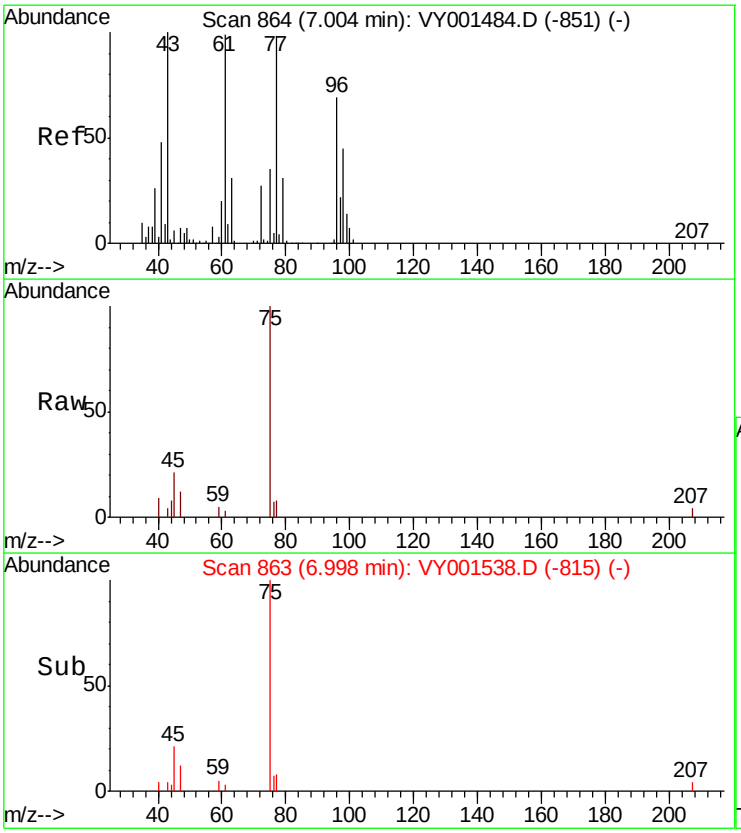
#25
2-Butanone
Concen: 6.258 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 155

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.8	35.8#

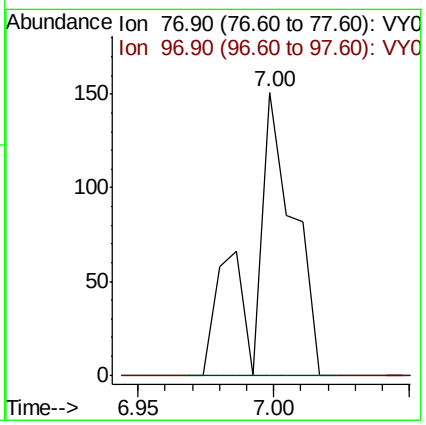


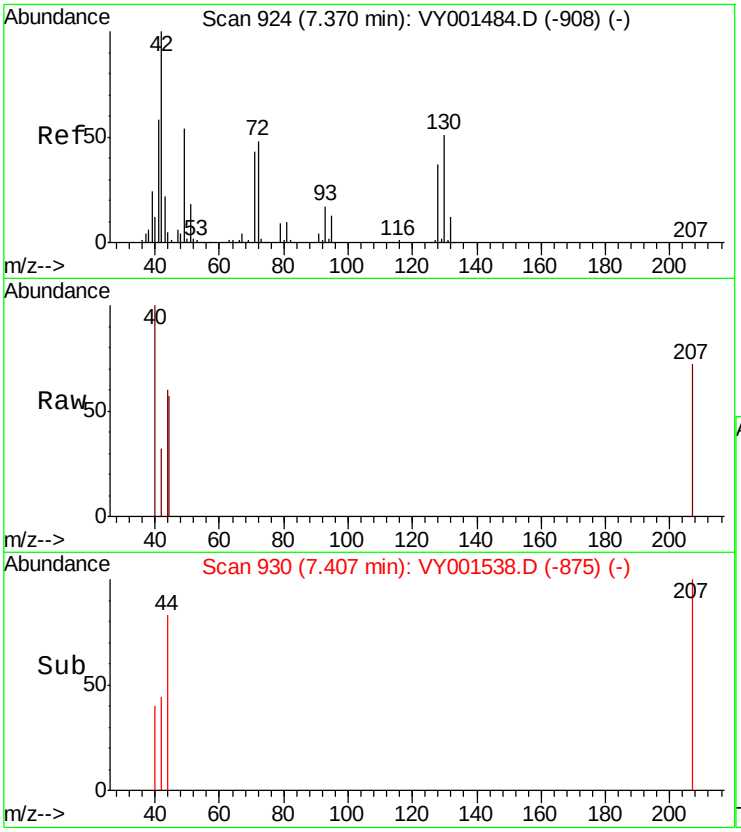


#26
2,2-Dichloropropane
Concen: 1.347 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion: 77 Resp: 162

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.7	35.0#



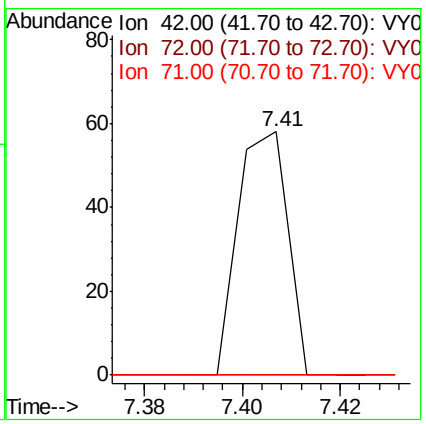


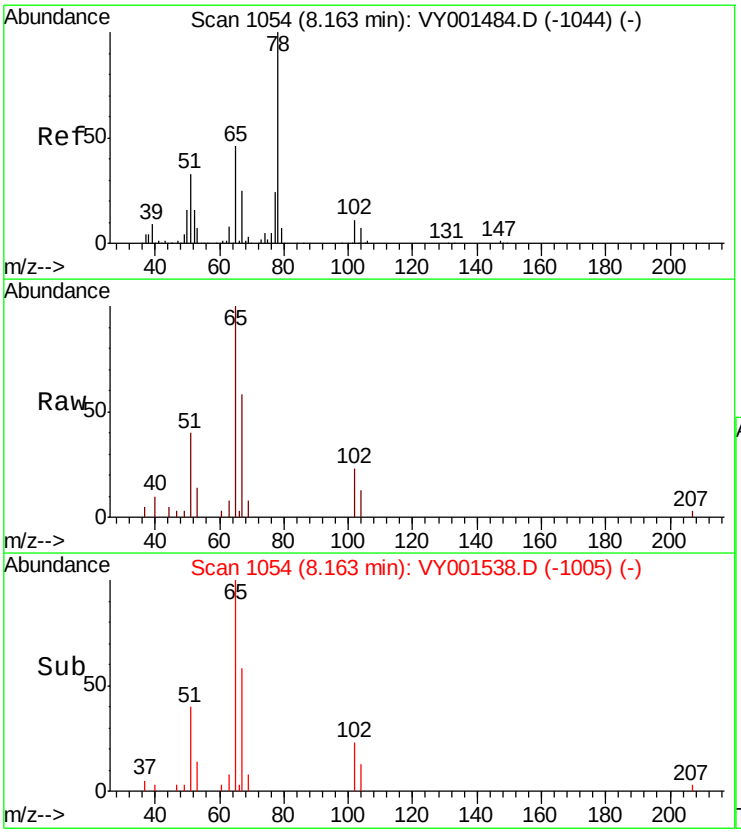
#29
Tetrahydrofuran
Concen: 2.762 ug/l
RT: 7.41 min Scan# 930
Delta R.T. 0.04 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 41

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.8	56.6#
71	0.0	34.8	52.2#

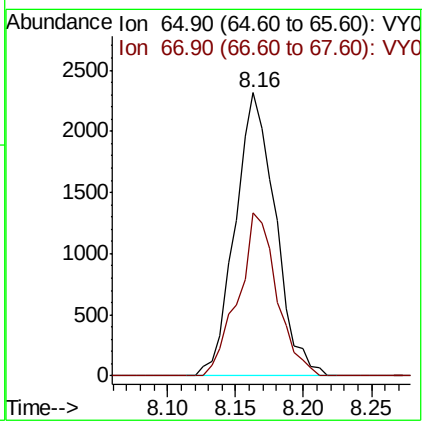


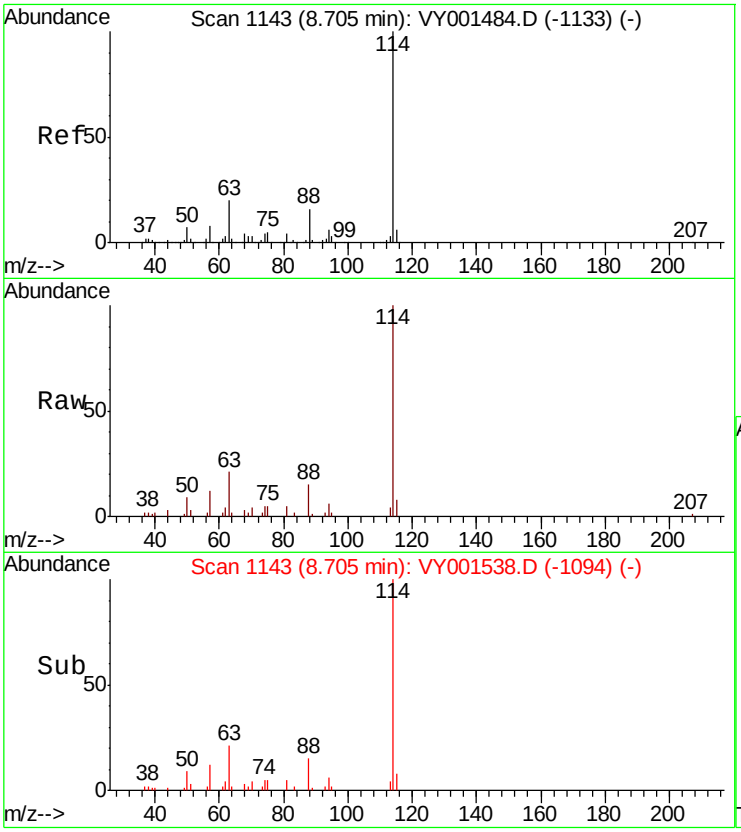


#33
1,2-Dichloroethane-d4
Concen: 72.395 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion: 65 Resp: 4778

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	108.6



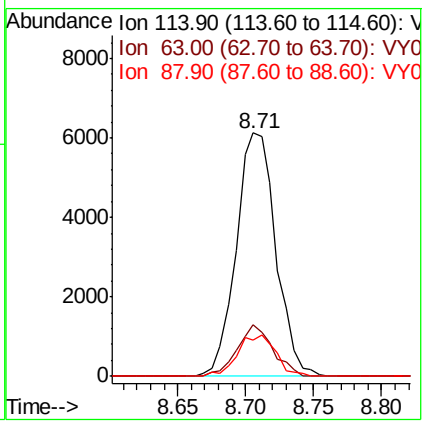


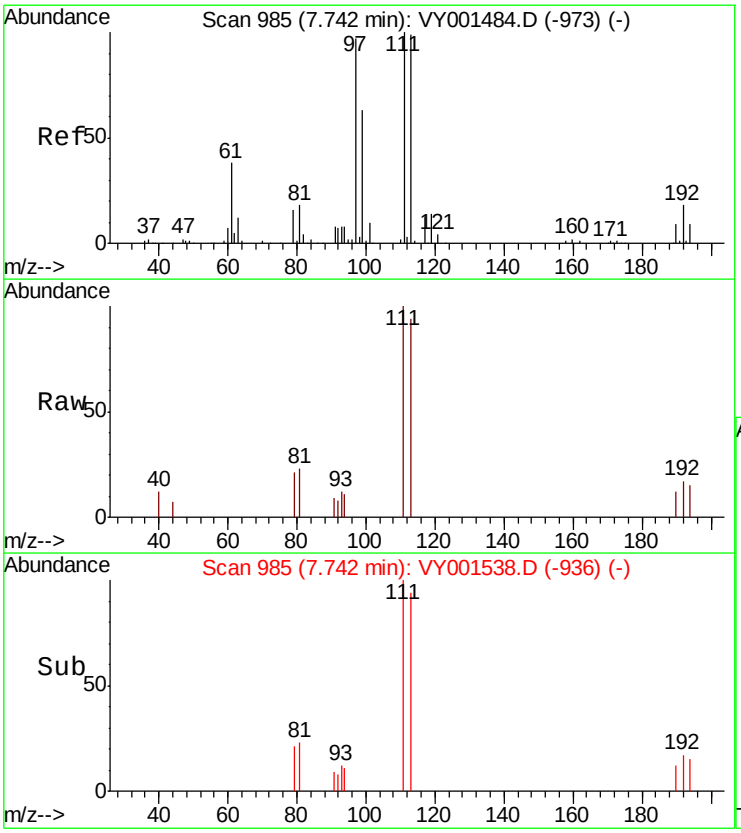
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 12466

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.8
88	14.7	0.0	32.6

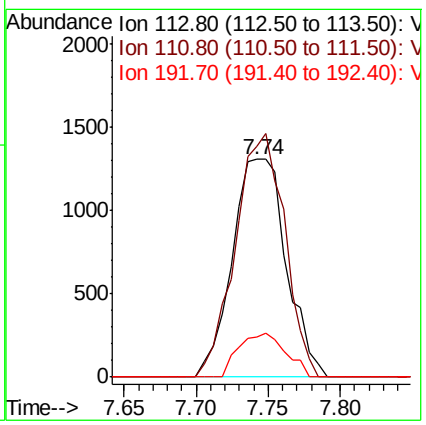


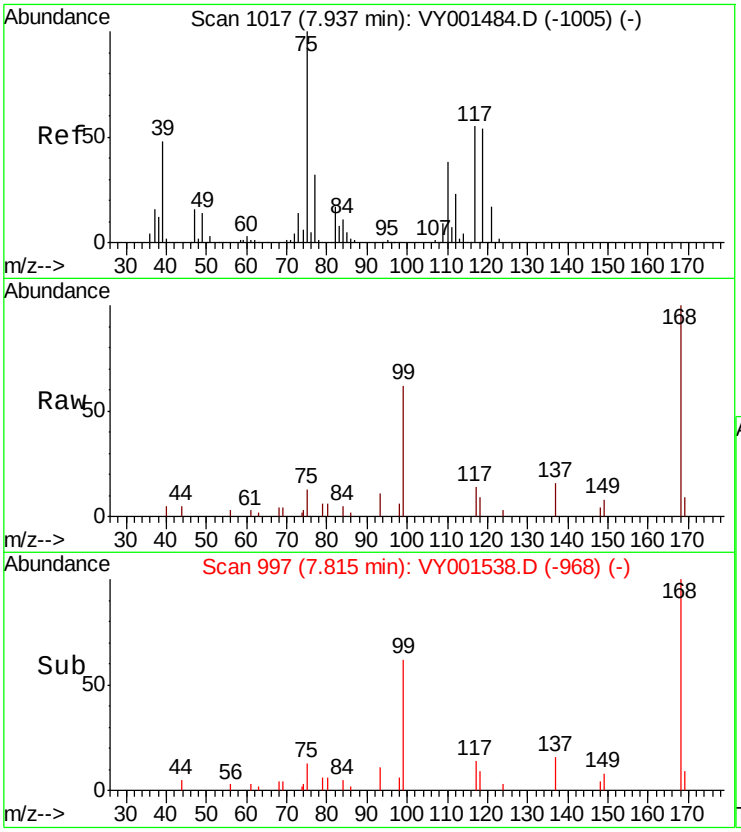


#35
Dibromofluoromethane
Concen: 47.284 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.00 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion:113 Resp: 3399

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	17.5	14.6	22.0



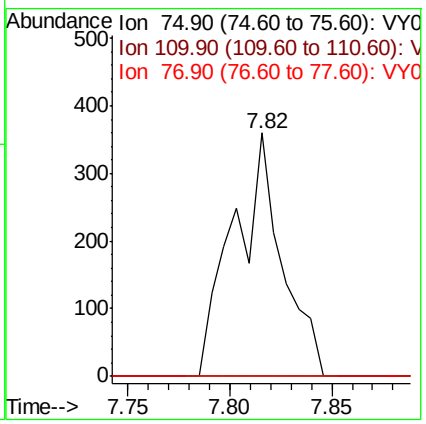


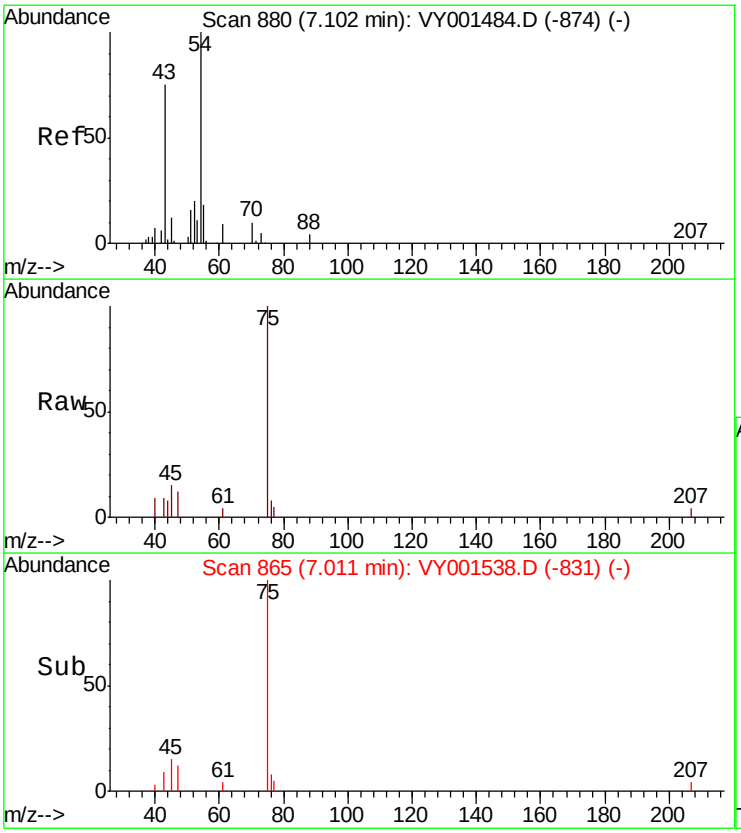
#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.12 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 594

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.2	54.6#
77	0.0	25.0	37.4#

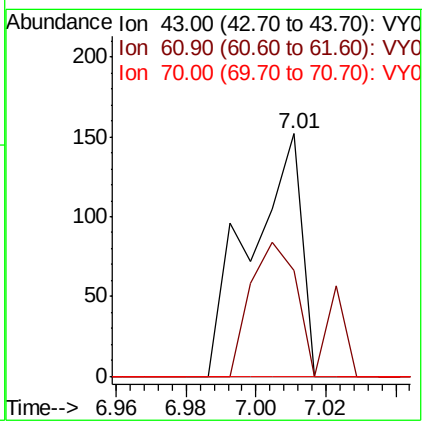


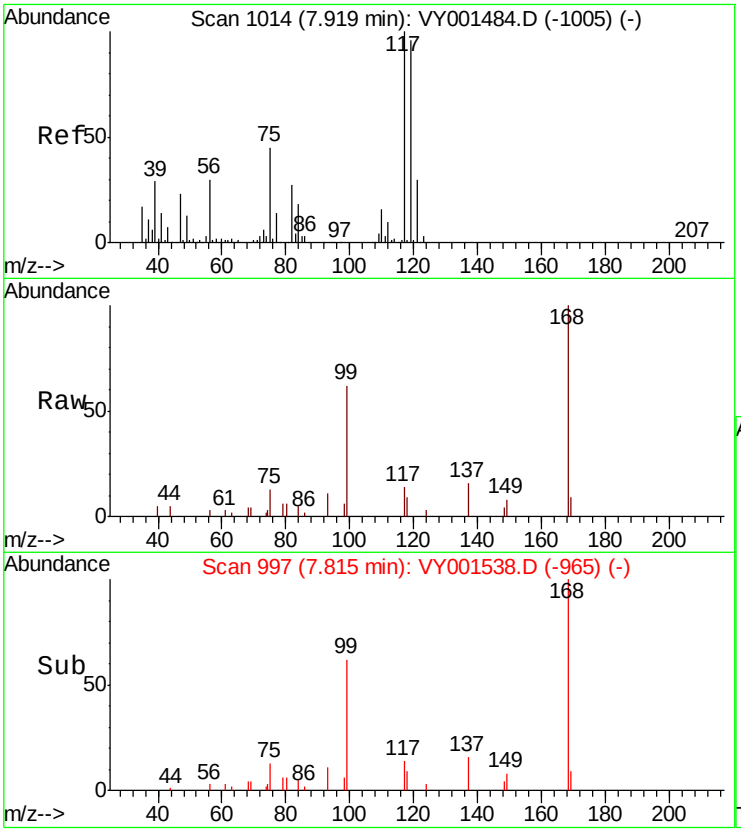


#37
Ethyl Acetate
Concen: 2.808 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.09 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion: 43 Resp: 155

Ion	Ratio	Lower	Upper
43	100		
61	62.6	12.0	18.0#
70	0.0	10.2	15.4#



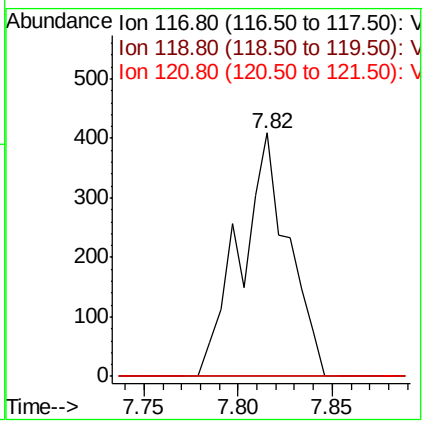


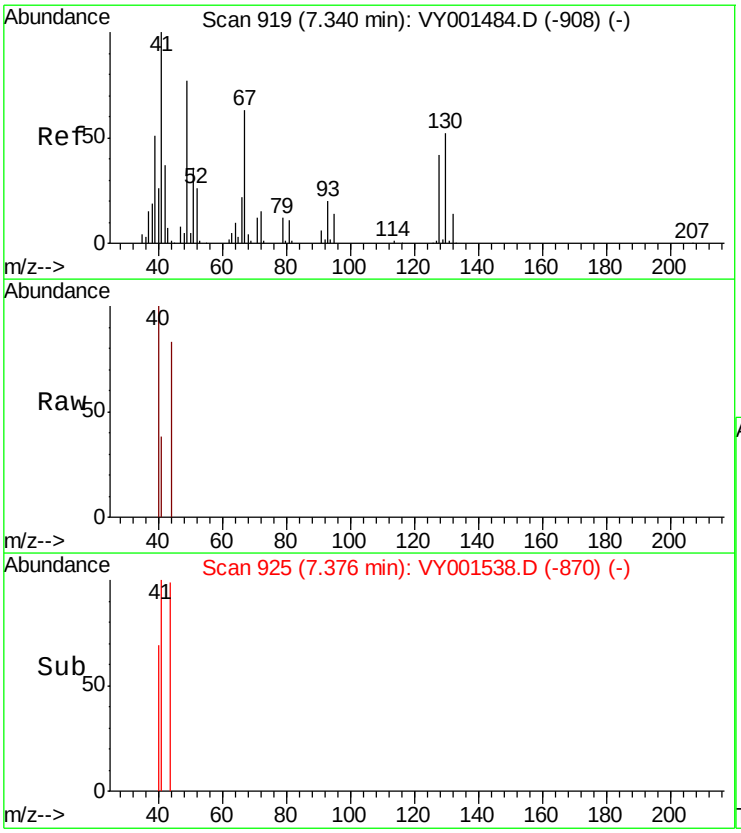
#38
Carbon Tetrachloride
Concen: 6.571 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 725

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.4	114.6#
121	0.0	24.2	36.4#

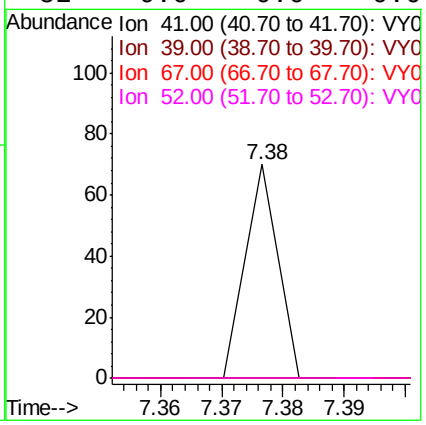


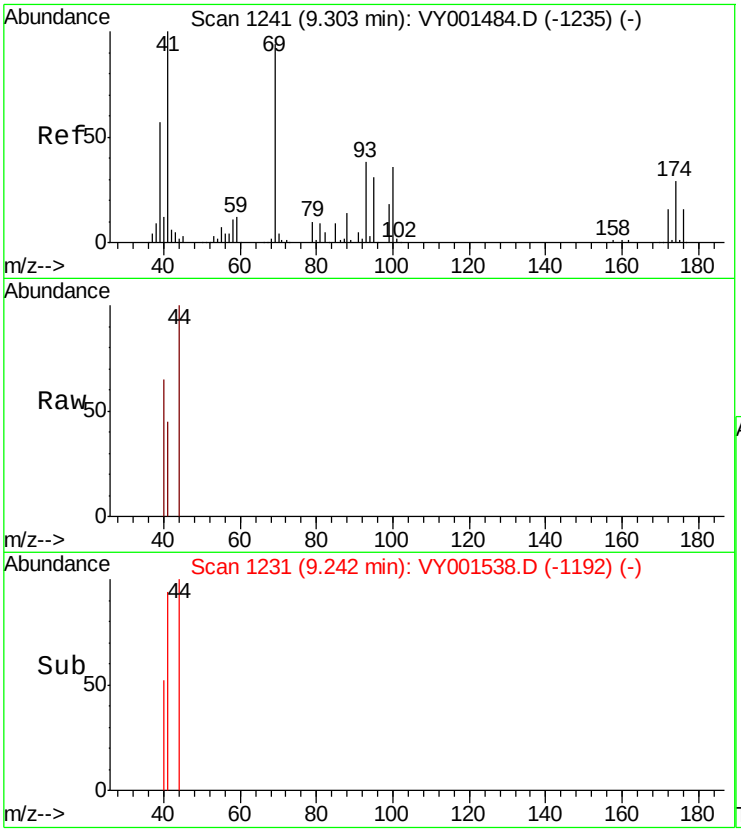


#41
Methacrylonitrile
Concen: 1.016 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.04 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion: 41 Resp: 26

Ion	Ratio	Lower	Upper
41	100		
39	0.0	116.8	175.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



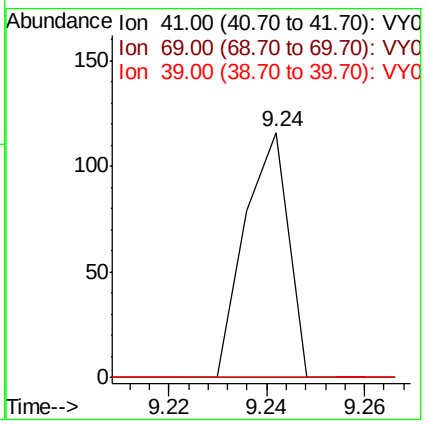


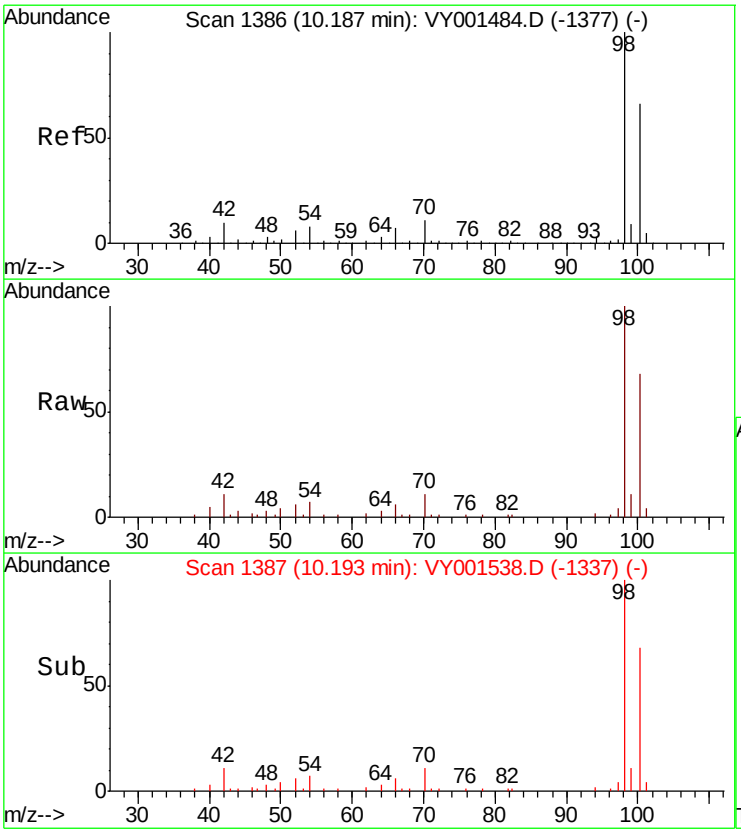
#48
Methyl methacrylate
Concen: 1.431 ug/l
RT: 9.24 min Scan# 1231
Delta R.T. -0.06 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 71

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.6	114.8#
39	0.0	45.4	68.0#

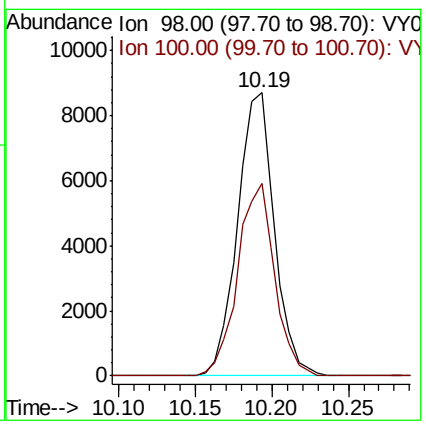


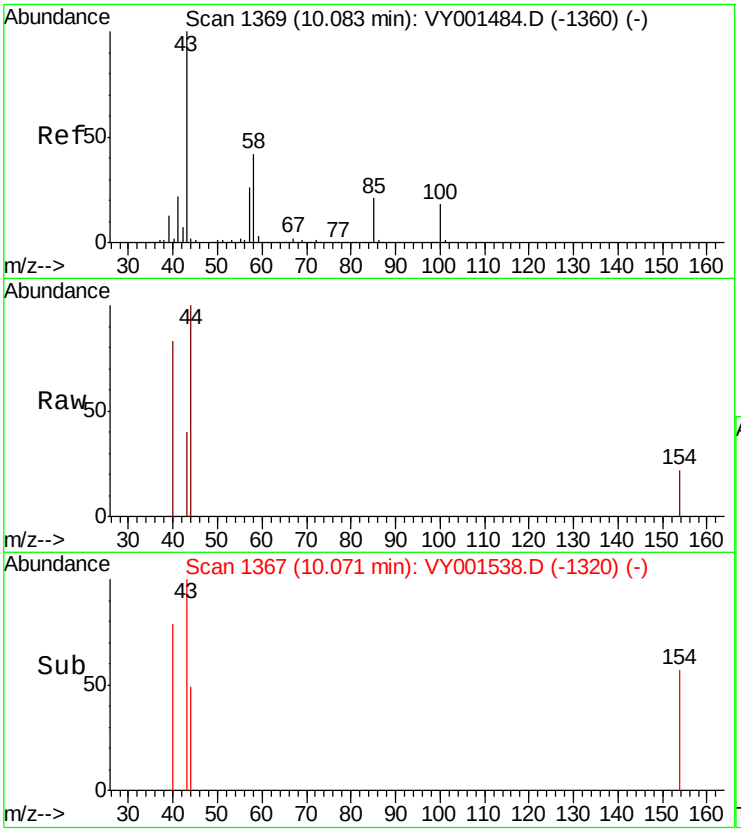


#50
Toluene-d8
Concen: 53.366 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion: 98 Resp: 14514

Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.0	79.6



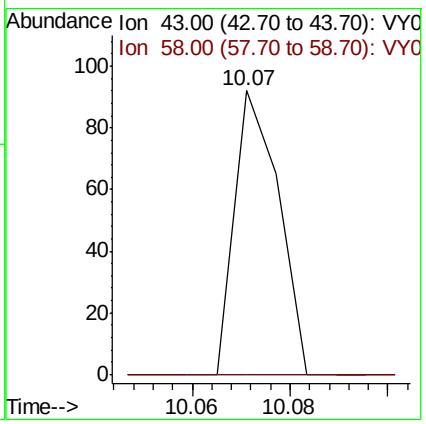


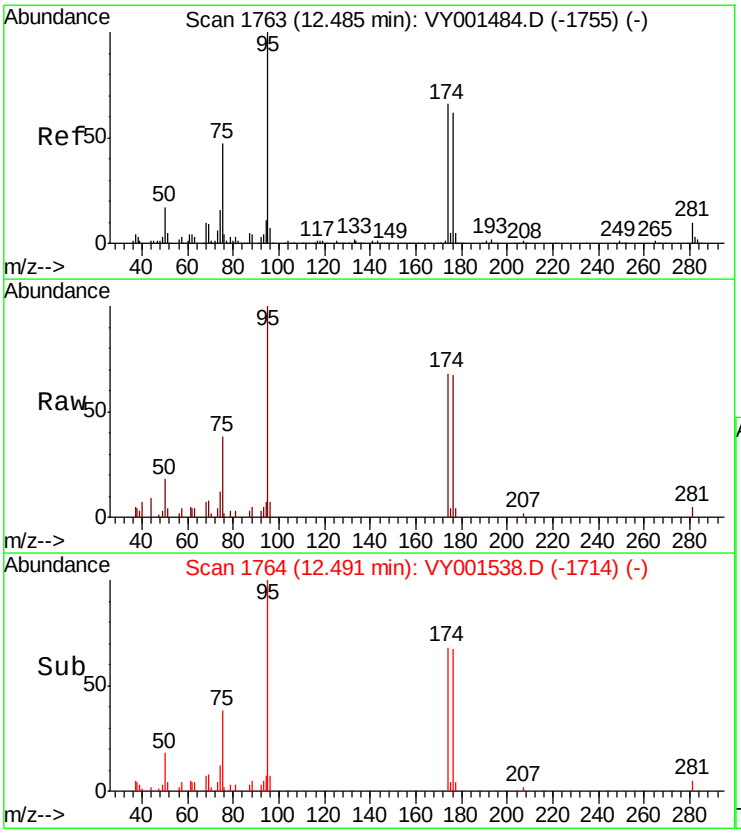
#51
4-Methyl-2-Pentanone
Concen: 1.059 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 57

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.9	50.9#

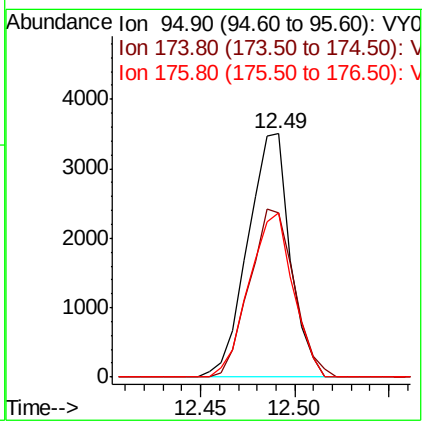


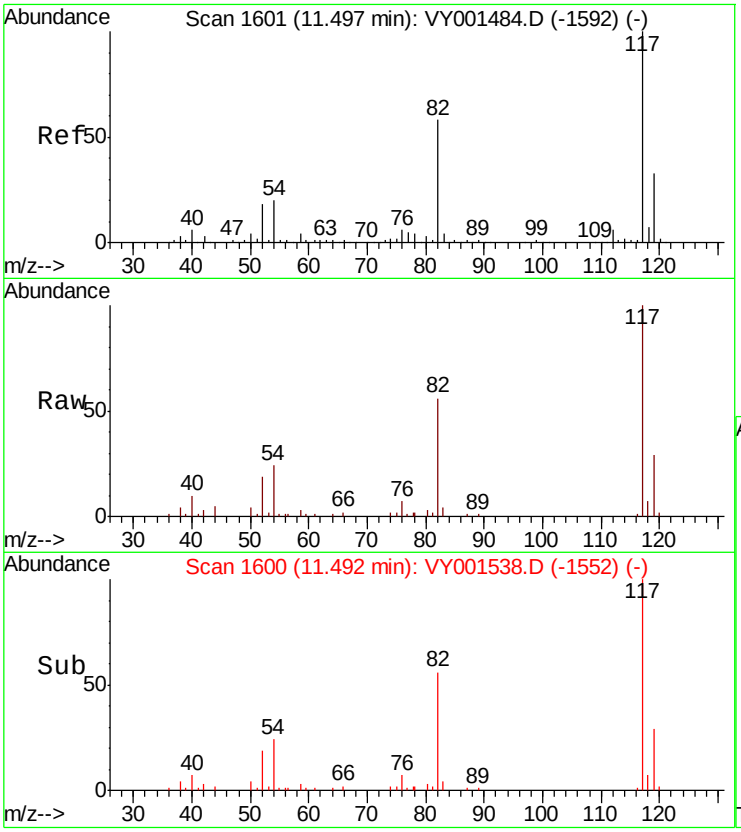


#62
4-Bromofluorobenzene
Concen: 50.848 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion: 95 Resp: 5448

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.4
176	70.0	0.0	135.4



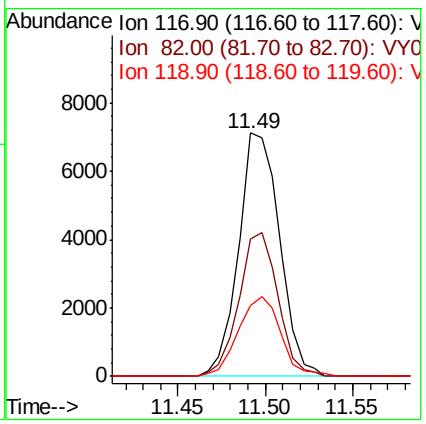


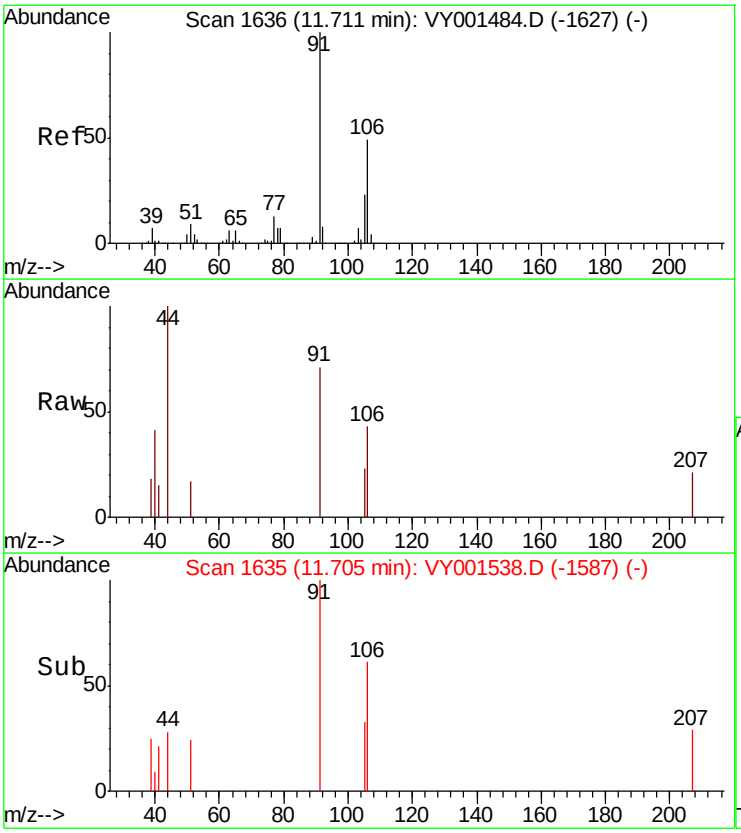
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 11688

Ion	Ratio	Lower	Upper
117	100		
82	56.2	46.1	69.1
119	29.0	26.1	39.1

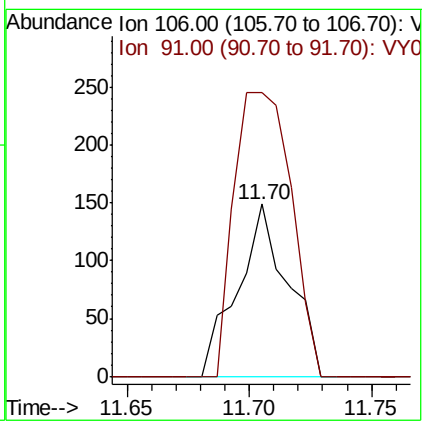


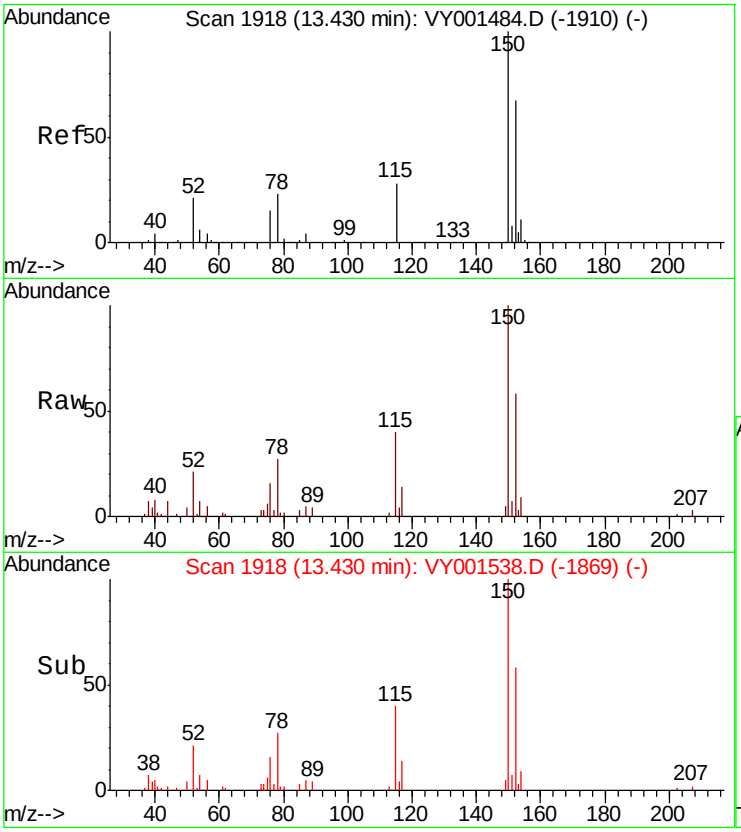


#68
m/p-Xylenes
Concen: 1.350 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion:106 Resp: 215

Ion	Ratio	Lower	Upper
106	100		
91	186.5	163.6	245.4



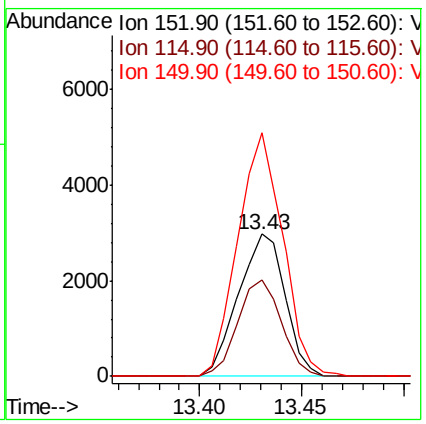


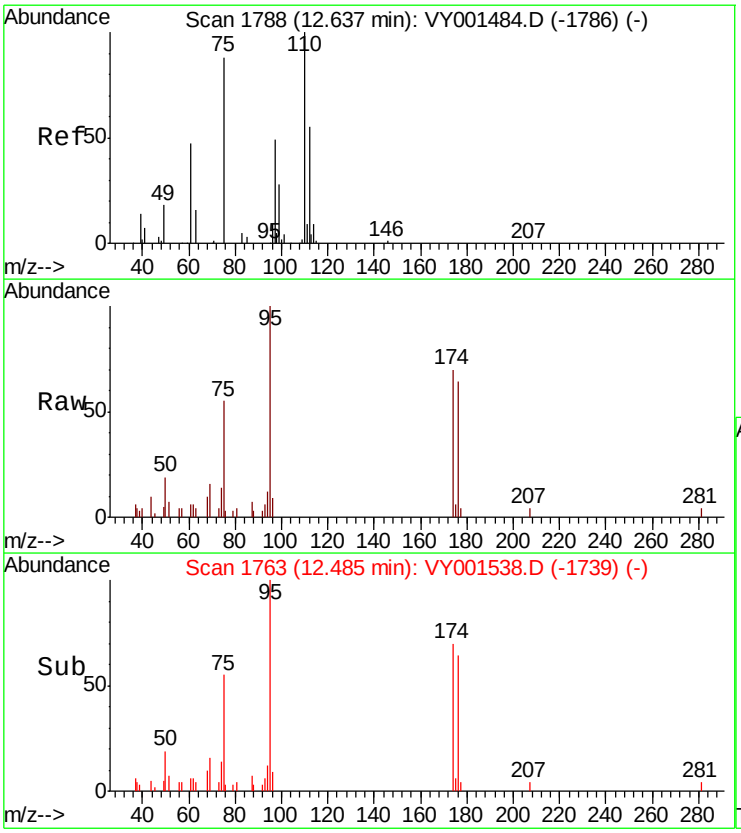
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 4721

Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.4	94.3
150	165.3	0.0	346.8

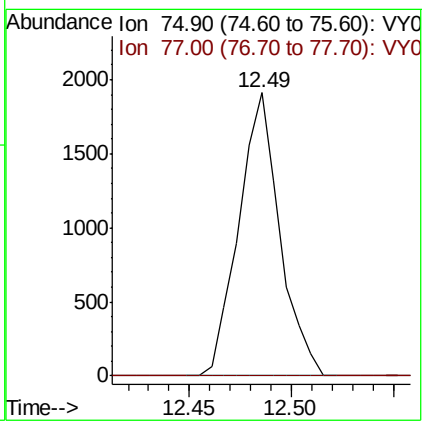


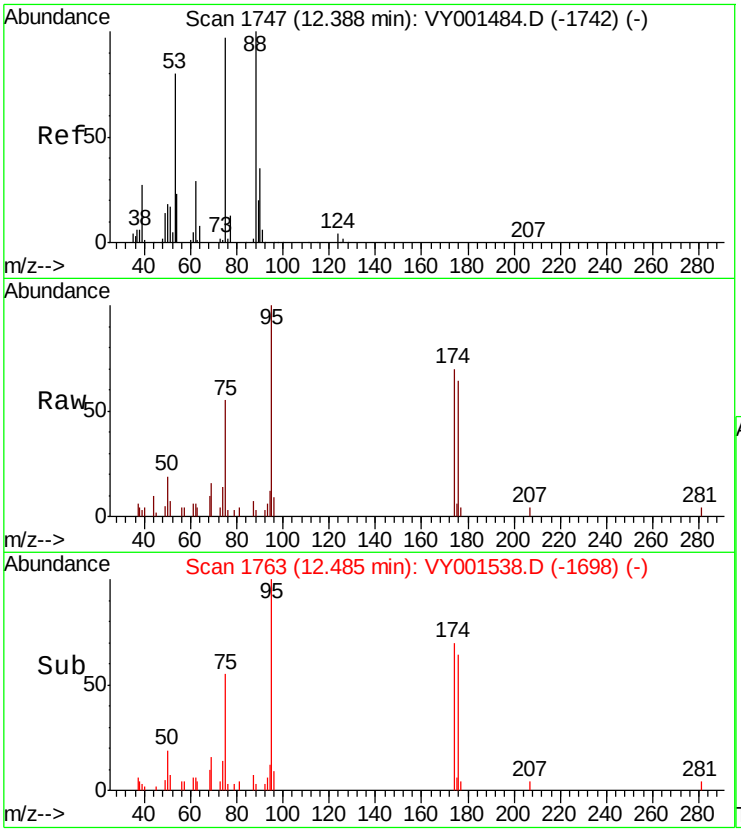


#76
1,2,3-Trichloropropane
Concen: 52.610 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion: 75 Resp: 2671

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



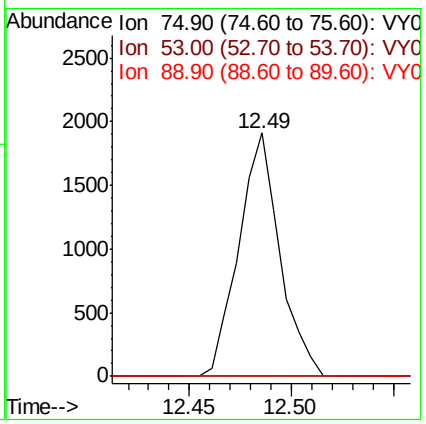


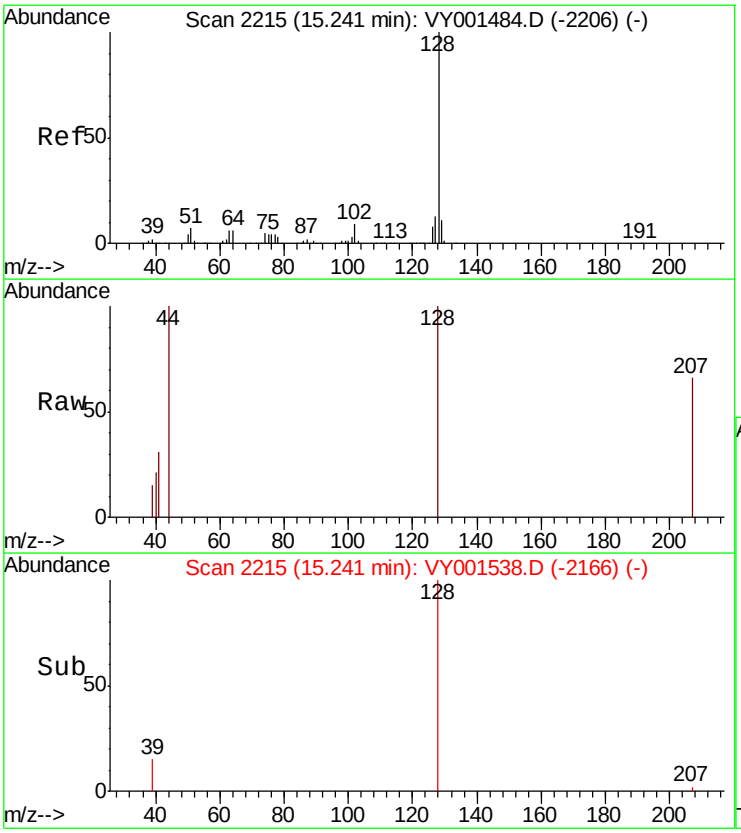
#81
trans-1,4-Dichloro-2-butene
Concen: 101.798 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2671

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.7	101.5#
89	0.0	34.6	52.0#





#95
Naphthalene
Concen: 3.373 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001538.D
Acq: 06 Feb 2020 18:03

Tgt Ion:128 Resp: 723

Ion	Ratio	Lower	Upper
128	100		
127	3.0	10.1	15.1#
129	0.0	8.9	13.3#