Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002556.D
Acq On : 04 May 2020 22:16
Operator : SY/MD
Sample : VY0504SBL02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: May 05 07:14:03 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	384506	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.71	114	601742	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.50	117	547597	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	280790	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	175059	54.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.30%				
35) Dibromofluoromethane	7.75	113	179355	52.12	ug/l		0.01
Spiked Amount 50.000			Recovery = 104.24%				
50) Toluene-d8	10.19	98	681319	50.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.40%				
62) 4-Bromofluorobenzene	12.49	95	237819	52.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.91	85	984	2.083	ug/l		76
11) Tert butyl alcohol	4.98	59	3905	11.740	ug/l	#	77
15) Acrylonitrile	5.21	53	1214	1.374	ug/l		93
16) Acetone	3.98	43	2726	4.086	ug/l		91
20) Methylene Chloride	4.75	84	10012	2.683	ug/l		91
25) 2-Butanone	7.01	43	4211	3.856	ug/l	#	78
26) 2,2-Dichloropropane	7.01	77	5954	1.085	ug/l	#	56
29) Tetrahydrofuran	7.39	42	1115	1.543	ug/l		94
31) Cyclohexane	7.82	56	6889	1.186	ug/l	#	1
38) Carbon Tetrachloride	7.82	117	34036	6.180	ug/l	#	16
51) 4-Methyl-2-Pentanone	10.09	43	5152	2.057	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.80	63	2175	1.051	ug/l		89
76) 1,2,3-Trichloropropane	12.49	75	113200	45.365	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.49	75	113200	90.967	ug/l	#	16

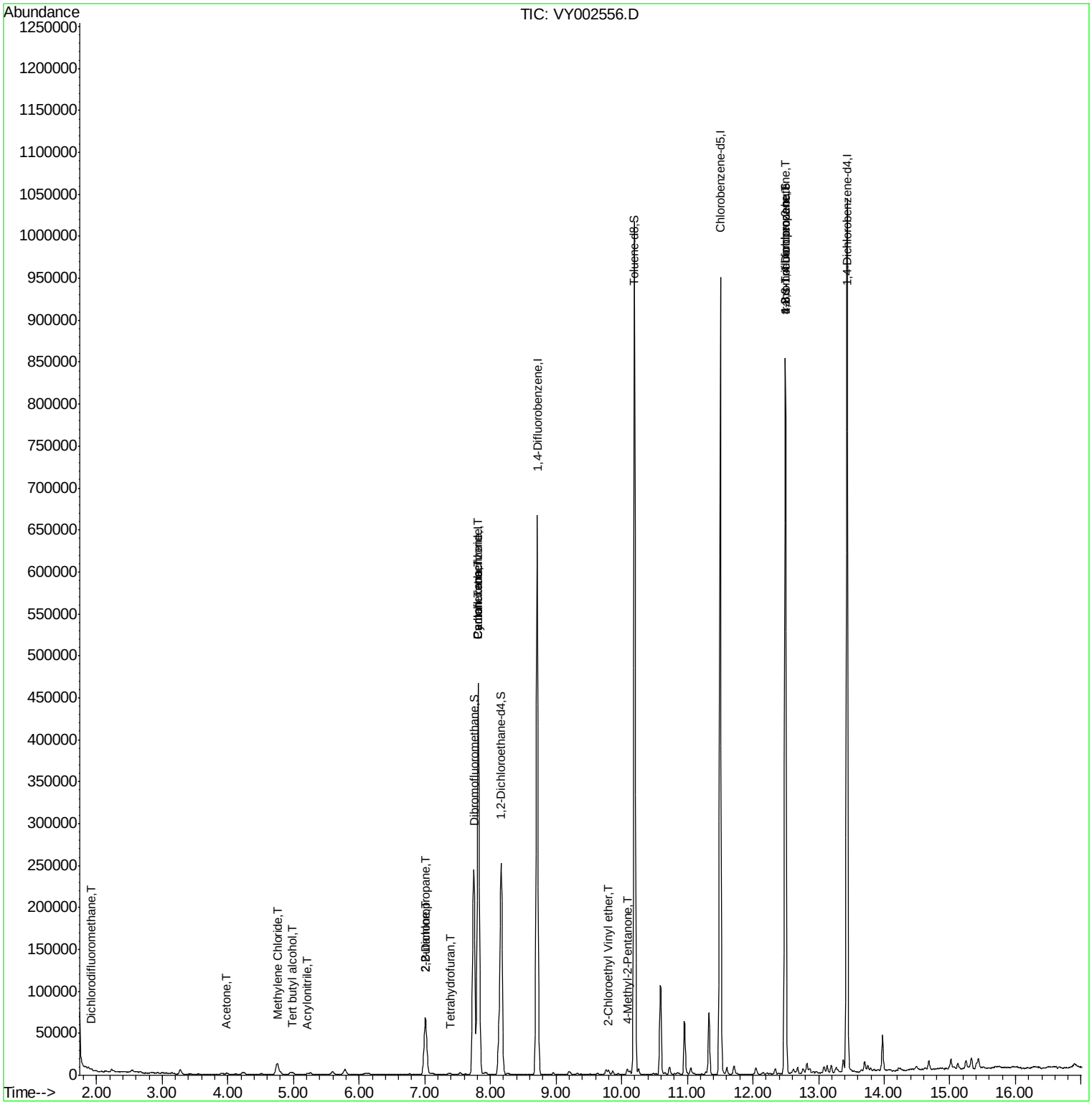
(#) = qualifier out of range (m) = manual integration (+) = signals summed

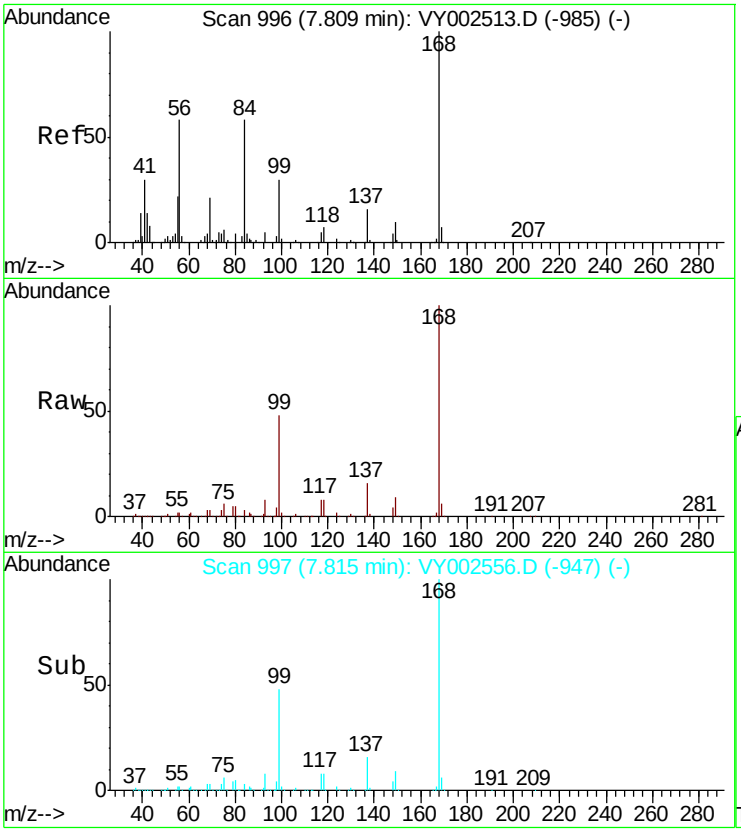
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002556.D
Acq On : 04 May 2020 22:16
Operator : SY/MD
Sample : VY0504SBL02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 05 07:14:03 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



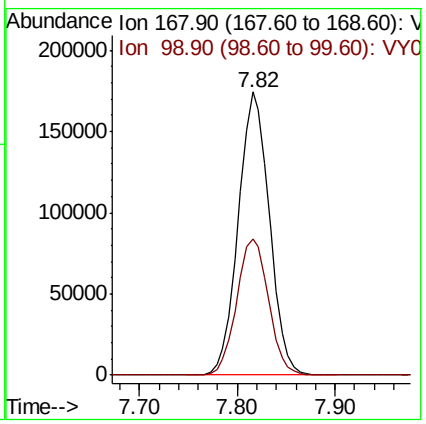


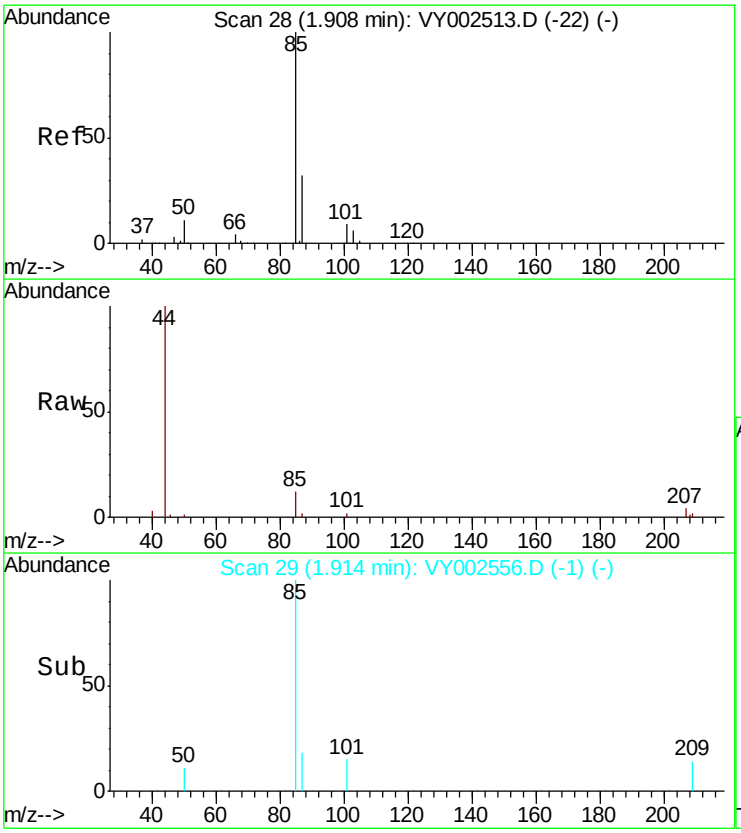
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 384506

Ion	Ratio	Lower	Upper
168	100		
99	48.0	39.2	58.8

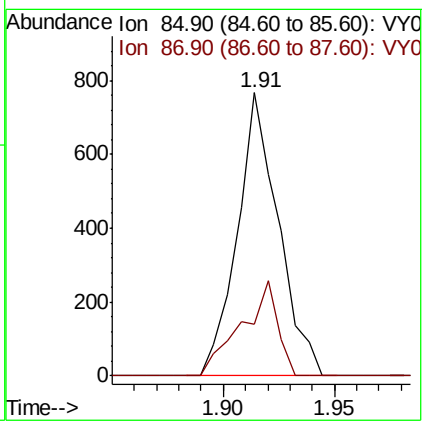


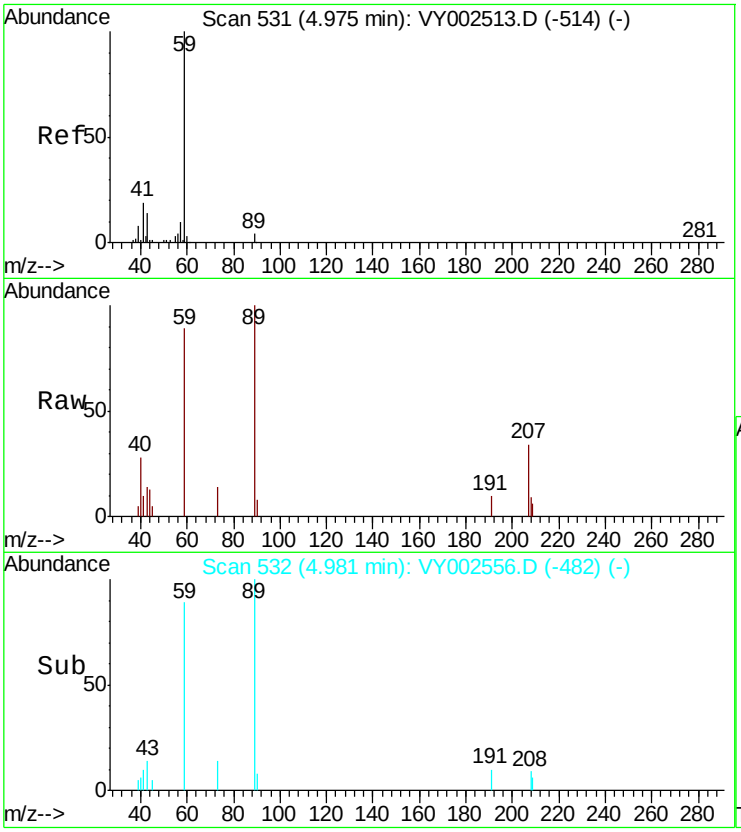


#2
Dichlorodifluoromethane
Concen: 2.083 ug/l
RT: 1.91 min Scan# 29
Delta R.T. 0.01 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Tgt Ion: 85 Resp: 984

Ion	Ratio	Lower	Upper
85	100		
87	18.4	15.8	47.4



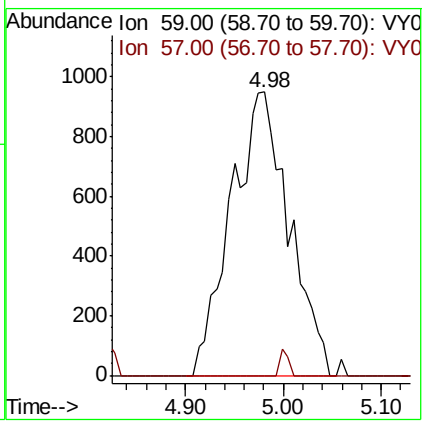


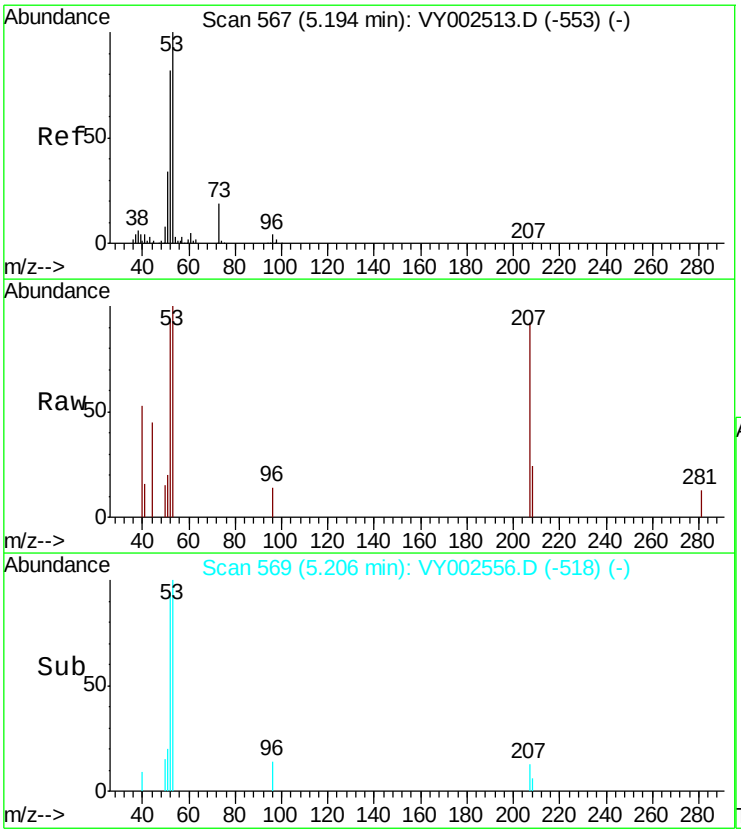
#11
Tert butyl alcohol
Concen: 11.740 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 3905

Ion	Ratio	Lower	Upper
59	100		
57	1.4	7.8	11.6#

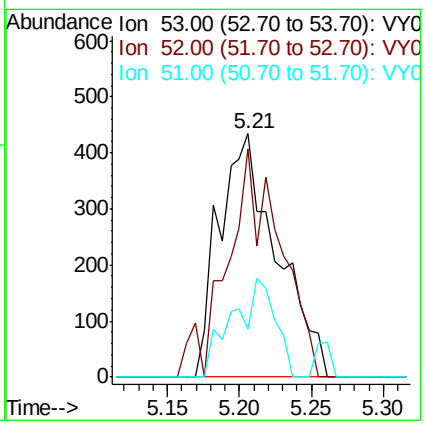


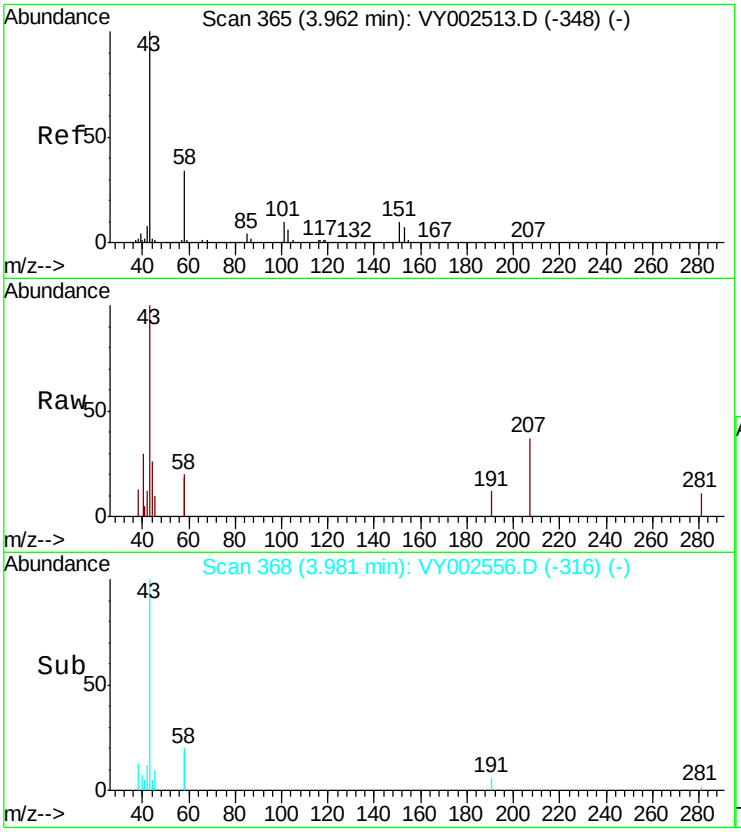


#15
Acrylonitrile
Concen: 1.374 ug/l
RT: 5.21 min Scan# 569
Delta R.T. 0.01 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Tgt Ion: 53 Resp: 1214

Ion	Ratio	Lower	Upper
53	100		
52	86.2	65.4	98.0
51	29.7	28.7	43.1



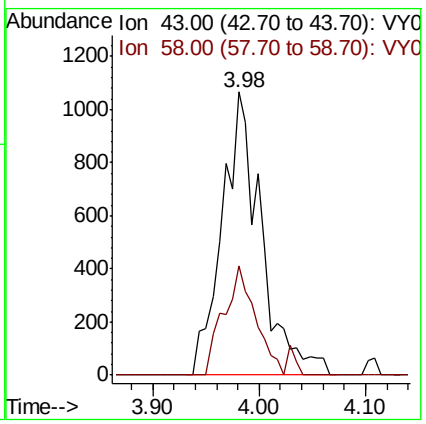


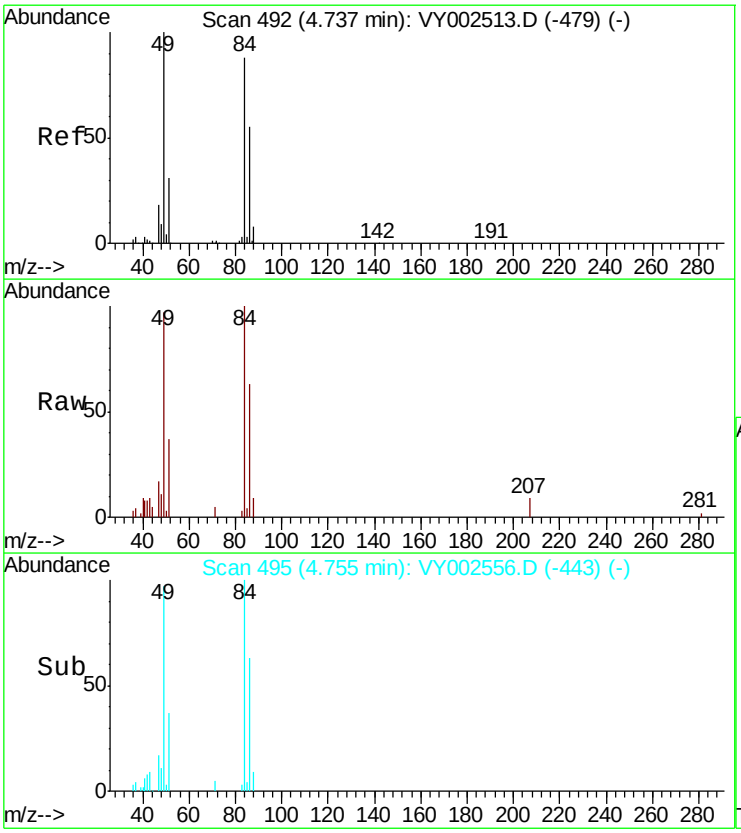
#16
Acetone
Concen: 4.086 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.02 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2726

Ion	Ratio	Lower	Upper
43	100		
58	38.5	26.9	40.3

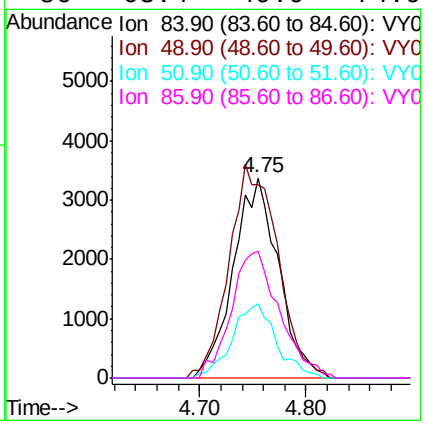


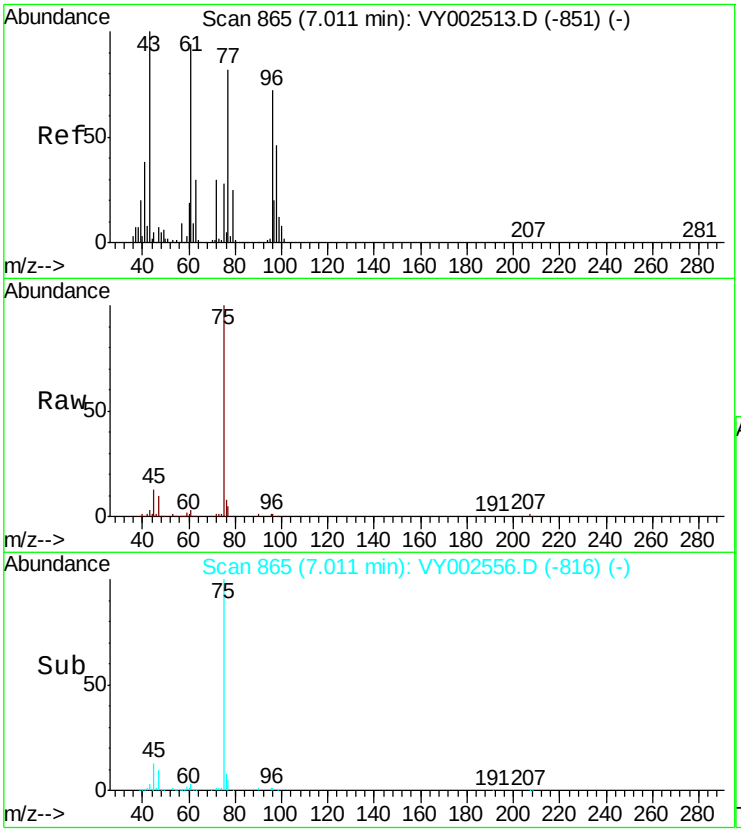


#20
Methylene Chloride
Concen: 2.683 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Tgt Ion: 84 Resp: 10012

Ion	Ratio	Lower	Upper
84	100		
49	96.9	90.5	135.7
51	36.9	28.3	42.5
86	63.4	49.9	74.9



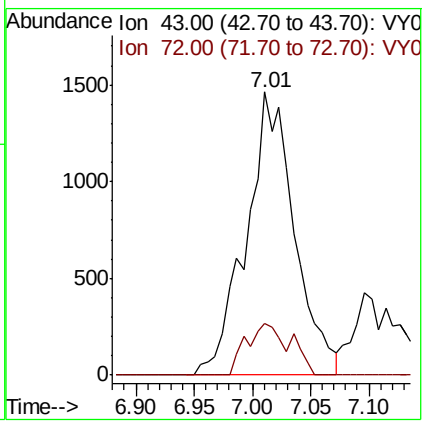


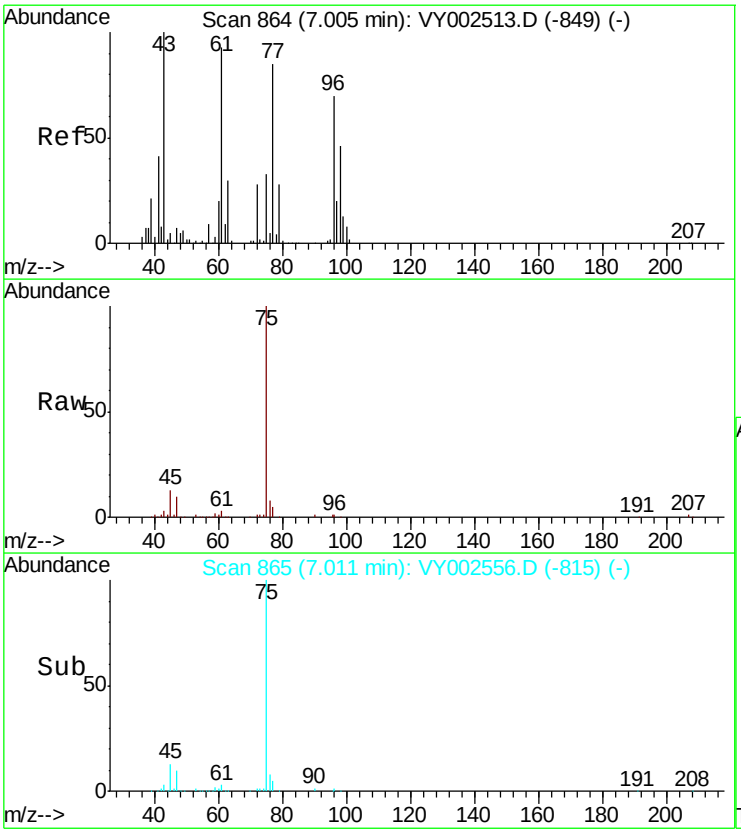
#25
2-Butanone
Concen: 3.856 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4211

Ion	Ratio	Lower	Upper
43	100		
72	18.0	24.1	36.1#

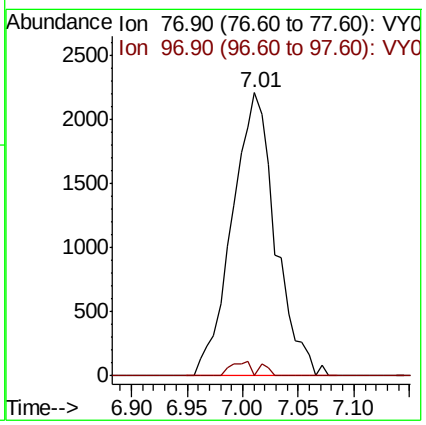


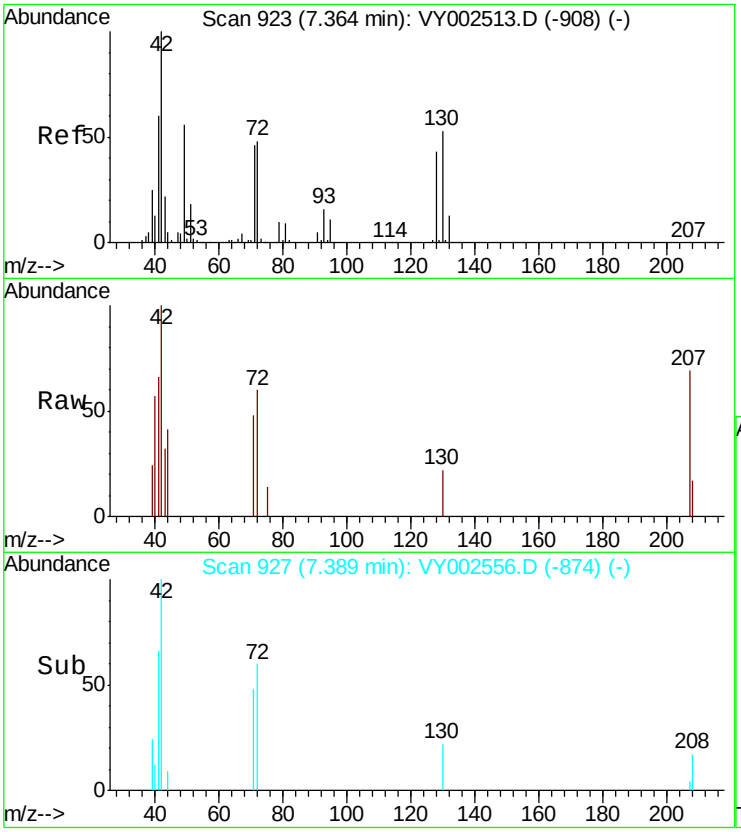


#26
2,2-Dichloropropane
Concen: 1.085 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Tgt Ion: 77 Resp: 5954

Ion	Ratio	Lower	Upper
77	100		
97	2.3	11.9	35.5#



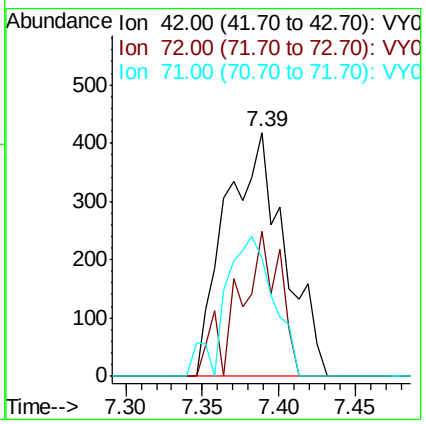


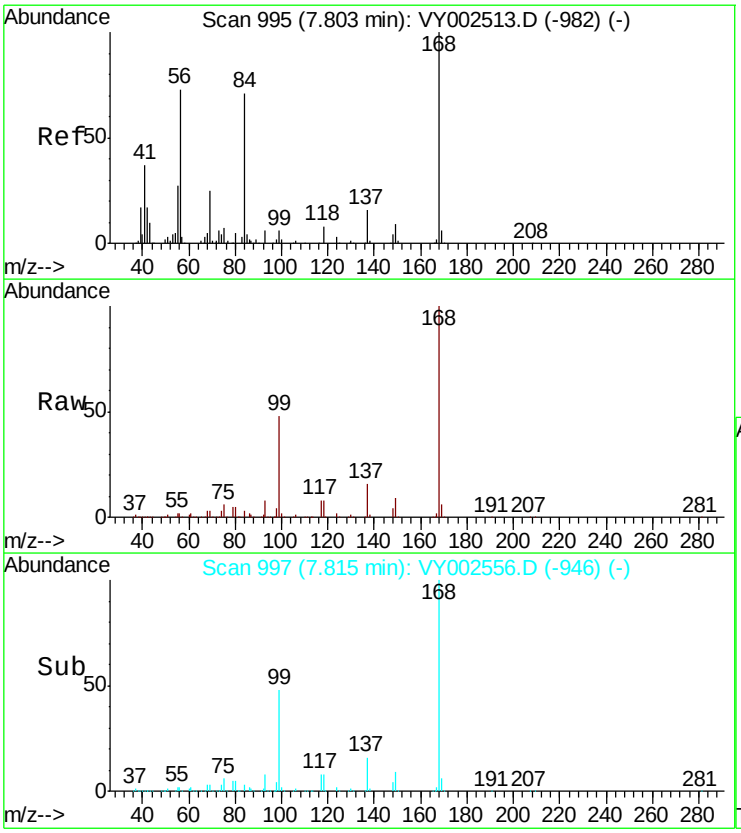
#29
Tetrahydrofuran
Concen: 1.543 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.02 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 1115

Ion	Ratio	Lower	Upper
42	100		
72	42.1	37.4	56.2
71	47.4	35.0	52.4

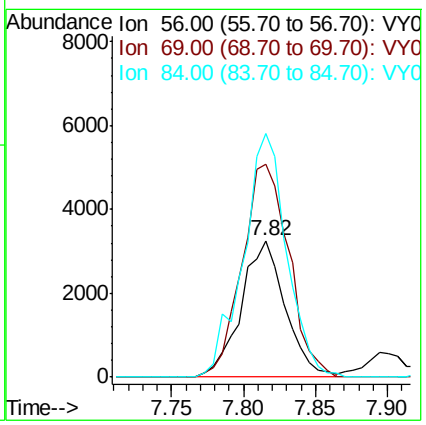


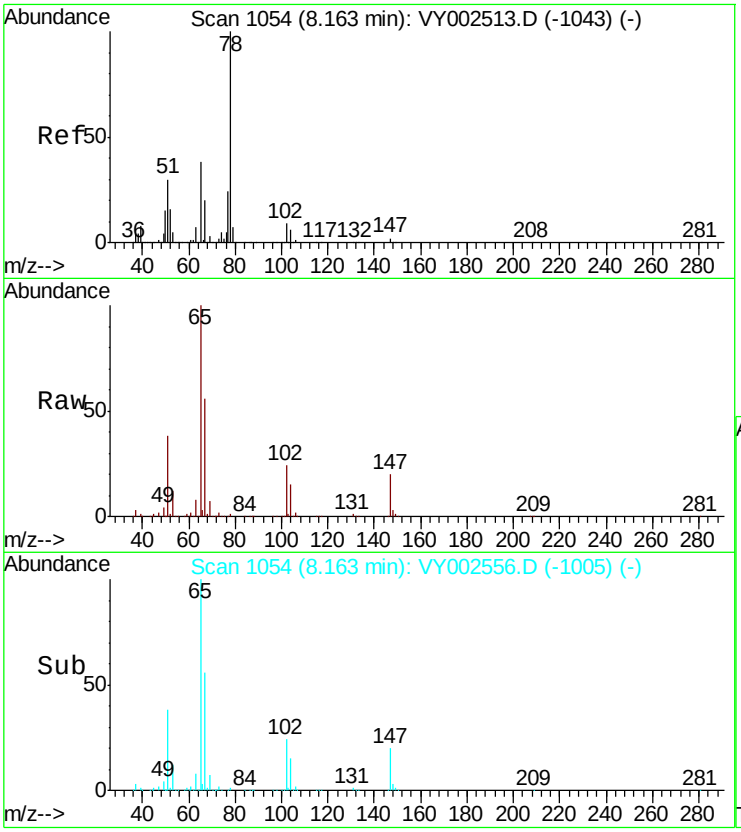


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Tgt Ion: 56 Resp: 6889

Ion	Ratio	Lower	Upper
56	100		
69	156.7	27.6	41.4#
84	178.7	77.7	116.5#



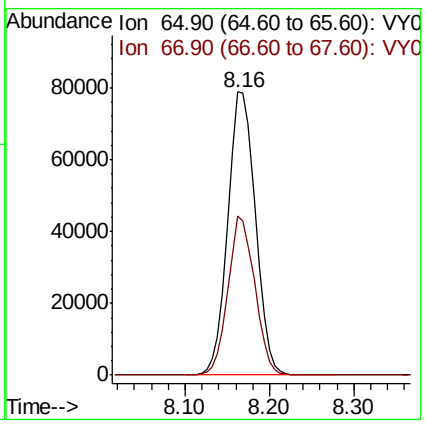


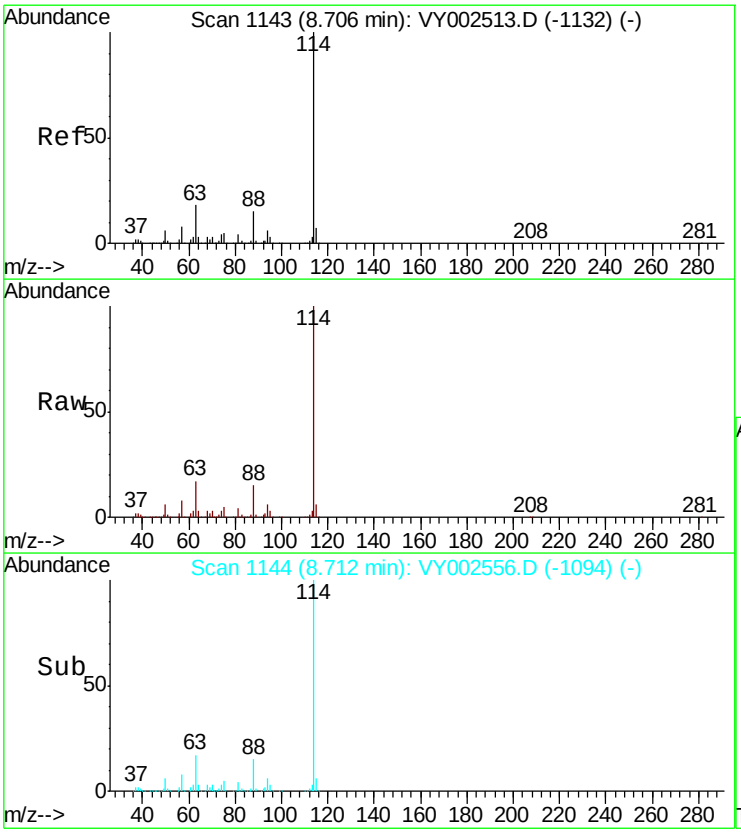
#33
1,2-Dichloroethane-d4
Concen: 54.148 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 175059

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	107.2

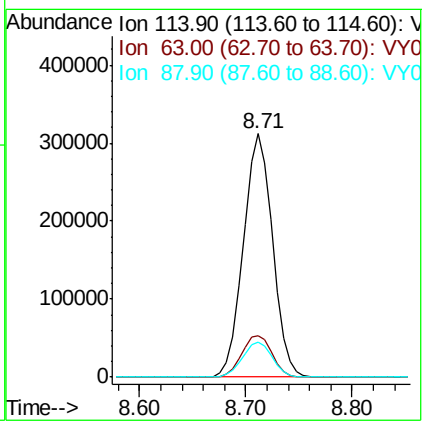


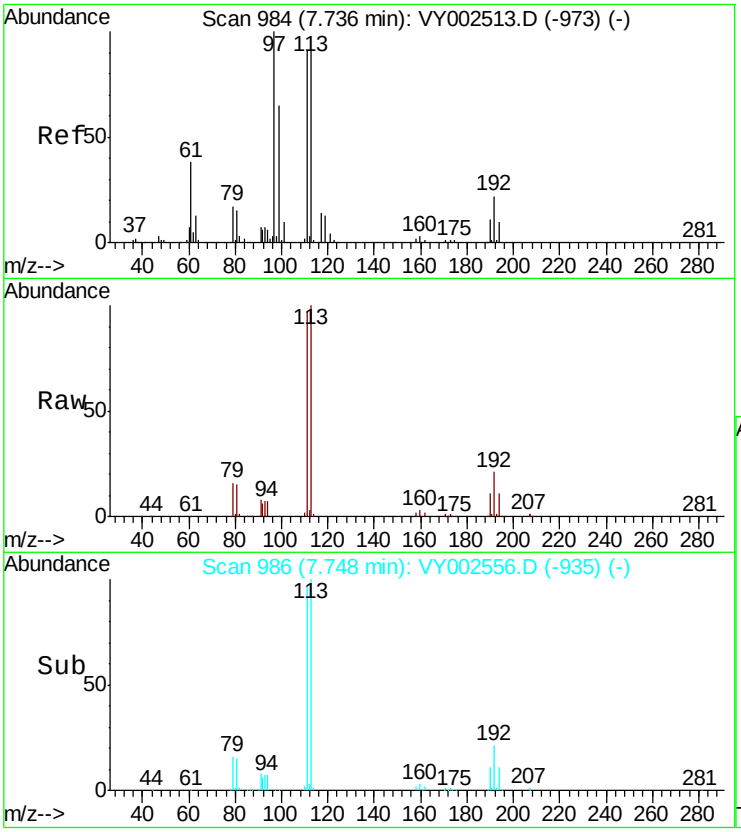


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Tgt Ion:114 Resp: 601742

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	36.4
88	14.6	0.0	29.6



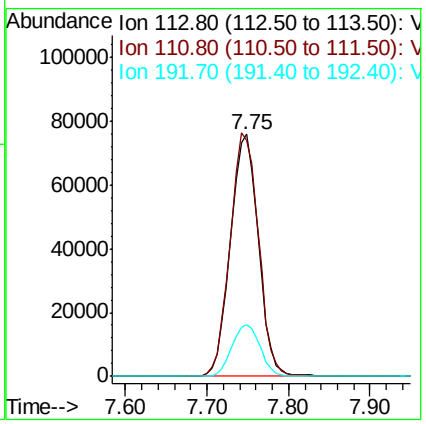


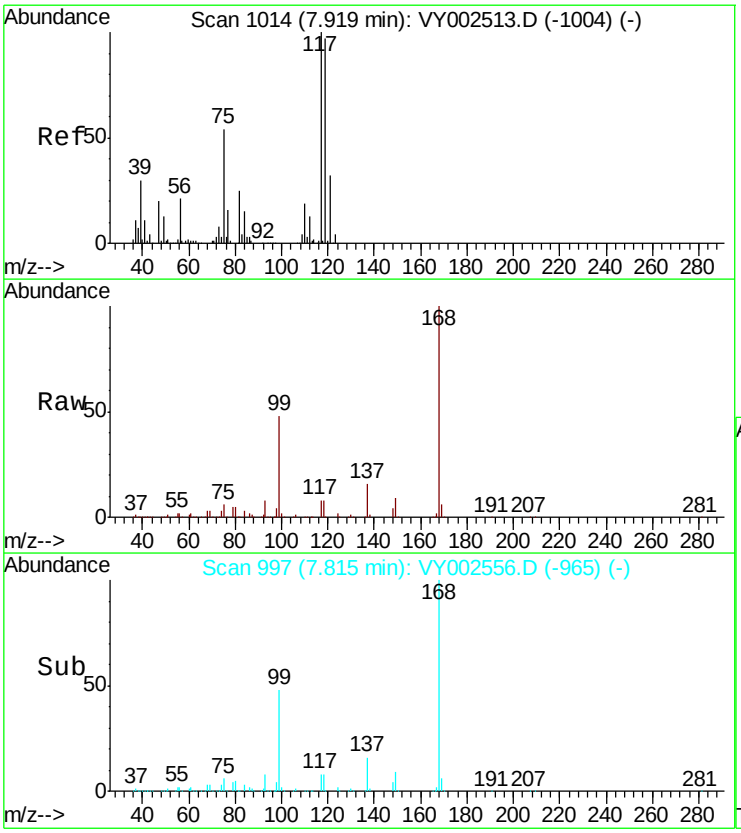
#35
Dibromofluoromethane
Concen: 52.117 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.01 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 179355

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.6
192	21.6	18.2	27.4

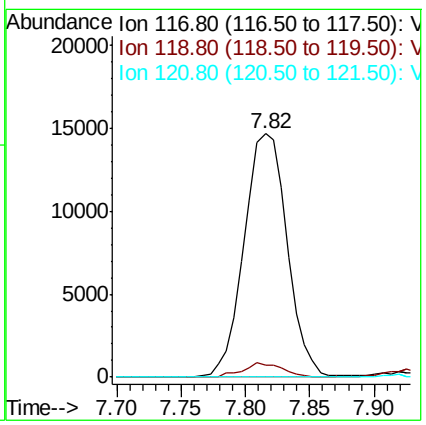


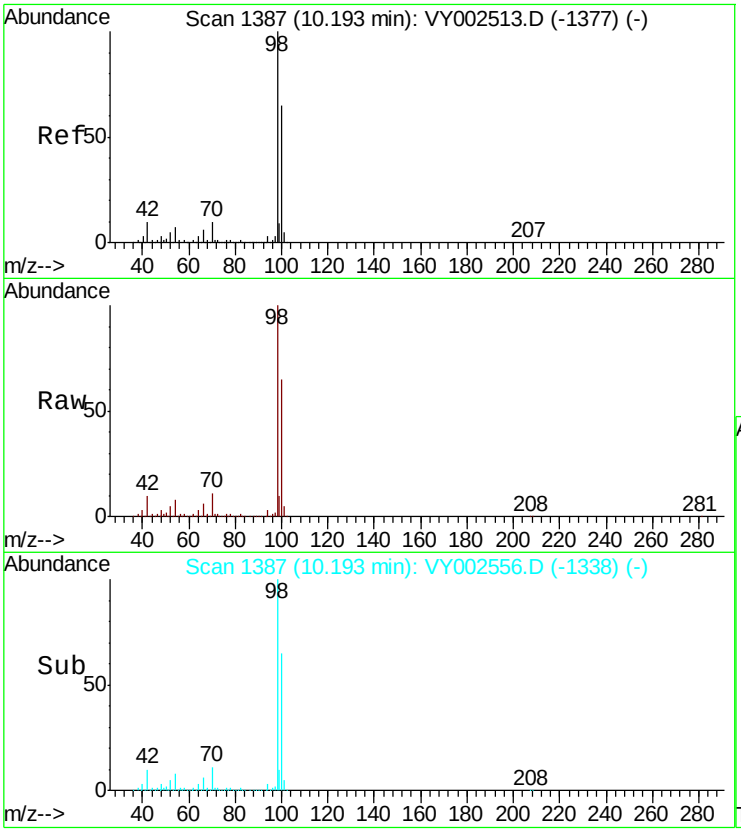


#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Tgt Ion:117 Resp: 34036

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.1	115.7#
121	0.0	25.2	37.8#



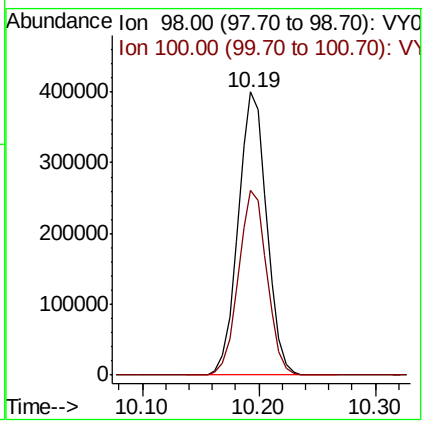


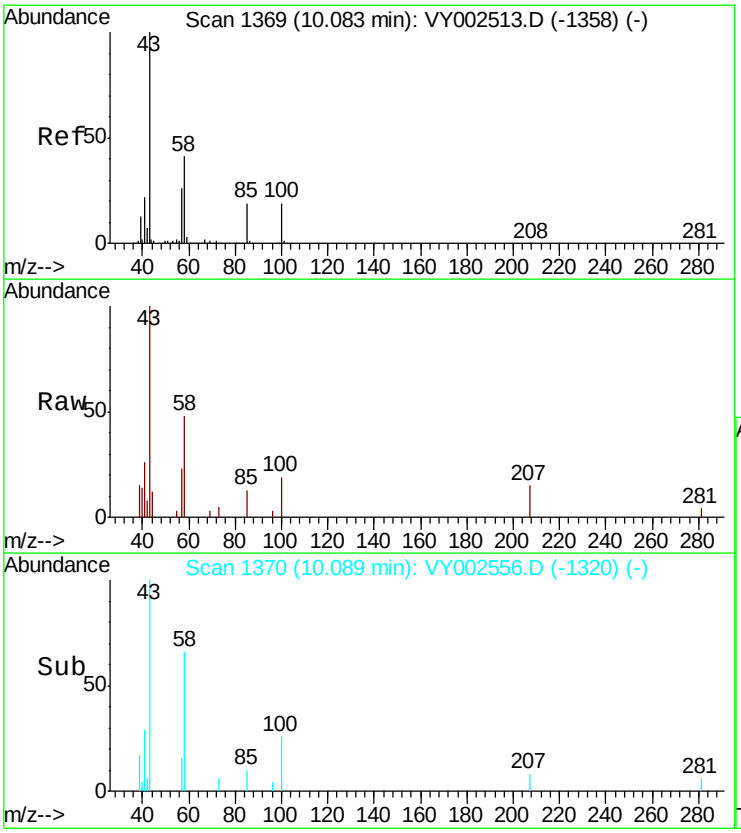
#50
Toluene-d8
Concen: 50.697 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 681319

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2

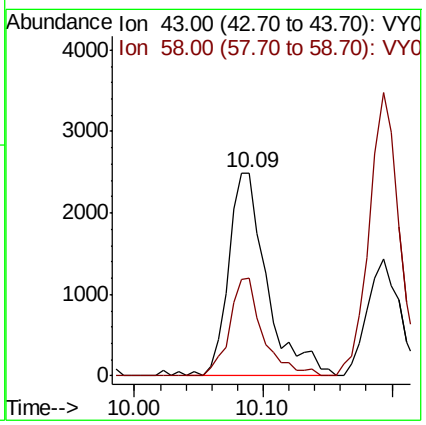


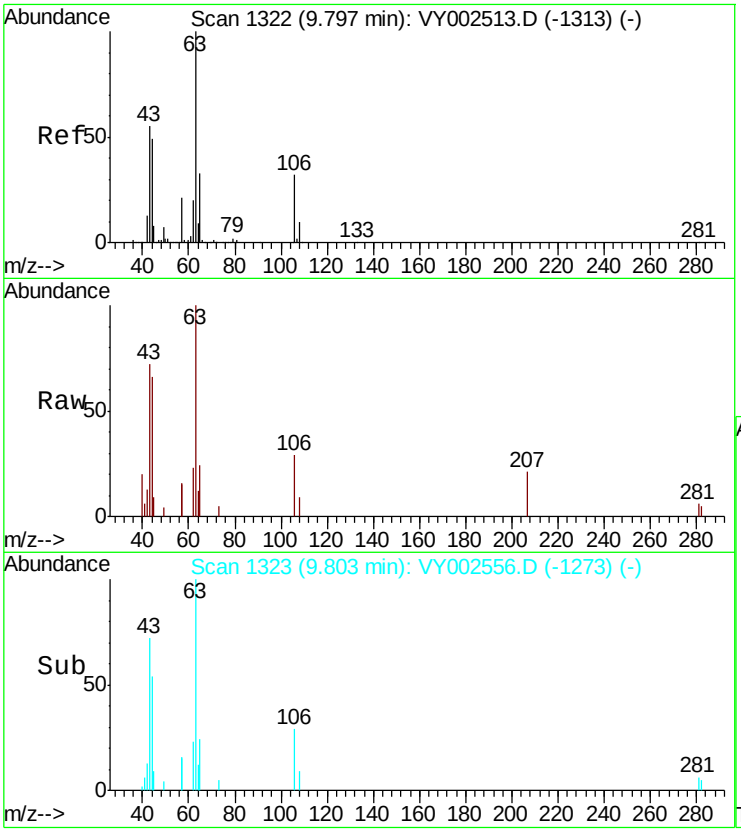


#51
4-Methyl-2-Pentanone
Concen: 2.057 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Tgt Ion: 43 Resp: 5152

Ion	Ratio	Lower	Upper
43	100		
58	41.9	33.2	49.8



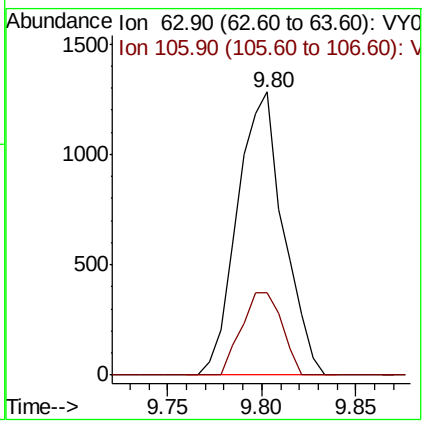


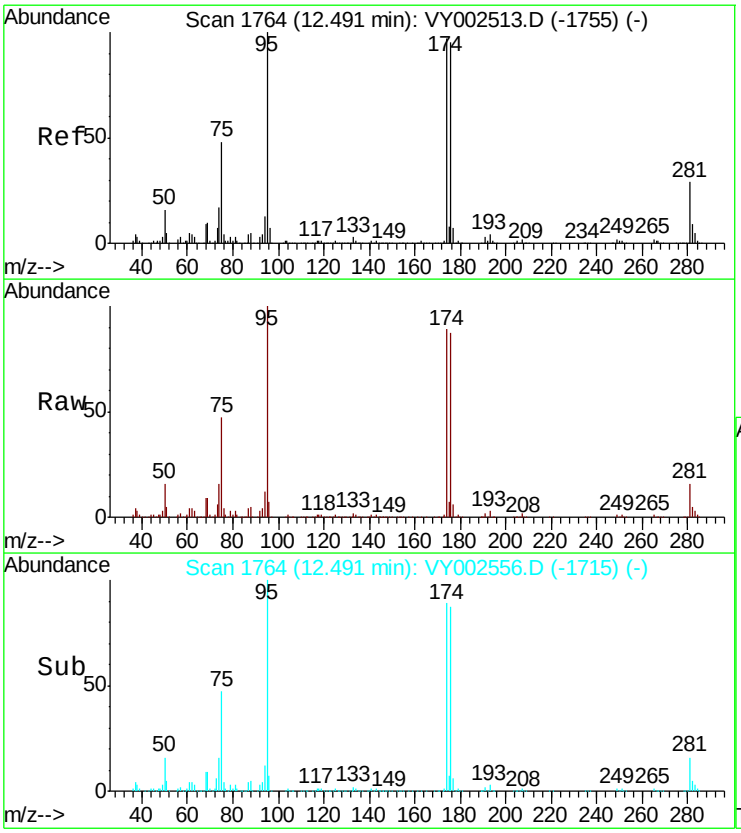
#58
2-Chloroethyl Vinyl ether
Concen: 1.051 ug/l
RT: 9.80 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 2175

Ion	Ratio	Lower	Upper
63	100		
106	25.6	25.2	37.8

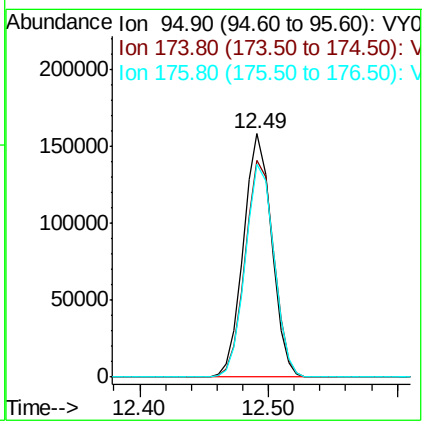


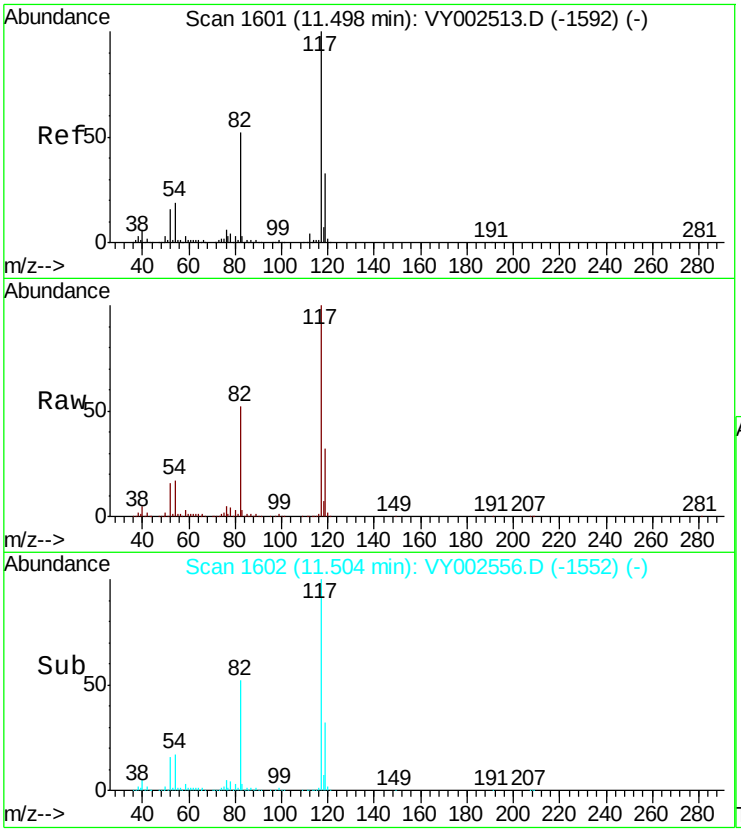


#62
4-Bromofluorobenzene
Concen: 52.151 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Tgt Ion: 95 Resp: 237819

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	188.8
176	88.8	0.0	183.2



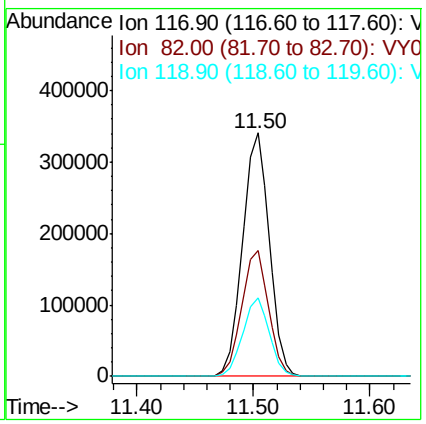


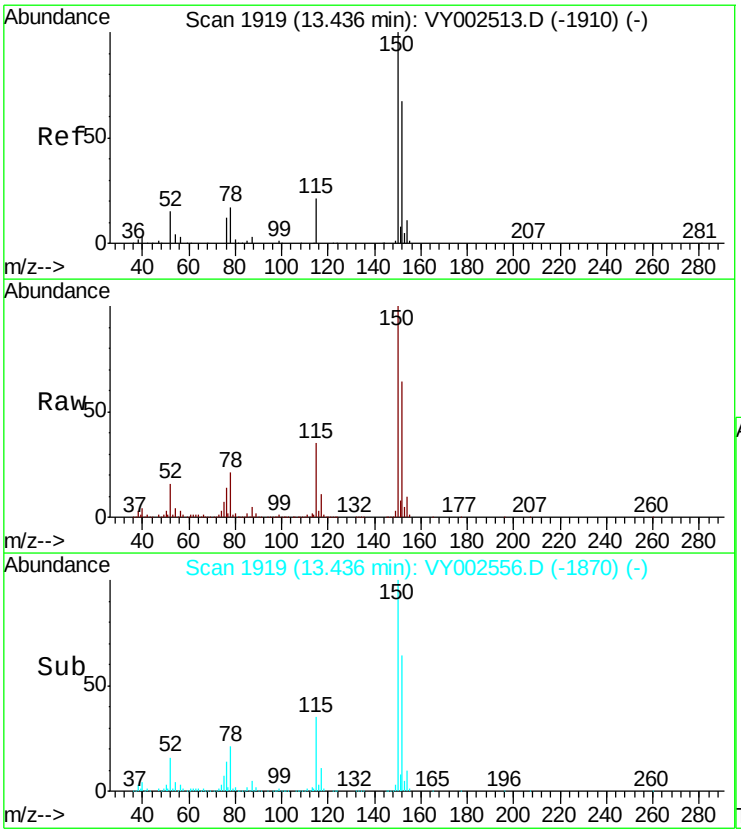
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 547597

Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.3	61.9
119	32.2	26.0	39.0

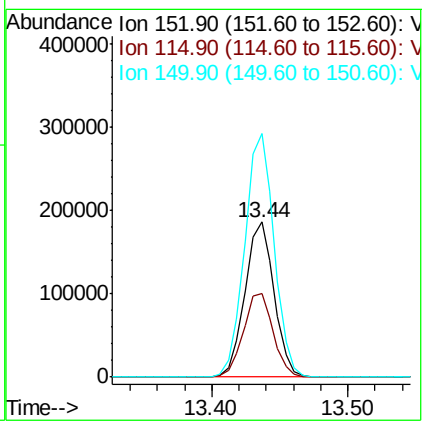


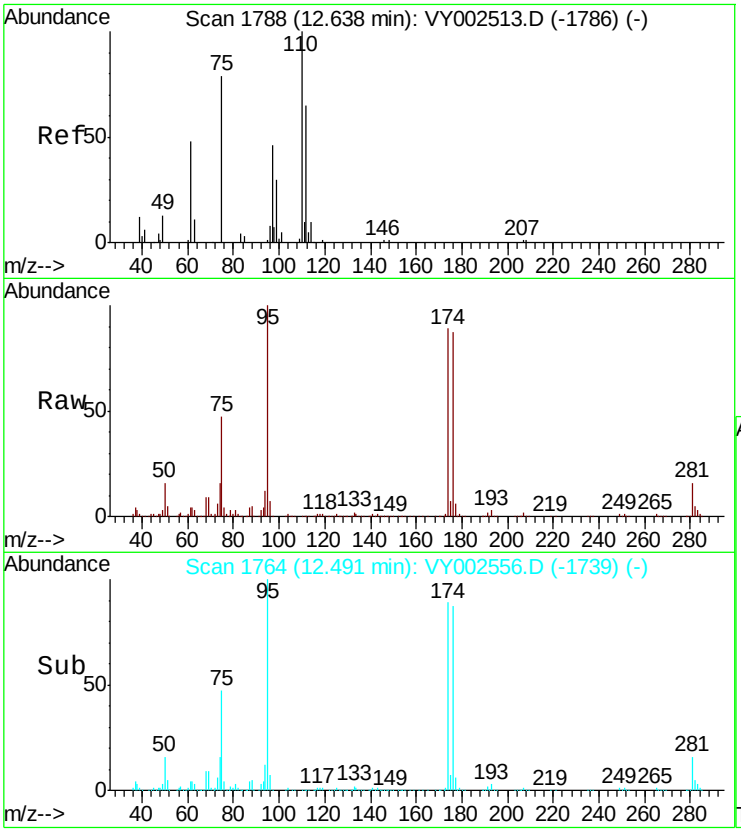


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Tgt Ion:152 Resp: 280790

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.5	82.4
150	157.7	0.0	346.4



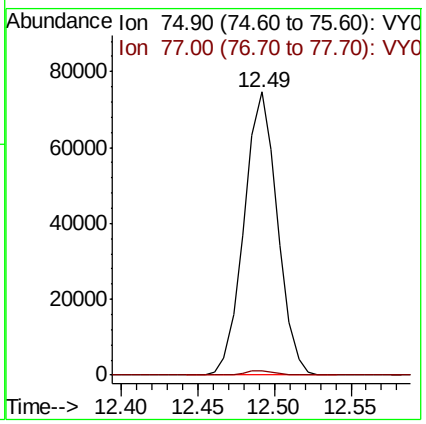


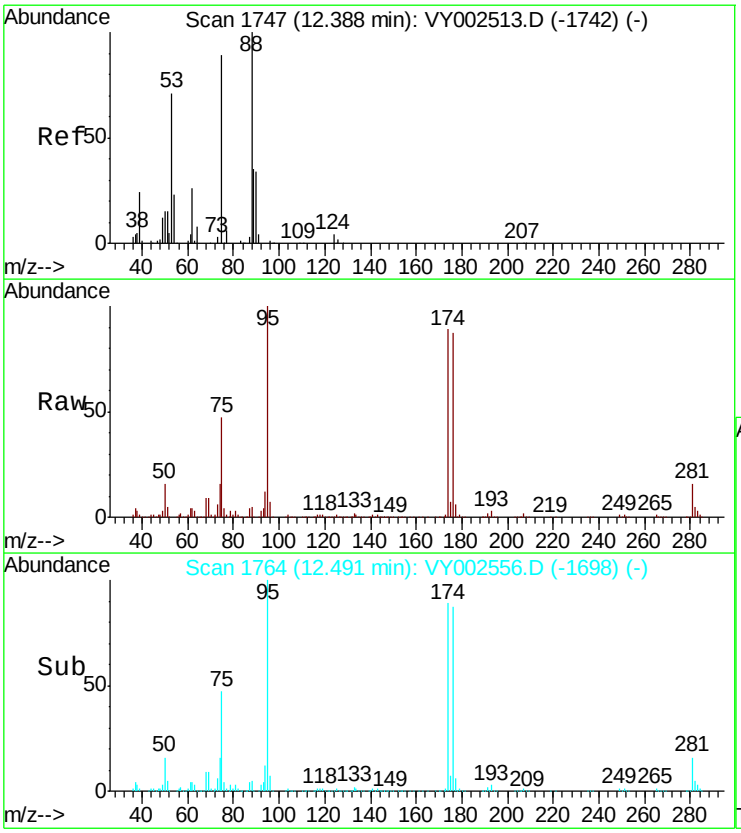
#76
1,2,3-Trichloropropane
Concen: 45.365 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 113200

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.967 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Tgt Ion: 75 Resp: 113200

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.0#
89	0.5	37.4	56.0#