Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012420\
Data File : VY001391.D
Acq On : 24 Jan 2020 18:31
Operator : SY/MD
Sample : L1263-03
Misc : 7.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Jan 25 03:52:25 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	7.82	168	133713	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.71	114	236341	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.50	117	202019	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	83728	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	70197	48.25	ug/l		0.00
Spiked Amount 50.000			Recovery =	96.50%			
35) Dibromofluoromethane	7.74	113	62945	45.38	ug/l		0.00
Spiked Amount 50.000			Recovery =	90.76%			
50) Toluene-d8	10.19	98	277807	51.55	ug/l		0.00
Spiked Amount 50.000			Recovery =	103.10%			
62) 4-Bromofluorobenzene	12.49	95	91476	42.62	ug/l		0.00
Spiked Amount 50.000			Recovery =	85.24%			
Target Compounds							Qvalue
11) Tert butyl alcohol	4.99	59	136	Below Cal	#		74
13) Acrolein	3.76	56	54	Below Cal	#		15
16) Acetone	3.97	43	7011	11.047	ug/l		99
17) Carbon Disulfide	4.22	76	30705	6.877	ug/l		100
20) Methylene Chloride	4.75	84	5699	Below Cal			95
25) 2-Butanone	7.03	43	1770	2.795	ug/l		97
31) Cyclohexane	7.81	56	18373	6.530	ug/l	#	82
36) 1,1-Dichloropropene	7.82	75	10628	4.760	ug/l	#	52
38) Carbon Tetrachloride	7.82	117	12519	6.291	ug/l	#	15
39) Methylcyclohexane	9.20	83	15277	5.341	ug/l		97
40) Benzene	8.18	78	14314	2.138	ug/l		100
55) 1,1,2-Trichloroethane	10.63	97	3264	2.434	ug/l	#	21
59) 2-Hexanone	10.81	43	2155	2.266	ug/l	#	27
73) Isopropylbenzene	12.34	105	9537	1.444	ug/l		99
76) 1,2,3-Trichloropropane	12.49	75	46085	45.677	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.49	75	46085	86.439	ug/l	#	14
95) Naphthalene	15.24	128	46514	11.661	ug/l		99

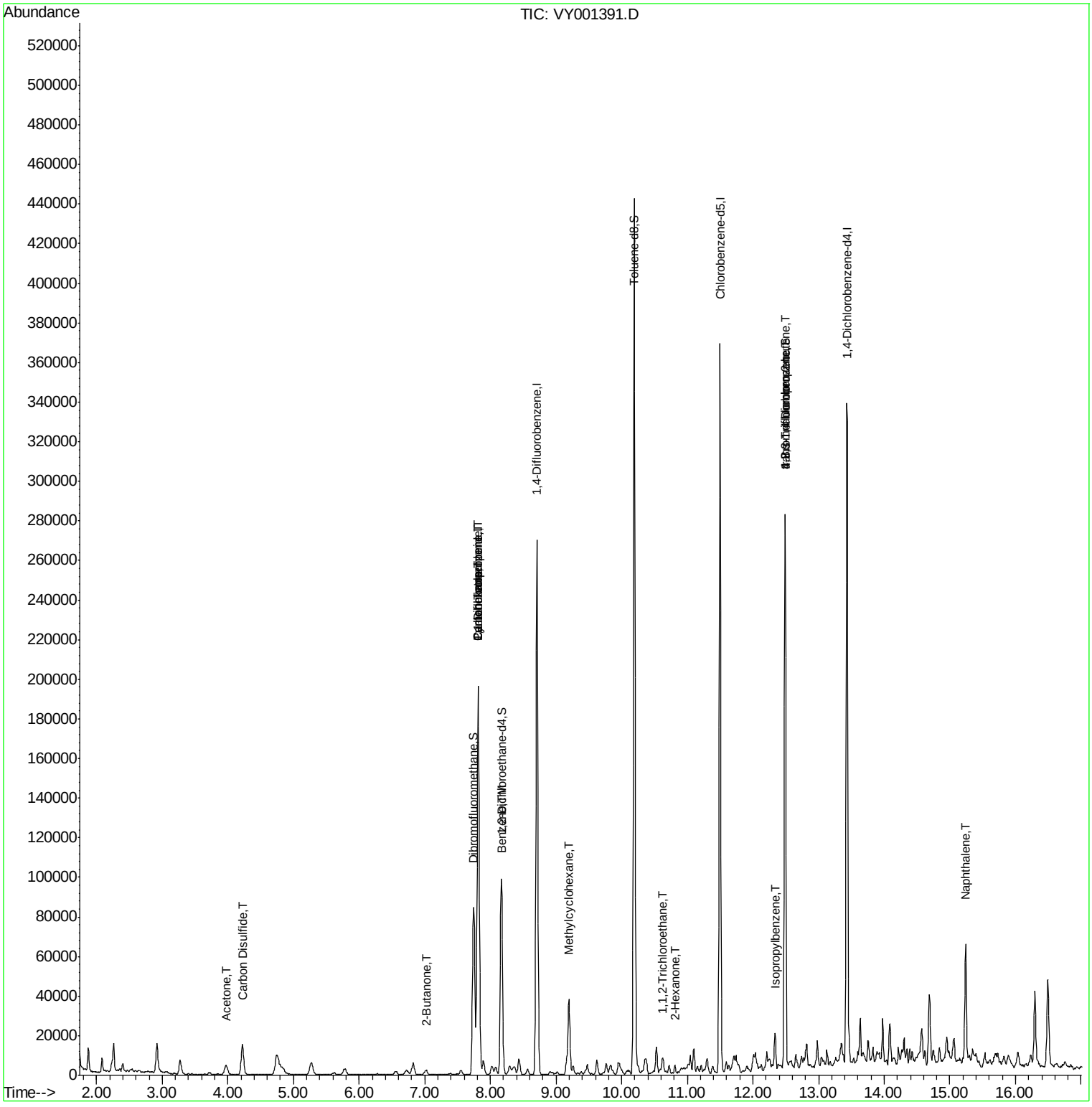
(#) = qualifier out of range (m) = manual integration (+) = signals summed

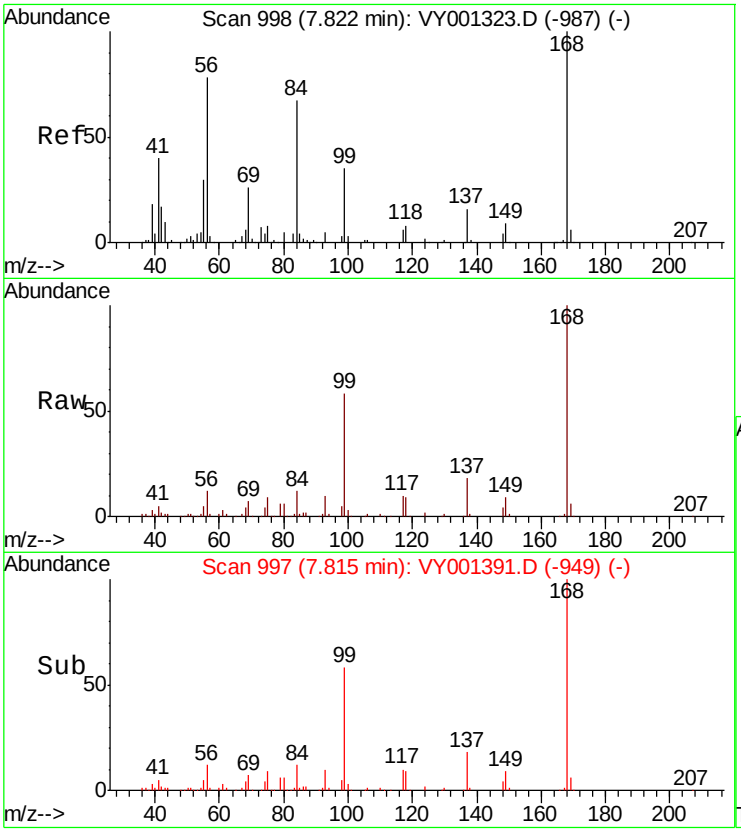
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012420\
Data File : VY001391.D
Acq On : 24 Jan 2020 18:31
Operator : SY/MD
Sample : L1263-03
Misc : 7.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 25 03:52:25 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



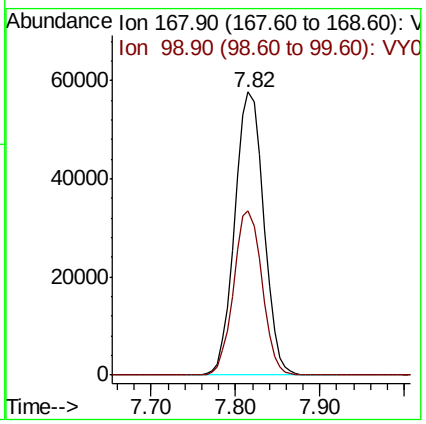


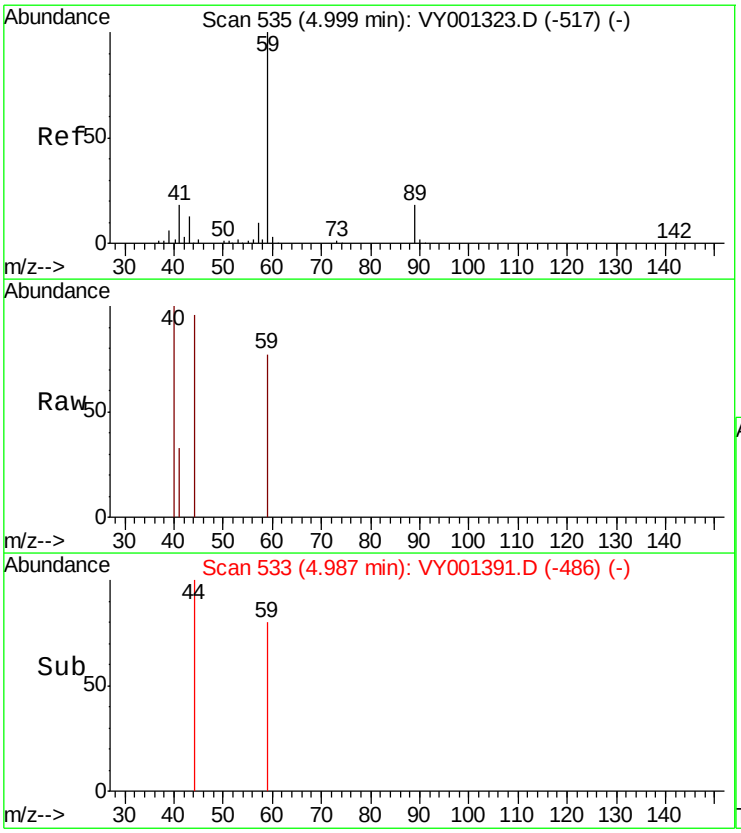
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 133713

Ion	Ratio	Lower	Upper
168	100		
99	58.1	44.3	66.5

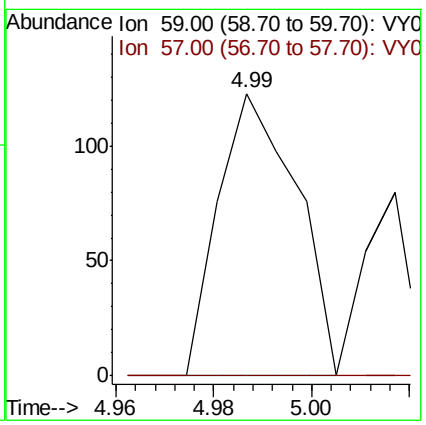


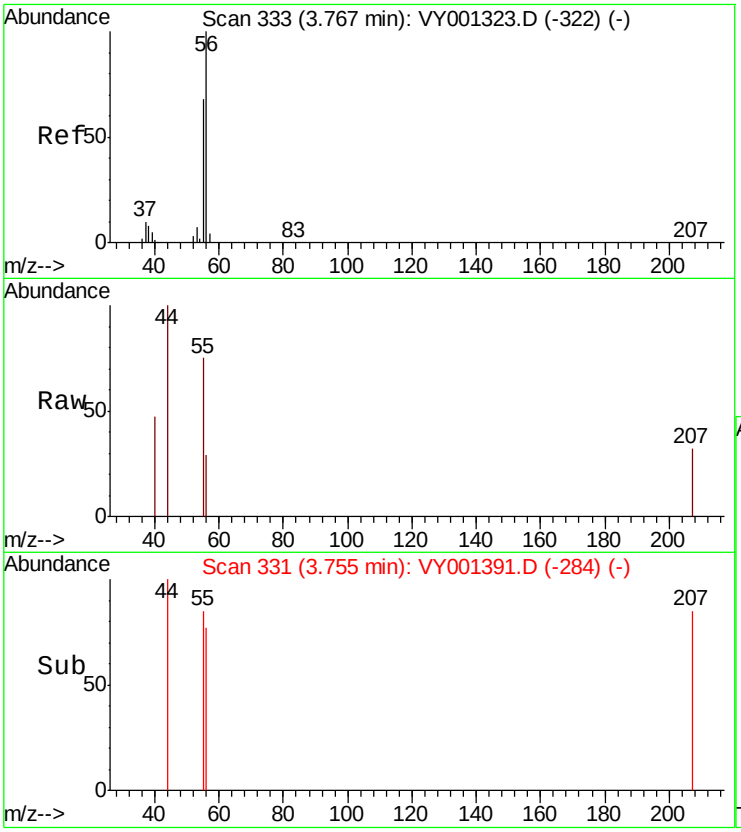


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion: 59 Resp: 136

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



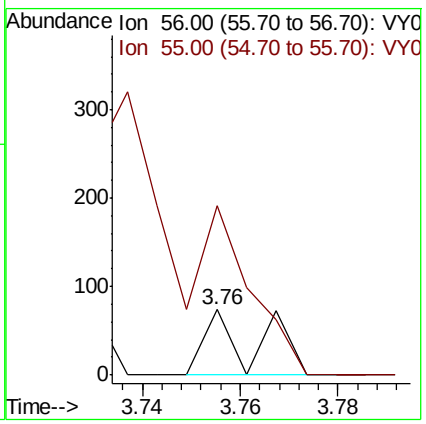


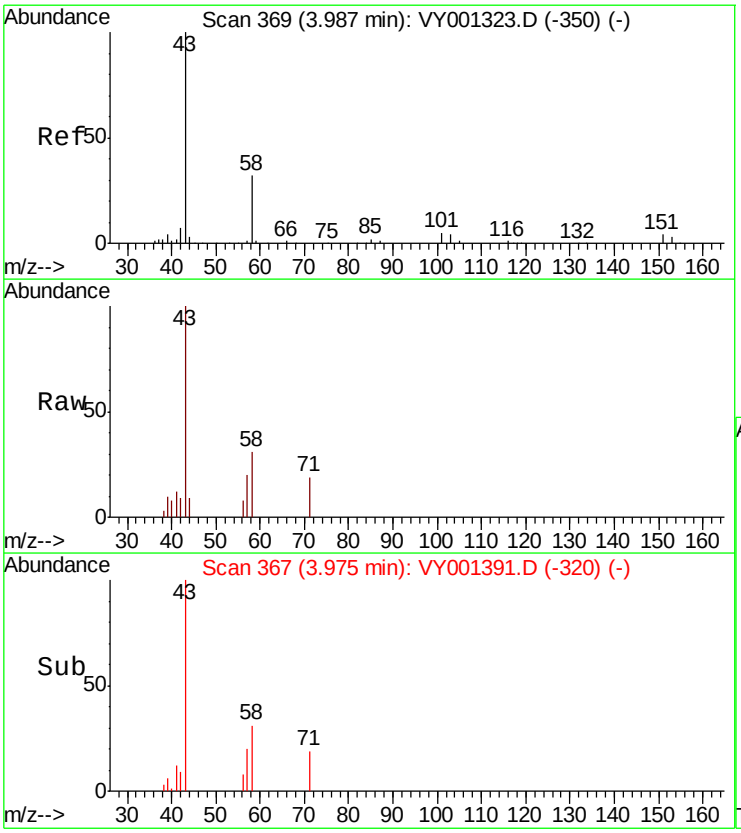
#13
Acrolein
Concen: Below Cal
RT: 3.76 min Scan# 331
Delta R.T. -0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 54

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.9	83.9#

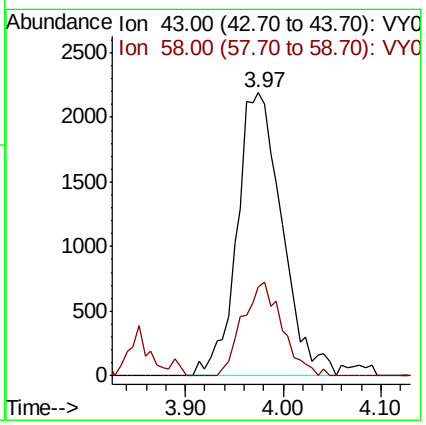


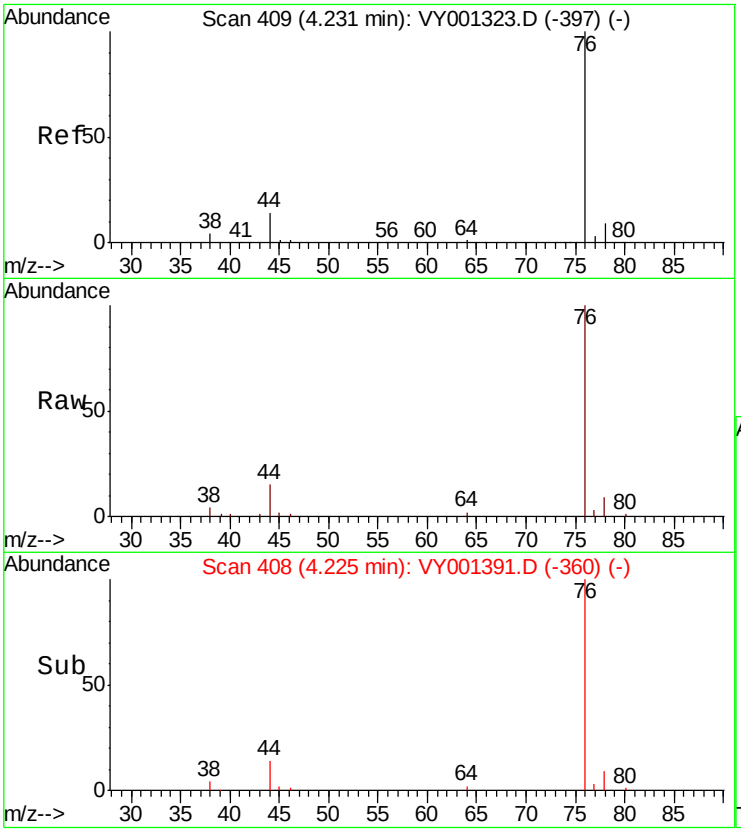


#16
Acetone
Concen: 11.047 ug/l
RT: 3.97 min Scan# 367
Delta R.T. -0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion: 43 Resp: 7011

Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.4	38.0



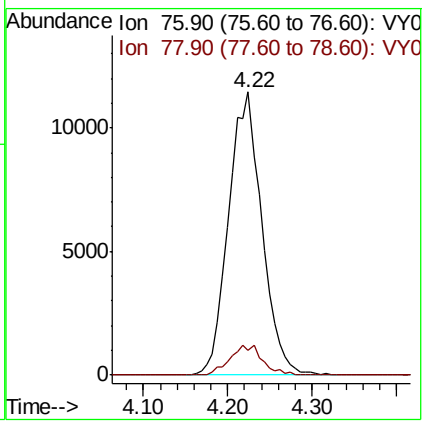


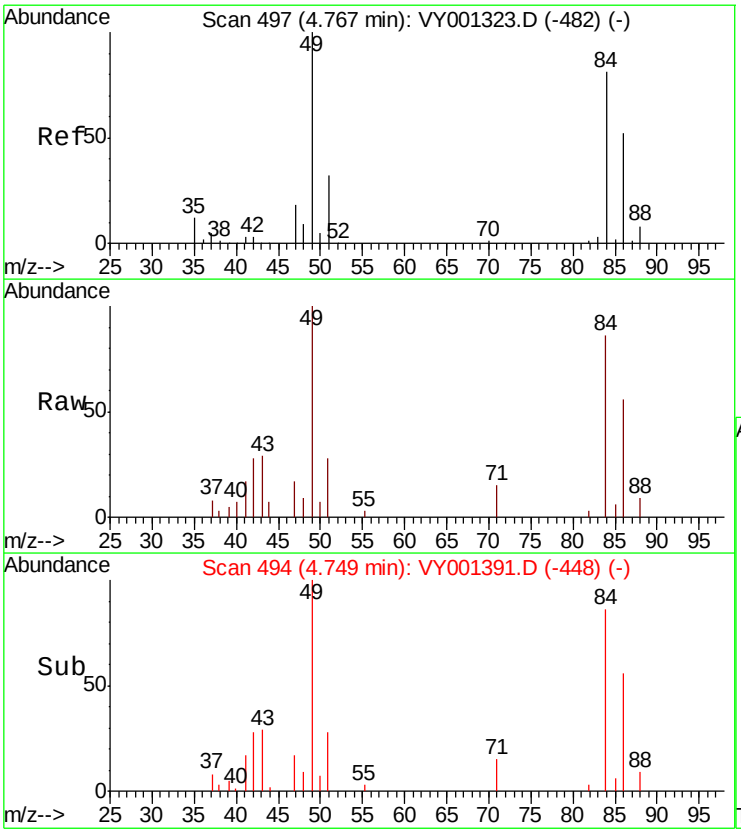
#17
Carbon Disulfide
Concen: 6.877 ug/l
RT: 4.22 min Scan# 408
Delta R.T. -0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 30705

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

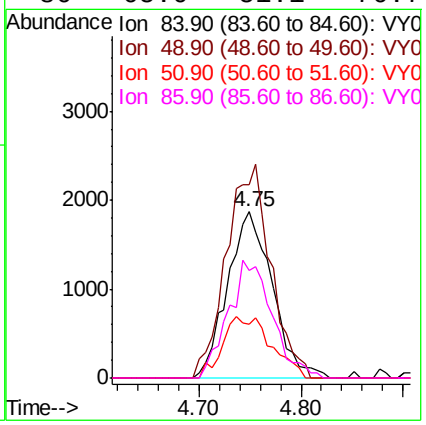


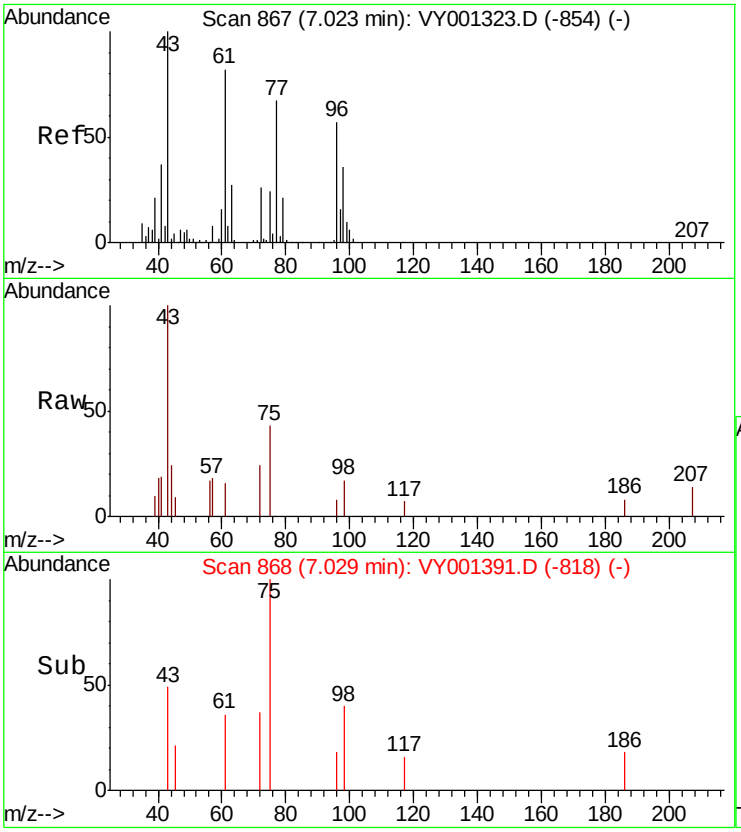


#20
Methylene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 494
Delta R.T. -0.02 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion: 84 Resp: 5699

Ion	Ratio	Lower	Upper
84	100		
49	116.6	98.3	147.5
51	32.7	31.6	47.4
86	65.0	51.1	76.7



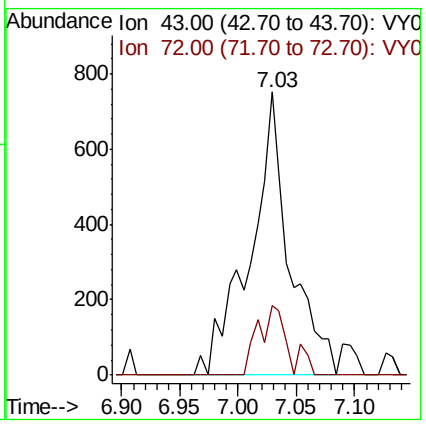


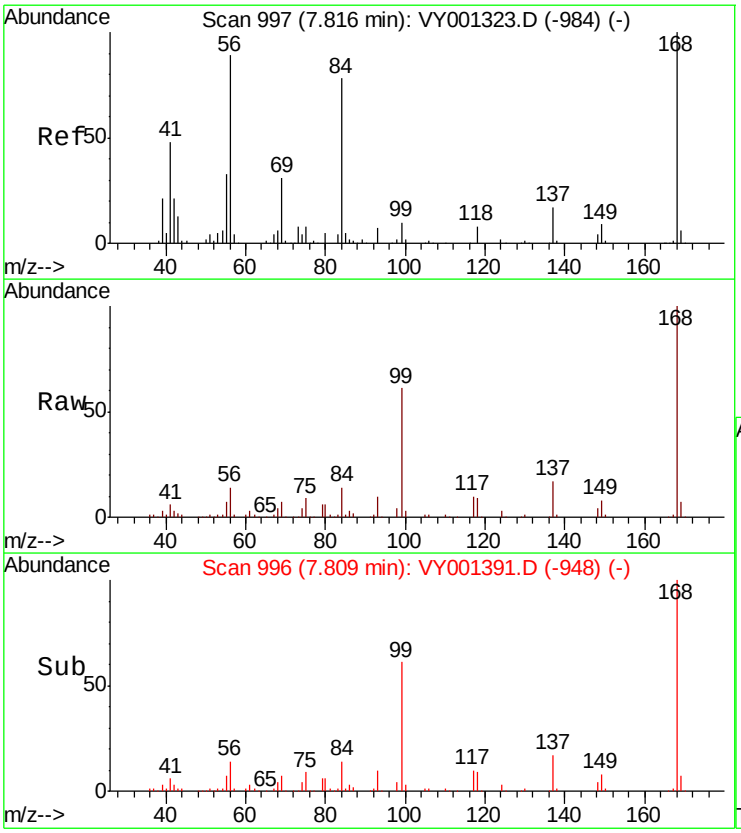
#25
2-Butanone
Concen: 2.795 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1770

Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.6	31.0

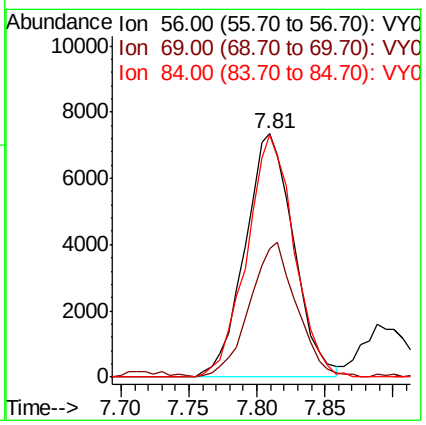


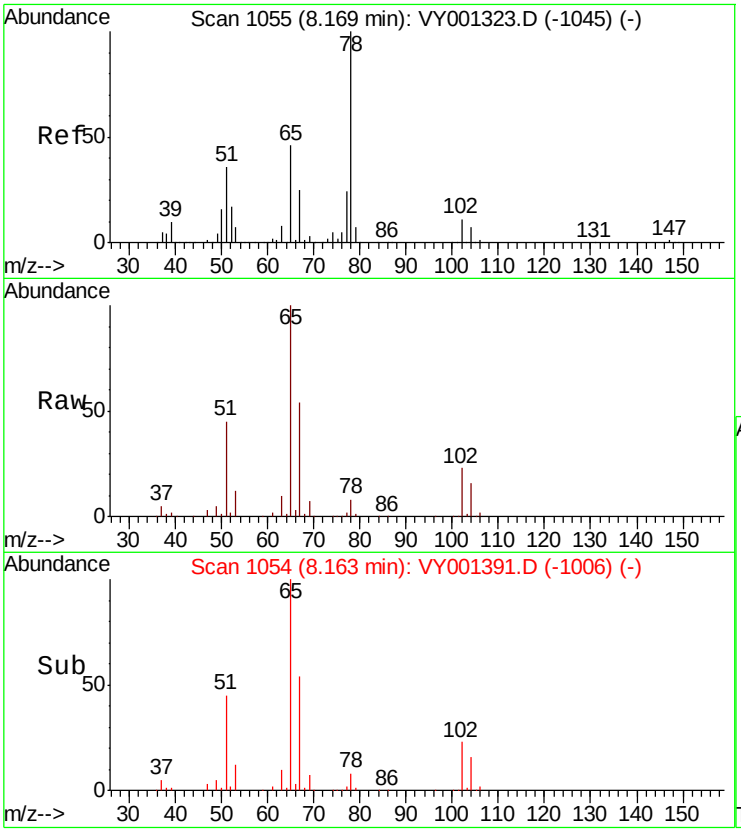


#31
Cyclohexane
Concen: 6.530 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion: 56 Resp: 18373

Ion	Ratio	Lower	Upper
56	100		
69	52.0	27.6	41.4#
84	99.6	69.7	104.5



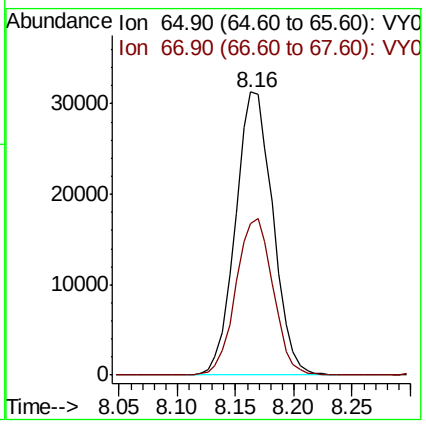


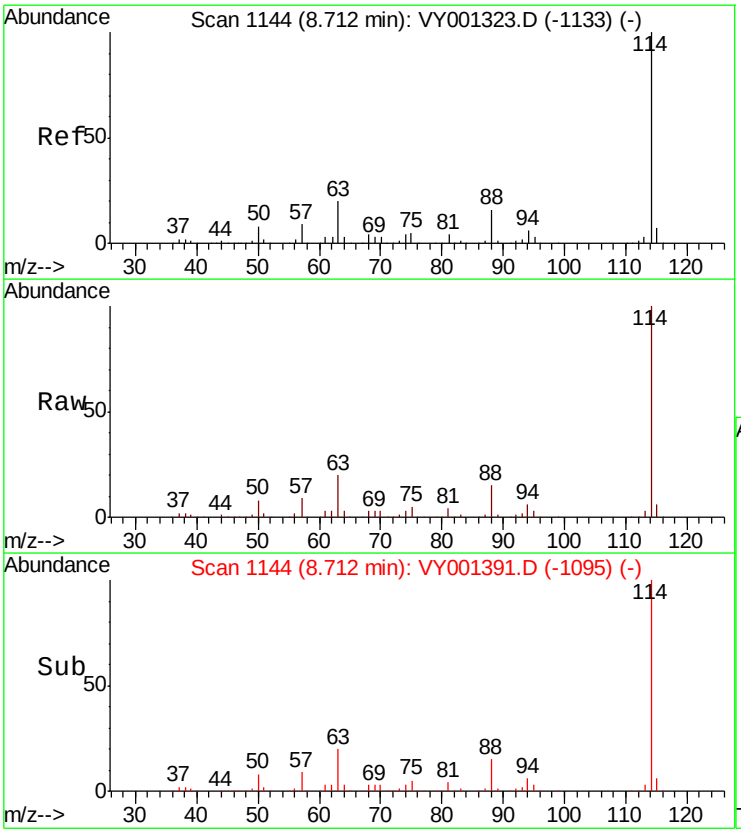
#33
1,2-Dichloroethane-d4
Concen: 48.246 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 70197

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	108.6

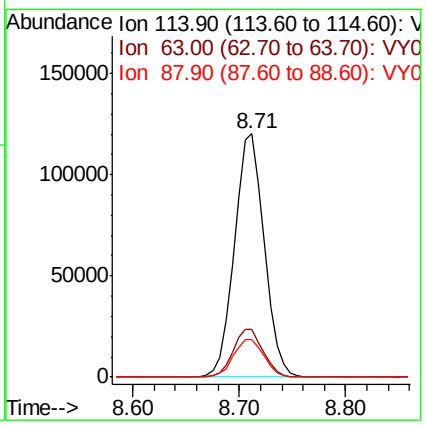


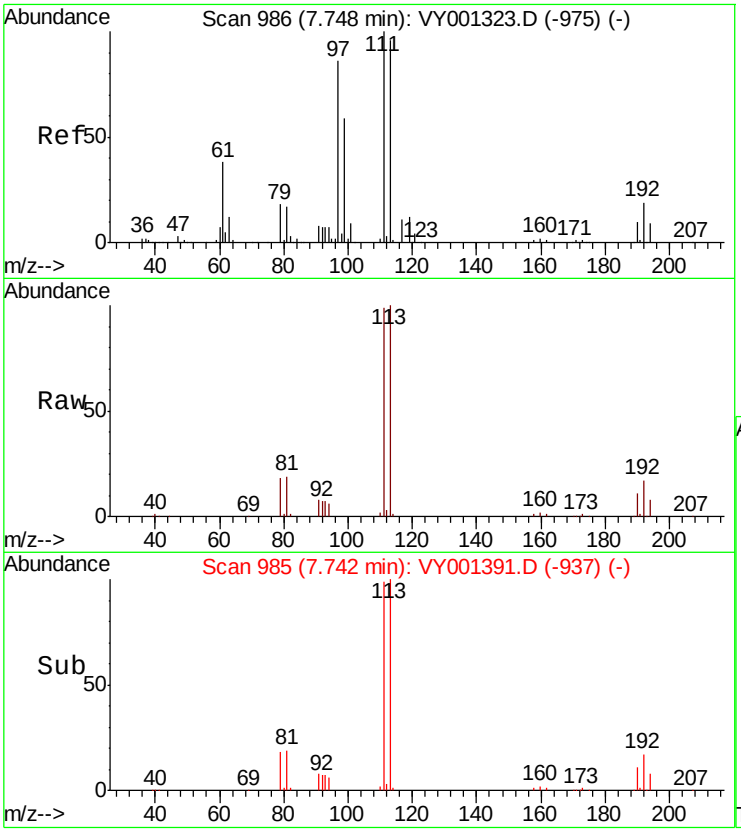


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion:114 Resp: 236341

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	15.4	0.0	31.0



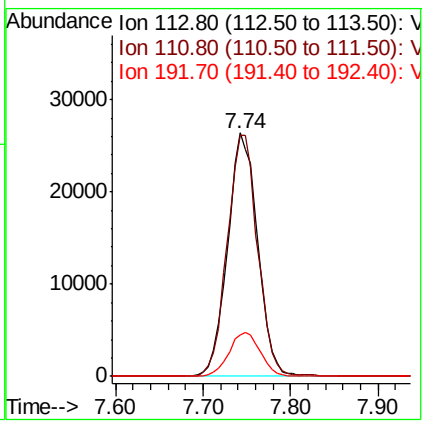


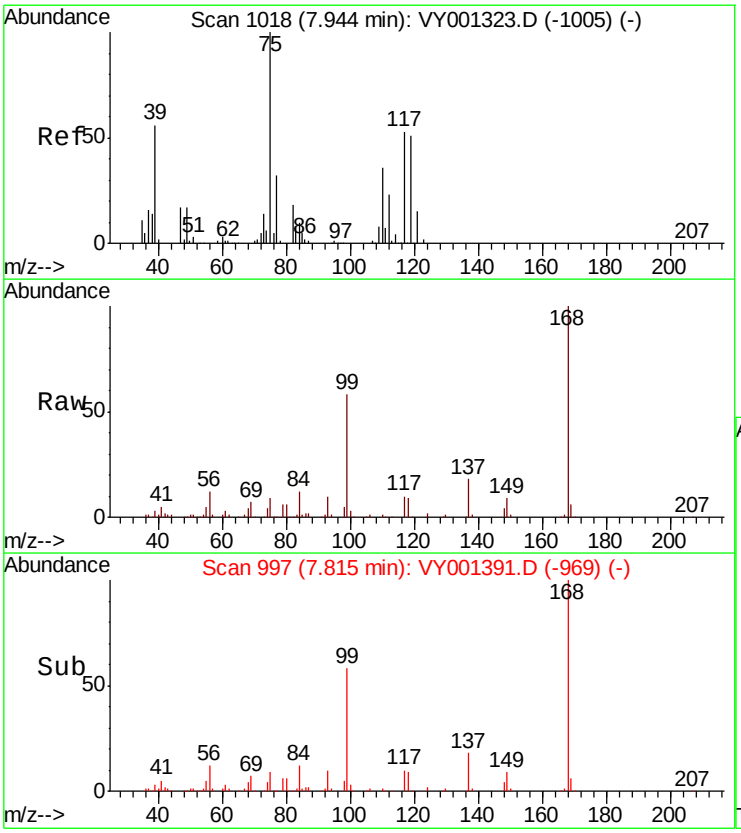
#35
Dibromofluoromethane
Concen: 45.378 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 62945

Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.8	124.2
192	18.6	15.5	23.3

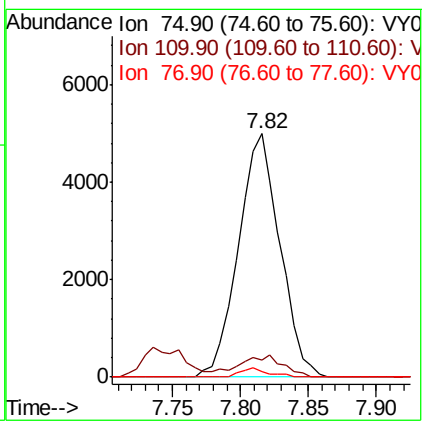


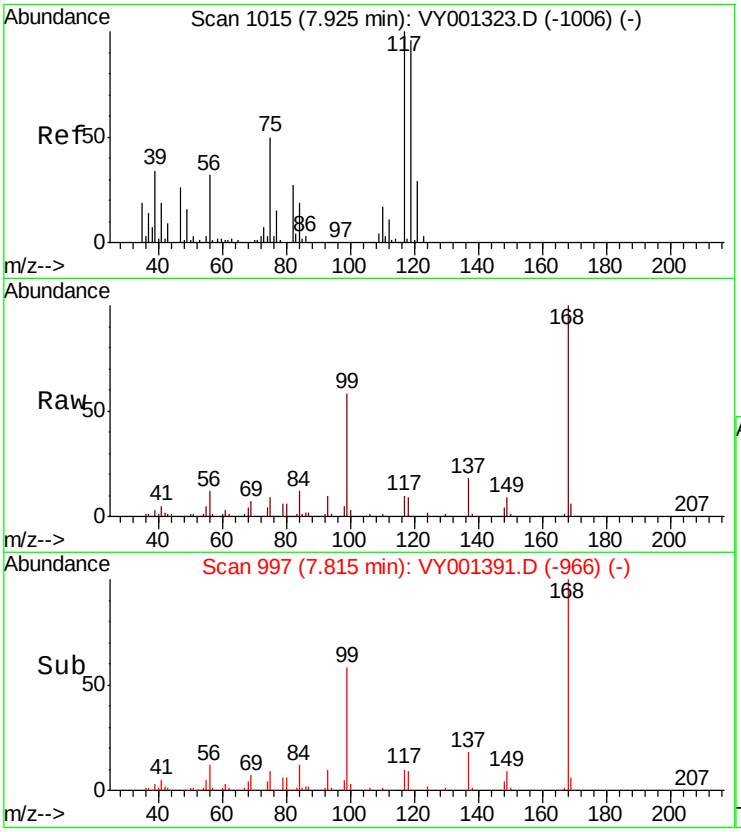


#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion: 75 Resp: 10628

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.6	52.8#
77	2.4	24.7	37.1#



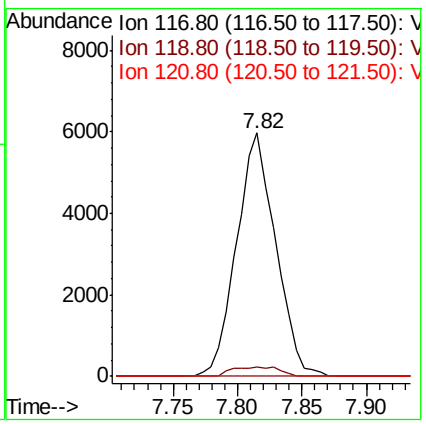


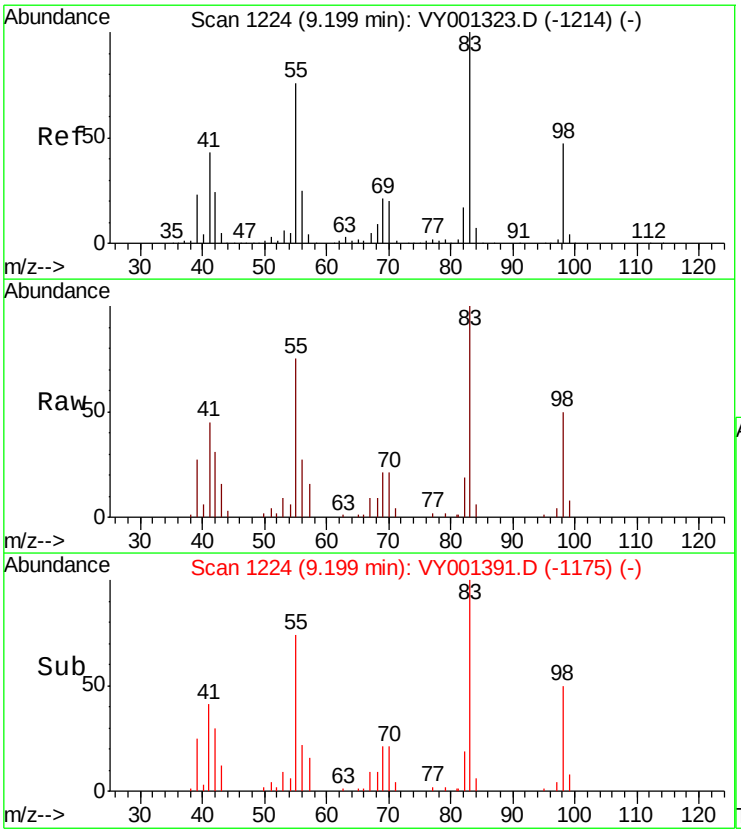
#38
Carbon Tetrachloride
Concen: 6.291 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 12519

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

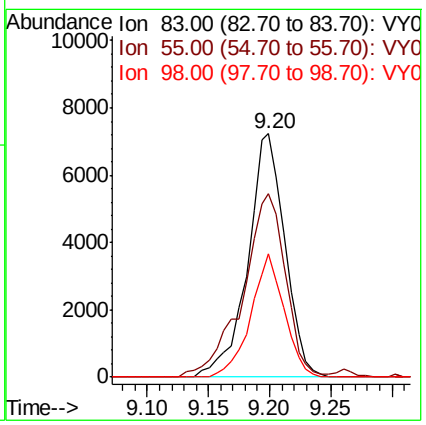


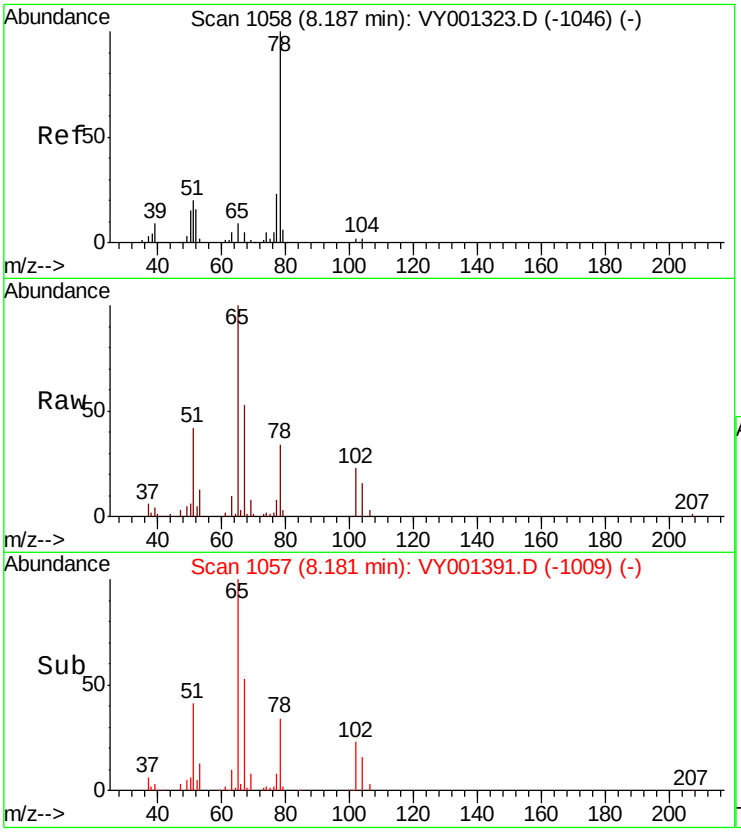


#39
Methylcyclohexane
Concen: 5.341 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion: 83 Resp: 15277

Ion	Ratio	Lower	Upper
83	100		
55	73.9	60.7	91.1
98	50.4	37.8	56.8



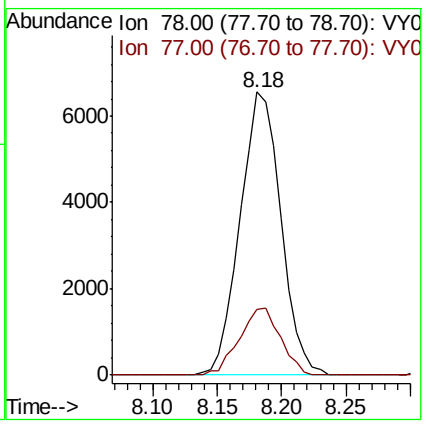


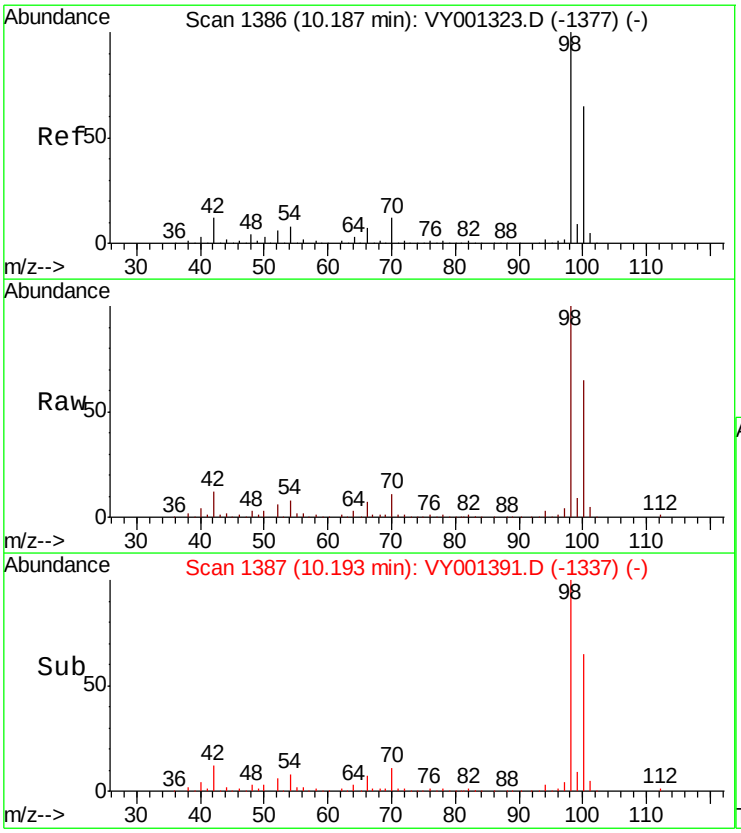
#40
Benzene
Concen: 2.138 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 78 Resp: 14314

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8

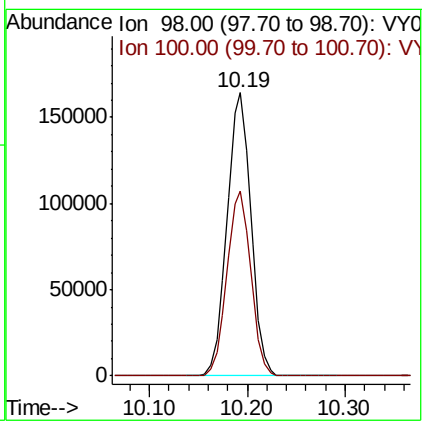


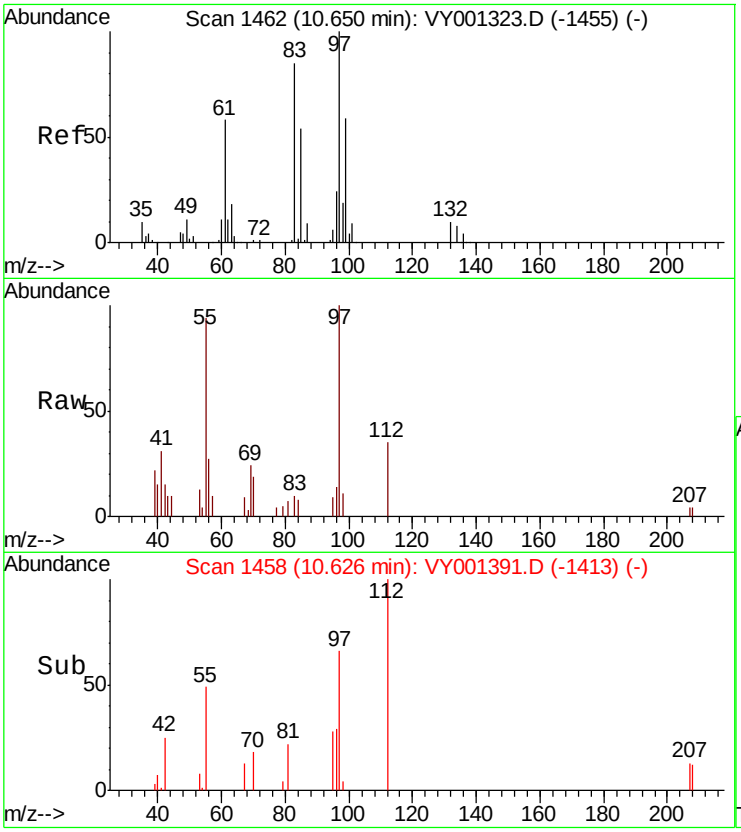


#50
Toluene-d8
Concen: 51.549 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion: 98 Resp: 277807

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	79.0



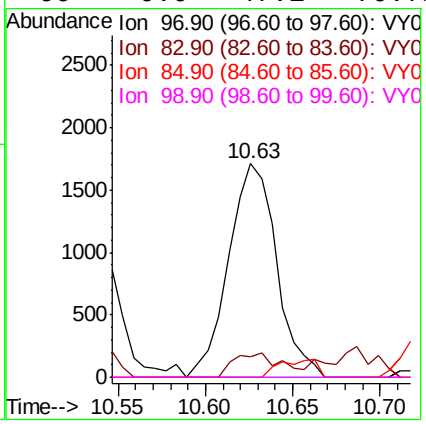


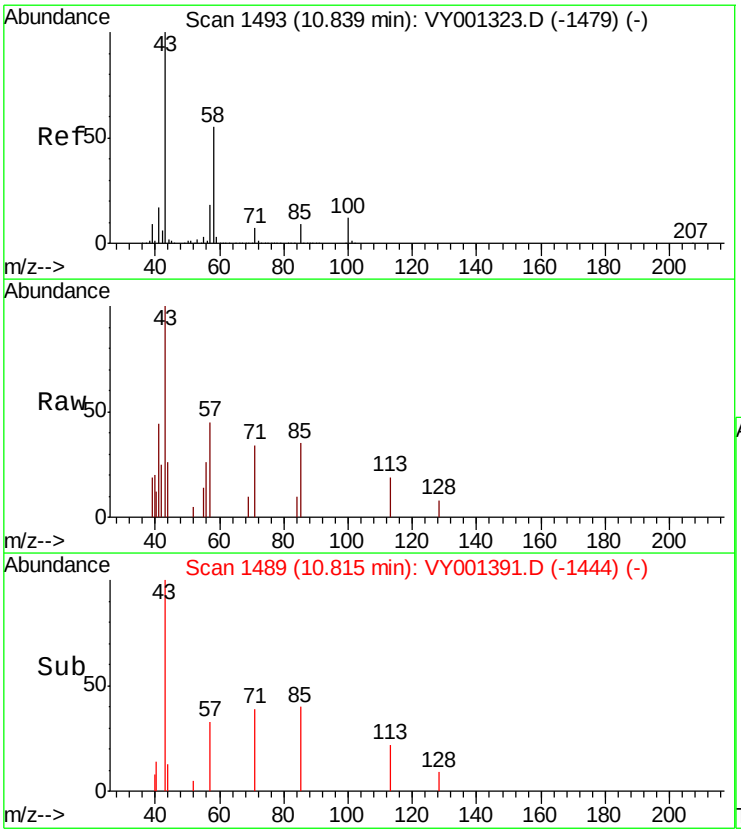
#55
1,1,2-Trichloroethane
Concen: 2.434 ug/l
RT: 10.63 min Scan# 1458
Delta R.T. -0.02 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 3264

Ion	Ratio	Lower	Upper
97	100		
83	9.8	68.0	102.0#
85	0.0	43.6	65.4#
99	0.0	47.1	70.7#

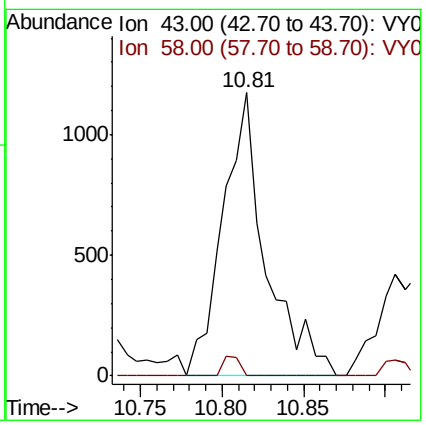


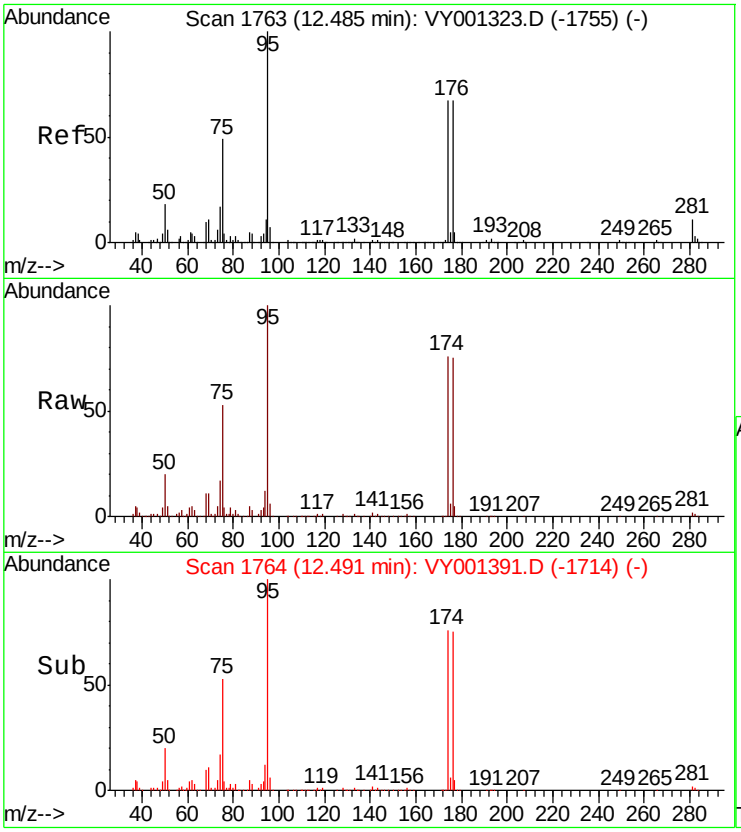


#59
2-Hexanone
Concen: 2.266 ug/l
RT: 10.81 min Scan# 1489
Delta R.T. -0.02 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion: 43 Resp: 2155

Ion	Ratio	Lower	Upper
43	100		
58	2.6	27.6	82.8#



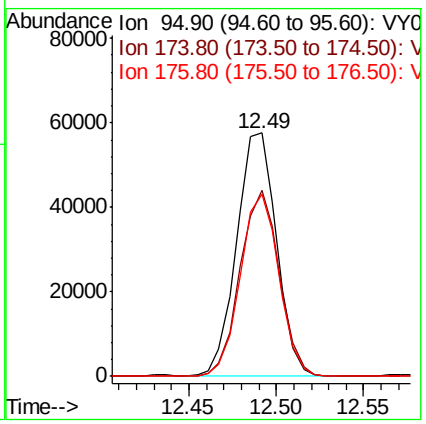


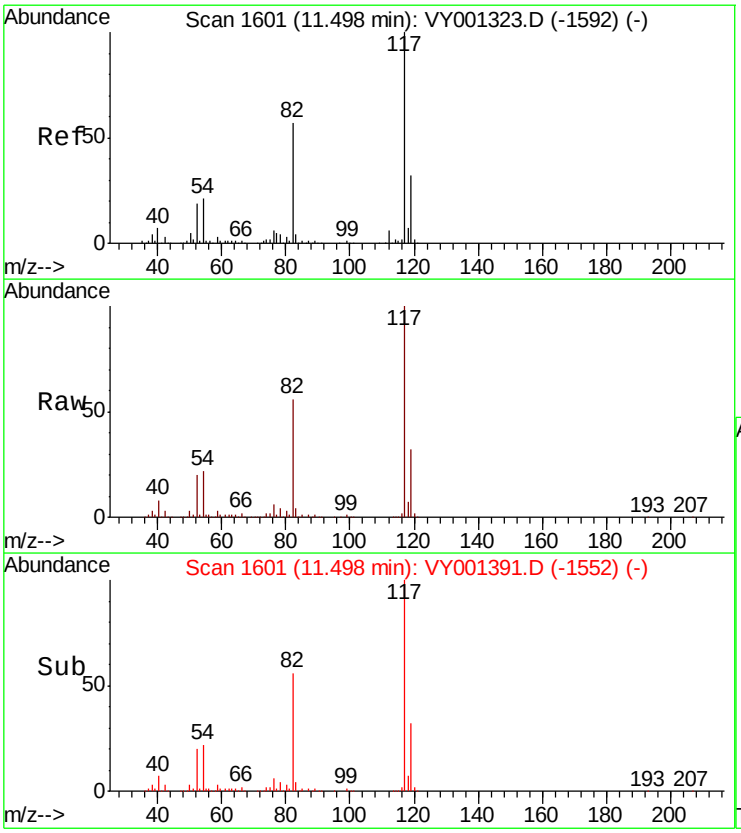
#62
4-Bromofluorobenzene
Concen: 42.623 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 91476

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	142.0
176	72.7	0.0	138.6

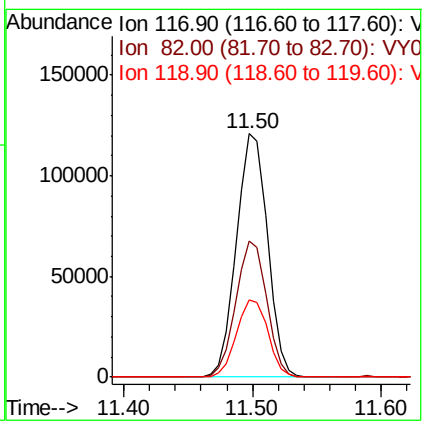


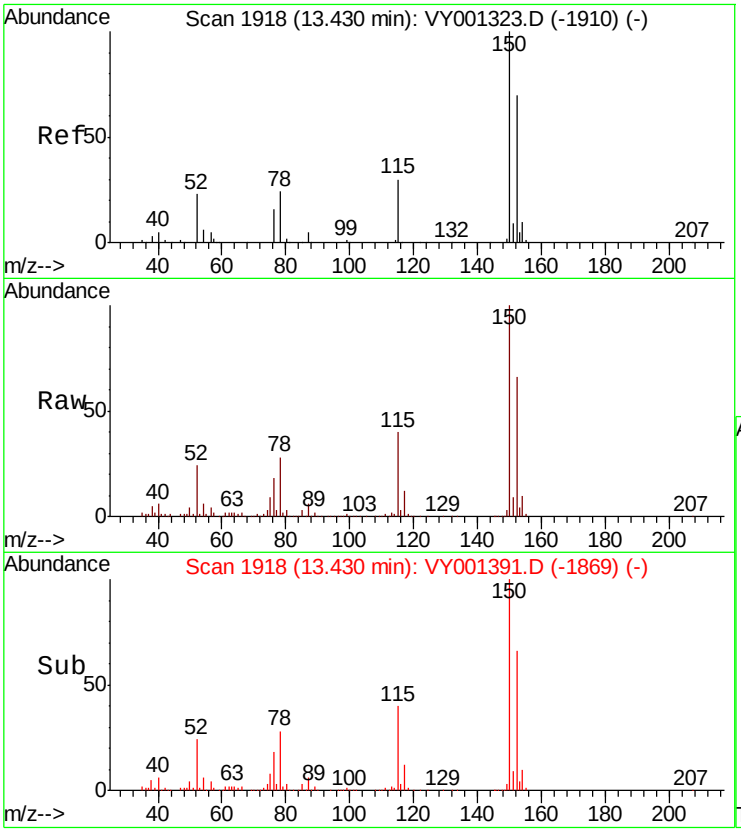


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion:117 Resp: 202019

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.5	68.3
119	31.6	25.8	38.6



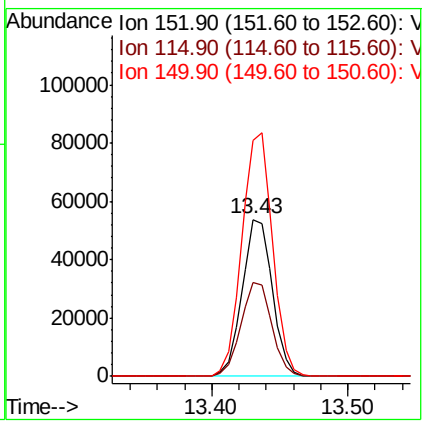


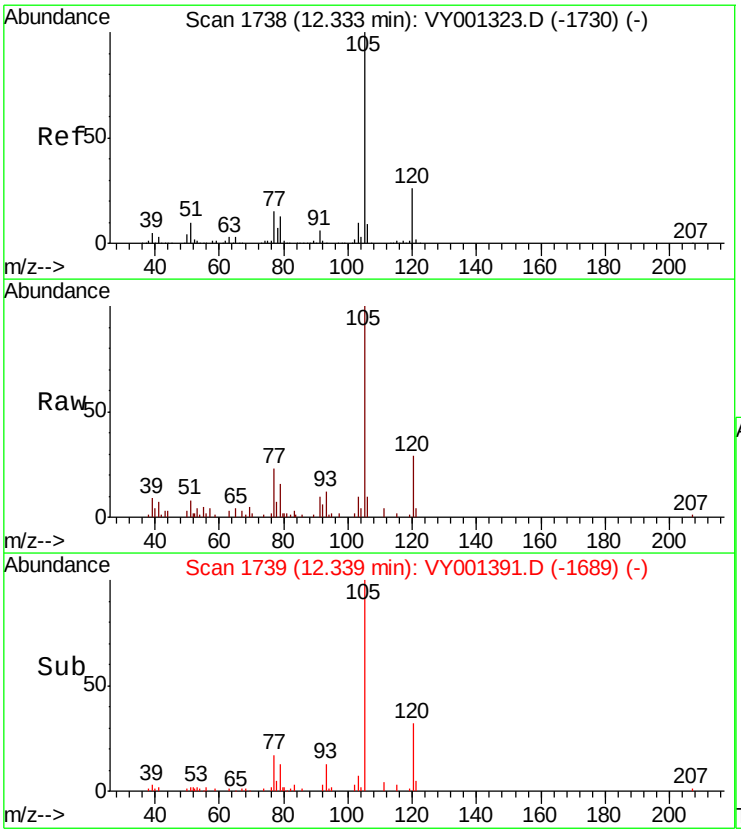
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 83728

Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.9	92.8
150	156.7	0.0	349.2

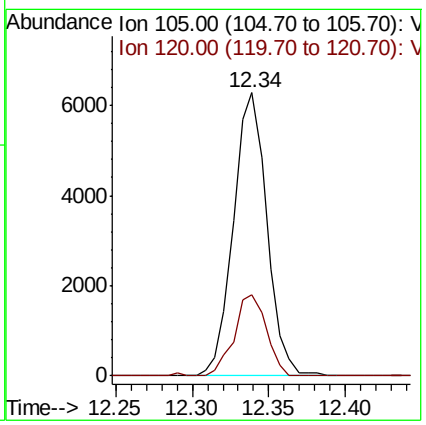


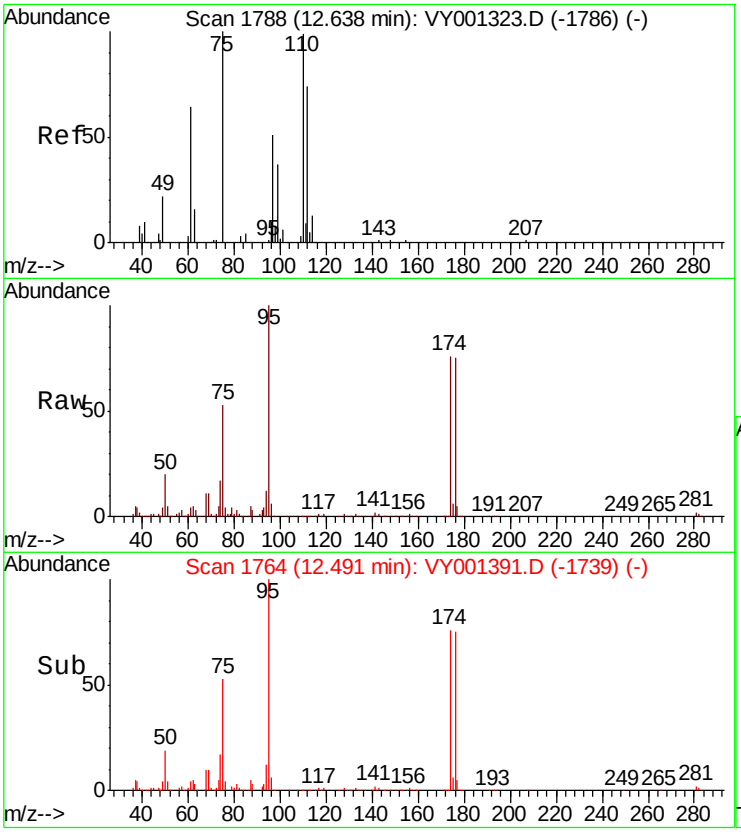


#73
Isopropylbenzene
Concen: 1.444 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion:105 Resp: 9537

Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.5	40.4



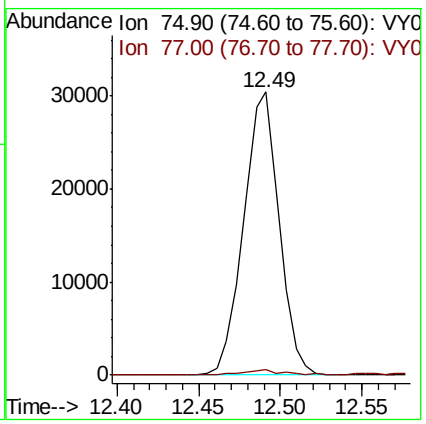


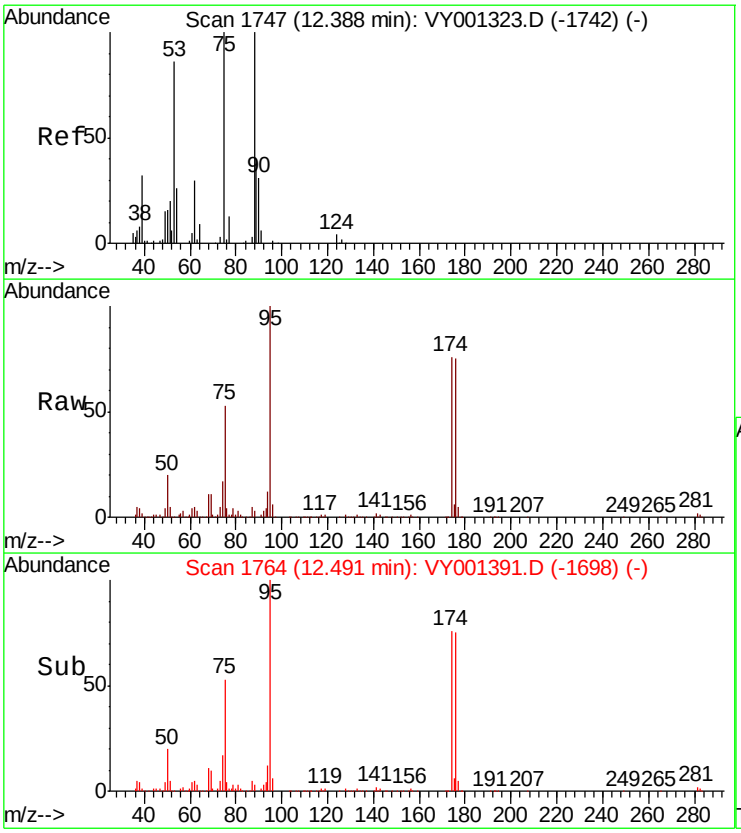
#76
1,2,3-Trichloropropane
Concen: 45.677 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 46085

Ion	Ratio	Lower	Upper
75	100		
77	2.2	0.0	0.0#

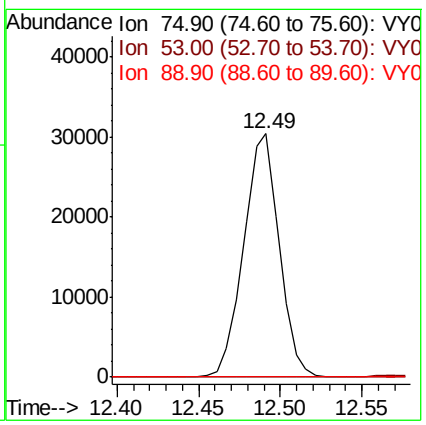


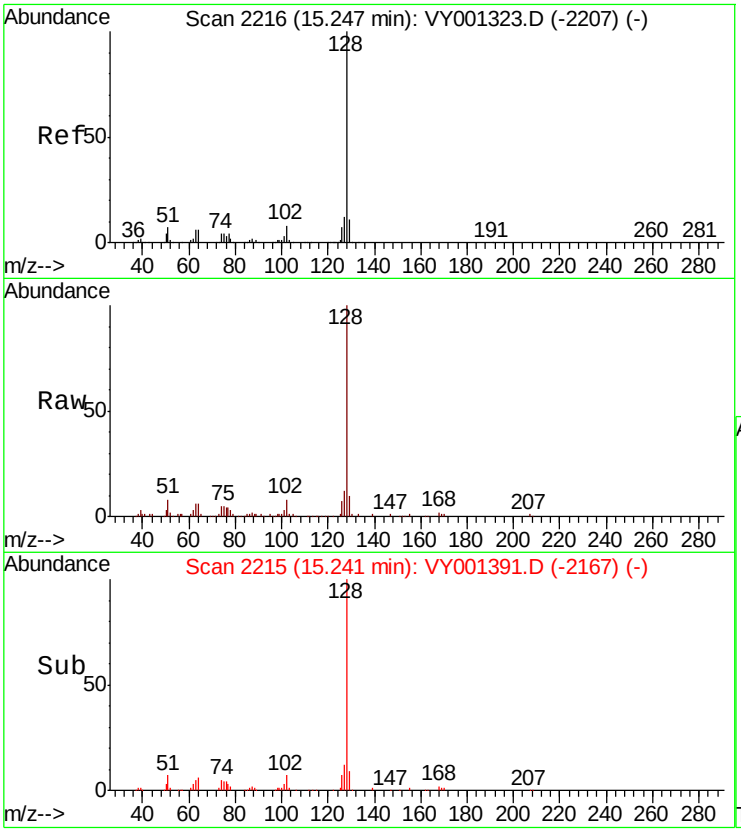


#81
trans-1,4-Dichloro-2-butene
Concen: 86.439 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Tgt Ion: 75 Resp: 46085

Ion	Ratio	Lower	Upper
75	100		
53	0.1	69.9	104.9#
89	0.1	36.6	54.8#





#95
Naphthalene
Concen: 11.661 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001391.D
Acq: 24 Jan 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 46514

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.7	8.7	13.1