Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY040120\
Data File : VY002153.D
Acq On : 01 Apr 2020 11:24
Operator : SY/MD
Sample : VY0401SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 02 06:19:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.82	168	126047	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.71	114	249246	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.50	117	232295	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	100418	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.17	65	80050	57.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.90%				
35) Dibromofluoromethane	7.74	113	74219	53.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.28%				
50) Toluene-d8	10.19	98	303487	52.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.62%				
62) 4-Bromofluorobenzene	12.49	95	103072	50.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.92	85	1210	Below Cal			90
7) Trichlorofluoromethane	3.16	101	2059	1.003	ug/l		93
11) Tert butyl alcohol	4.97	59	2711	16.510	ug/l	#	74
13) Acrolein	3.77	56	215	1.048	ug/l	#	14
15) Acrylonitrile	5.22	53	493	1.082	ug/l	#	80
16) Acetone	3.99	43	1783	4.555	ug/l	#	81
20) Methylene Chloride	4.76	84	5334	Below Cal			86
25) 2-Butanone	7.02	43	2512	4.179	ug/l	#	73
26) 2,2-Dichloropropane	7.00	77	2816	1.255	ug/l	#	52
29) Tetrahydrofuran	7.38	42	446	1.132	ug/l	#	60
31) Cyclohexane	7.82	56	3219	1.109	ug/l	#	1
36) 1,1-Dichloropropene	7.82	75	11019	4.674	ug/l	#	49
38) Carbon Tetrachloride	7.82	117	13272	6.635	ug/l	#	17
51) 4-Methyl-2-Pentanone	10.08	43	6495	4.770	ug/l		95
76) 1,2,3-Trichloropropane	12.49	75	53624	47.739	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.49	75	53624	92.488	ug/l	#	17

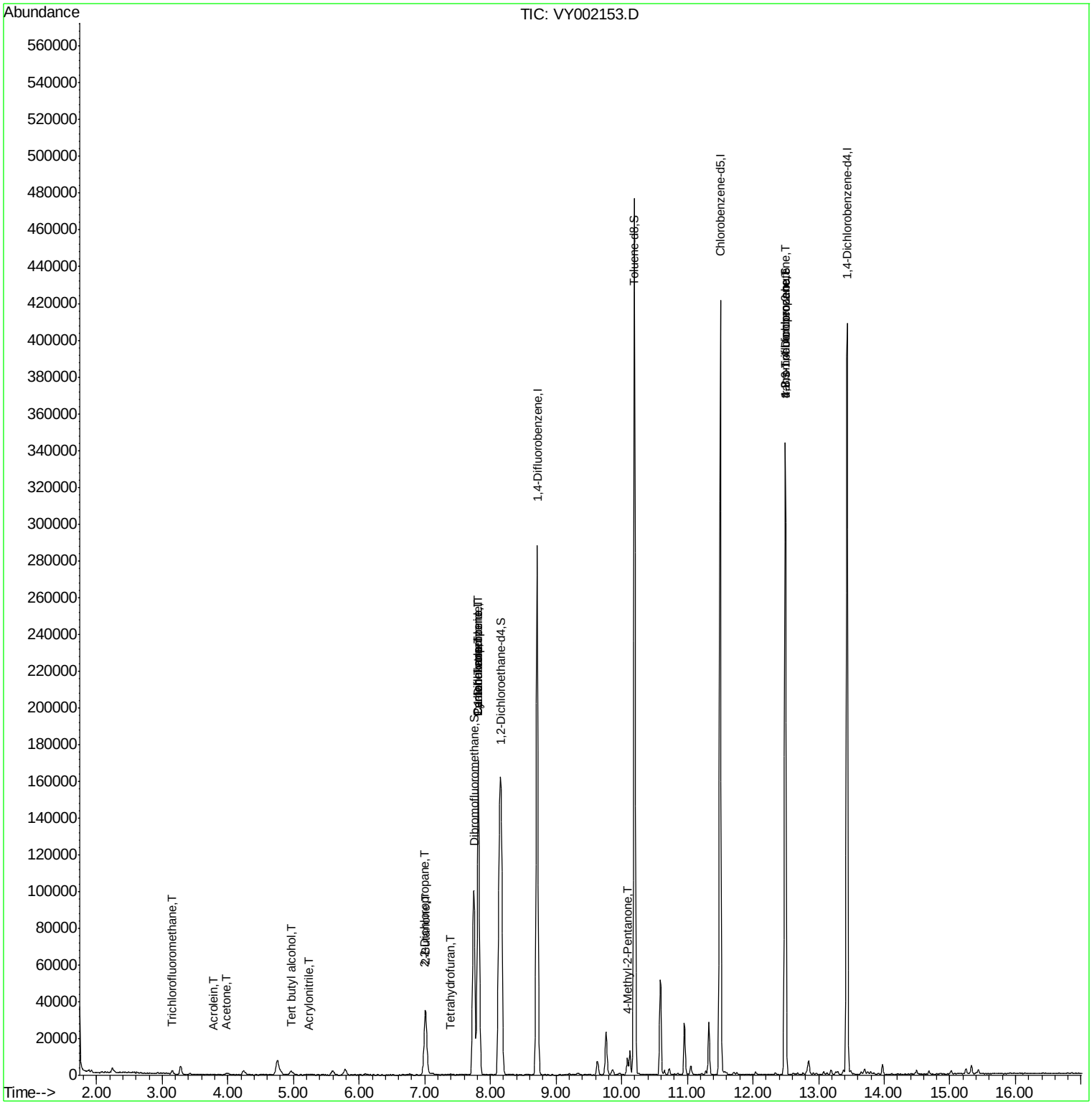
(#) = qualifier out of range (m) = manual integration (+) = signals summed

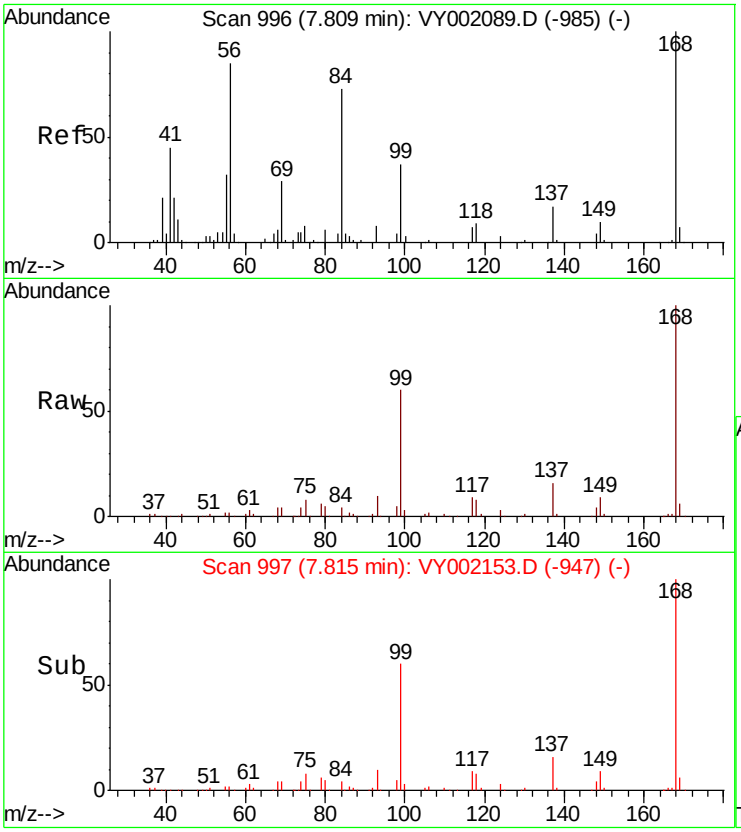
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY040120\
Data File : VY002153.D
Acq On : 01 Apr 2020 11:24
Operator : SY/MD
Sample : VY0401SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 02 06:19:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration



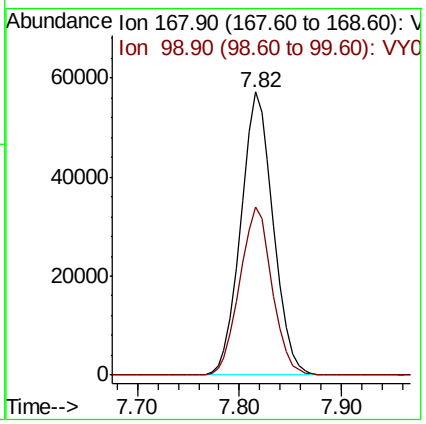


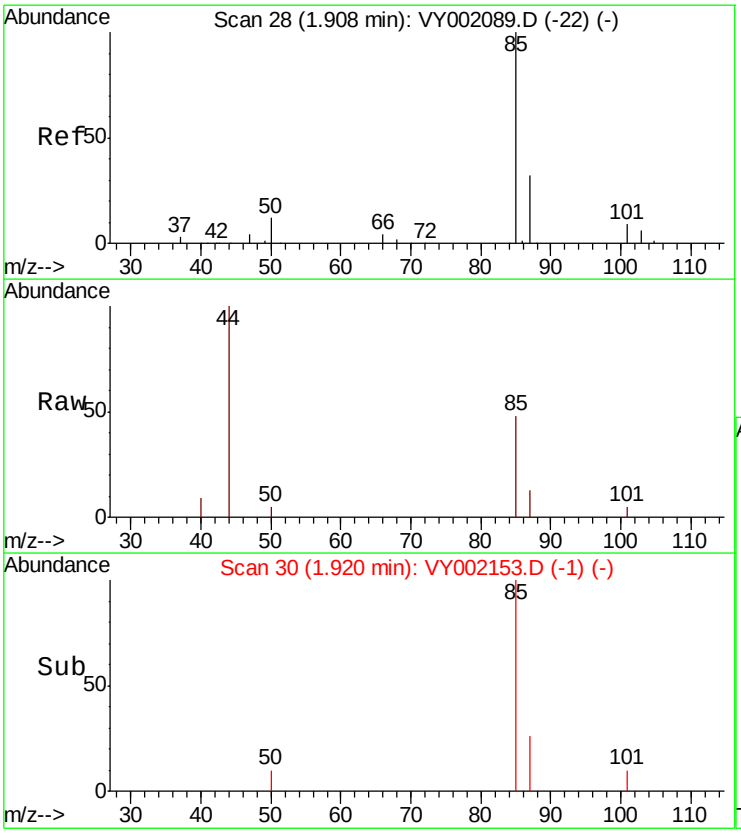
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 126047

Ion	Ratio	Lower	Upper
168	100		
99	59.6	47.6	71.4

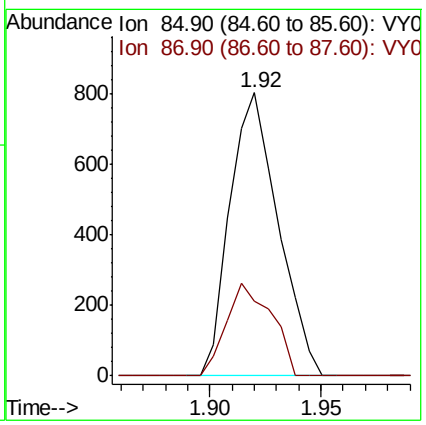


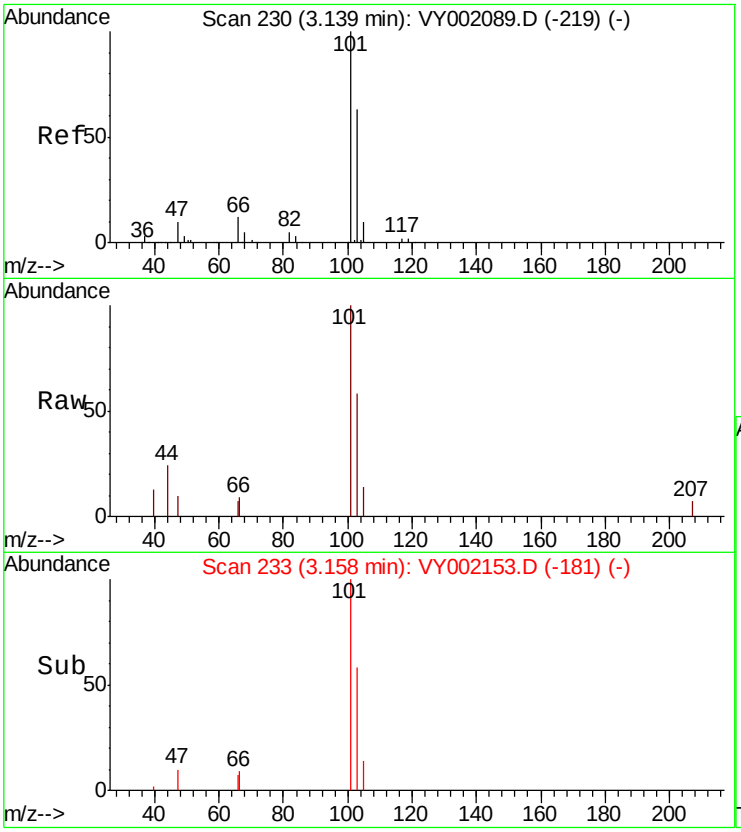


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.92 min Scan# 30
Delta R.T. 0.01 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Tgt Ion: 85 Resp: 1210

Ion	Ratio	Lower	Upper
85	100		
87	26.2	16.0	48.0



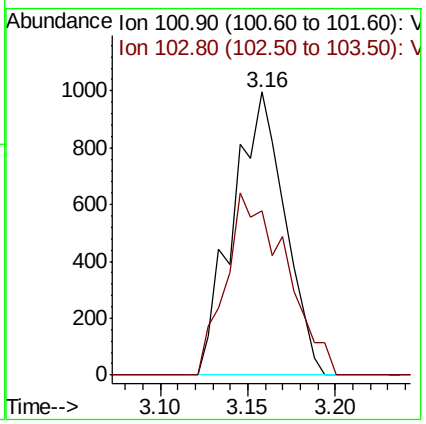


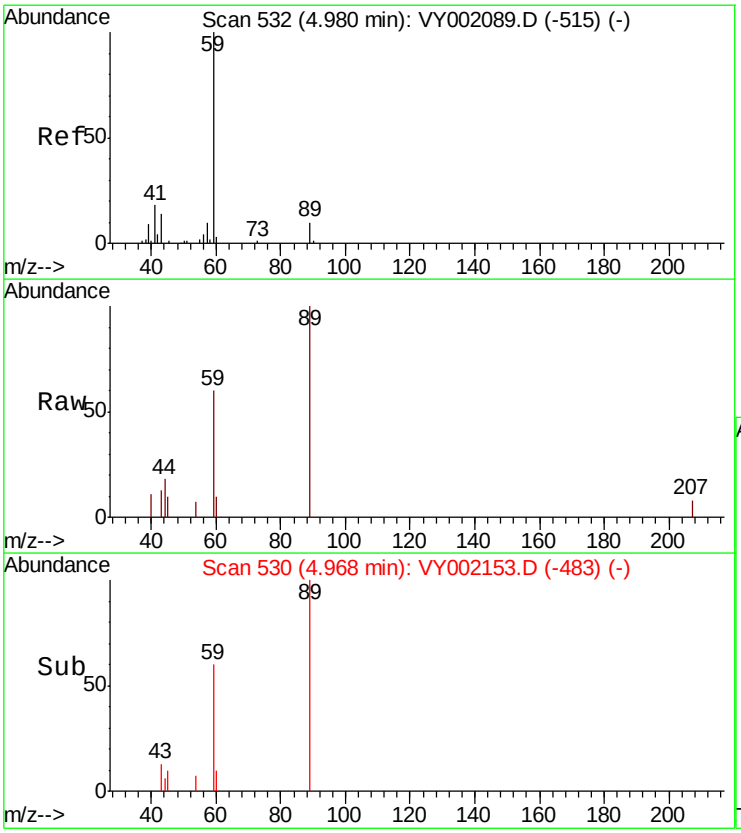
#7
Trichlorofluoromethane
Concen: 1.003 ug/l
RT: 3.16 min Scan# 233
Delta R.T. 0.02 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 2059

Ion	Ratio	Lower	Upper
101	100		
103	58.1	50.6	76.0

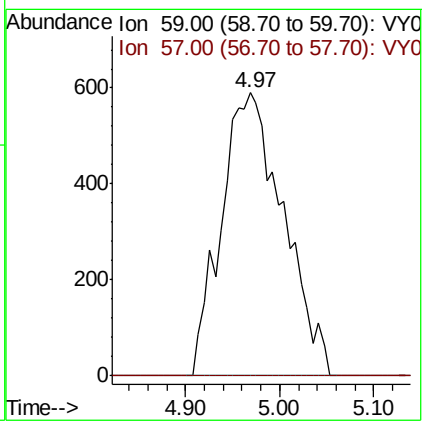


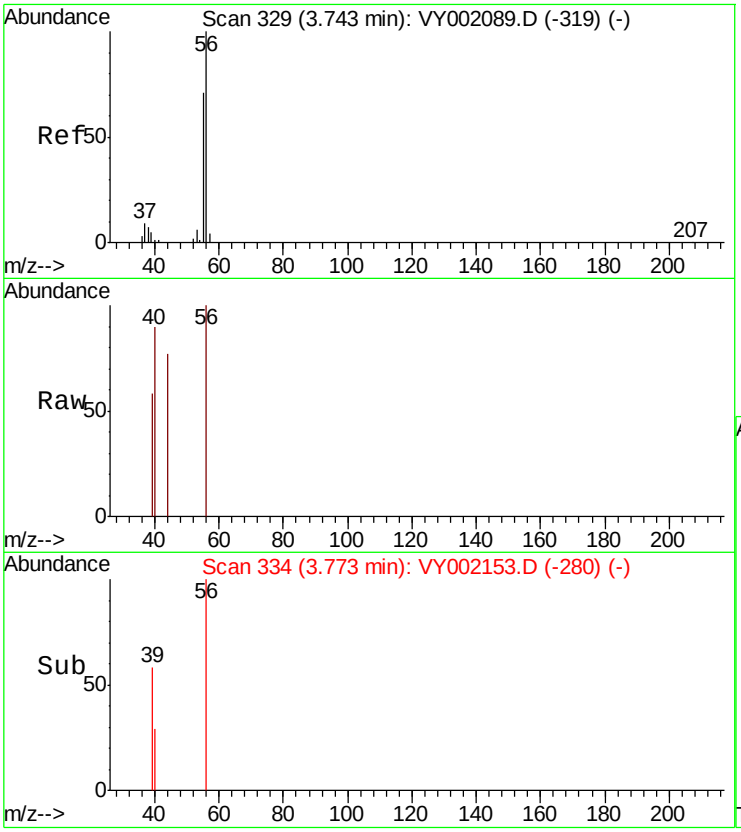


#11
Tert butyl alcohol
Concen: 16.510 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Tgt Ion: 59 Resp: 2711

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#



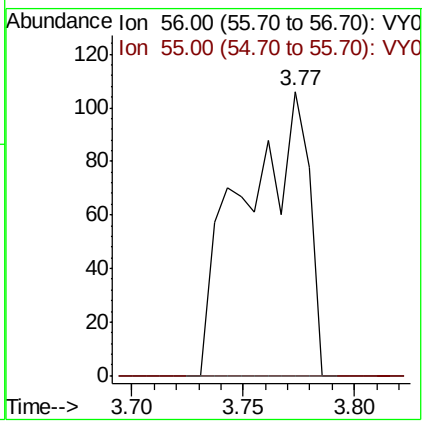


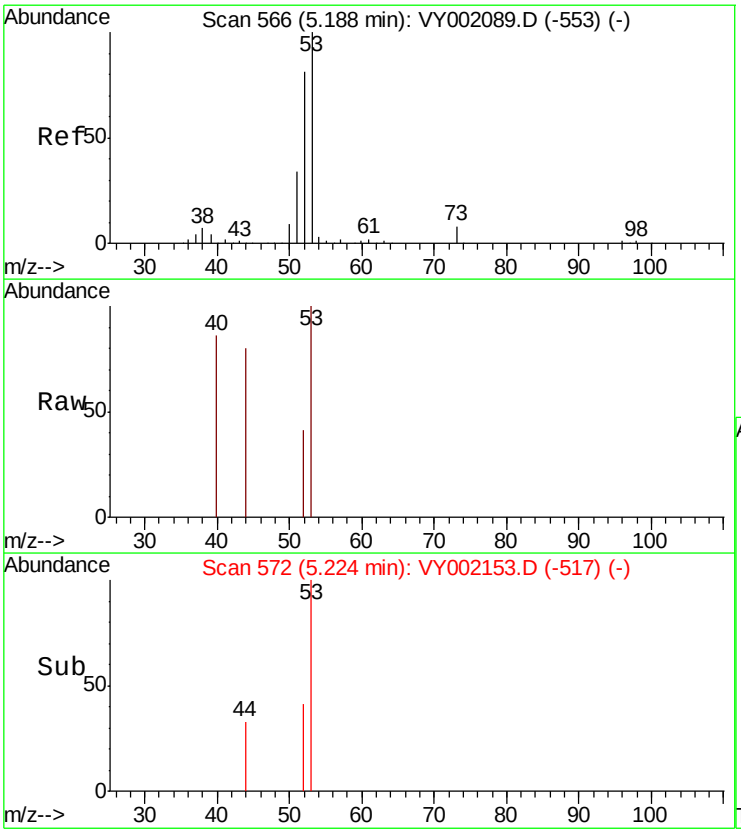
#13
Acrolein
Concen: 1.048 ug/l
RT: 3.77 min Scan# 334
Delta R.T. 0.03 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 215

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.5	84.7#

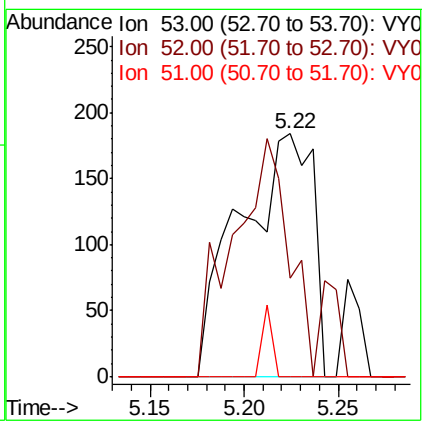


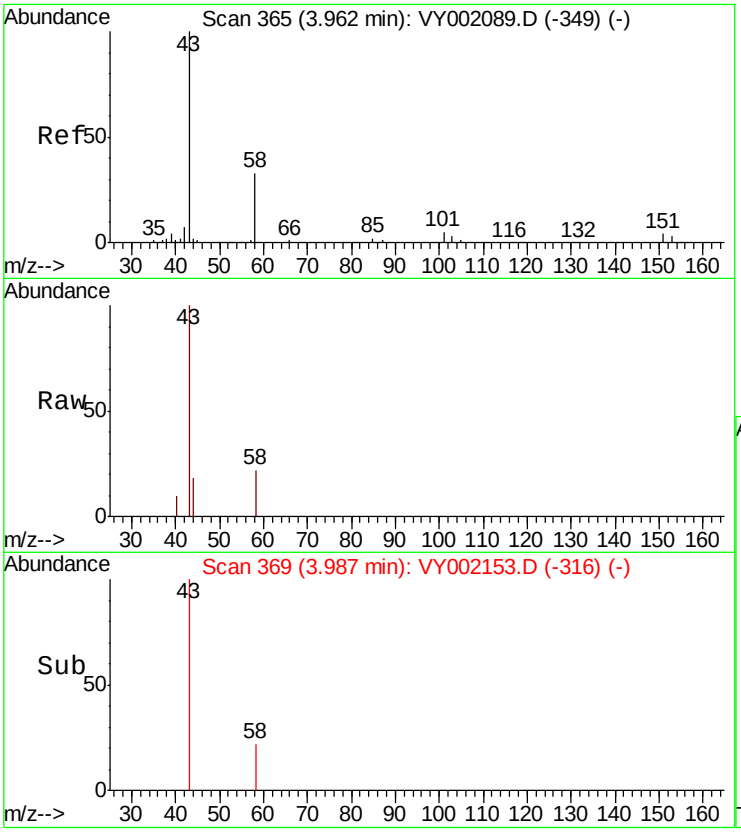


#15
Acrylonitrile
Concen: 1.082 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.04 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Tgt Ion: 53 Resp: 493

Ion	Ratio	Lower	Upper
53	100		
52	75.3	64.6	97.0
51	4.1	27.9	41.9#



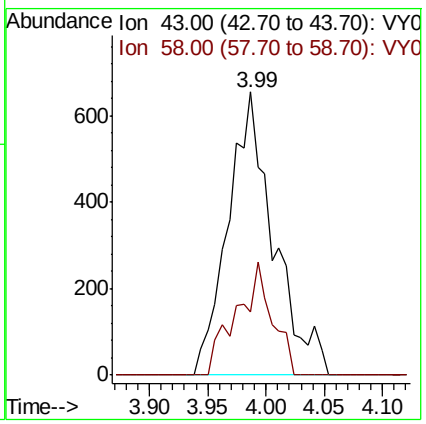


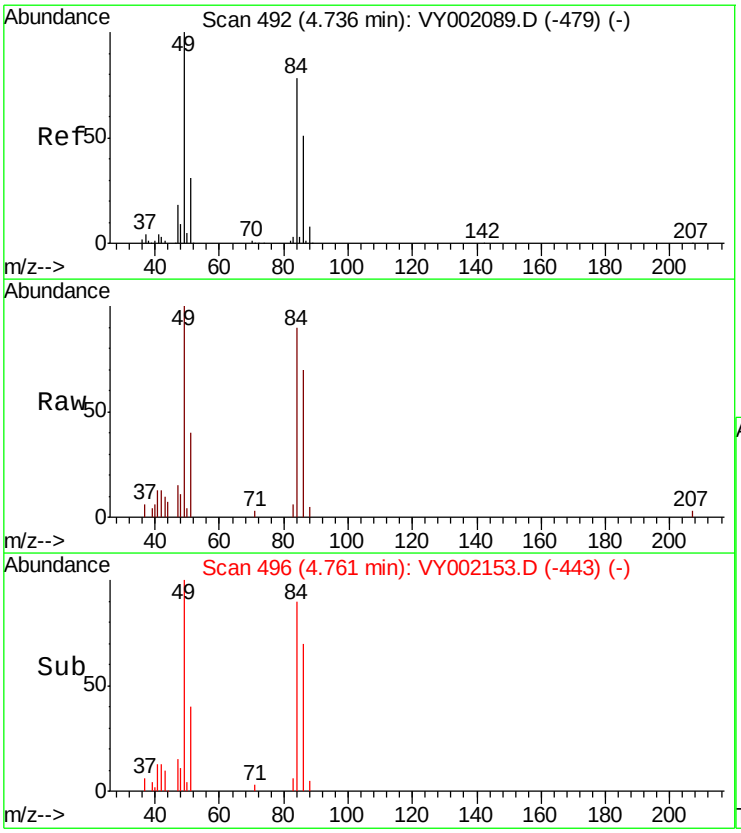
#16
Acetone
Concen: 4.555 ug/l
RT: 3.99 min Scan# 369
Delta R.T. 0.02 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1783

Ion	Ratio	Lower	Upper
43	100		
58	22.3	26.3	39.5#

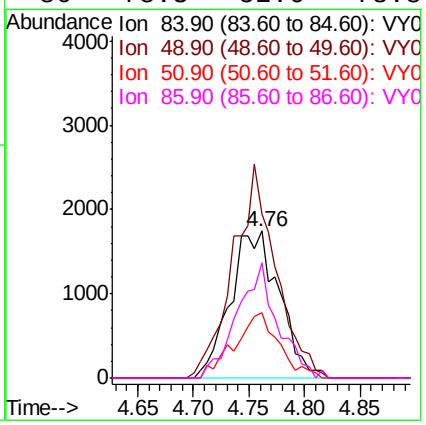


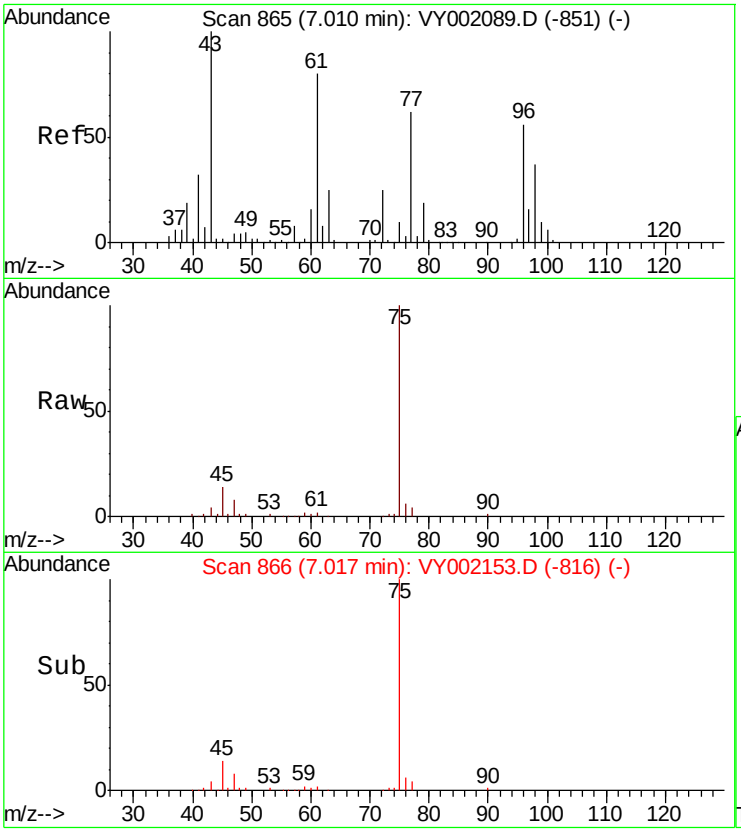


#20
Methylene Chloride
Concen: Below Cal
RT: 4.76 min Scan# 496
Delta R.T. 0.03 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Tgt Ion: 84 Resp: 5334

Ion	Ratio	Lower	Upper
84	100		
49	111.5	102.2	153.4
51	44.4	31.2	46.8
86	78.3	52.6	78.8



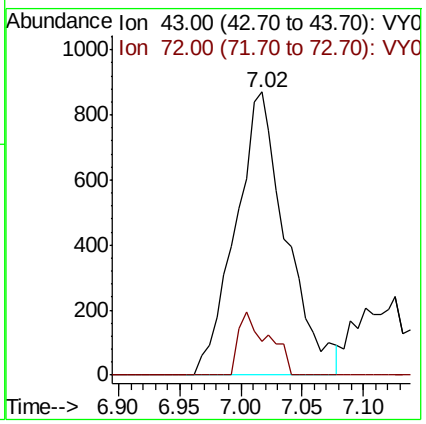


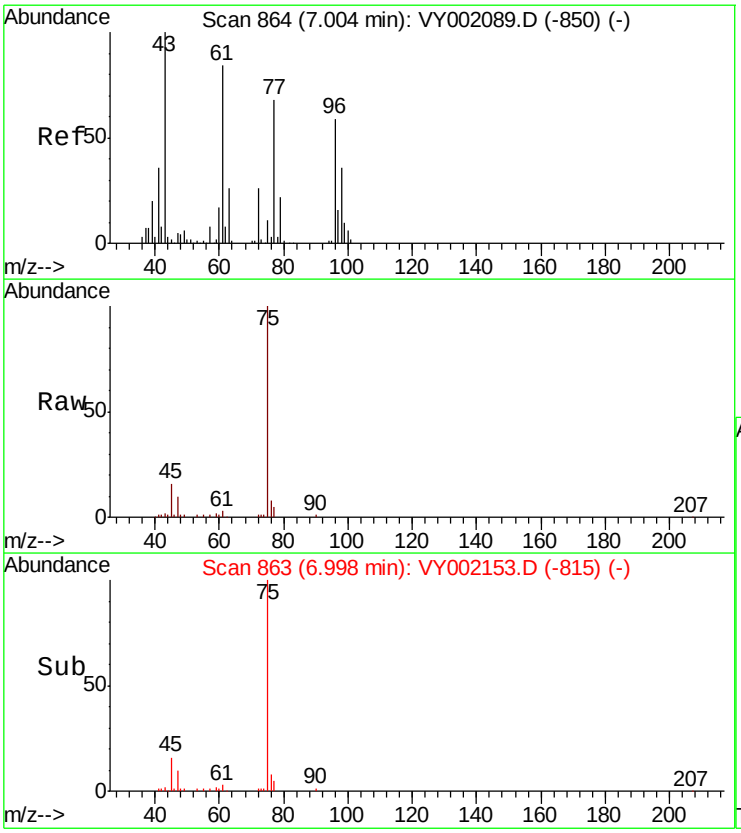
#25
2-Butanone
Concen: 4.179 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2512

Ion	Ratio	Lower	Upper
43	100		
72	11.7	20.2	30.2#

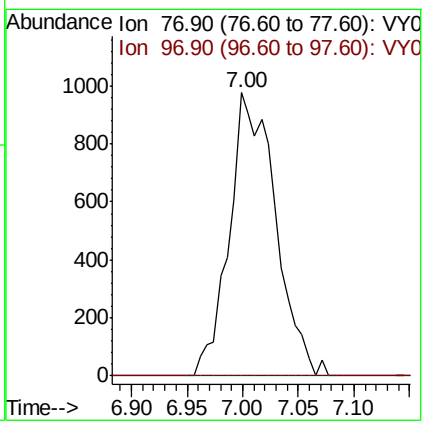


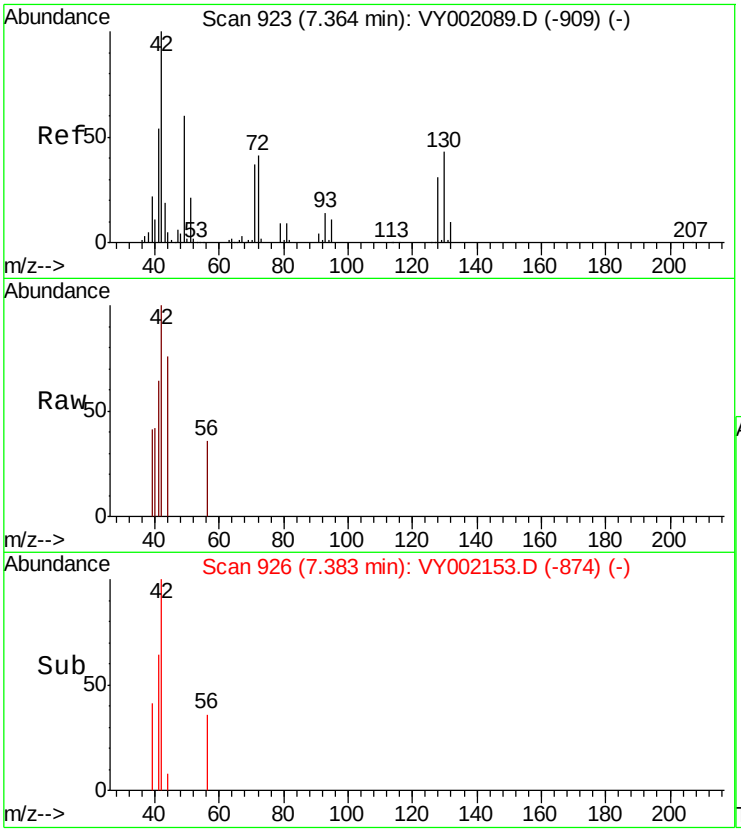


#26
2,2-Dichloropropane
Concen: 1.255 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Tgt Ion: 77 Resp: 2816

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.7	35.1#



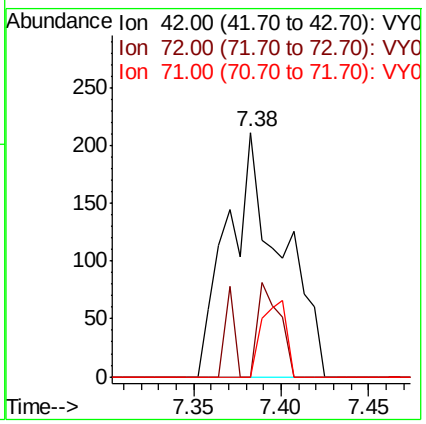


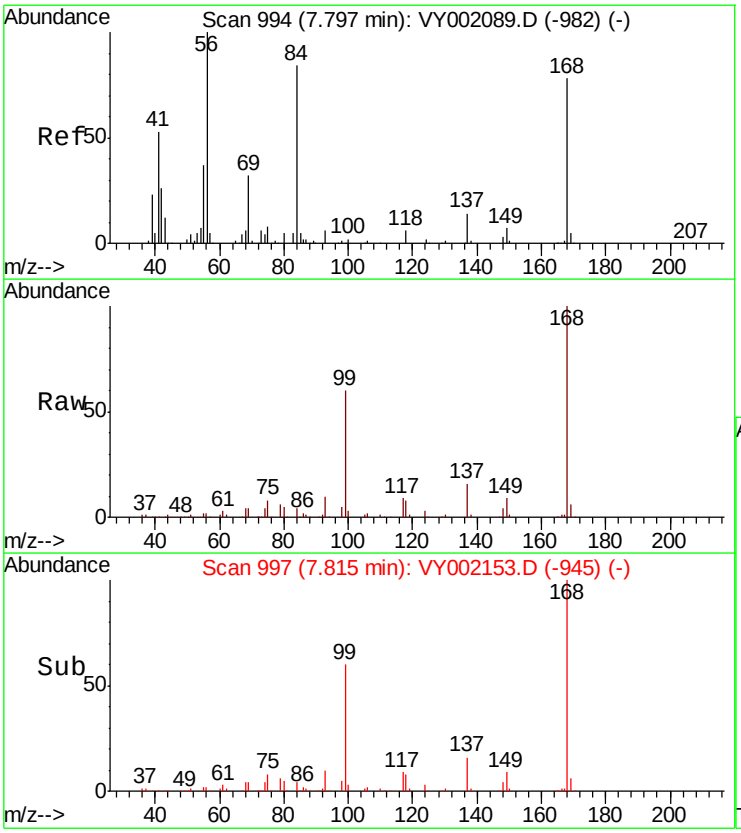
#29
Tetrahydrofuran
Concen: 1.132 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.02 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 446

Ion	Ratio	Lower	Upper
42	100		
72	15.9	33.0	49.4#
71	14.3	31.2	46.8#

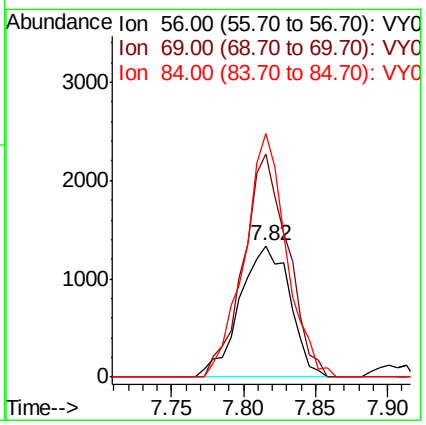


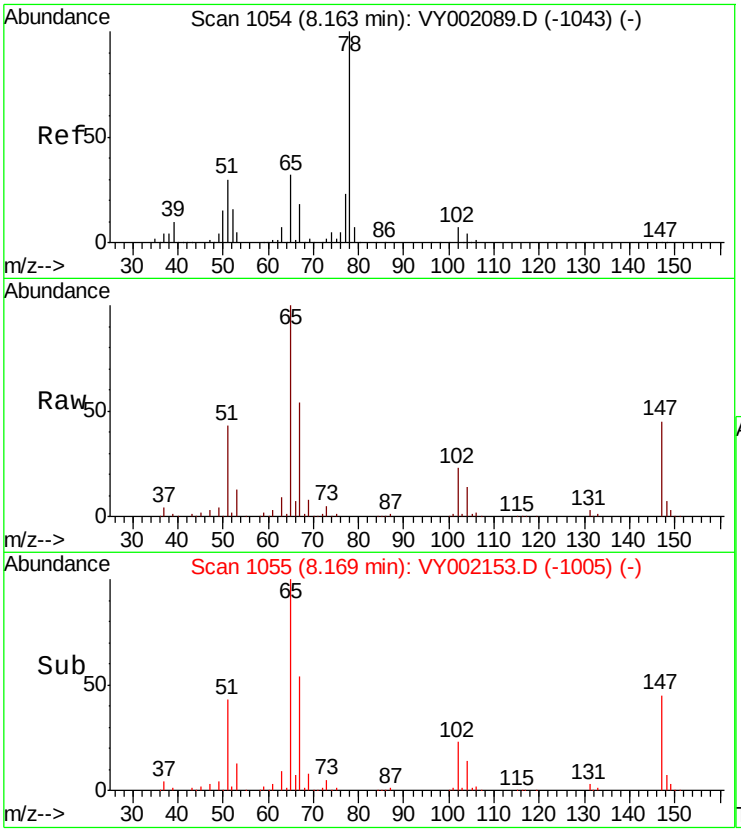


#31
Cyclohexane
Concen: 1.109 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.02 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Tgt Ion: 56 Resp: 3219

Ion	Ratio	Lower	Upper
56	100		
69	170.5	25.8	38.8#
84	185.9	67.1	100.7#



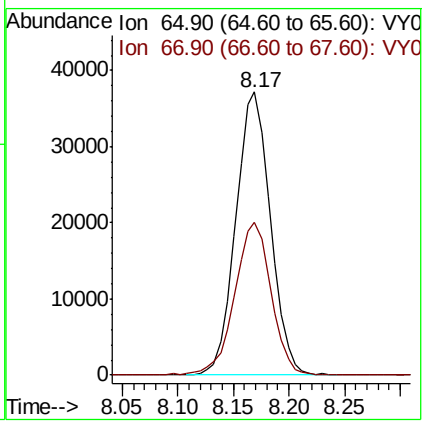


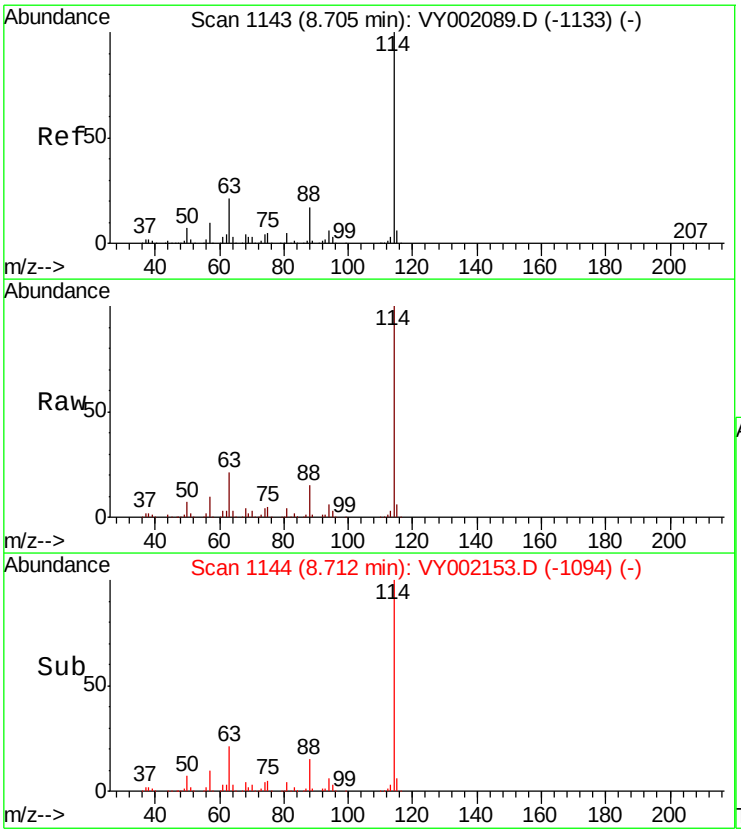
#33
1,2-Dichloroethane-d4
Concen: 57.449 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 80050

Ion	Ratio	Lower	Upper
65	100		
67	57.1	0.0	112.8

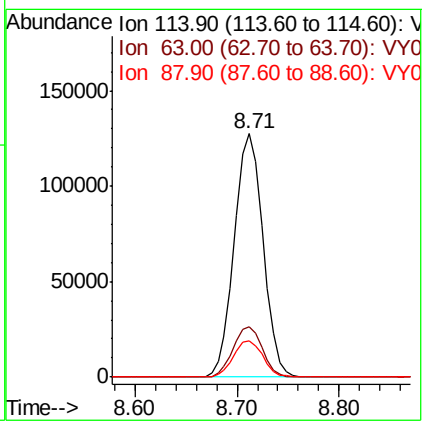


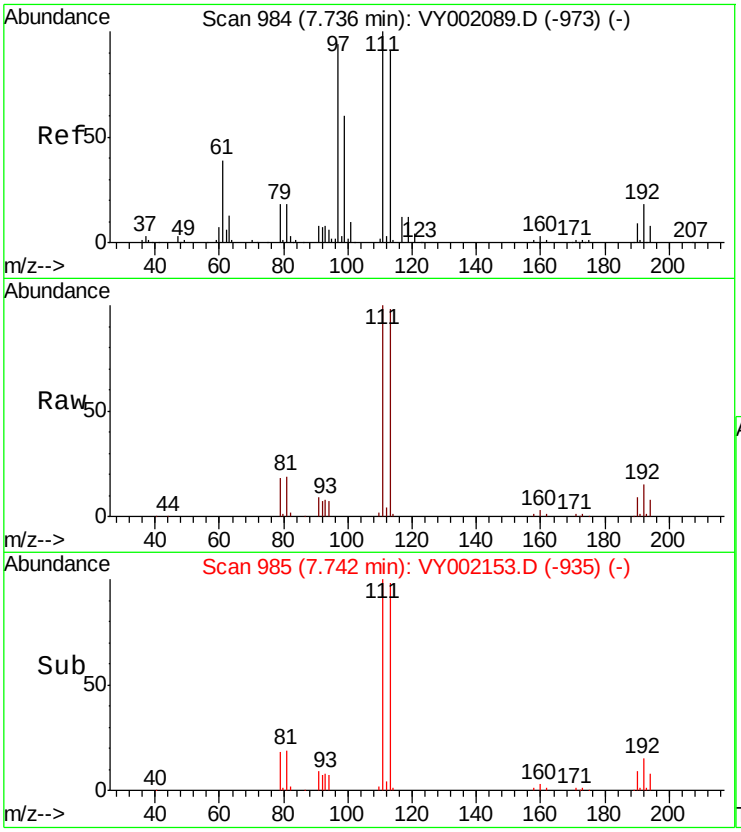


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Tgt Ion:114 Resp: 249246

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.4
88	15.0	0.0	33.0



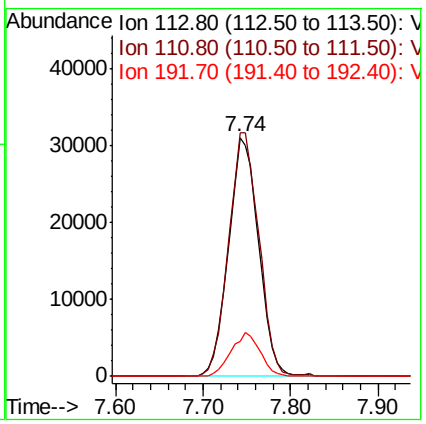


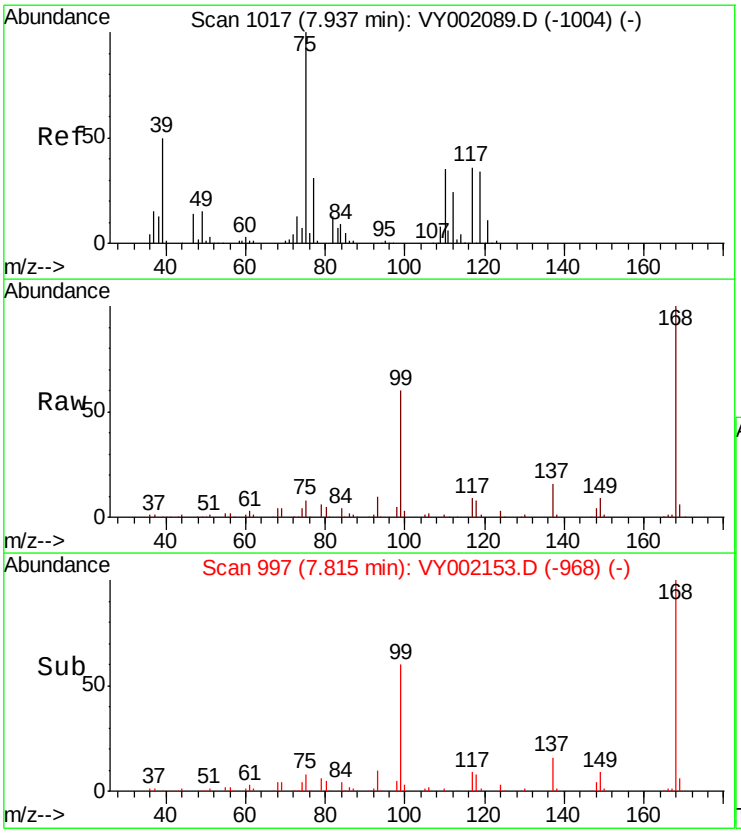
#35
Dibromofluoromethane
Concen: 53.144 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 74219

Ion	Ratio	Lower	Upper
113	100		
111	102.6	84.4	126.6
192	17.9	14.6	21.8

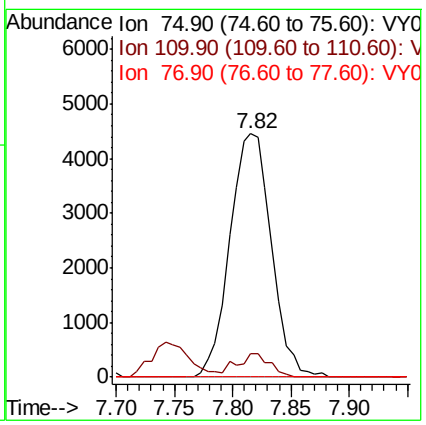


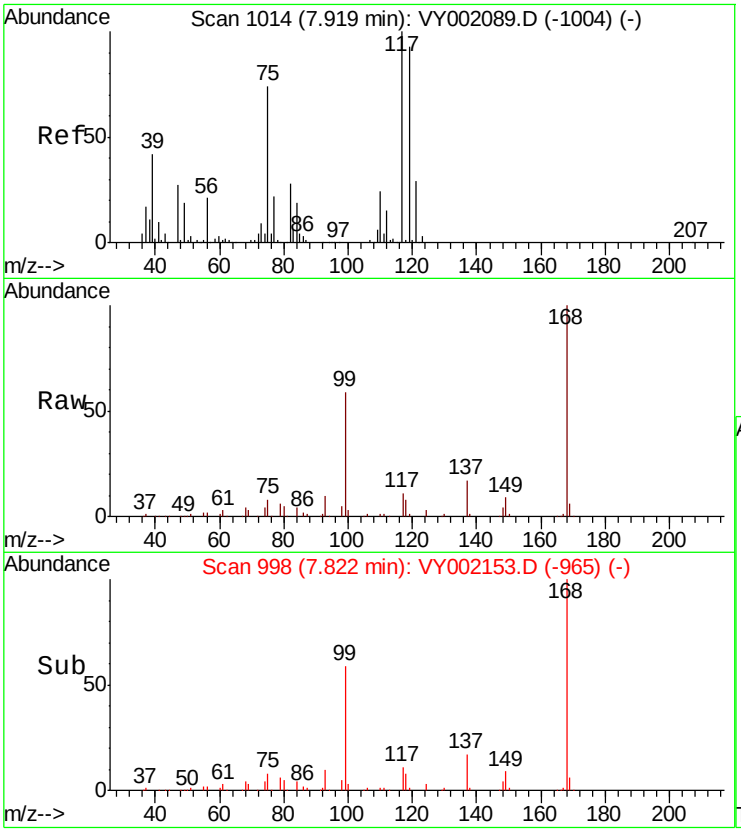


#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.12 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Tgt Ion: 75 Resp: 11019

Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.2	51.6#
77	0.0	24.7	37.1#



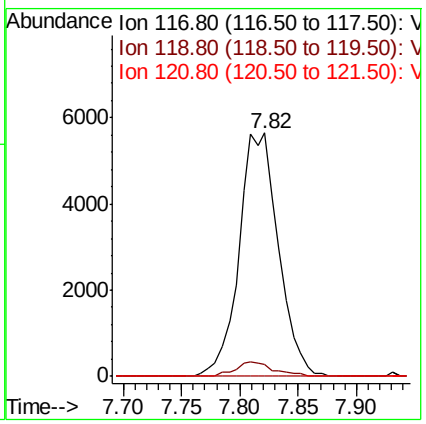


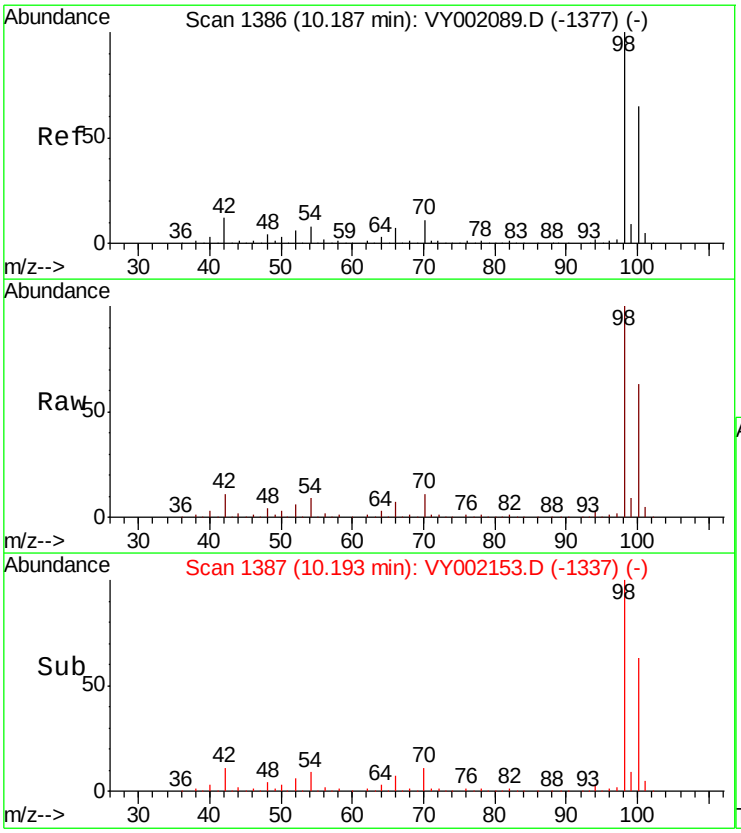
#38
Carbon Tetrachloride
Concen: 6.635 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 13272

Ion	Ratio	Lower	Upper
117	100		
119	4.8	74.3	111.5#
121	0.0	23.3	34.9#

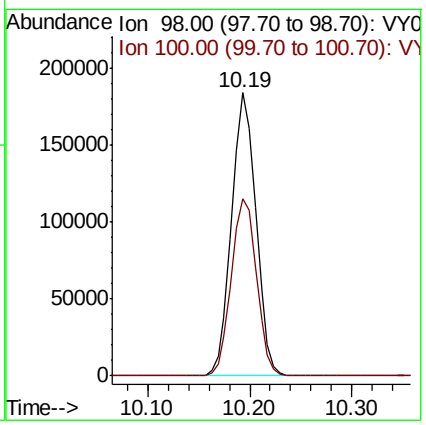


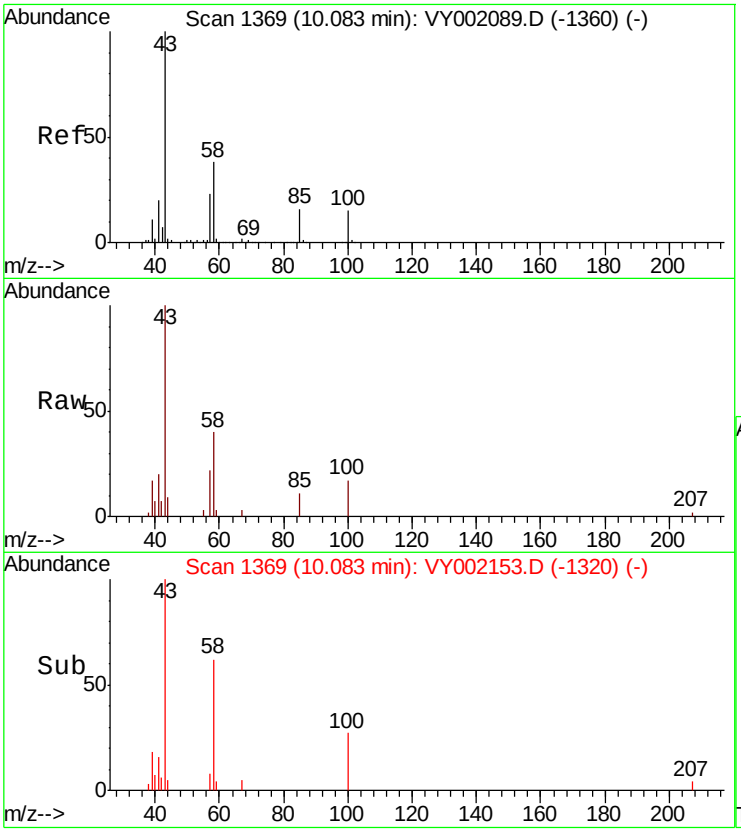


#50
Toluene-d8
Concen: 52.310 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Tgt Ion: 98 Resp: 303487

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4



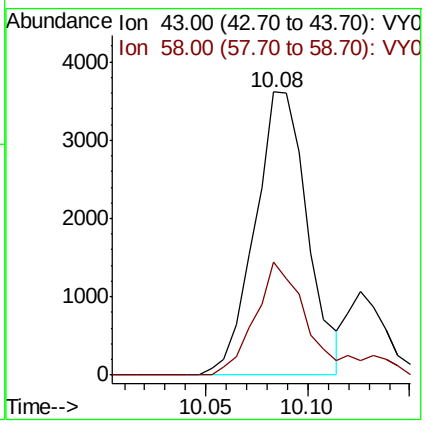


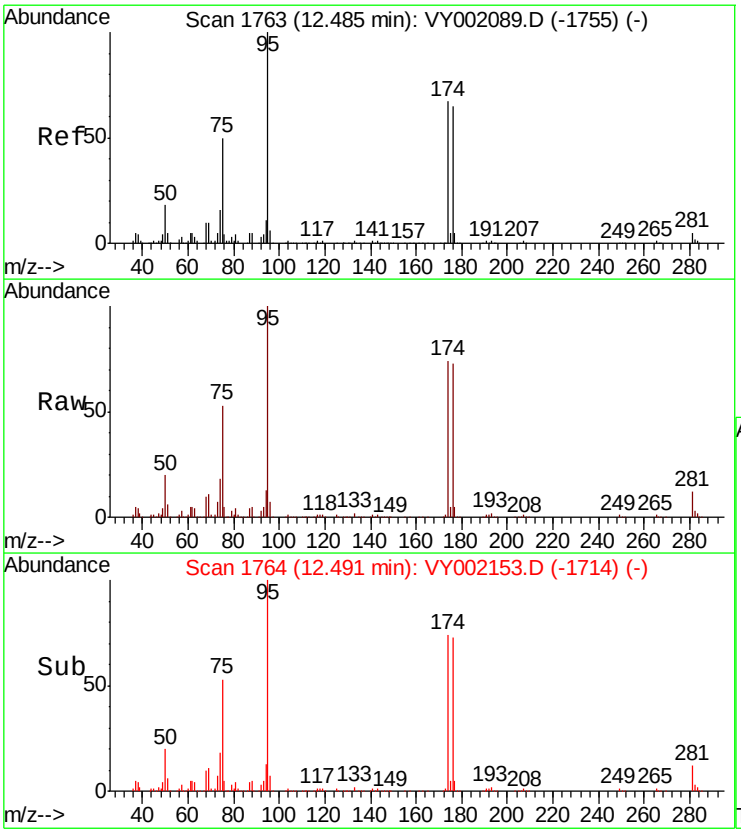
#51
4-Methyl-2-Pentanone
Concen: 4.770 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 6495

Ion	Ratio	Lower	Upper
43	100		
58	42.8	31.6	47.4

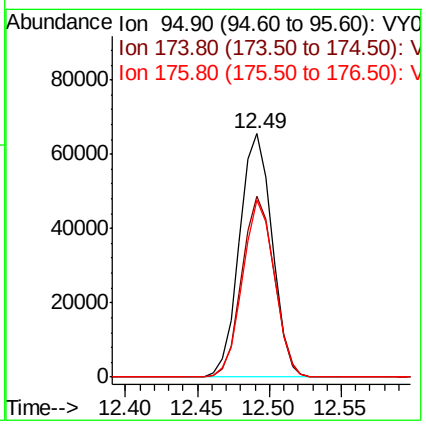


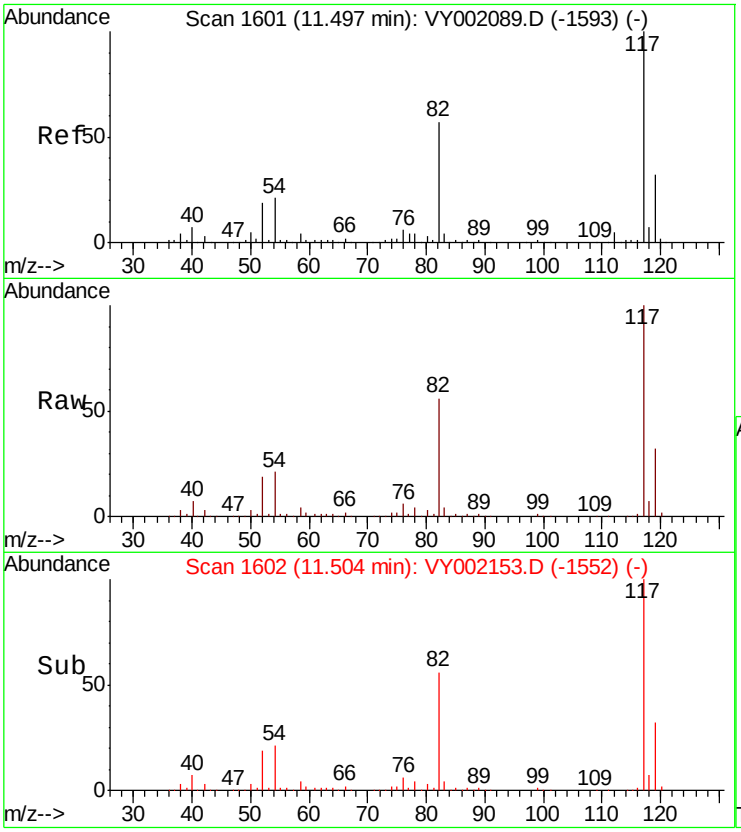


#62
4-Bromofluorobenzene
Concen: 50.799 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Tgt Ion: 95 Resp: 103072

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	143.4
176	70.8	0.0	137.0



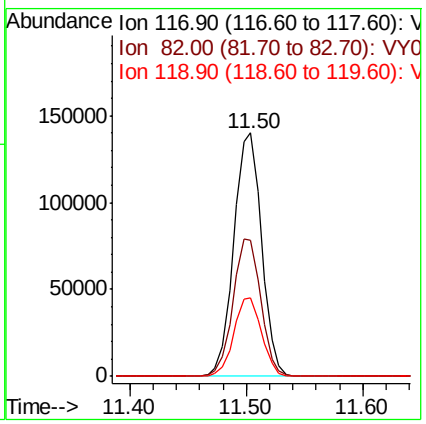


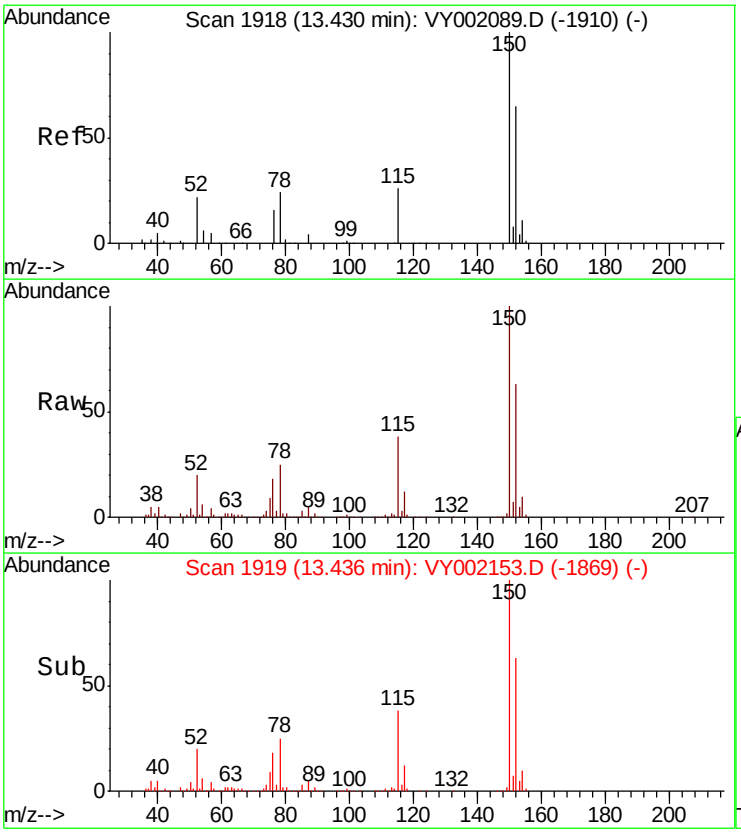
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 232295

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.4	68.2
119	32.0	25.3	37.9

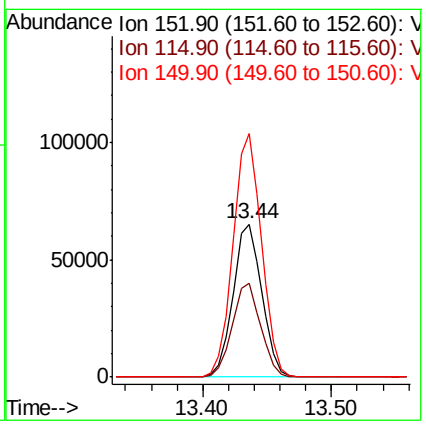


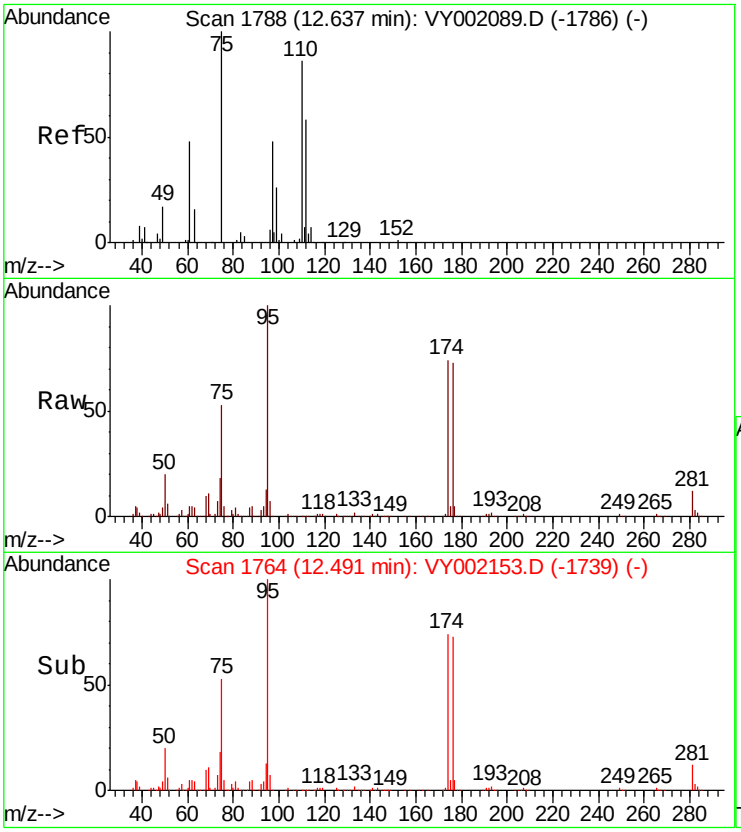


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Tgt Ion:152 Resp: 100418

Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.2	93.6
150	158.0	0.0	354.8



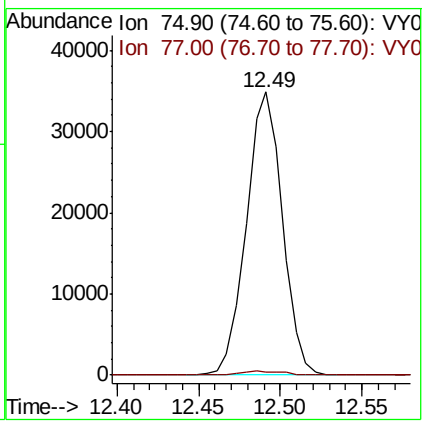


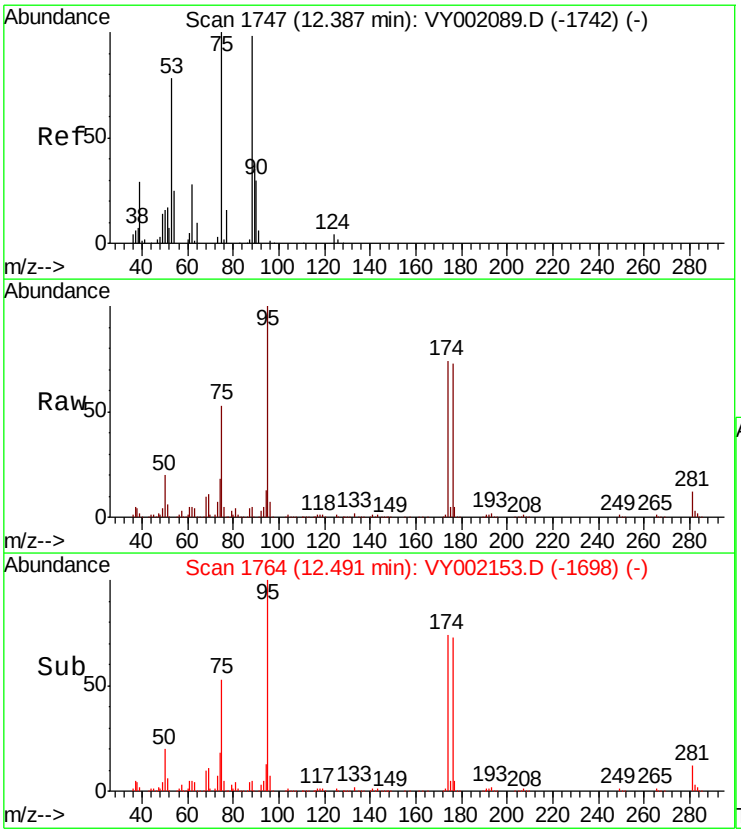
#76
1,2,3-Trichloropropane
Concen: 47.739 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 53624

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.488 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY002153.D
Acq: 01 Apr 2020 11:24

Tgt Ion: 75 Resp: 53624

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.0	97.4#
89	0.3	33.4	50.0#