Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030920\
Data File : VY001905.D
Acq On : 09 Mar 2020 12:25
Operator : SY/MD
Sample : VY0309SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY0309SBL01

Quant Time: Mar 10 11:52:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	154631	50.00	ug/l		-0.01
34) 1,4-Difluorobenzene	8.70	114	290406	50.00	ug/l		-0.01
63) Chlorobenzene-d5	11.49	117	263790	50.00	ug/l		-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	114161	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	87171	52.81	ug/l		-0.02
Spiked Amount 50.000			Recovery = 105.62%				
35) Dibromofluoromethane	7.73	113	85855	54.14	ug/l		-0.02
Spiked Amount 50.000			Recovery = 108.28%				
50) Toluene-d8	10.19	98	354551	53.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.04%				
62) 4-Bromofluorobenzene	12.49	95	119047	51.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.40%				
Target Compounds							Qvalue
3) Chloromethane	2.12	50	2653	1.38	ug/l		93
5) Bromomethane	2.66	94	262	Below Cal		#	55
11) Tert butyl alcohol	4.94	59	1300	Below Cal		#	79
16) Acetone	3.97	43	1416	2.95	ug/l		90
20) Methylene Chloride	4.73	84	5188	2.52	ug/l		97
25) 2-Butanone	6.99	43	1644	2.25	ug/l	#	78
31) Cyclohexane	7.80	56	3813	1.05	ug/l	#	1
36) 1,1-Dichloropropene	7.80	75	13483	4.82	ug/l	#	49
38) Carbon Tetrachloride	7.80	117	15565	6.52	ug/l	#	17
51) 4-Methyl-2-Pentanone	10.08	43	5851	3.69	ug/l		95
58) 2-Chloroethyl Vinyl ether	9.79	63	25	Below Cal		#	48
76) 1,2,3-Trichloropropane	12.49	75	59775	44.13	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.49	75	59775	89.14	ug/l	#	17

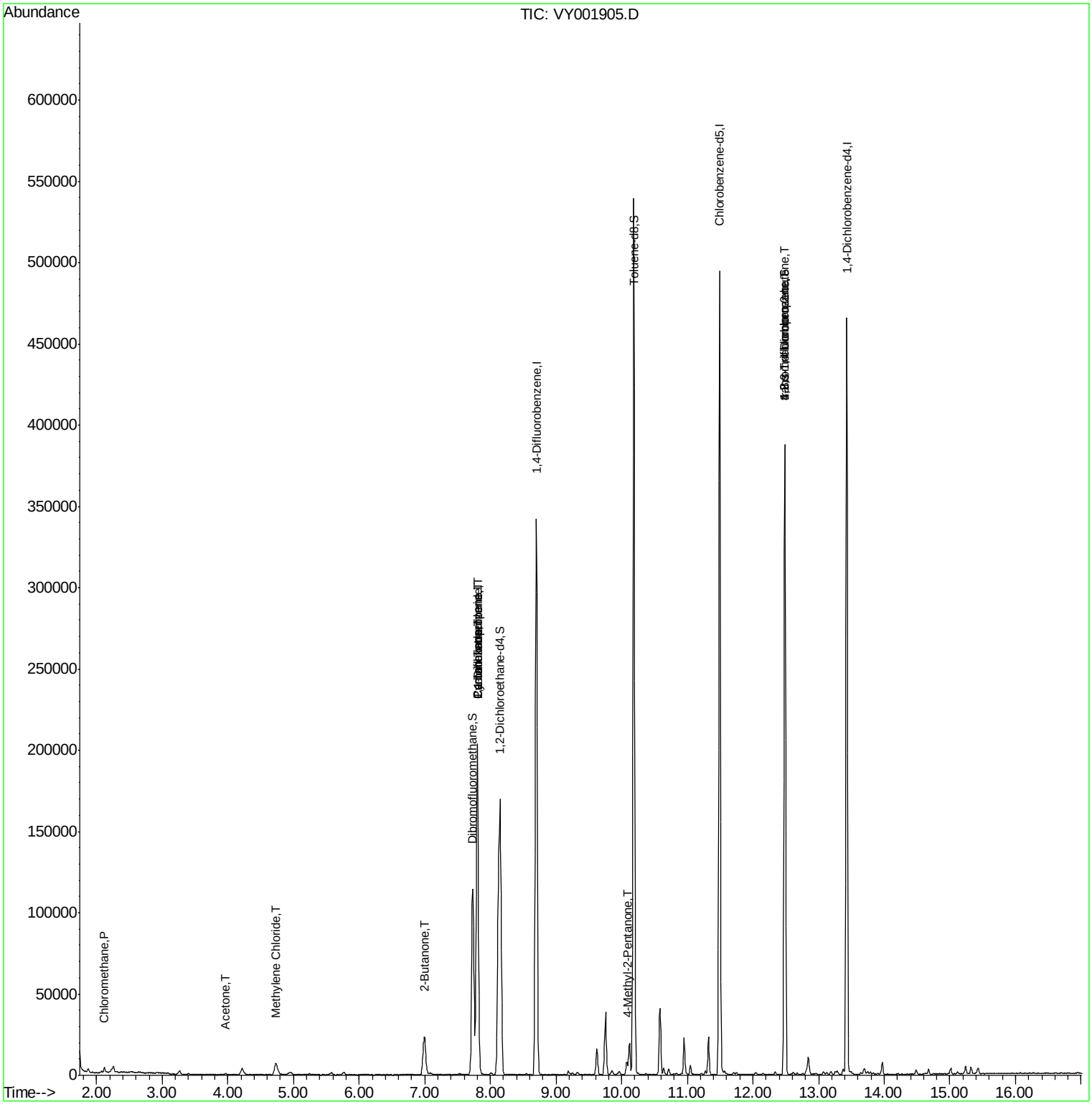
(#) = qualifier out of range (m) = manual integration (+) = signals summed

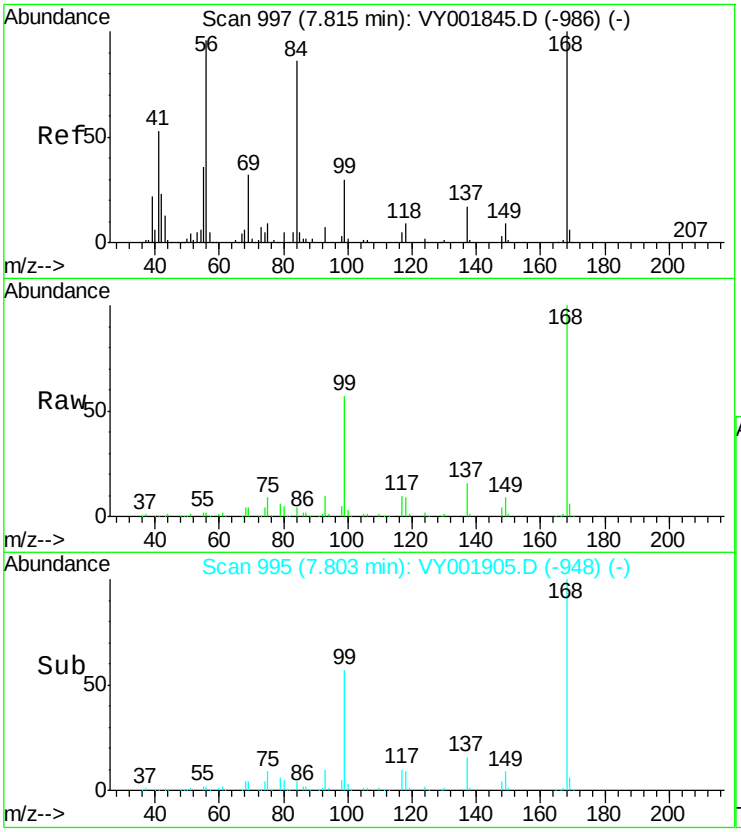
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030920\
Data File : VY001905.D
Acq On : 09 Mar 2020 12:25
Operator : SY/MD
Sample : VY0309SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

Quant Time: Mar 10 11:52:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration



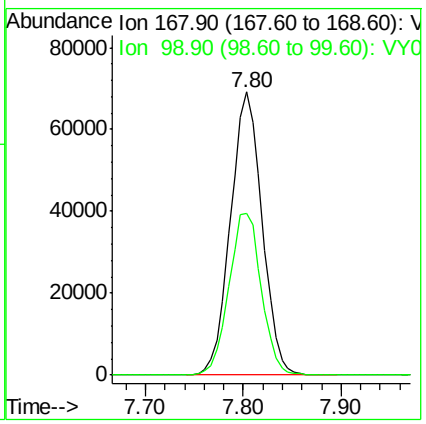


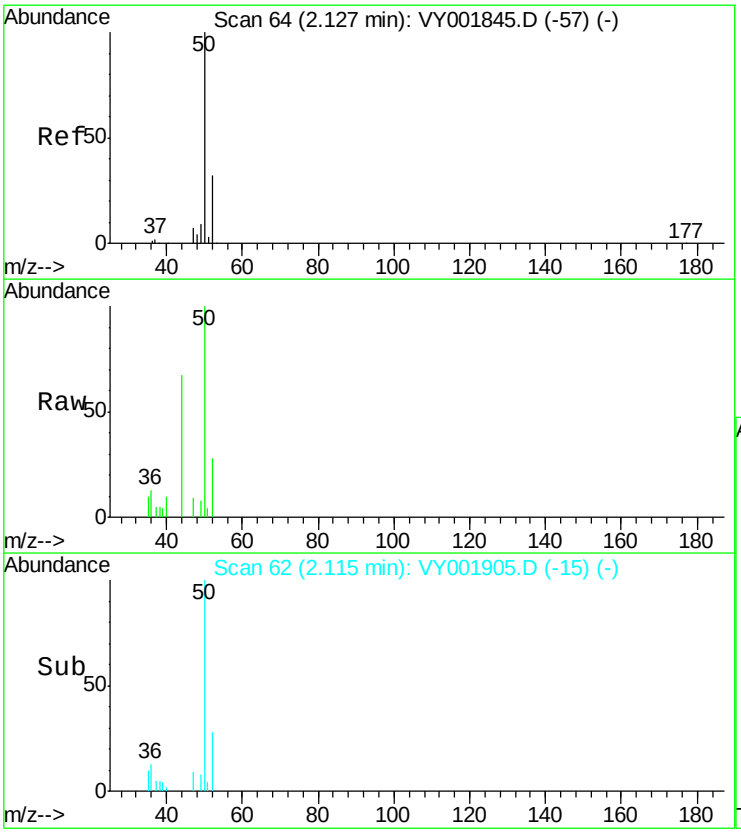
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

Tgt Ion:168 Resp: 154631

Ion	Ratio	Lower	Upper
168	100		
99	57.3	46.7	70.1

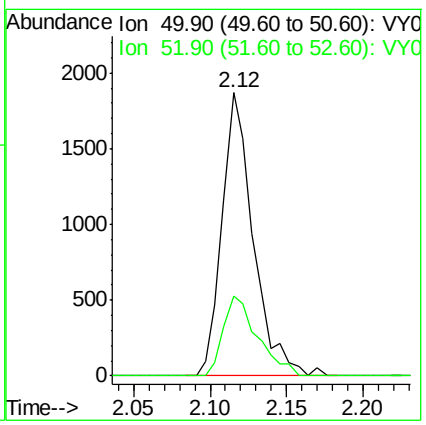


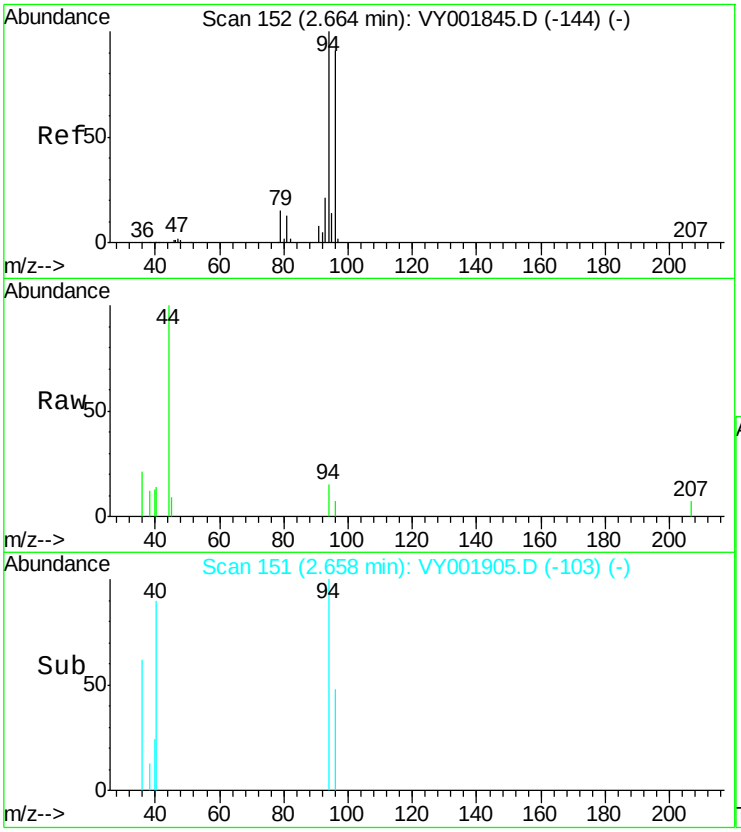


#3
Chloromethane
Concen: 1.38 ug/l
RT: 2.12 min Scan# 62
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Tgt Ion: 50 Resp: 2653

Ion	Ratio	Lower	Upper
50	100		
52	28.4	25.8	38.6



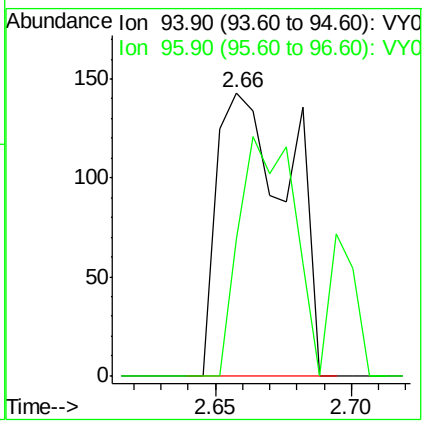


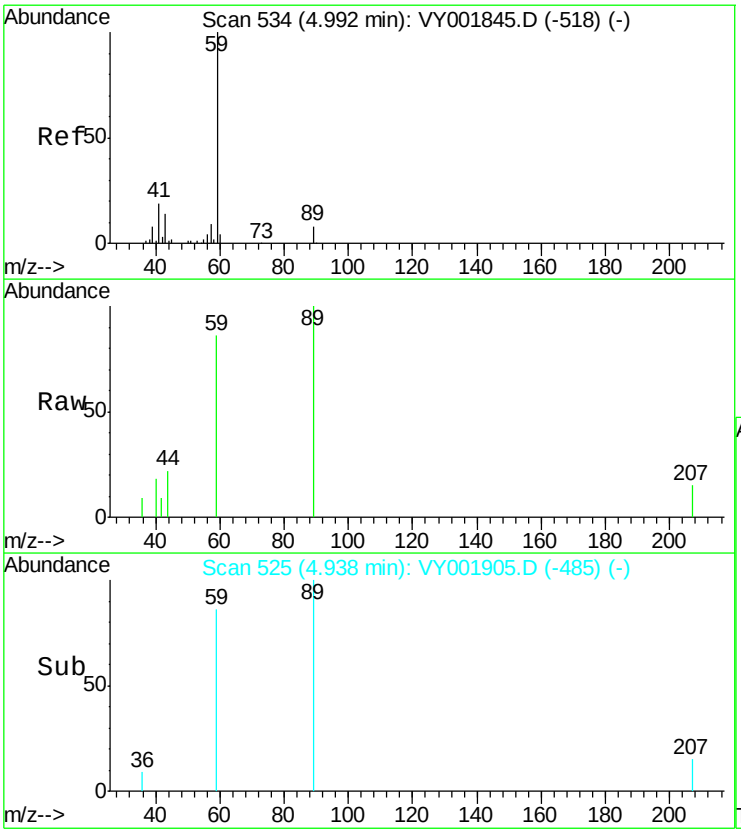
#5
Bromomethane
Concen: Below Cal
RT: 2.66 min Scan# 151
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

Tgt Ion: 94 Resp: 262

Ion	Ratio	Lower	Upper
94	100		
96	48.3	73.2	109.8#

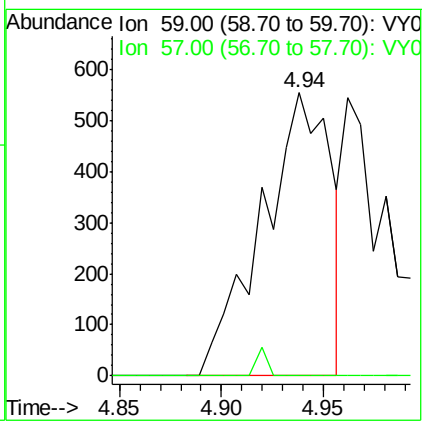


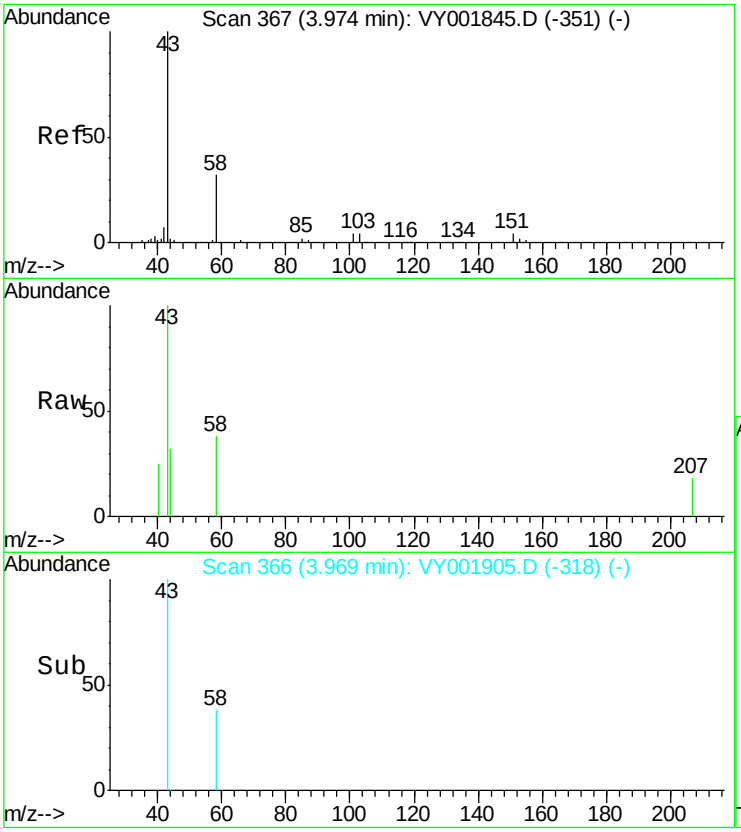


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.94 min Scan# 525
Delta R.T. -0.05 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Tgt Ion: 59 Resp: 1300

Ion	Ratio	Lower	Upper
59	100		
57	1.5	7.4	11.2#



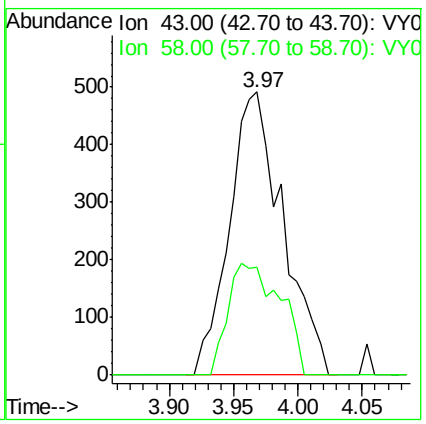


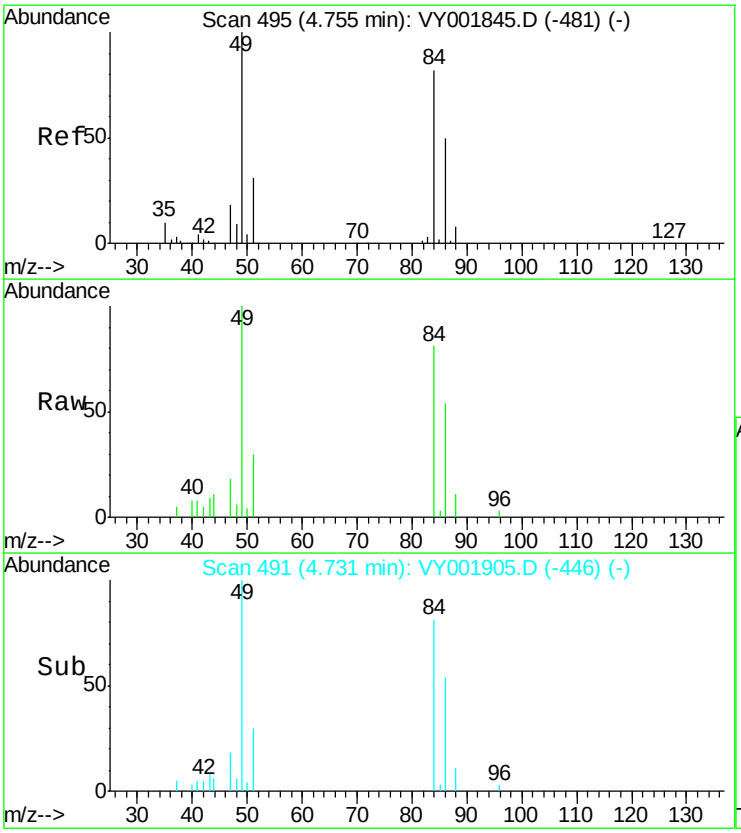
#16
Acetone
Concen: 2.95 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

Tgt Ion: 43 Resp: 1416

Ion	Ratio	Lower	Upper
43	100		
58	38.0	25.9	38.9

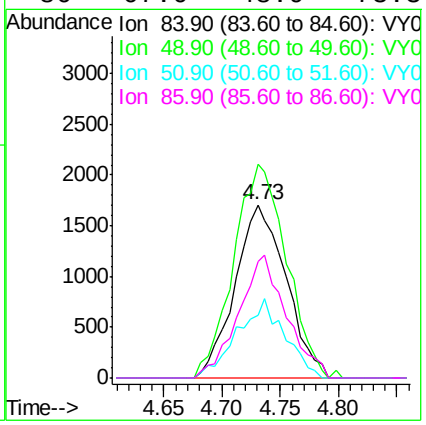


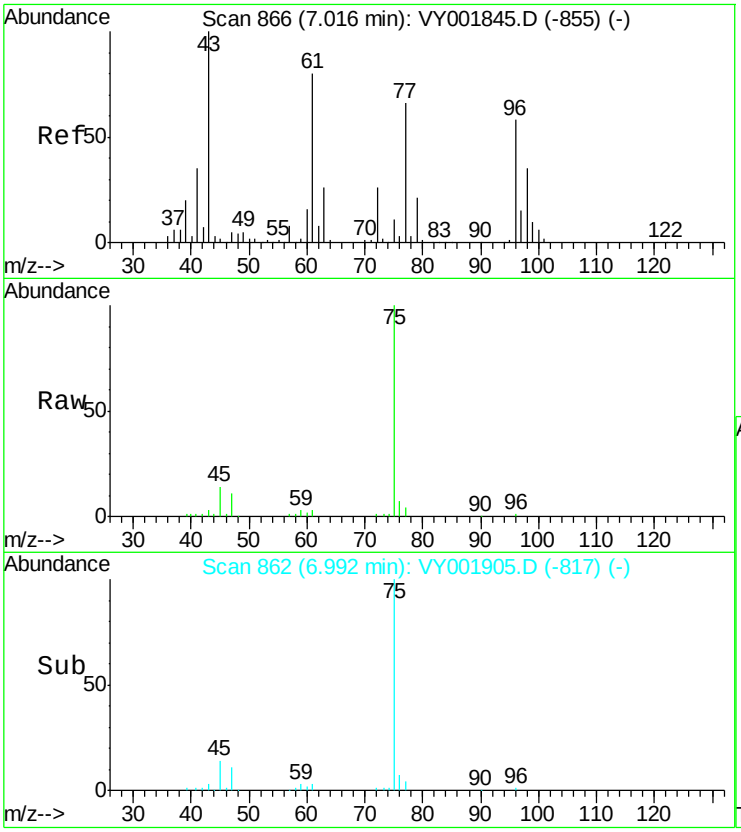


#20
Methylene Chloride
Concen: 2.52 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Tgt Ion: 84 Resp: 5188

Ion	Ratio	Lower	Upper
84	100		
49	123.2	98.2	147.2
51	36.4	30.2	45.2
86	67.0	48.9	73.3



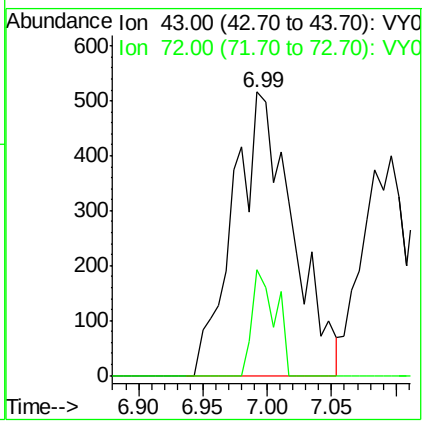


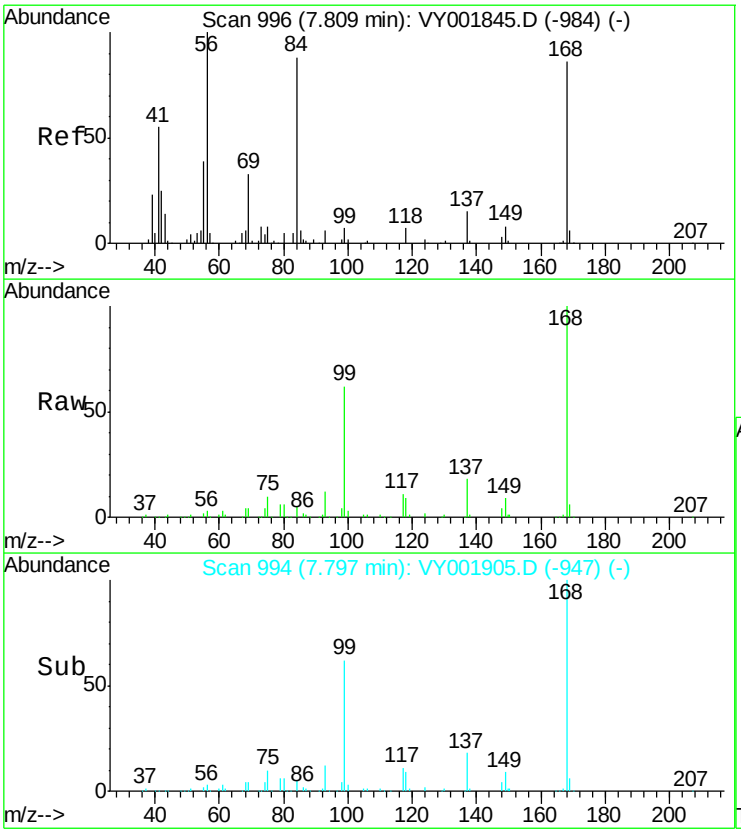
#25
2-Butanone
Concen: 2.25 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

Tgt Ion: 43 Resp: 1644

Ion	Ratio	Lower	Upper
43	100		
72	37.4	20.9	31.3#

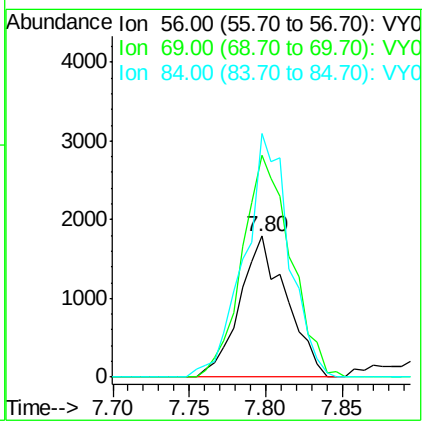


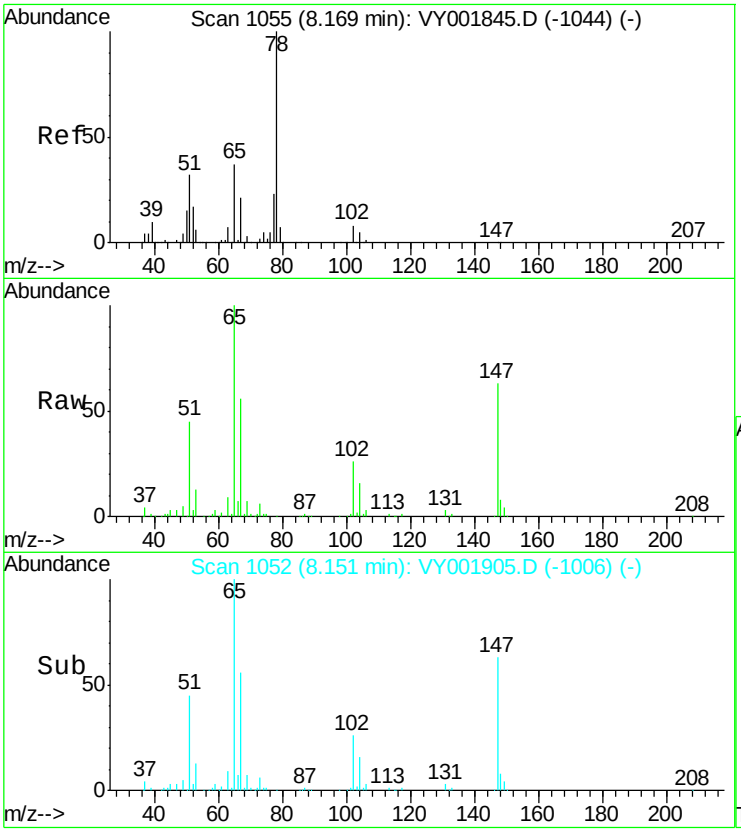


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Tgt Ion: 56 Resp: 3813

Ion	Ratio	Lower	Upper
56	100		
69	157.6	26.7	40.1#
84	172.6	70.4	105.6#



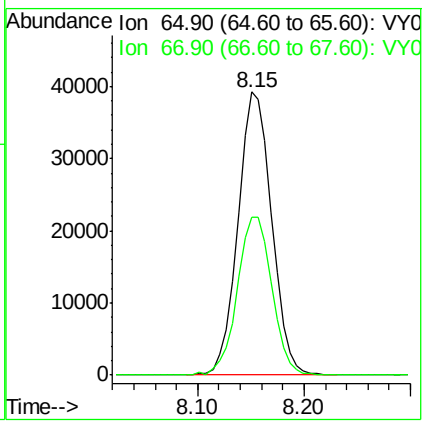


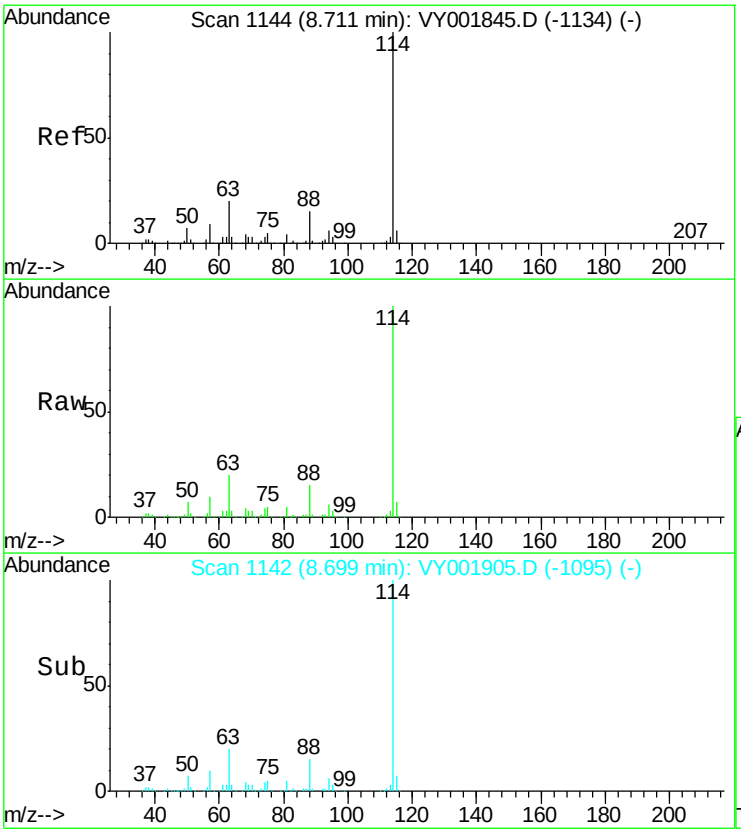
#33
1,2-Dichloroethane-d4
Concen: 52.81 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

Tgt Ion: 65 Resp: 87171

Ion	Ratio	Lower	Upper
65	100		
67	57.5	0.0	110.8

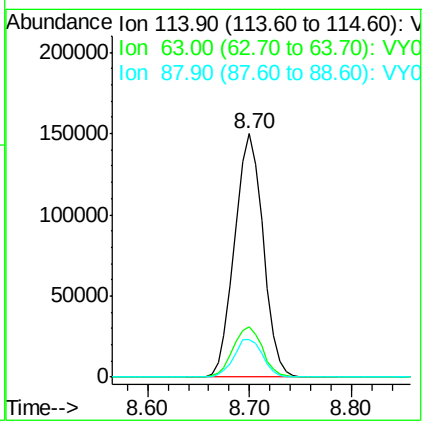


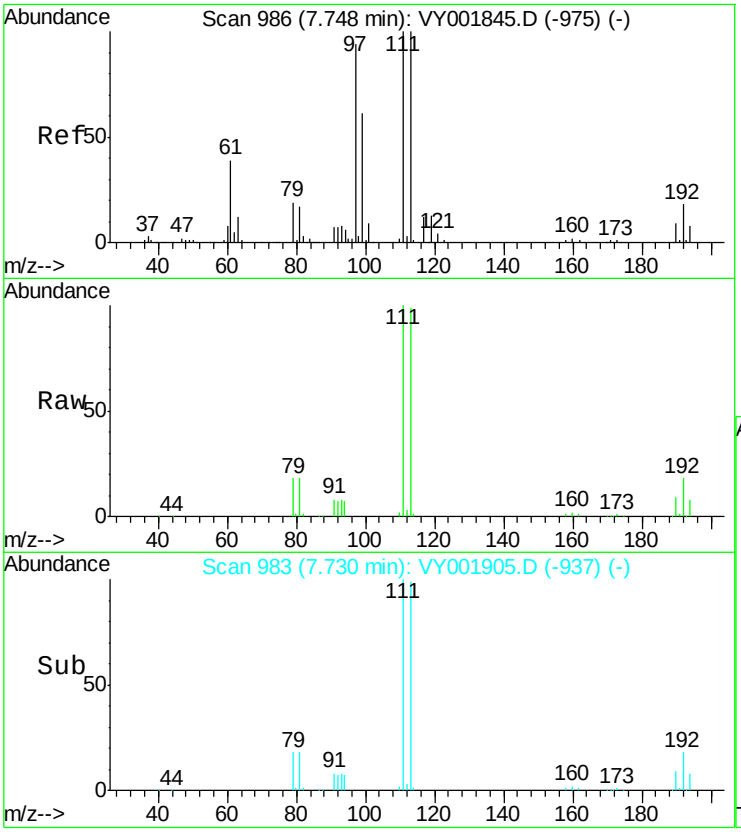


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Tgt Ion:114 Resp: 290406

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.4
88	15.2	0.0	30.4



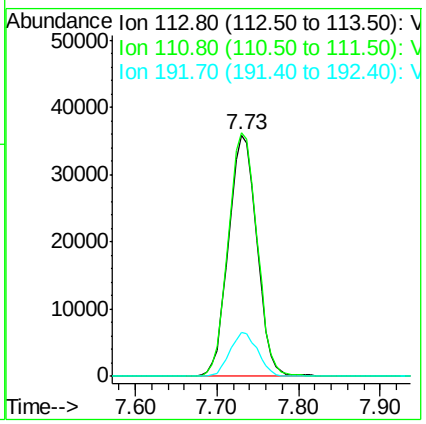


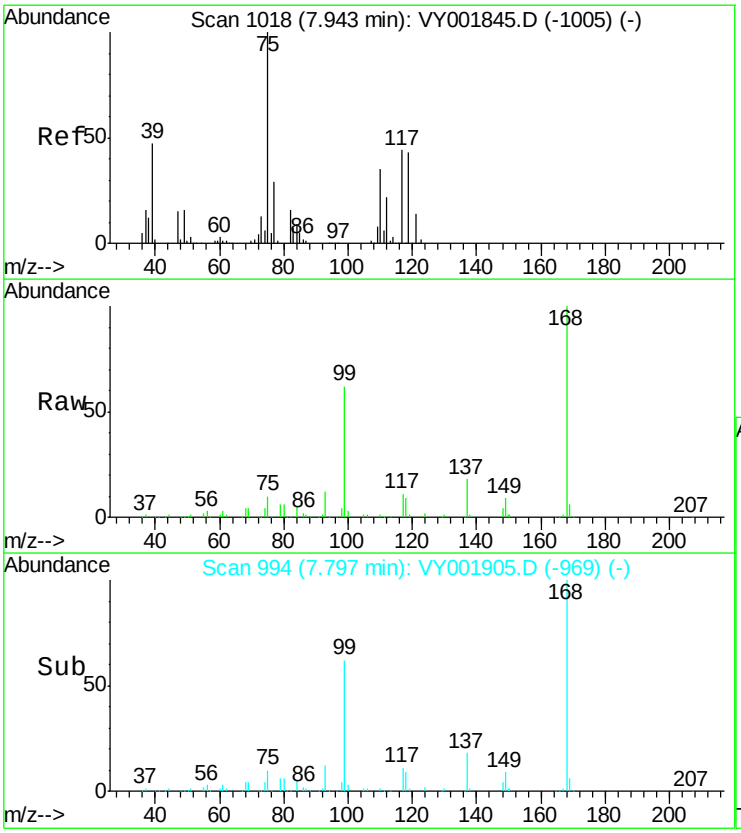
#35
Dibromofluoromethane
Concen: 54.14 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.02 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

Tgt Ion:113 Resp: 85855

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	17.8	14.2	21.2

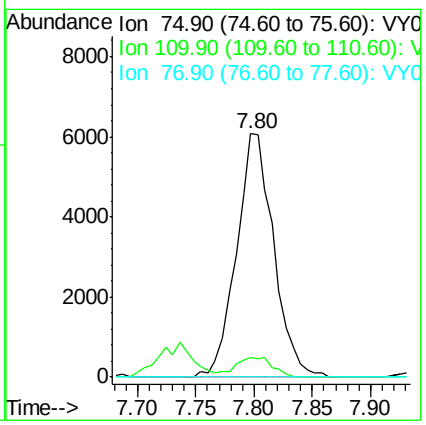


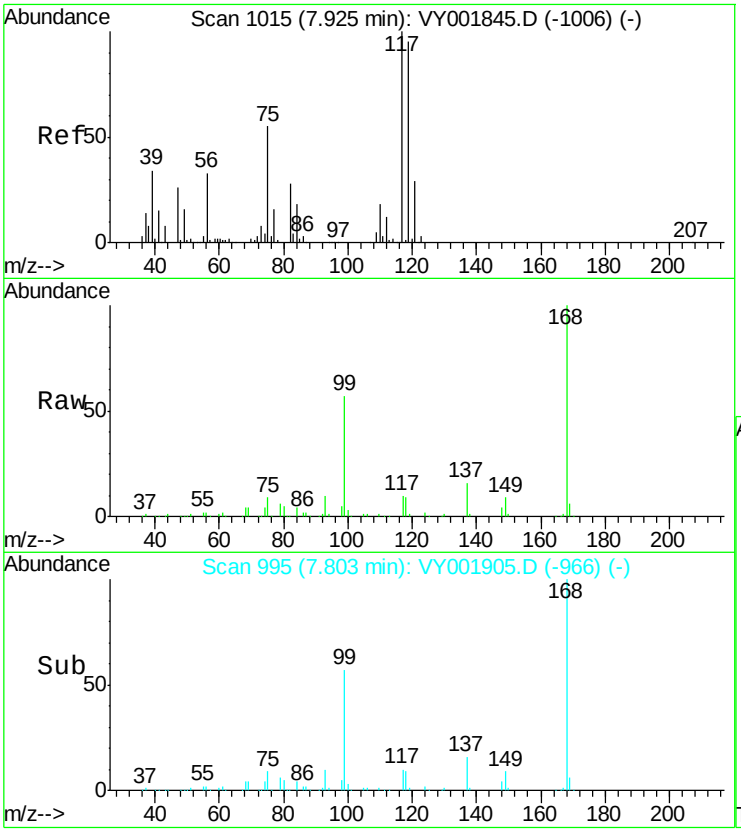


#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.15 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Tgt Ion: 75 Resp: 13483

Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.4	52.2#
77	0.0	24.2	36.2#



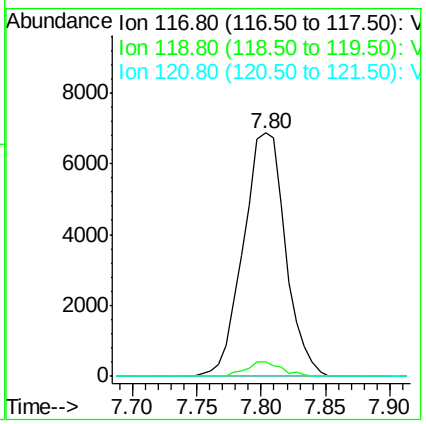


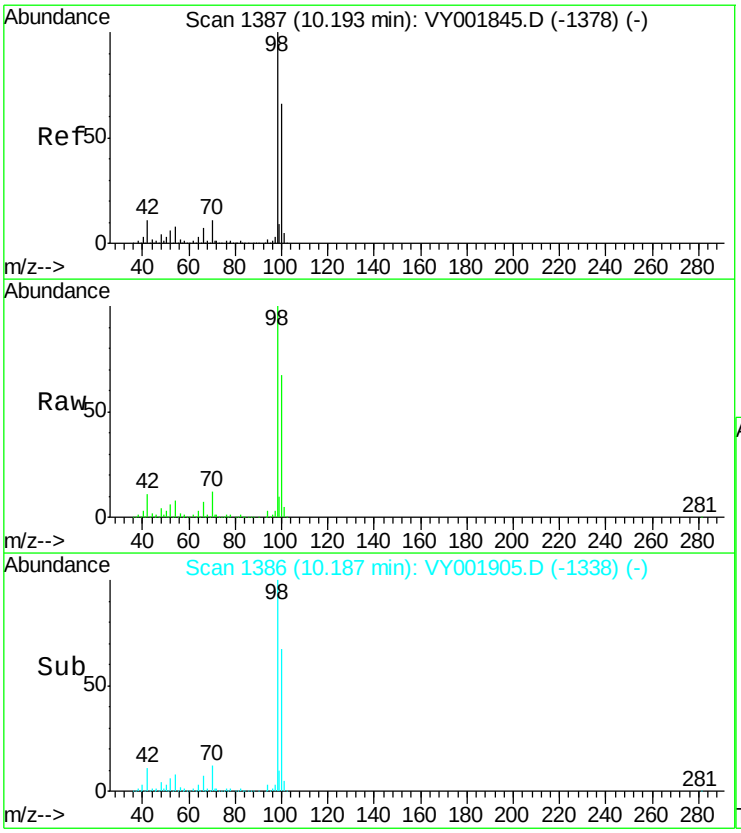
#38
Carbon Tetrachloride
Concen: 6.52 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Instrument : MSVOA_Y
ClientSampleId : VY0309SBL01

Tgt Ion:117 Resp: 15565

Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.3	114.5#
121	0.0	23.5	35.3#

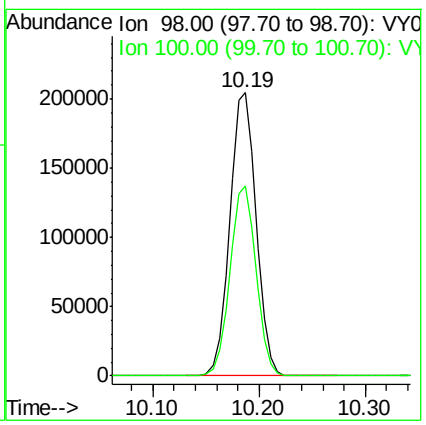


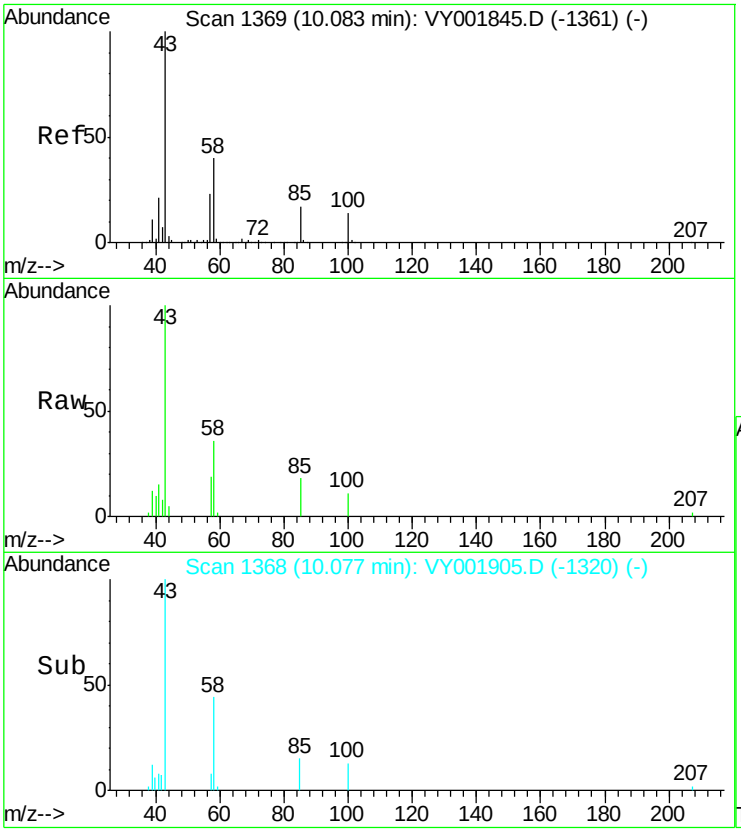


#50
Toluene-d8
Concen: 53.02 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Tgt Ion: 98 Resp: 354551

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4



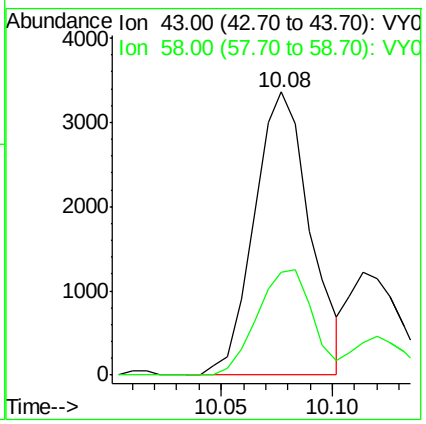


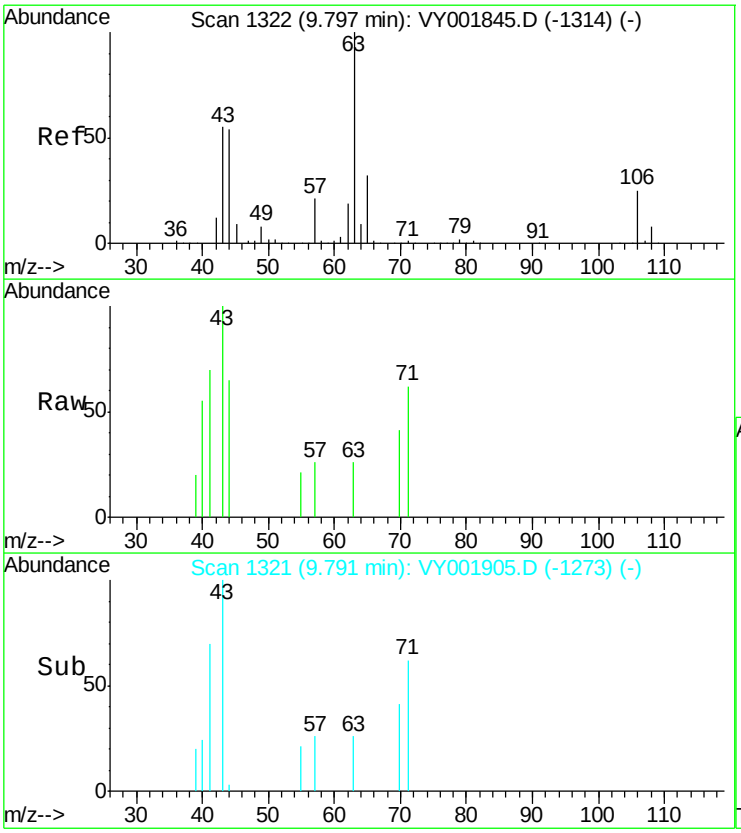
#51
4-Methyl-2-Pentanone
Concen: 3.69 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Instrument : MSVOA_Y
ClientSampleId : VY0309SBL01

Tgt Ion: 43 Resp: 5851

Ion	Ratio	Lower	Upper
43	100		
58	36.8	32.0	48.0

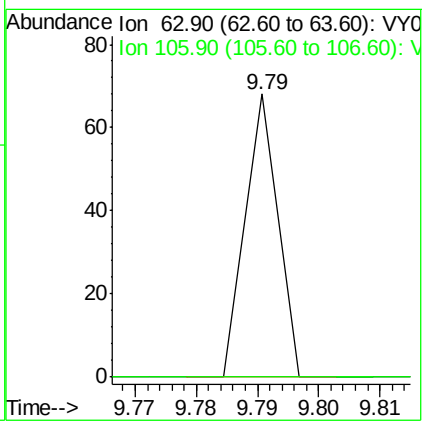


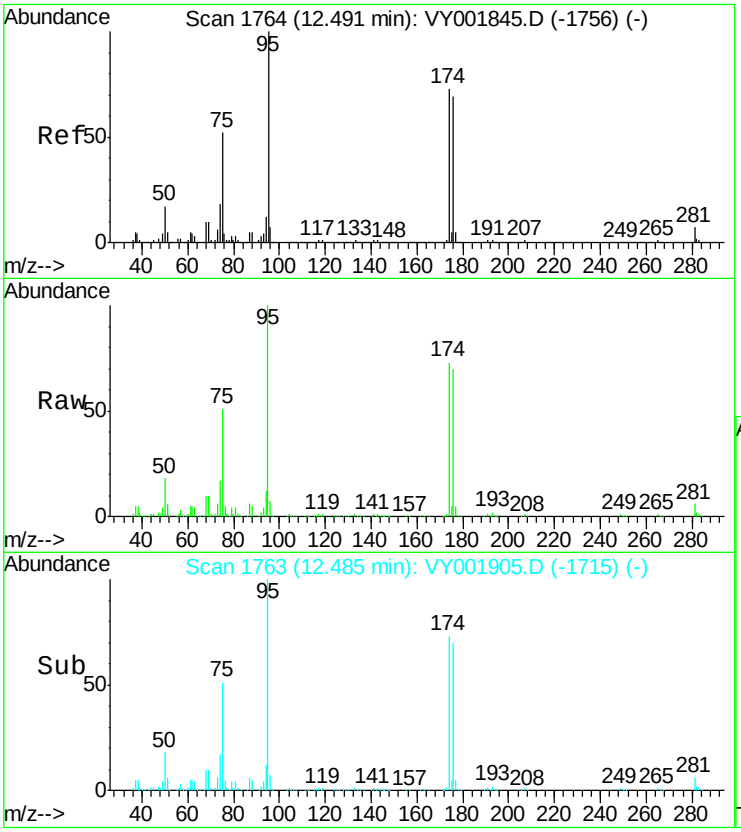


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.79 min Scan# 1321
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Tgt Ion: 63 Resp: 25

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.3	31.9#



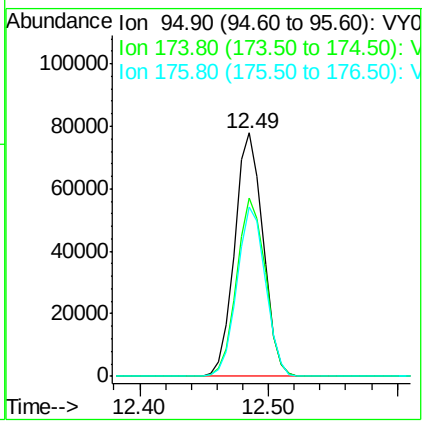


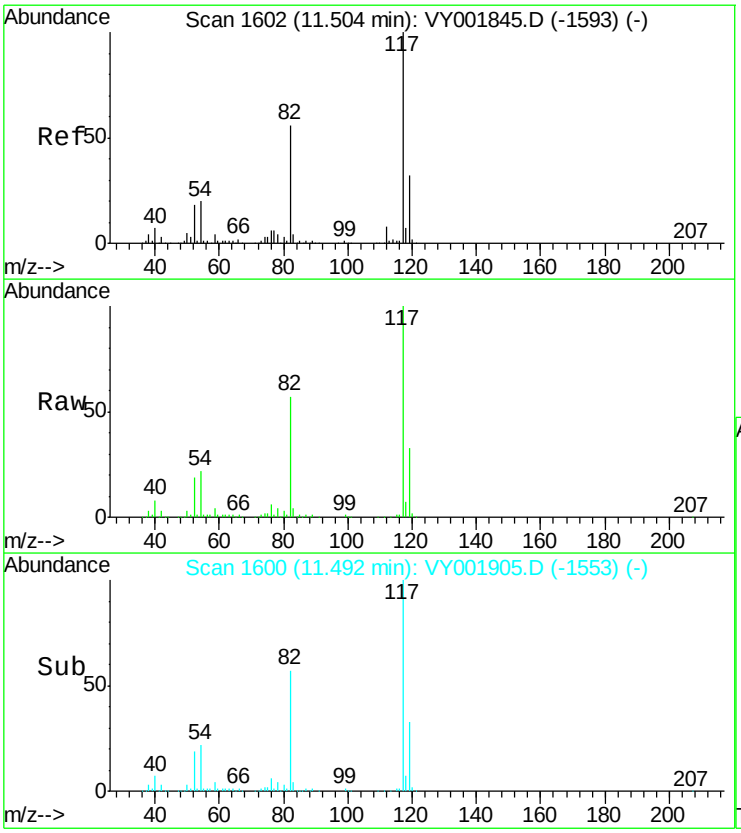
#62
4-Bromofluorobenzene
Concen: 51.20 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

Tgt Ion: 95 Resp: 119047

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	145.0
176	69.6	0.0	137.4

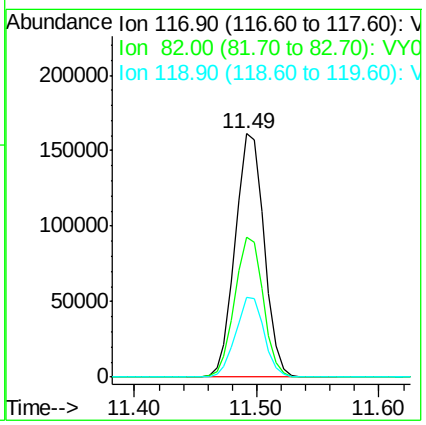


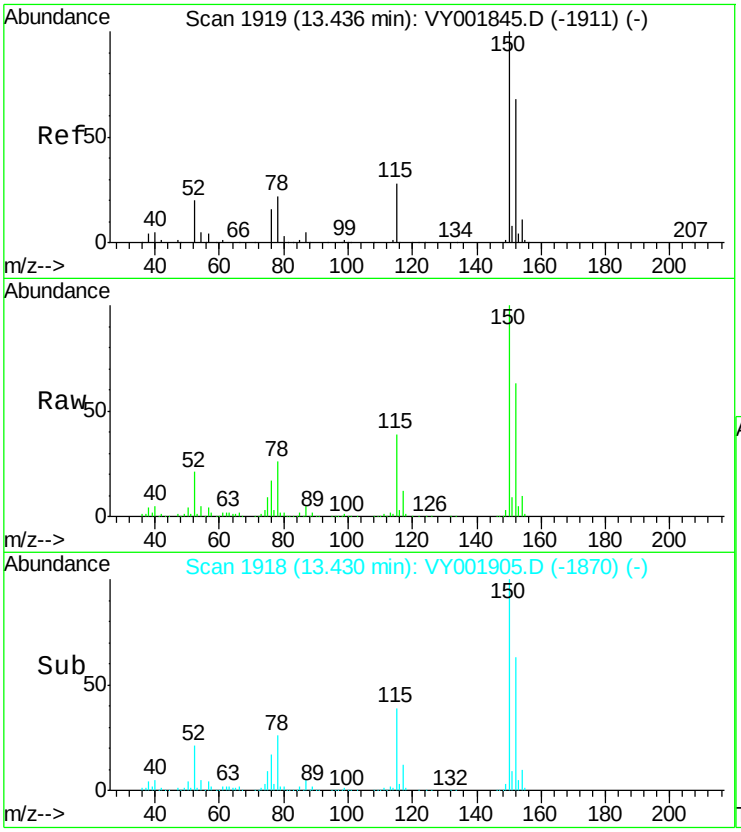


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Tgt Ion:117 Resp: 263790

Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.5	66.7
119	32.9	25.7	38.5



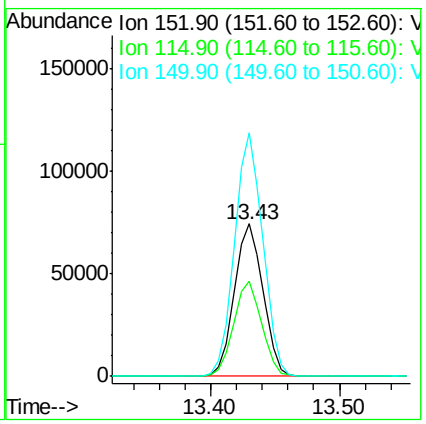


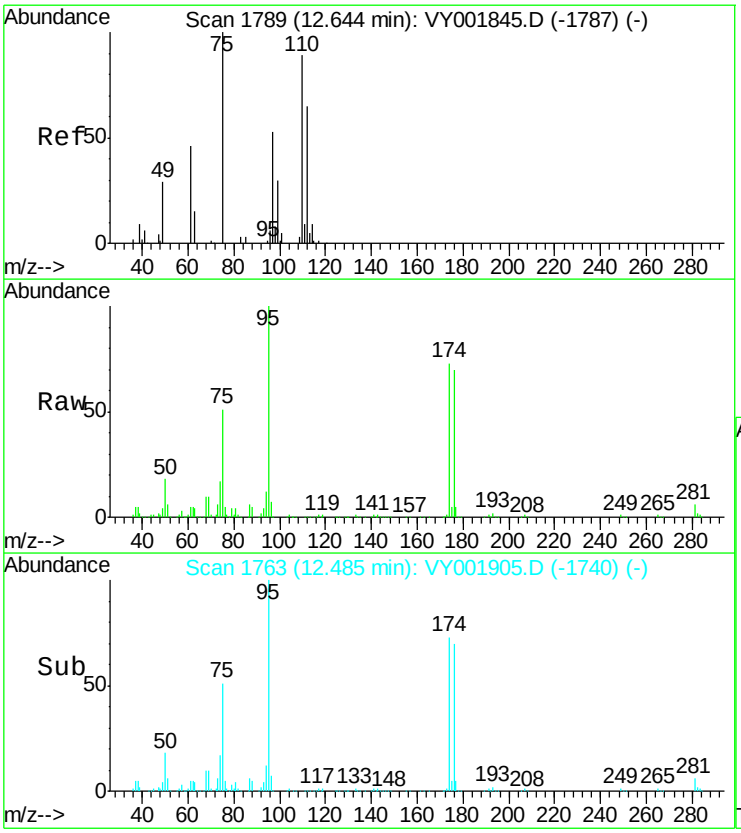
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Instrument : MSVOA_Y
ClientSampleId : VY0309SBL01

Tgt Ion:152 Resp: 114161

Ion	Ratio	Lower	Upper
152	100		
115	61.3	29.9	89.7
150	157.7	0.0	340.6

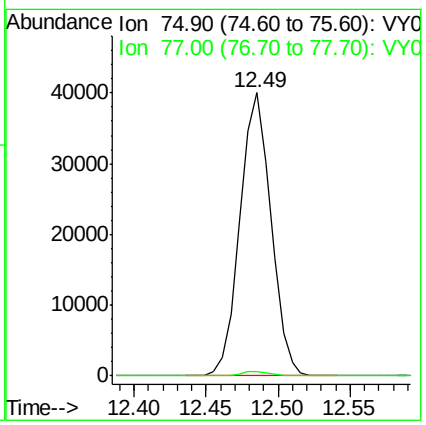


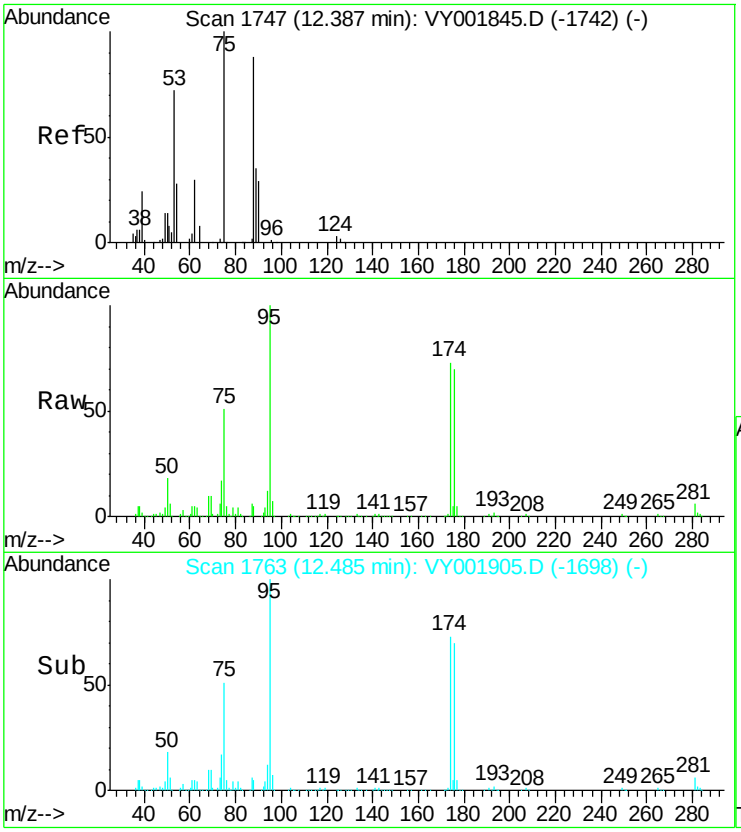


#76
1,2,3-Trichloropropane
Concen: 44.13 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.16 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Tgt Ion: 75 Resp: 59775

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.14 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

Tgt Ion: 75 Resp: 59775

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.4	98.0#
89	0.0	36.0	54.0#