Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
Data File : VY001173.D
Acq On : 13 Jan 2020 12:20
Operator : SY/MD
Sample : L1084-02RE
Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : AF-2

Quant Time: Jan 14 10:10:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	151785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	280189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	250775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	108447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	84368	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.26%			
35) Dibromofluoromethane	7.73	113	82568	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.66%			
50) Toluene-d8	10.18	98	331409	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.86%			
62) 4-Bromofluorobenzene	12.48	95	116770	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.38%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	3621	2.155	ug/l	95
11) Tert butyl alcohol	4.96	59	1047	6.491	ug/l #	93
16) Acetone	3.97	43	2988	8.026	ug/l	98
20) Methylene Chloride	4.73	84	7847	Below Cal		92
25) 2-Butanone	7.00	43	2572	4.439	ug/l #	83
29) Tetrahydrofuran	7.36	42	978	2.463	ug/l #	72
31) Cyclohexane	7.80	56	3180	1.026	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11425	4.474	ug/l #	48
38) Carbon Tetrachloride	7.80	117	14306	6.113	ug/l #	14
51) 4-Methyl-2-Pentanone	10.08	43	1639	1.127	ug/l	90
76) 1,2,3-Trichloropropane	12.48	75	56760	48.892	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	56760	82.910	ug/l #	6

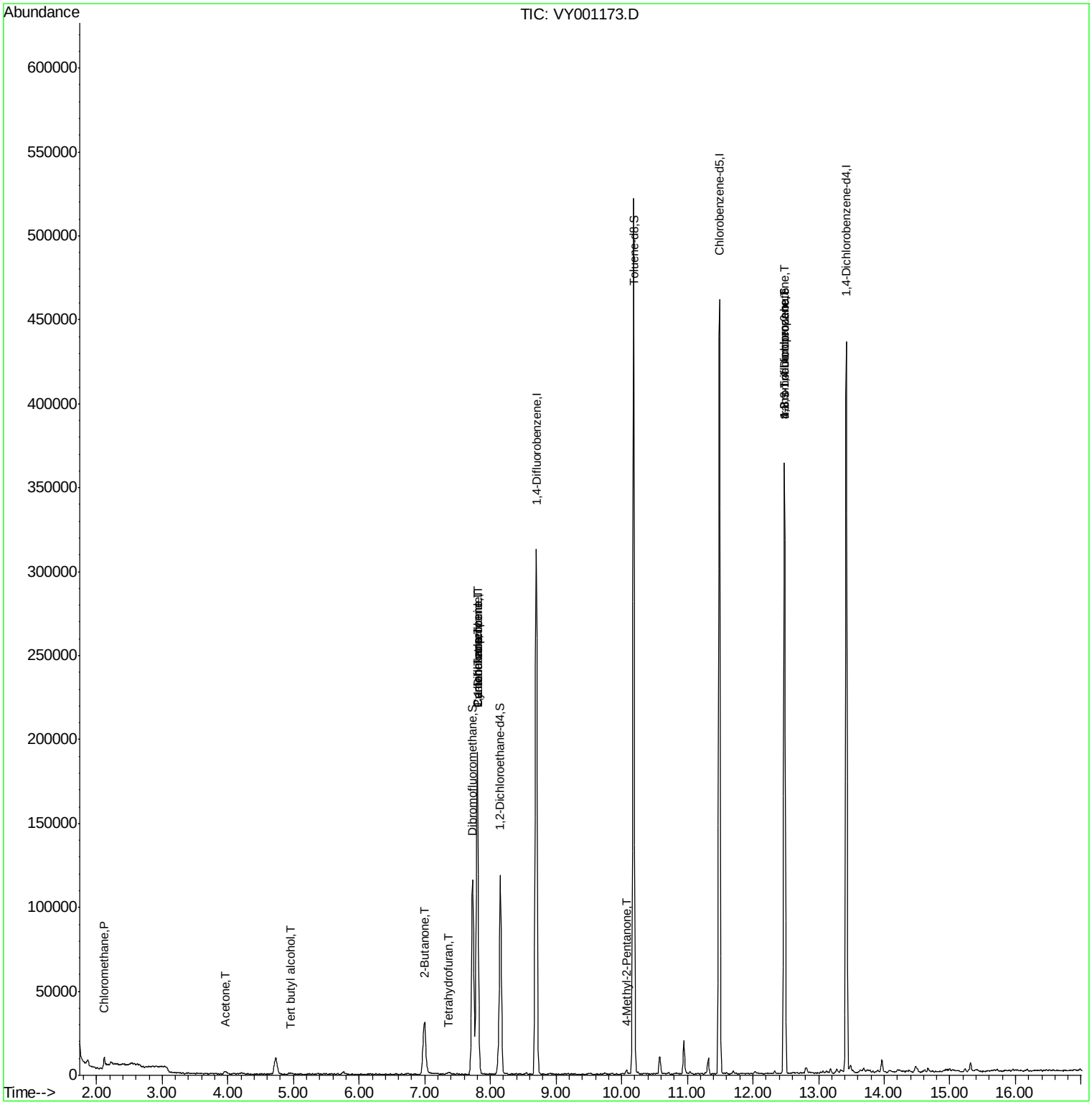
(#) = qualifier out of range (m) = manual integration (+) = signals summed

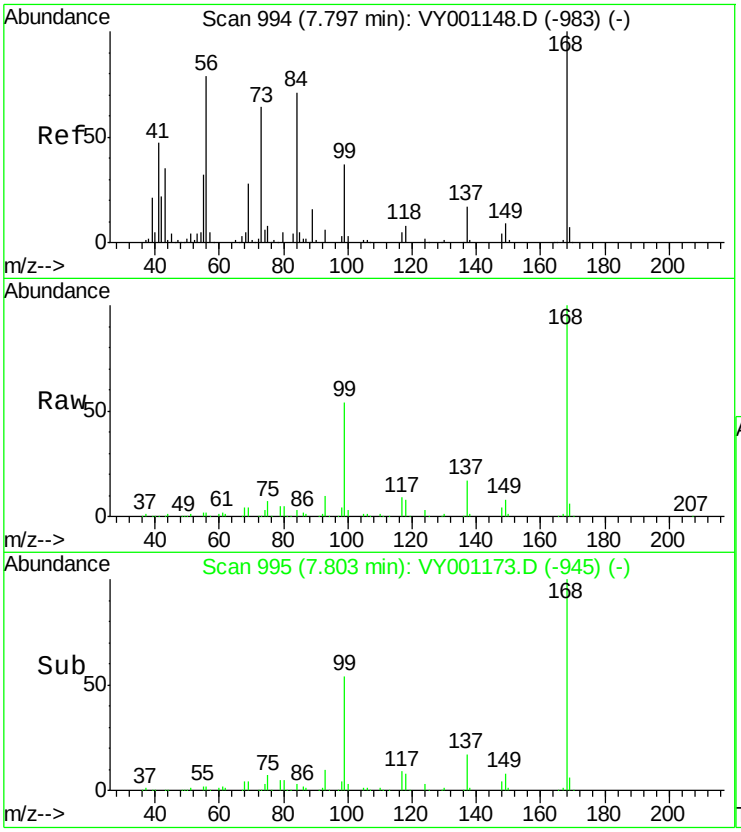
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
Data File : VY001173.D
Acq On : 13 Jan 2020 12:20
Operator : SY/MD
Sample : L1084-02RE
Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AF-2

Quant Time: Jan 14 10:10:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration



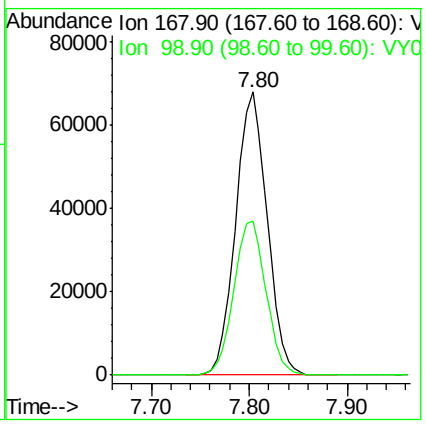


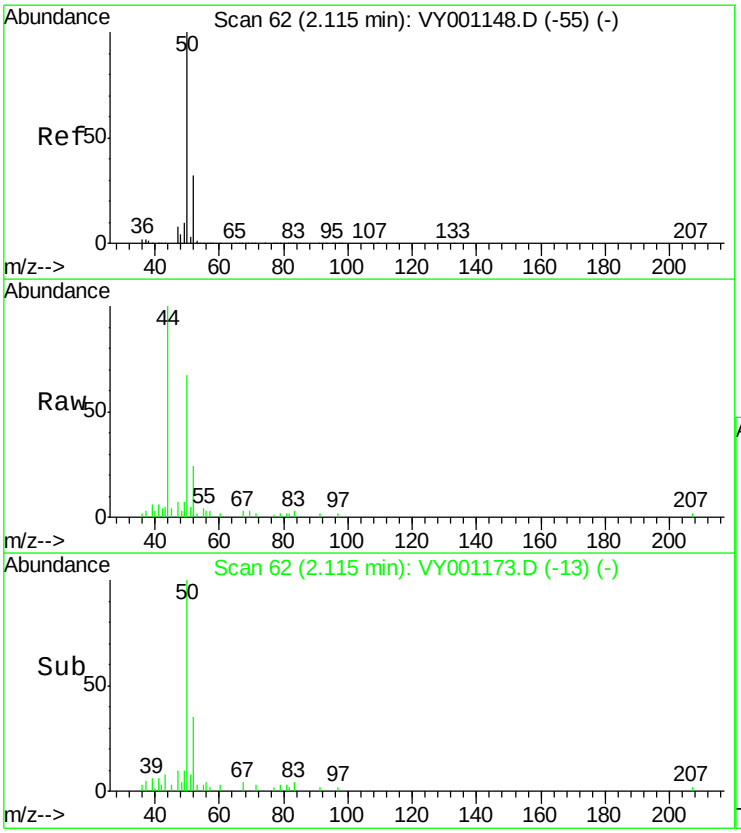
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Instrument : MSVOA_Y
ClientSampleId : AF-2

Tgt Ion:168 Resp: 151785

Ion	Ratio	Lower	Upper
168	100		
99	54.5	47.9	71.9

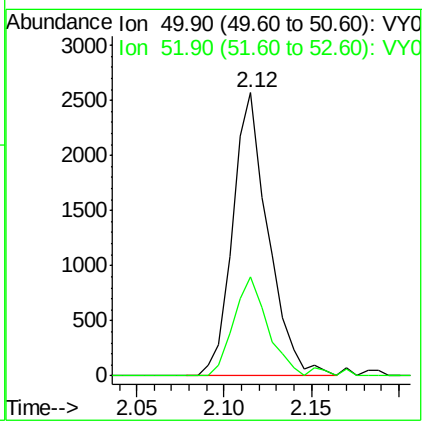


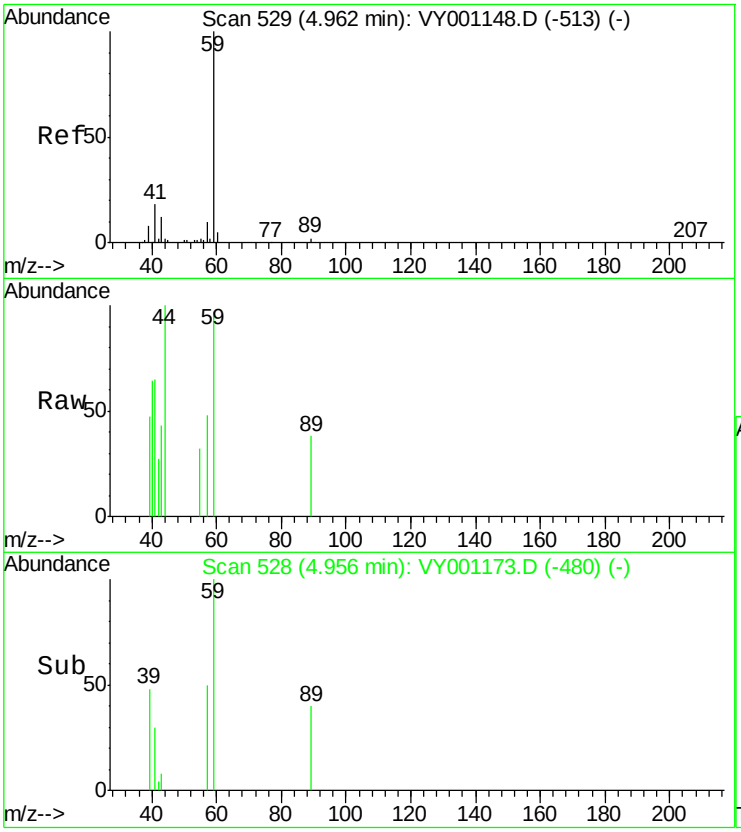


#3
Chloromethane
Concen: 2.155 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Tgt Ion: 50 Resp: 3621

Ion	Ratio	Lower	Upper
50	100		
52	35.0	25.8	38.6



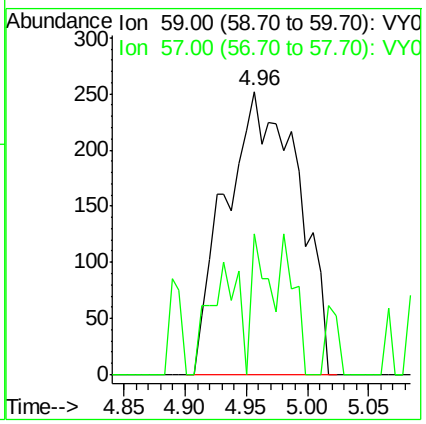


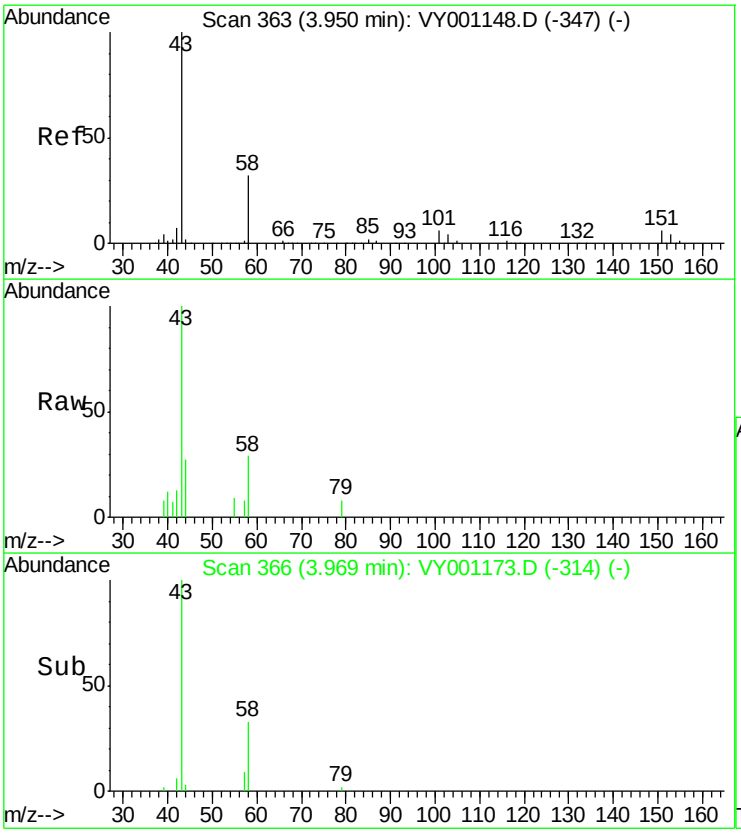
#11
Tert butyl alcohol
Concen: 6.491 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Instrument : MSVOA_Y
ClientSampleId : AF-2

Tgt Ion: 59 Resp: 1047

Ion	Ratio	Lower	Upper
59	100		
57	12.3	7.8	11.8#

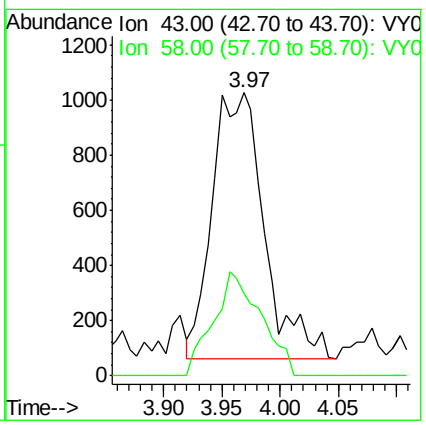


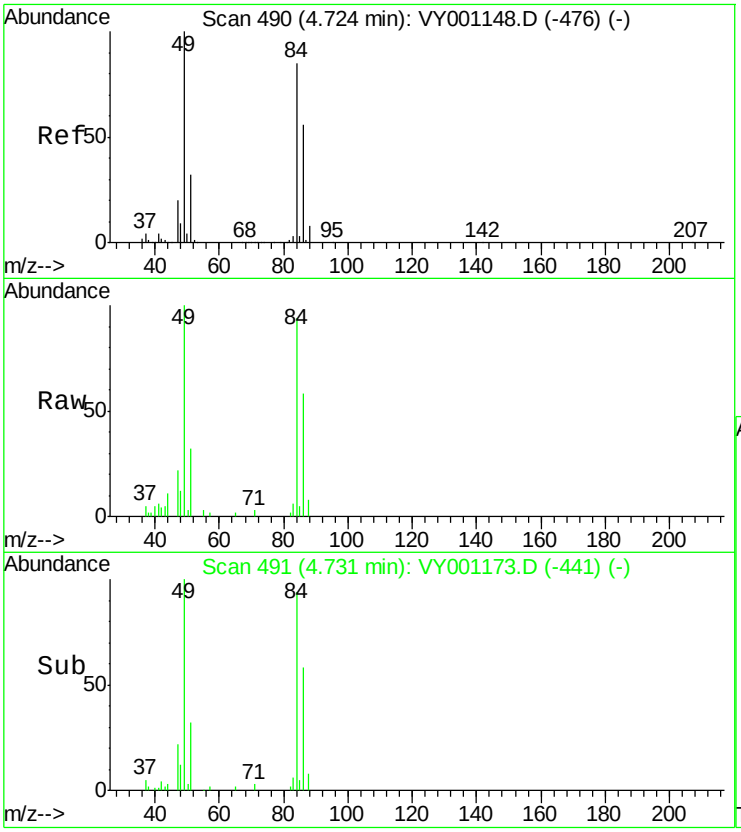


#16
Acetone
Concen: 8.026 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.02 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Tgt Ion: 43 Resp: 2988

Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.8	38.6



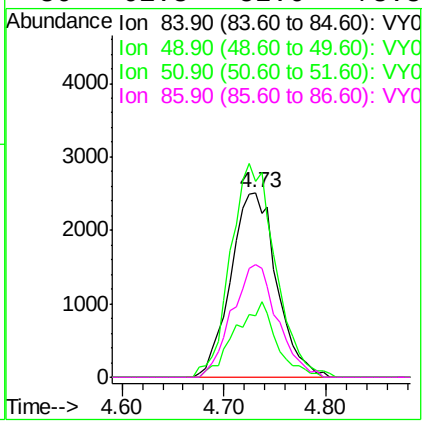


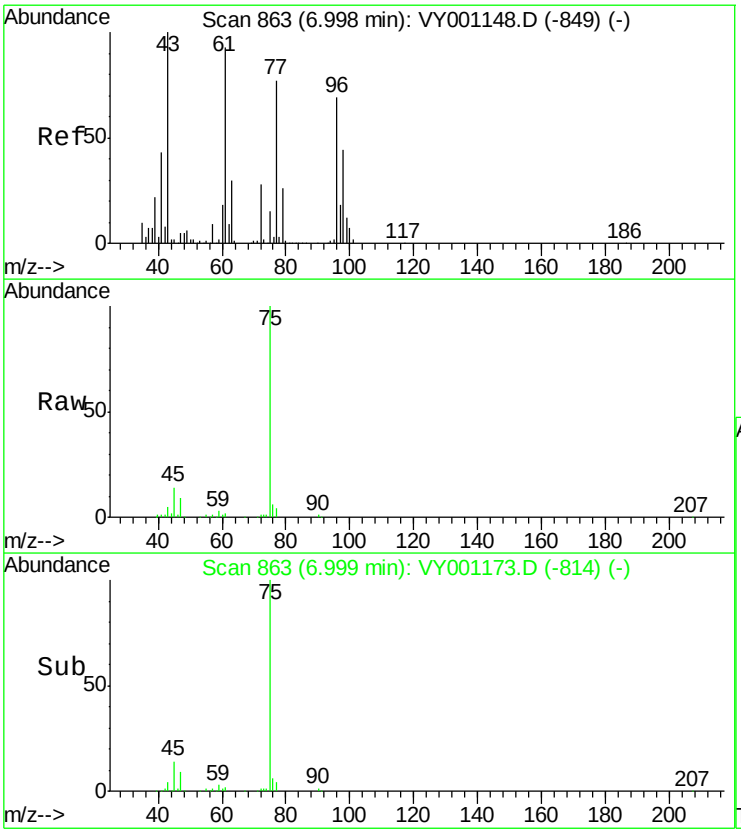
#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Instrument : MSVOA_Y
ClientSampleId : AF-2

Tgt Ion: 84 Resp: 7847

Ion	Ratio	Lower	Upper
84	100		
49	105.9	93.8	140.6
51	33.4	29.9	44.9
86	61.3	52.6	78.8

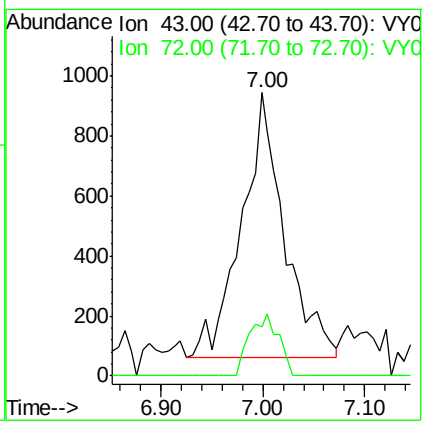


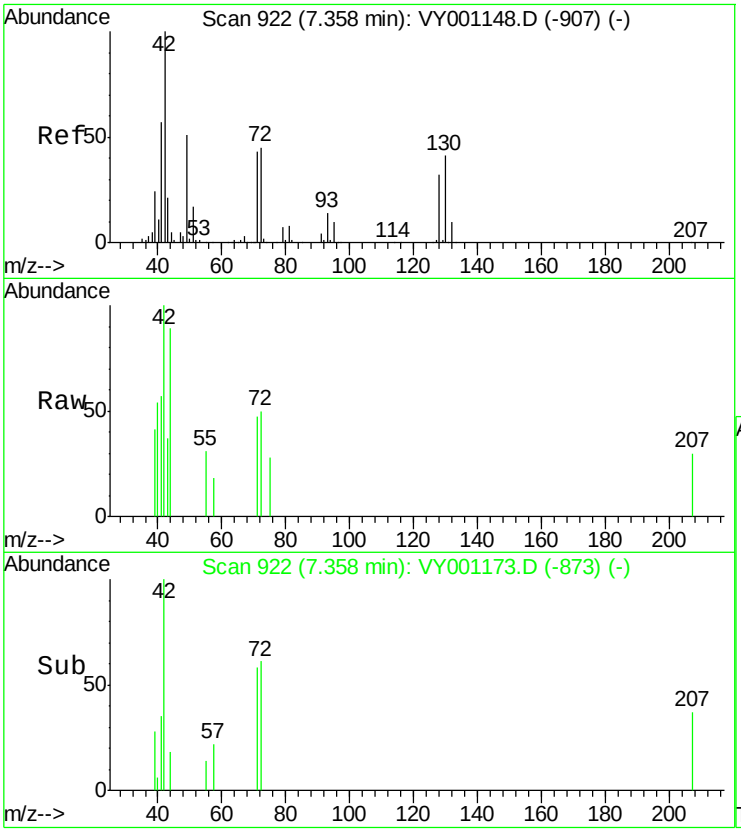


#25
2-Butanone
Concen: 4.439 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Tgt Ion: 43 Resp: 2572

Ion	Ratio	Lower	Upper
43	100		
72	18.8	22.2	33.2#



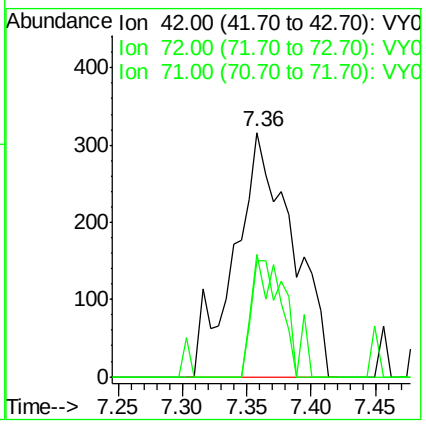


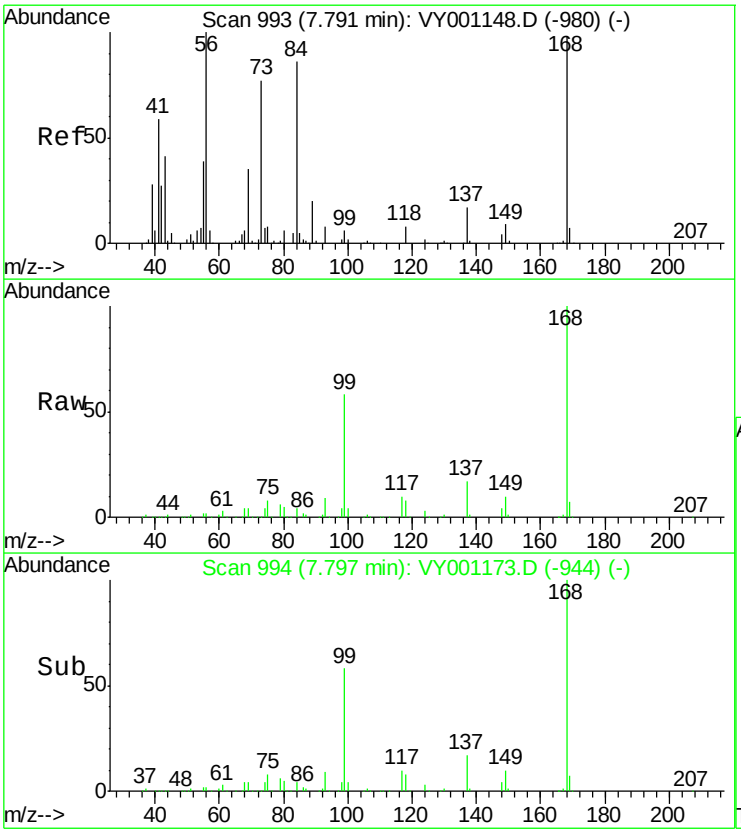
#29
Tetrahydrofuran
Concen: 2.463 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
AF-2

Tgt Ion: 42 Resp: 978

Ion	Ratio	Lower	Upper
42	100		
72	23.6	36.9	55.3#
71	28.9	34.0	51.0#

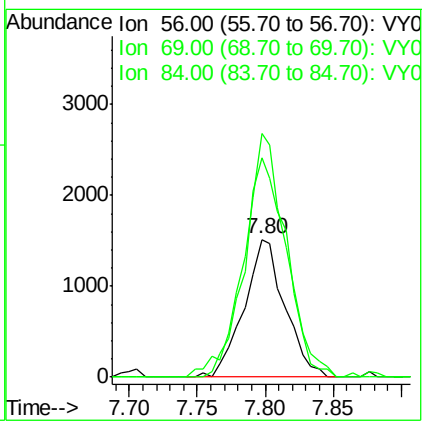


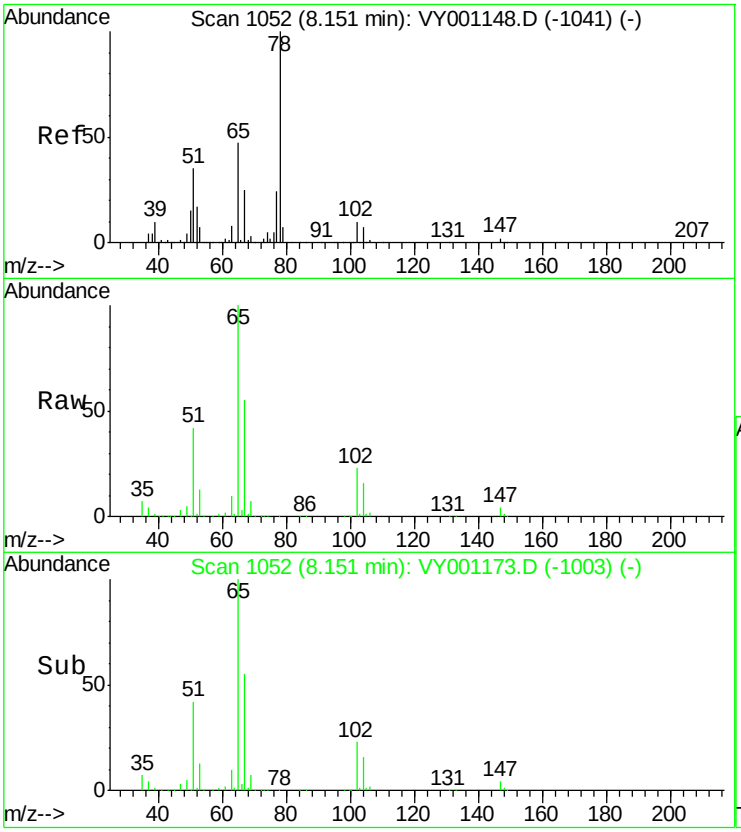


#31
Cyclohexane
Concen: 1.026 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Tgt Ion: 56 Resp: 3180

Ion	Ratio	Lower	Upper
56	100		
69	176.6	27.8	41.8#
84	159.3	68.9	103.3#



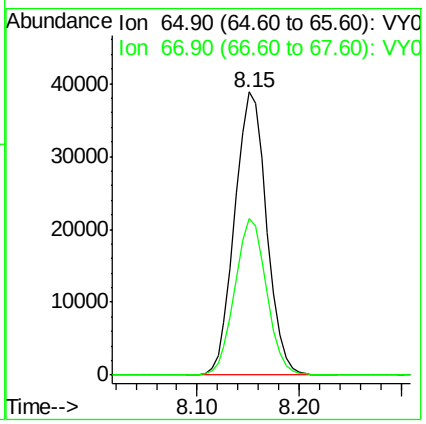


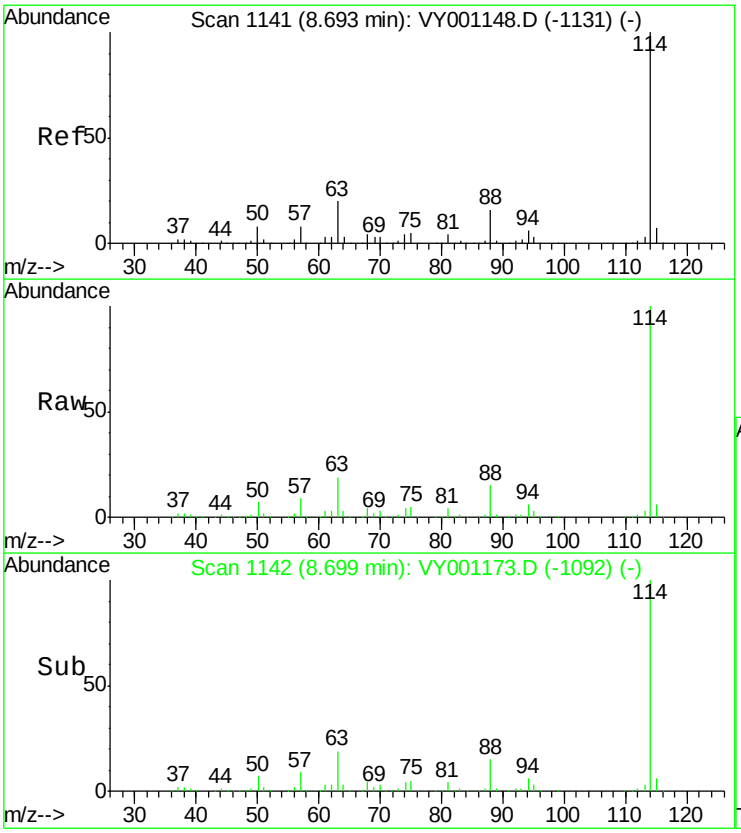
#33
1,2-Dichloroethane-d4
Concen: 52.628 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Instrument : MSVOA_Y
ClientSampleId : AF-2

Tgt Ion: 65 Resp: 84368

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	105.2

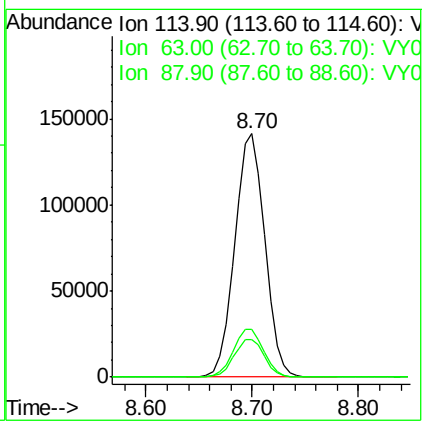


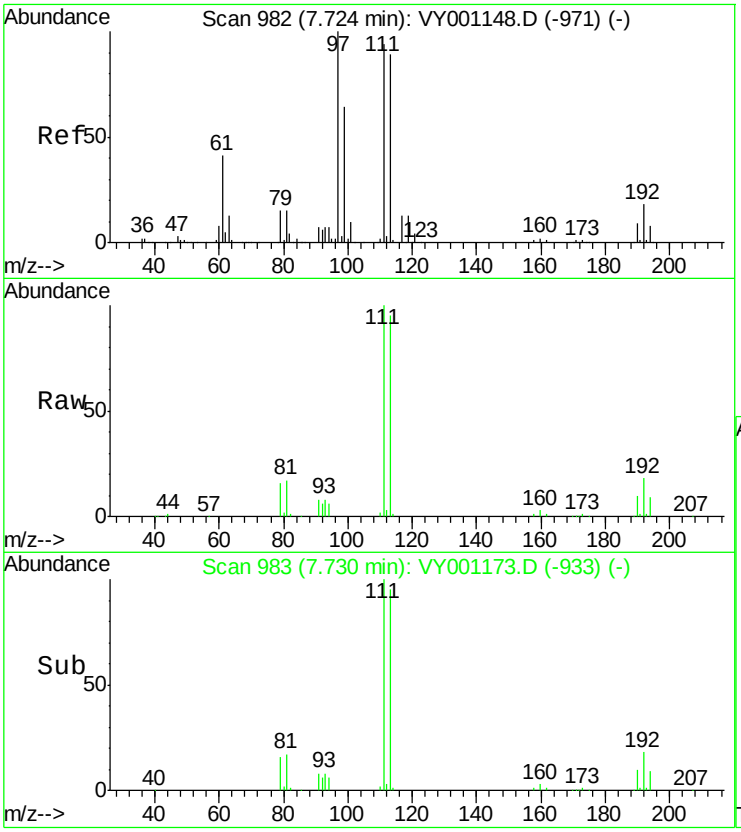


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Tgt Ion:114 Resp: 280189

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.8
88	15.3	0.0	32.4



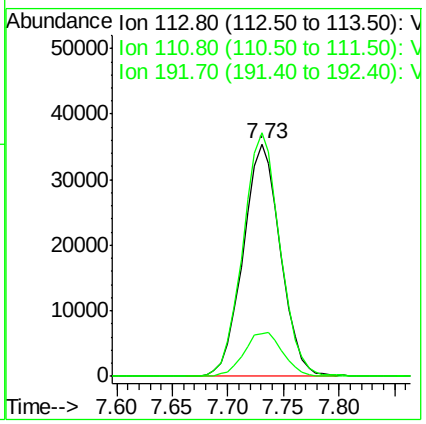


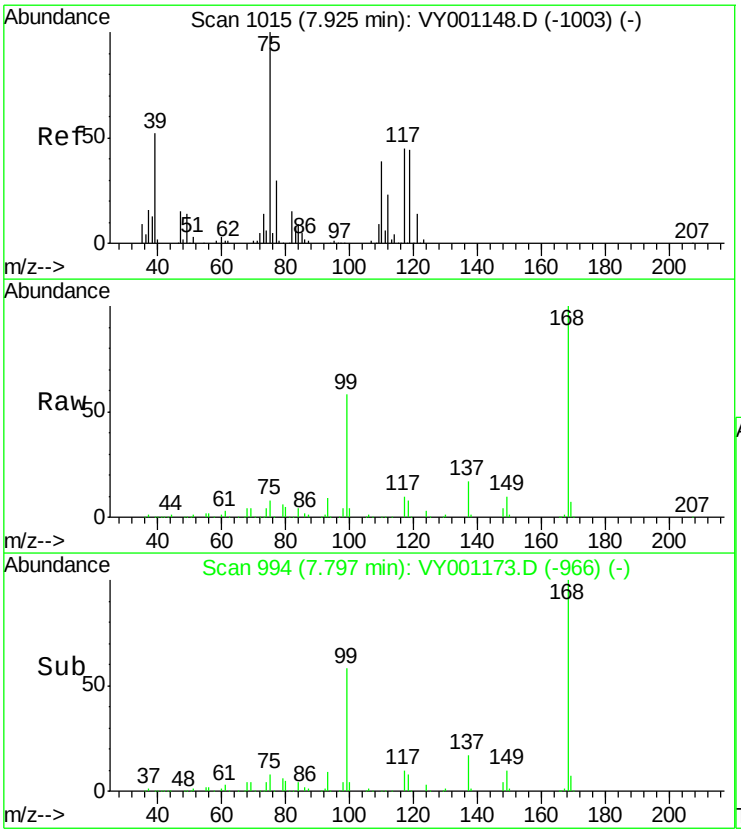
#35
Dibromofluoromethane
Concen: 50.331 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Instrument : MSVOA_Y
ClientSampleId : AF-2

Tgt Ion:113 Resp: 82568

Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.9	124.3
192	19.8	15.4	23.2

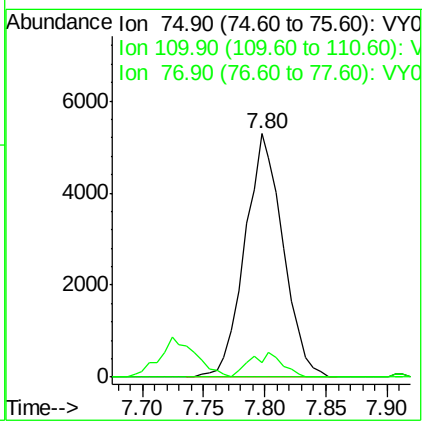


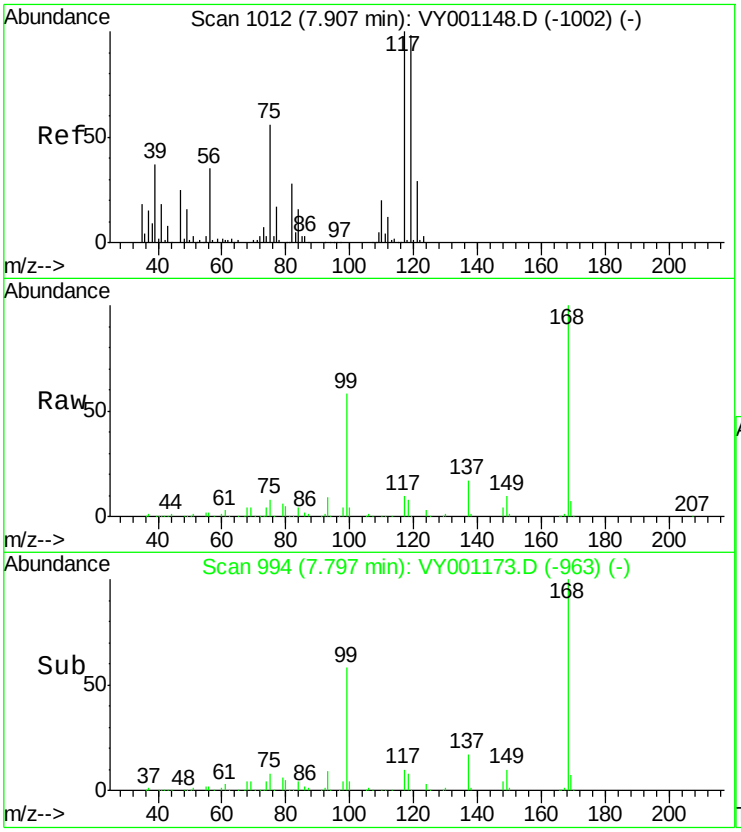


#36
1,1-Dichloropropene
Concen: 4.474 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Tgt Ion: 75 Resp: 11425

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.3	54.8#
77	0.0	25.1	37.7#



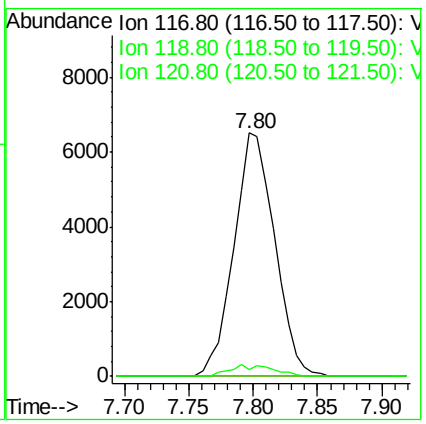


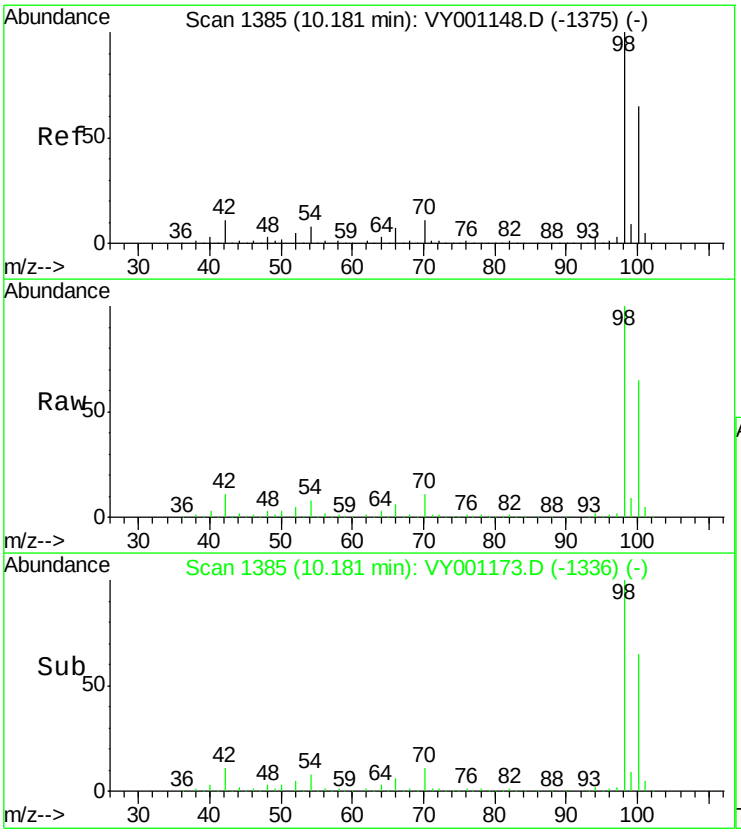
#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Instrument : MSVOA_Y
ClientSampleId : AF-2

Tgt Ion:117 Resp: 14306

Ion	Ratio	Lower	Upper
117	100		
119	3.0	78.3	117.5#
121	0.0	23.5	35.3#

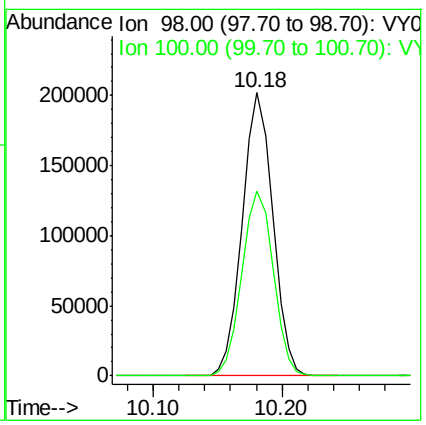


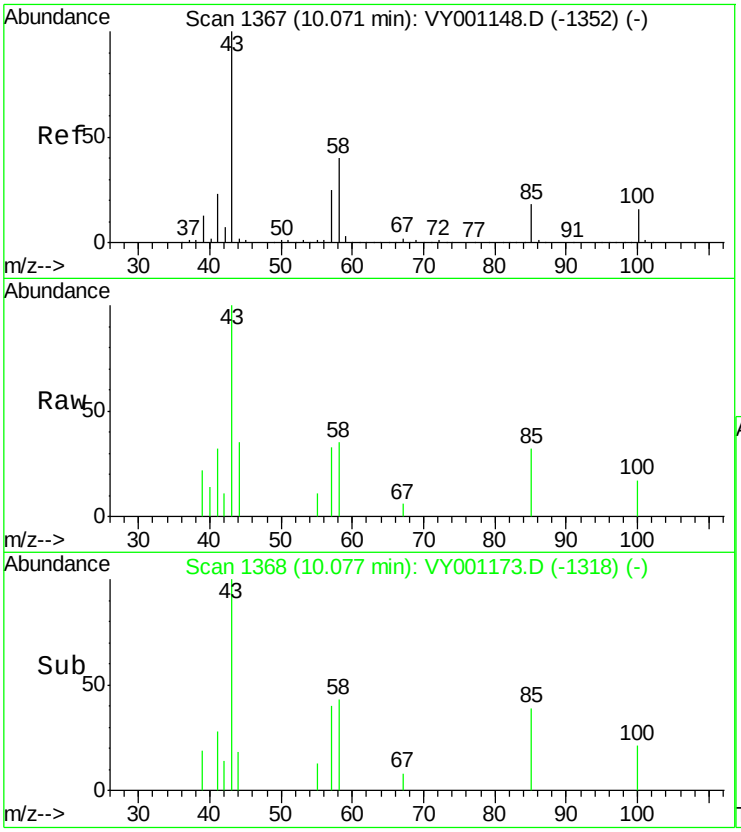


#50
Toluene-d8
Concen: 52.429 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Tgt Ion: 98 Resp: 331409

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.1	79.7



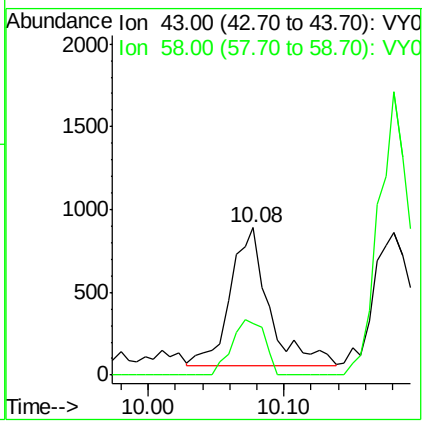


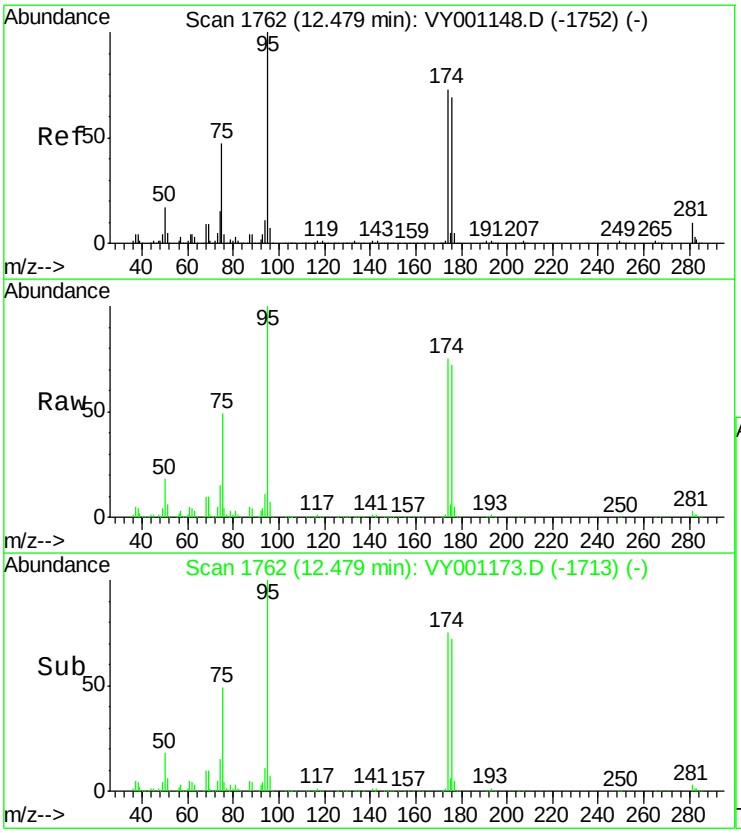
#51
4-Methyl-2-Pentanone
Concen: 1.127 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
AF-2

Tgt Ion: 43 Resp: 1639

Ion	Ratio	Lower	Upper
43	100		
58	34.5	32.3	48.5

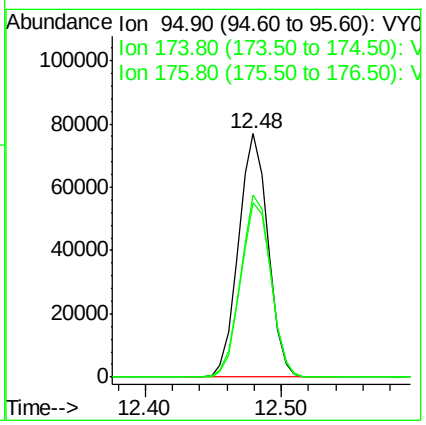


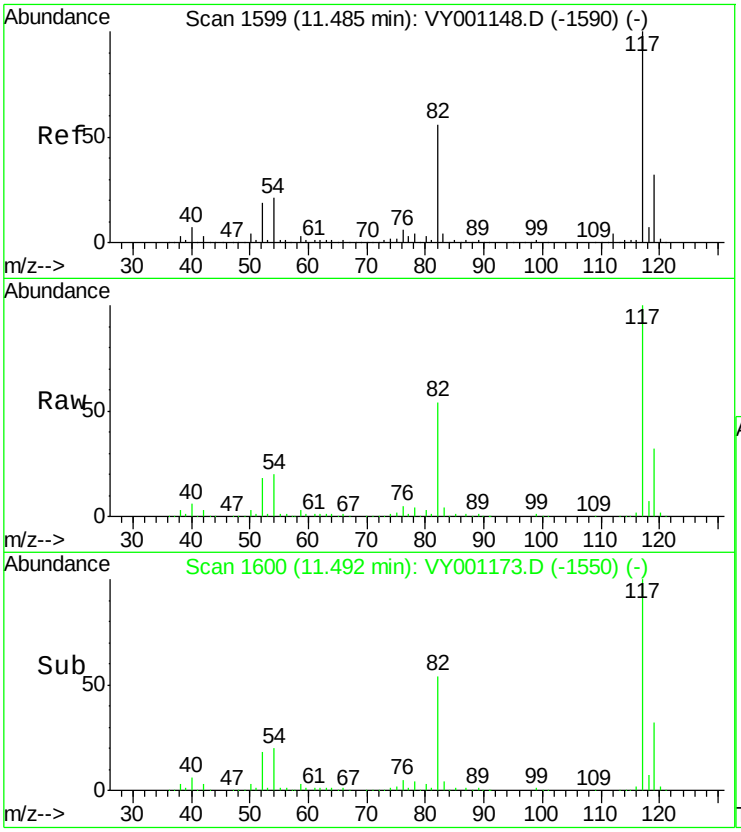


#62
4-Bromofluorobenzene
Concen: 45.185 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Tgt Ion: 95 Resp: 116770

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	143.2
176	74.2	0.0	136.0



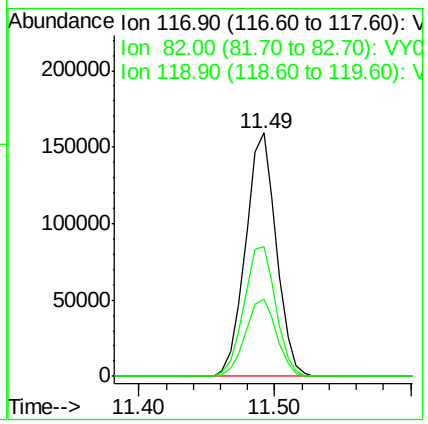


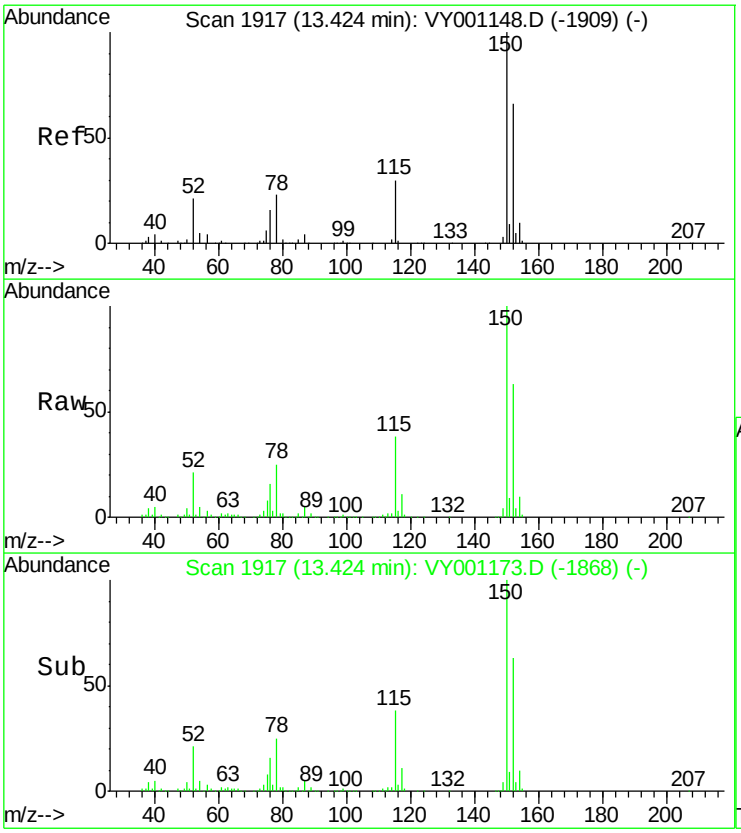
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Instrument : MSVOA_Y
ClientSampleId : AF-2

Tgt Ion:117 Resp: 250775

Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.9	67.3
119	31.8	25.7	38.5

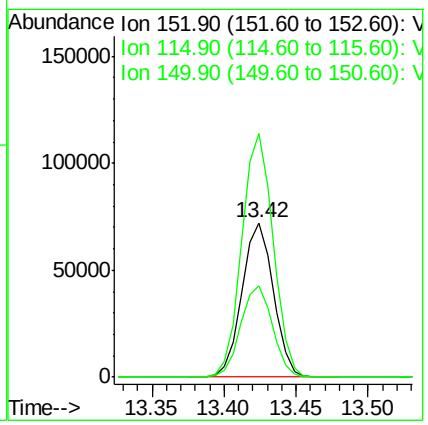


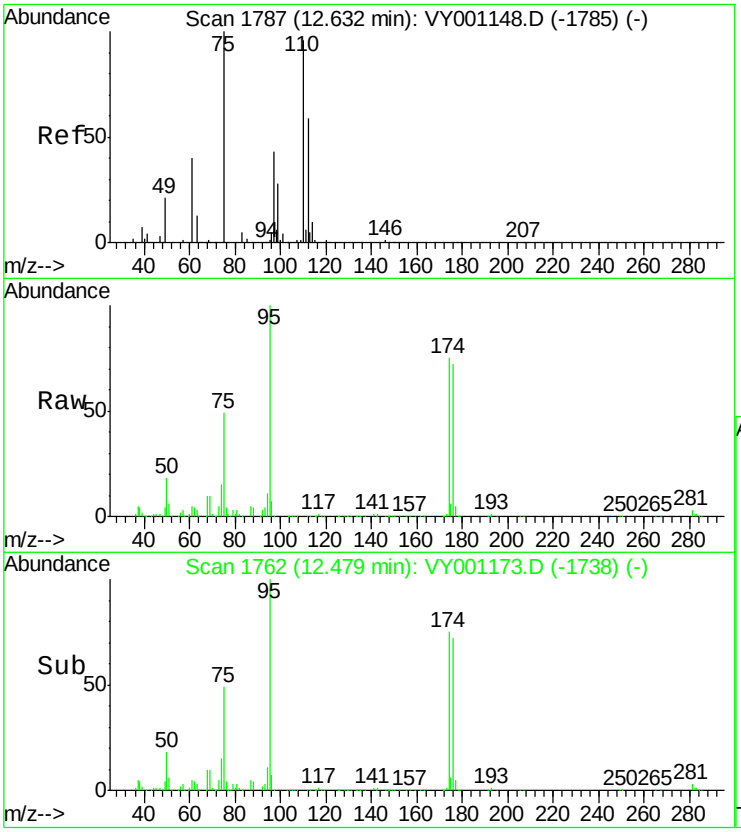


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Tgt Ion:152 Resp: 108447

Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.9	92.5
150	158.3	0.0	346.8



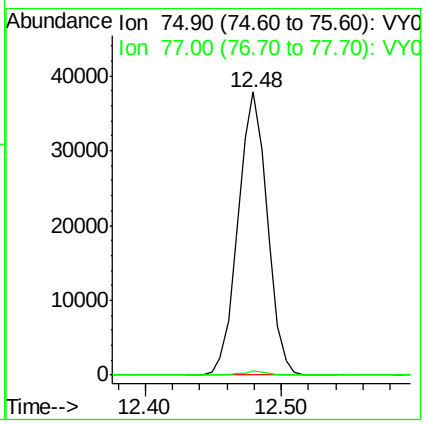


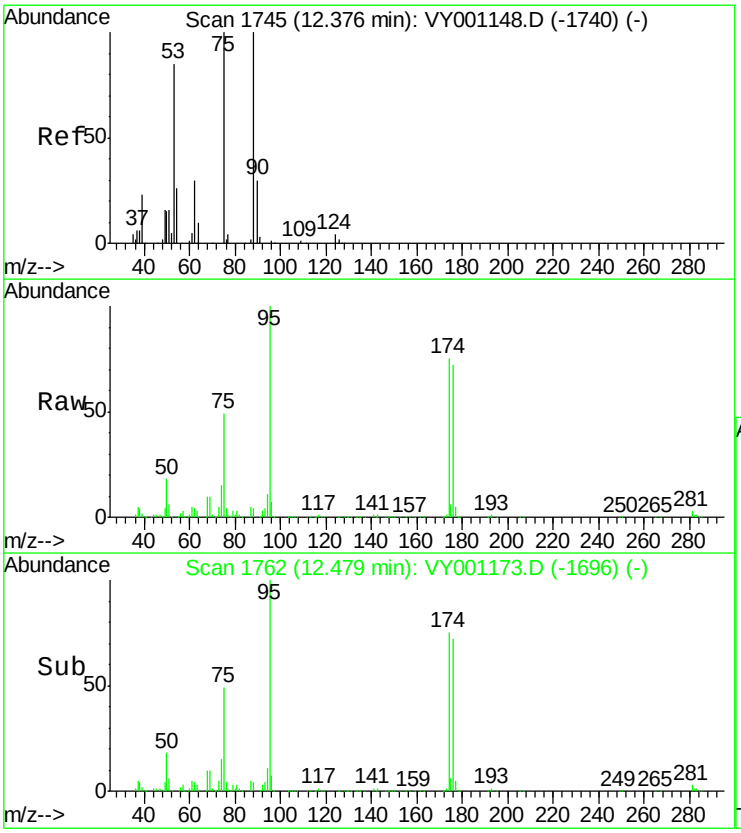
#76
1,2,3-Trichloropropane
Concen: 48.892 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
AF-2

Tgt Ion: 75 Resp: 56760

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.910 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY001173.D
Acq: 13 Jan 2020 12:20

Tgt Ion: 75 Resp: 56760

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.2#
89	0.0	0.0	0.0