

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003605.D
 Acq On : 24 Nov 2020 15:15
 Operator : SY/MD
 Sample : L4860-09RE
 Misc : 4.55G/10ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:03:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 06:01:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	29601	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	29149	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	12127	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	11581	35.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.00%
7) Chloroethane-d5	2.77	69	10117	33.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.68%
10) 1,1-Dichloroethene-d2	3.86	63	17242	21.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.52%
20) 2-Butanone-d5	6.91	46	4704	28.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.20%
24) Chloroform-d	7.49	84	22241	29.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.24%
26) 1,2-Dichloroethane-d4	8.15	65	12773	30.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.16%
29) Benzene-d6	8.13	84	41782	24.60	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.40%
33) 1,2-Dichloropropane-d6	9.13	67	11819	23.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.96%
37) Toluene-d8	10.19	98	31486	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.76%
38) trans-1,3-Dichloropropene-	10.44	79	5904	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.04%
39) 2-Hexanone-d5	10.79	63	3968	30.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.30%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	11146	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.76%
61) 1,2-Dichlorobenzene-d4	13.72	152	10708	27.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.44%

Target Compounds

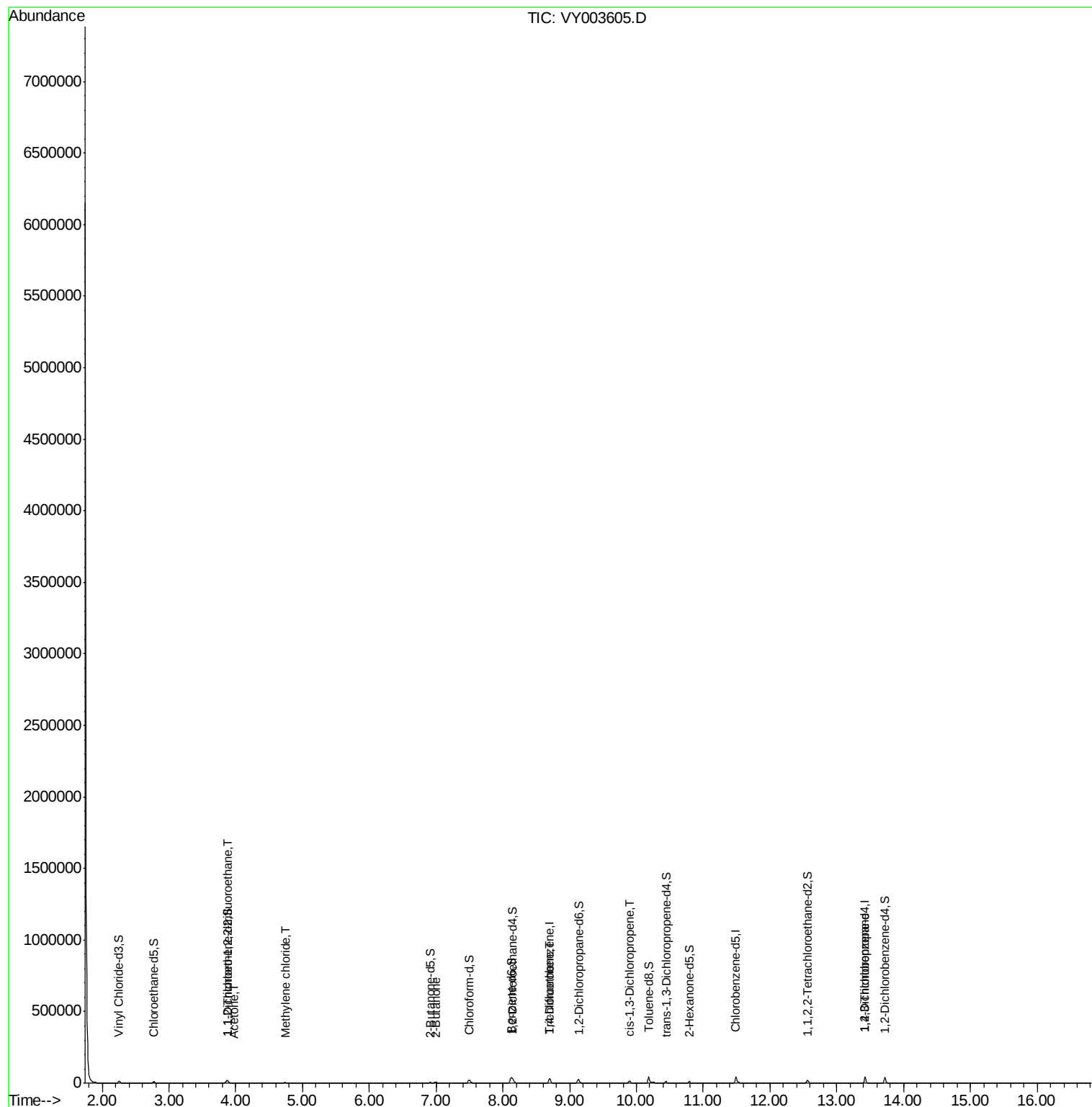
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	3.86	101	88	0.224 ug/L #	17
13) Acetone	3.97	43	203	1.719 ug/L #	42
16) Methylene chloride	4.74	84	1629	3.210 ug/L	81
21) 2-Butanone	6.99	43	166	0.835 ug/L #	49
35) Trichloroethene	8.69	95	807	1.733 ug/L #	2
42) cis-1,3-Dichloropropene	9.89	75	452	0.632 ug/L #	69
59) 1,2,3-Trichloropropane	13.43	75	1540	4.630 ug/L	90

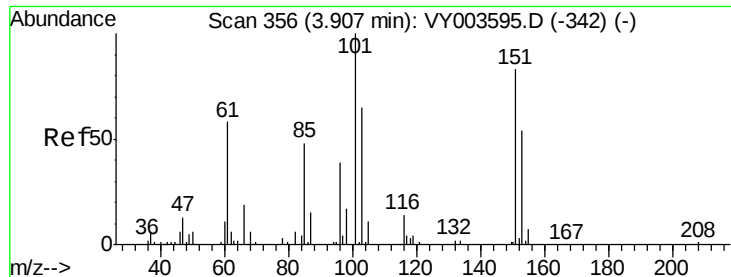
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 25 06:01:46 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.224 ug/L

RT: 3.86 min Scan# 349

Delta R.T. -0.04 min

Lab File: VY003605.D

Acq: 24 Nov 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

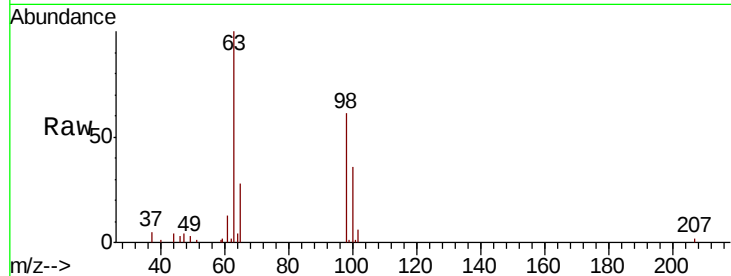
Tot Ion:101 Resp: 88

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

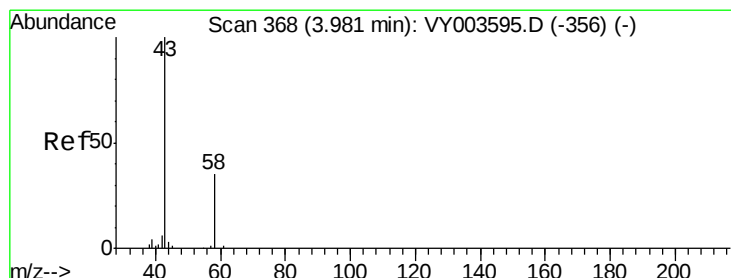
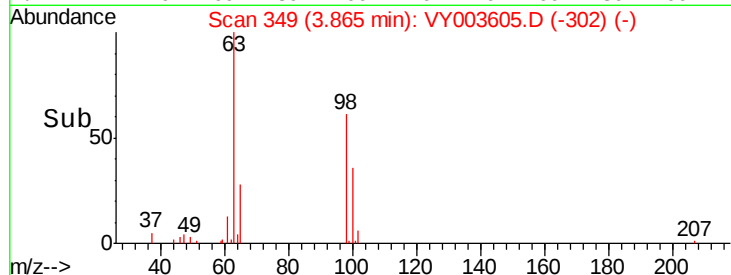
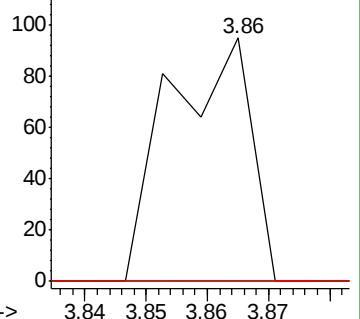
151 0.0 65.4 98.0#



Abundance Ion 101.00 (100.70 to 101.70): VY003605.D (-342) (-)

Ion 85.00 (84.70 to 85.70): VY003605.D (-342) (-)

Ion 151.00 (150.70 to 151.70): VY003605.D (-342) (-)



#13

Acetone

Concen: 1.719 ug/L

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY003605.D

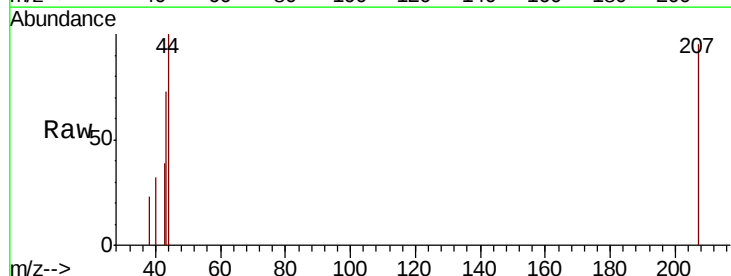
Acq: 24 Nov 2020 15:15

Tgt Ion: 43 Resp: 203

Ion Ratio Lower Upper

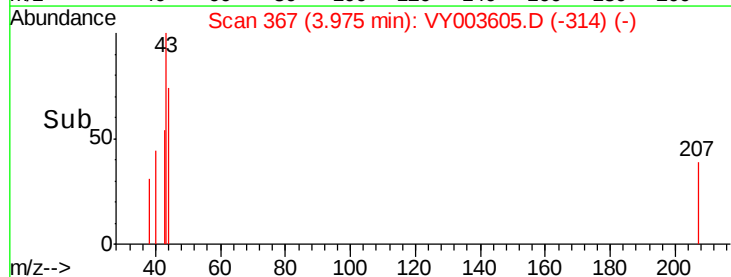
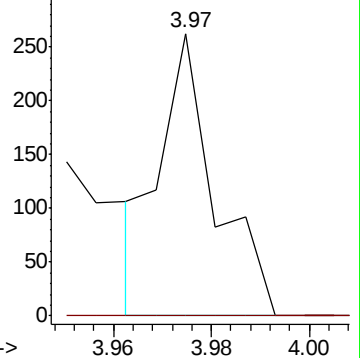
43 100

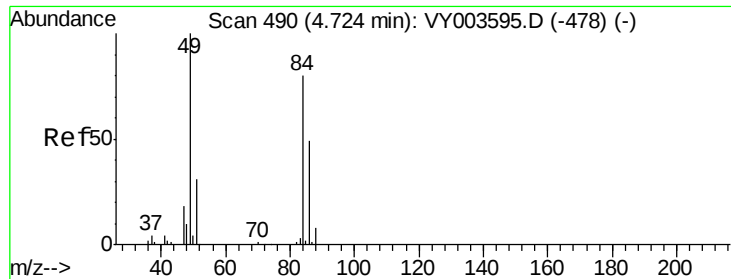
58 0.0 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VY003605.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VY003605.D (-356) (-)

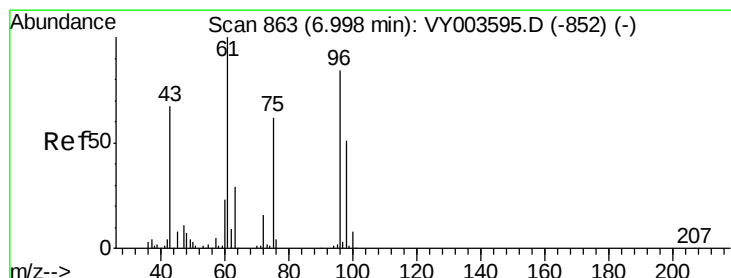
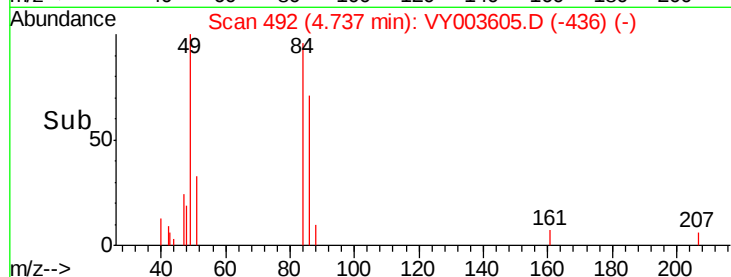
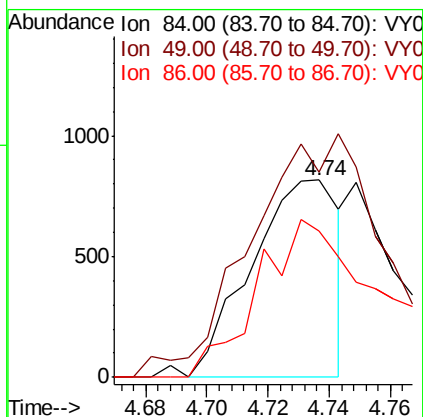
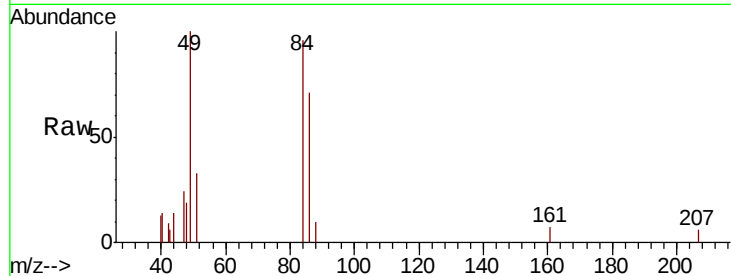




#16
Methvlene chloride
Concen: 3.210 ug/L
RT: 4.74 min Scan# 492
Delta R.T. 0.01 min
Lab File: VY003605.D
Acq: 24 Nov 2020 15:15

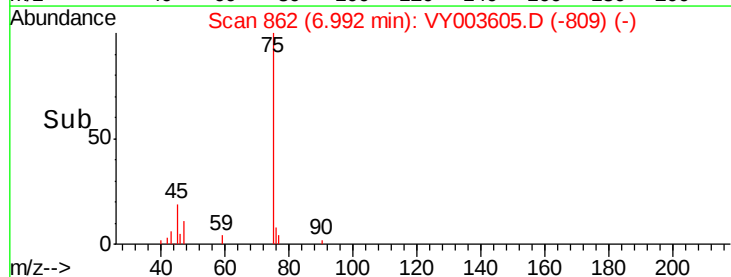
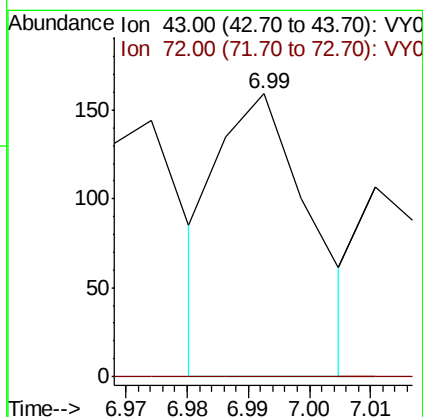
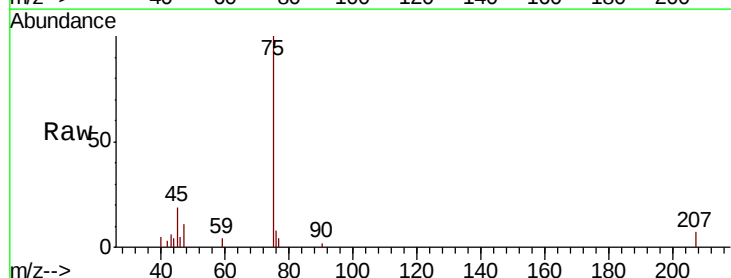
Instrument :
MSVOA_Y
ClientSampleId :

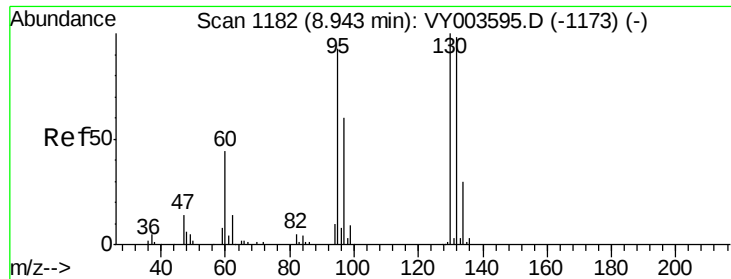
Tot Ion: 84 Resp: 1629
Ion Ratio Lower Upper
84 100
49 103.8 90.3 167.7
86 73.9 44.7 83.1



#21
2-Butanone
Concen: 0.835 ug/L
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY003605.D
Acq: 24 Nov 2020 15:15

Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
72 0.0 13.2 39.6#





#35

Trichloroethene

Concen: 1.733 ug/L

RT: 8.69 min Scan# 1141

Delta R.T. -0.25 min

Lab File: VY003605.D

Acq: 24 Nov 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 95 Resp: 807

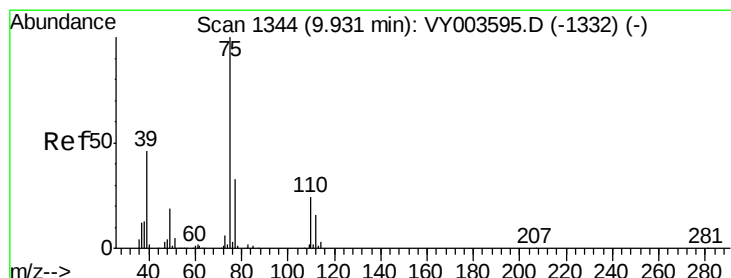
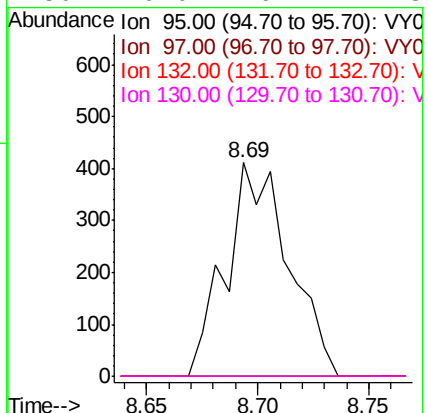
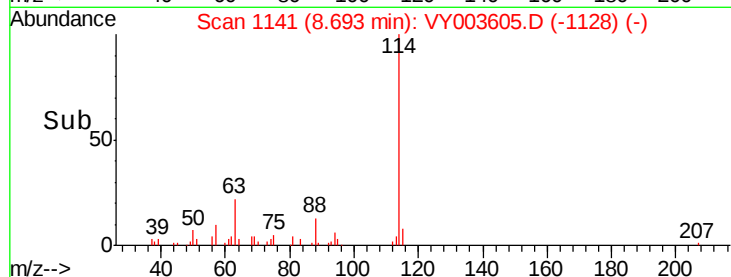
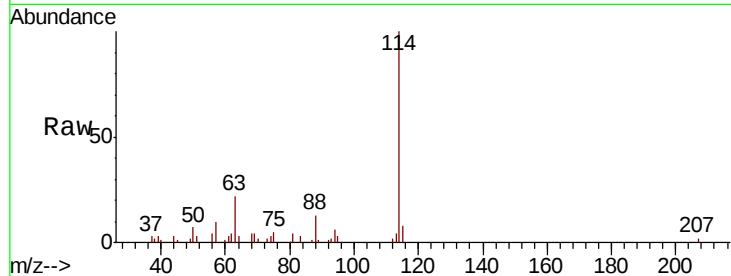
Ion Ratio Lower Upper

95 100

97 0.0 44.5 82.7#

132 0.0 73.1 135.7#

130 0.0 76.1 141.3#



#42

cis-1,3-Dichloropropene

Concen: 0.632 ug/L

RT: 9.89 min Scan# 1338

Delta R.T. -0.04 min

Lab File: VY003605.D

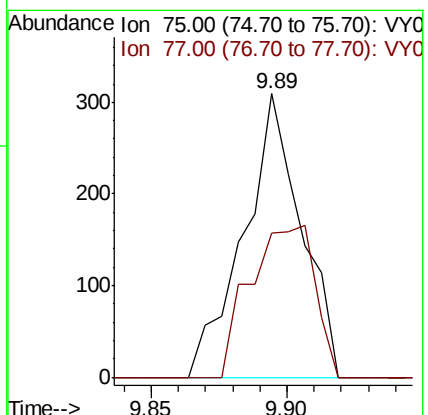
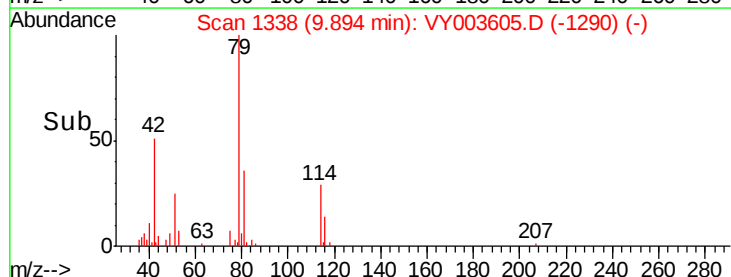
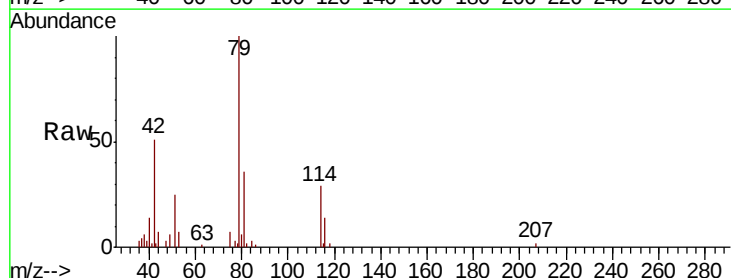
Acq: 24 Nov 2020 15:15

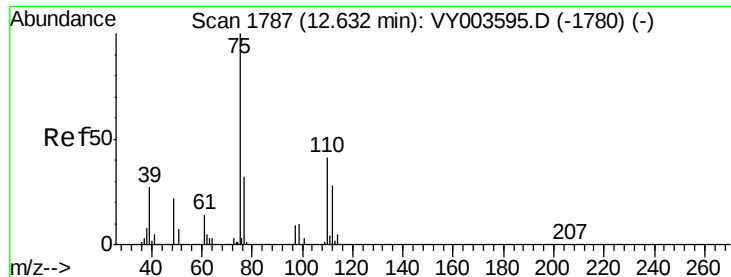
Tgt Ion: 75 Resp: 452

Ion Ratio Lower Upper

75 100

77 50.8 23.2 43.0#





#59

1,2,3-Trichloropropane

Concen: 4.630 ug/L

RT: 13.43 min Scan# 1918

Delta R.T. 0.80 min

Lab File: VY003605.D

Acq: 24 Nov 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 1540

Ion Ratio Lower Upper

75 100

77 27.3 26.2 39.2

