

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003611.D
 Acq On : 24 Nov 2020 17:23
 Operator : SY/MD
 Sample : L4861-02
 Misc : 4.91G/10ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:04:36 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	8.69	114	77567	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	67031	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	22396	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	32398	37.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	151.60%#
7) Chloroethane-d5	2.77	69	25360	31.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.88%
10) 1,1-Dichloroethene-d2	3.86	63	48888	23.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.52%
20) 2-Butanone-d5	6.90	46	16251	37.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.40%
24) Chloroform-d	7.49	84	59340	30.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.40%
26) 1,2-Dichloroethane-d4	8.15	65	31467	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.92%
29) Benzene-d6	8.12	84	117991	30.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.84%
33) 1,2-Dichloropropane-d6	9.13	67	33922	29.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.48%
37) Toluene-d8	10.18	98	92662	26.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.92%
38) trans-1,3-Dichloropropene-	10.44	79	13653	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.56%
39) 2-Hexanone-d5	10.78	63	9579	32.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.34%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	24243	24.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.20%
61) 1,2-Dichlorobenzene-d4	13.72	152	20580	28.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.88%

Target Compounds

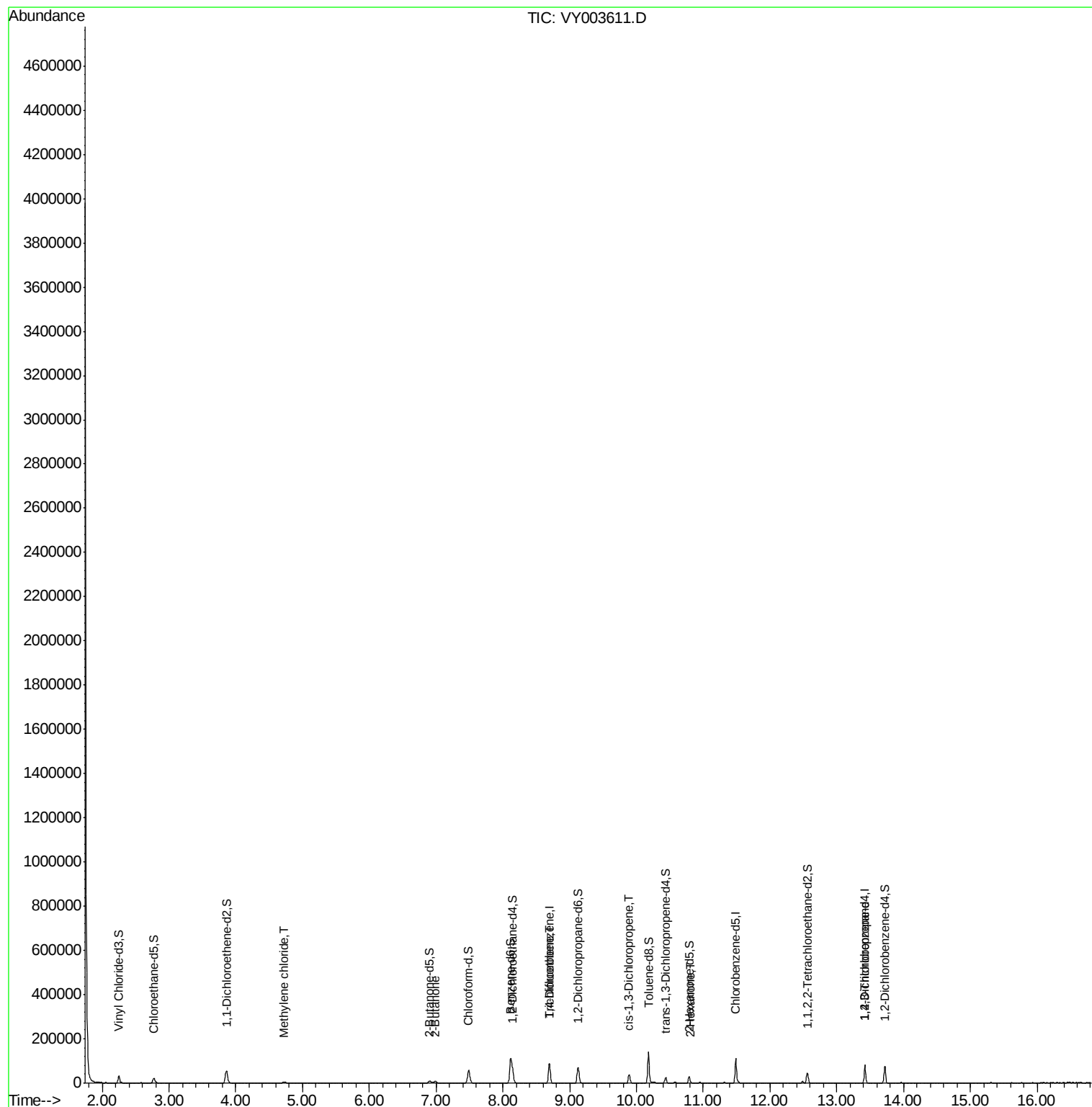
					Ovalue
16) Methylene chloride	4.73	84	3346	2.516 ug/L	96
21) 2-Butanone	6.99	43	578	1.109 ug/L #	49
35) Trichloroethene	8.70	95	2309	2.156 ug/L #	2
42) cis-1,3-Dichloropropene	9.89	75	985	0.599 ug/L	89
49) 2-Hexanone	10.81	43	419	0.608 ug/L #	39
59) 1,2,3-Trichloropropane	13.42	75	3001	3.923 ug/L	94

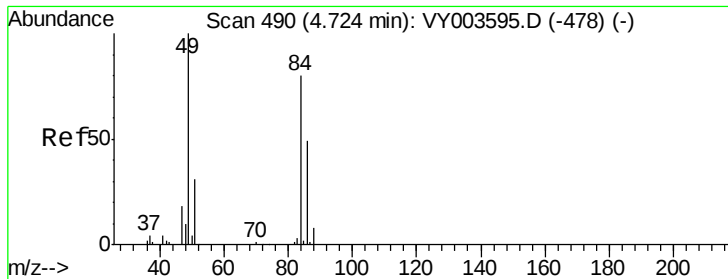
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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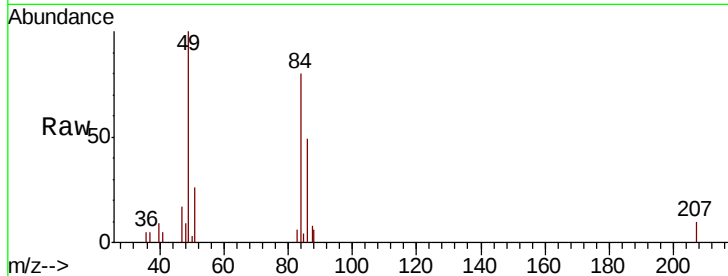




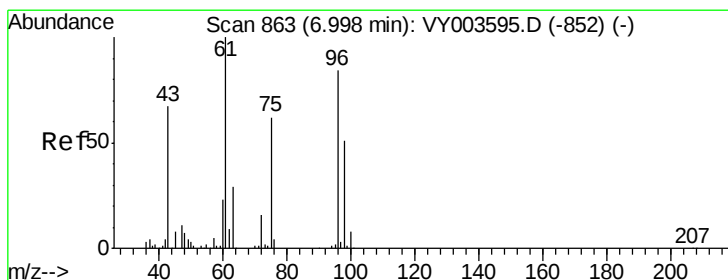
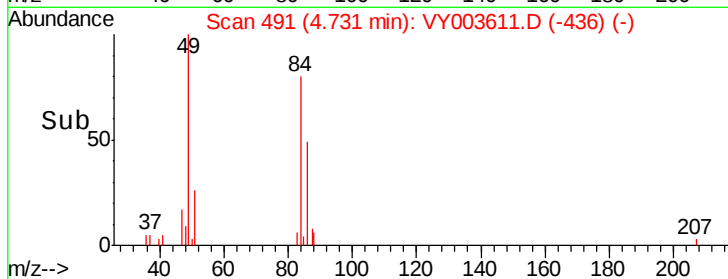
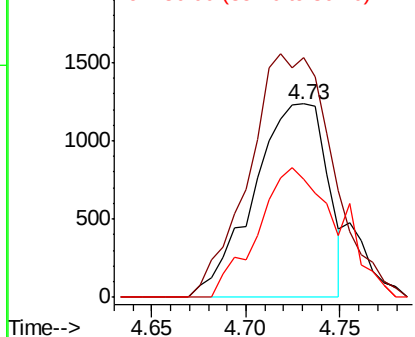
#16
Methvlene chloride
Concen: 2.516 ug/L
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003611.D
Acq: 24 Nov 2020 17:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 3346
Ion Ratio Lower Upper
84 100
49 124.3 90.3 167.7
86 60.9 44.7 83.1

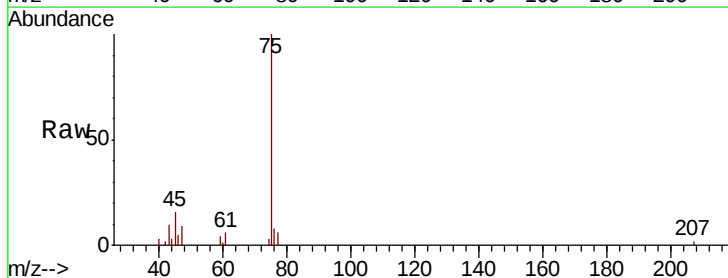


Abundance Ion 84.00 (83.70 to 84.70): VY0
Ion 49.00 (48.70 to 49.70): VY0
Ion 86.00 (85.70 to 86.70): VY0

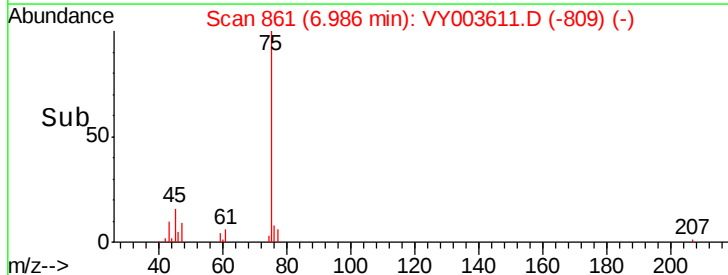
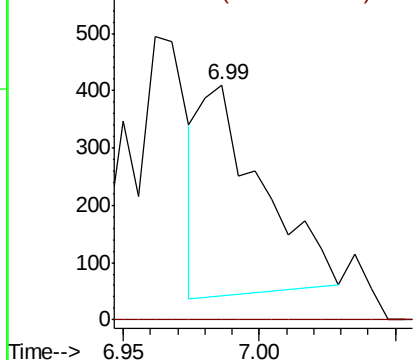


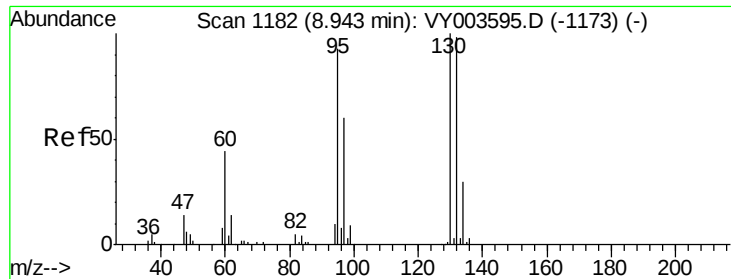
#21
2-Butanone
Concen: 1.109 ug/L
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003611.D
Acq: 24 Nov 2020 17:23

Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
72 0.0 13.2 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#35

Trichloroethene

Concen: 2.156 ug/L

RT: 8.70 min Scan# 1142

Delta R.T. -0.24 min

Lab File: VY003611.D

Acq: 24 Nov 2020 17:23

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 95 Resp: 2309

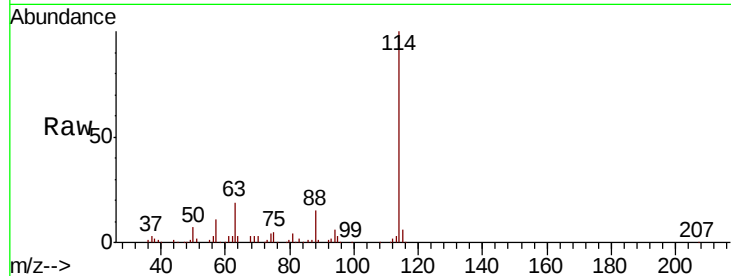
Ion Ratio Lower Upper

95 100

97 0.0 44.5 82.7#

132 0.0 73.1 135.7#

130 0.0 76.1 141.3#

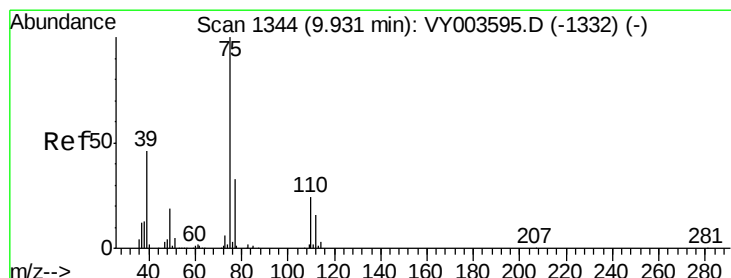
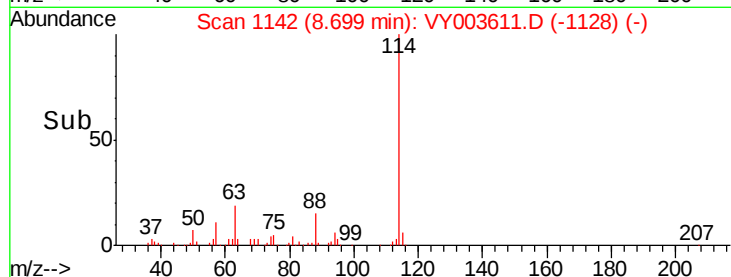
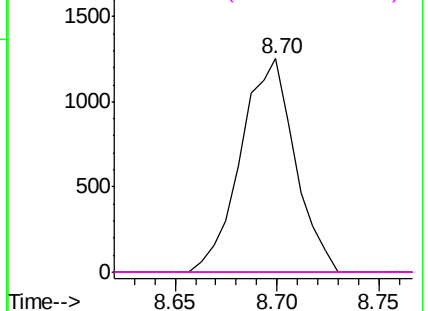


Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): VY0

Ion 130.00 (129.70 to 130.70): VY0



#42

cis-1,3-Dichloropropene

Concen: 0.599 ug/L

RT: 9.89 min Scan# 1338

Delta R.T. -0.04 min

Lab File: VY003611.D

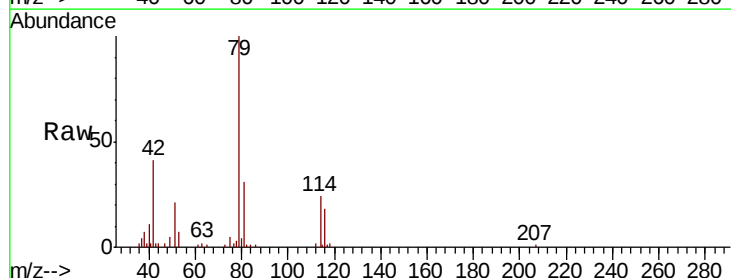
Acq: 24 Nov 2020 17:23

Tgt Ion: 75 Resp: 985

Ion Ratio Lower Upper

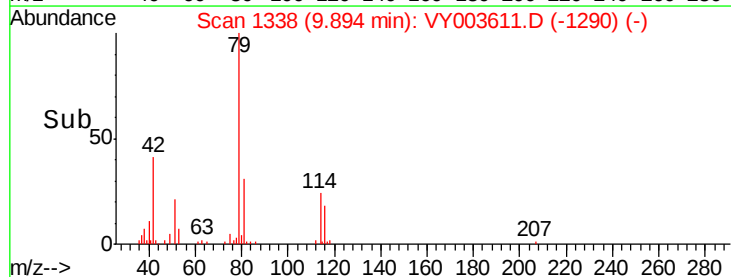
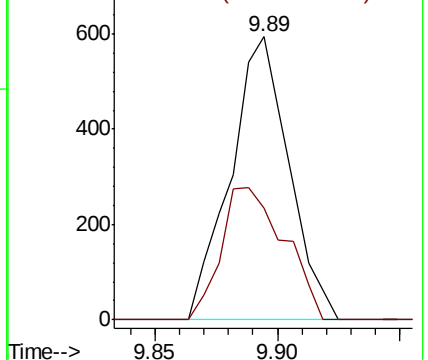
75 100

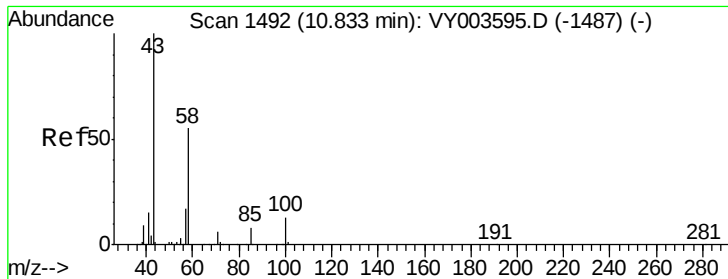
77 39.6 23.2 43.0



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





#49

2-Hexanone

Concen: 0.608 ug/L

RT: 10.81 min Scan# 1489

Delta R.T. -0.02 min

Lab File: VY003611.D

Acq: 24 Nov 2020 17:23

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 43 Resp: 419

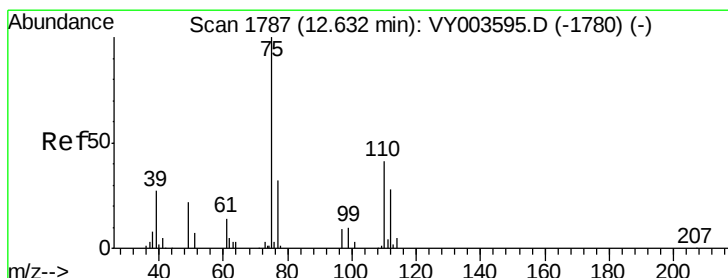
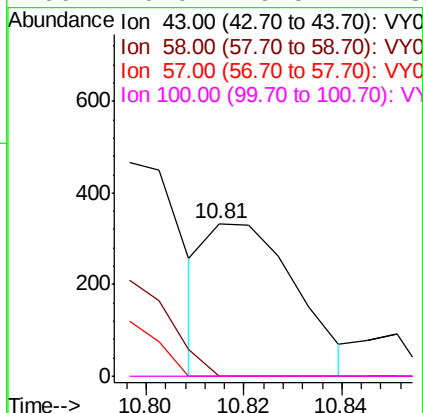
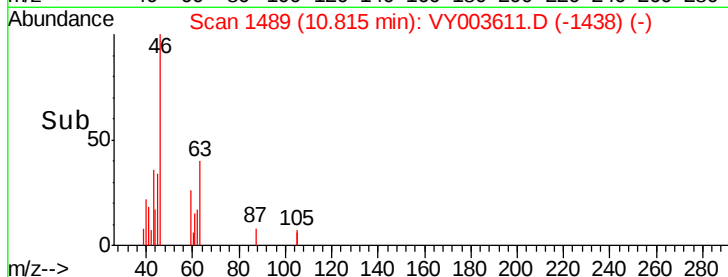
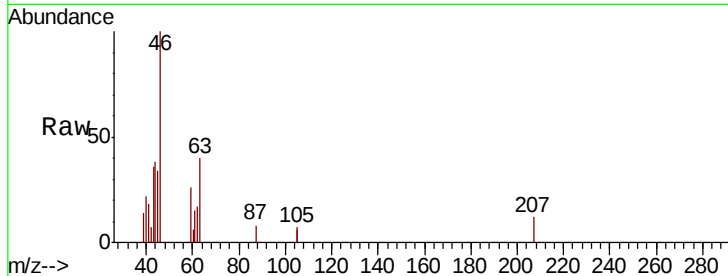
Ion Ratio Lower Upper

43 100

58 0.0 42.1 63.1#

57 0.0 14.2 21.2#

100 0.0 9.5 14.3#



#59

1,2,3-Trichloropropane

Concen: 3.923 ug/L

RT: 13.42 min Scan# 1917

Delta R.T. 0.79 min

Lab File: VY003611.D

Acq: 24 Nov 2020 17:23

Tgt Ion: 75 Resp: 3001

Ion Ratio Lower Upper

75 100

77 29.3 26.2 39.2

