

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003606.D
 Acq On : 24 Nov 2020 15:36
 Operator : SY/MD
 Sample : L4860-11
 Misc : 5.36G/10ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:04:04 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	69785	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	65708	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	27394	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	25658	33.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.44%
7) Chloroethane-d5	2.77	69	20764	29.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.40%
10) 1,1-Dichloroethene-d2	3.86	63	39802	20.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.72%
20) 2-Butanone-d5	6.90	46	14078	36.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.60%
24) Chloroform-d	7.49	84	47879	26.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.96%
26) 1,2-Dichloroethane-d4	8.14	65	24565	24.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.84%
29) Benzene-d6	8.12	84	96891	25.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.24%
33) 1,2-Dichloropropane-d6	9.13	67	27515	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	10.18	98	77300	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.16%
38) trans-1,3-Dichloropropene-	10.44	79	12631	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.20%
39) 2-Hexanone-d5	10.79	63	8118	27.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.62%
48) 1,1,1,2,2-Tetrachloroethane-	12.56	84	20216	20.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.68%
61) 1,2-Dichlorobenzene-d4	13.72	152	23132	26.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.64%

Target Compounds

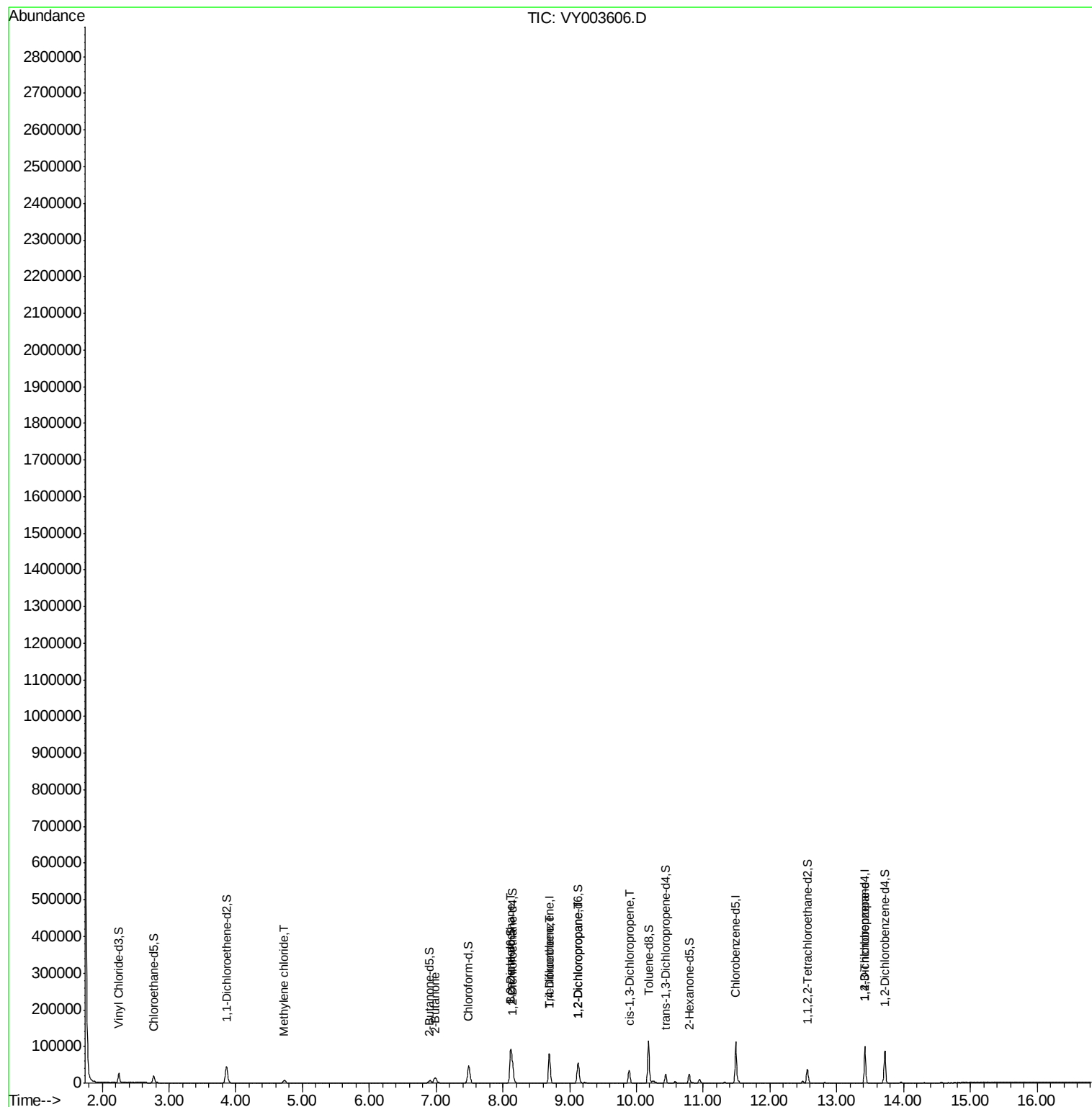
					Ovalue
16) Methylene chloride	4.72	84	5194	4.341 ug/L	92
21) 2-Butanone	6.99	43	358	0.763 ug/L #	49
27) 1,2-Dichloroethane	8.11	62	674	0.583 ug/L #	74
35) Trichloroethene	8.69	95	2133	2.032 ug/L #	2
40) 1,2-Dichloropropane	9.13	63	3036	2.971 ug/L #	87
42) cis-1,3-Dichloropropene	9.89	75	1056	0.655 ug/L #	80
59) 1,2,3-Trichloropropane	13.42	75	3170	4.227 ug/L	93

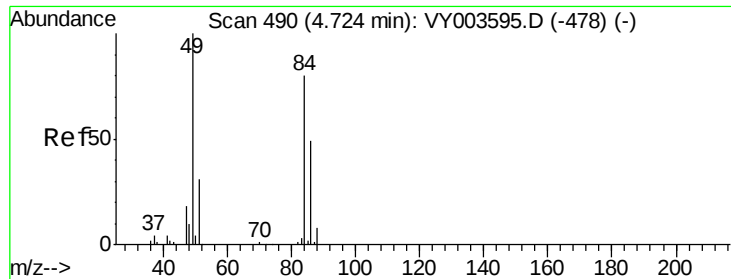
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
Data File : VY003606.D
Acq On : 24 Nov 2020 15:36
Operator : SY/MD
Sample : L4860-11
Misc : 5.36G/10ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 25 06:04:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 06:01:46 2020
Response via : Initial Calibration

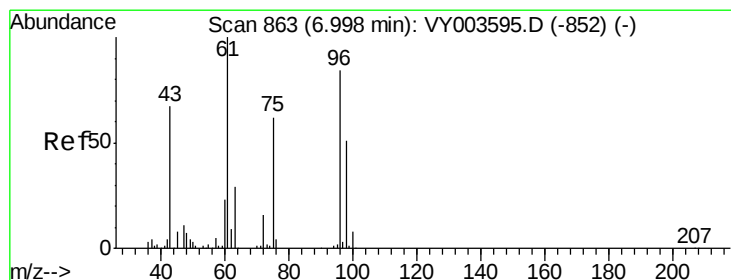
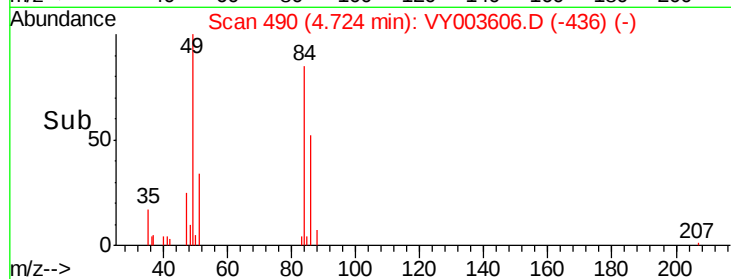
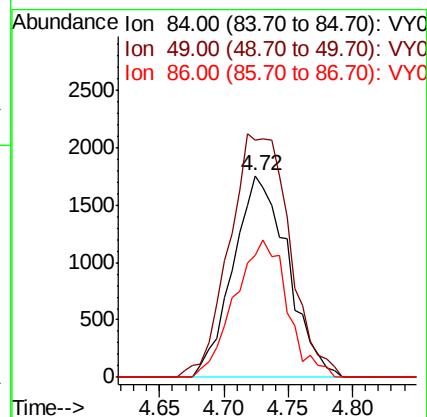
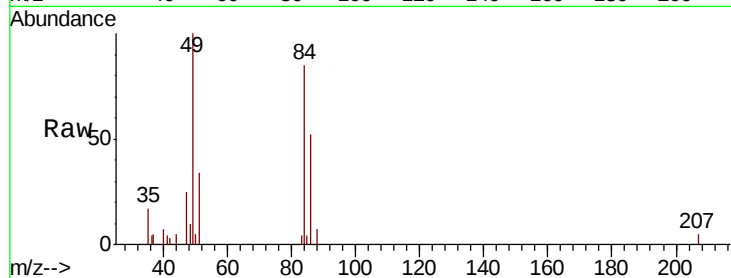




#16
Methvlene chloride
Concen: 4.341 ug/L
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003606.D
Acq: 24 Nov 2020 15:36

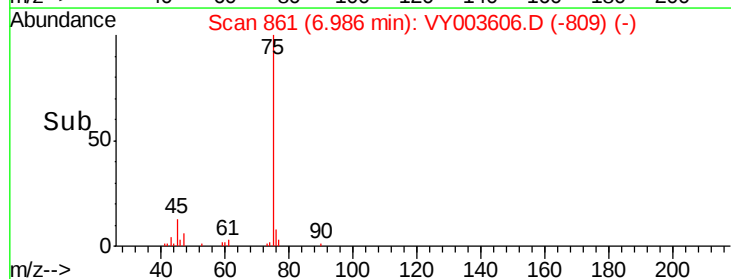
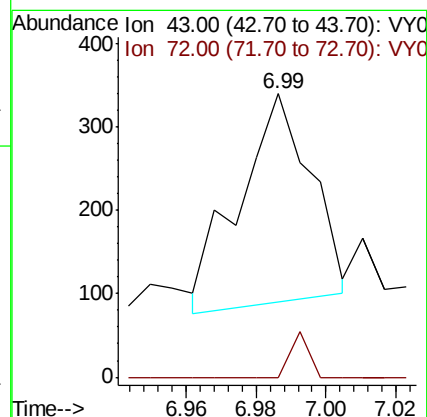
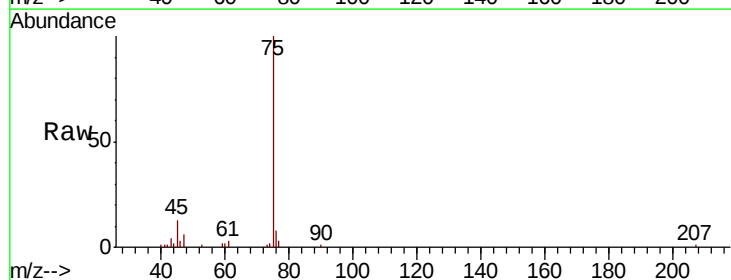
Instrument :
MSVOA_Y
ClientSampled :

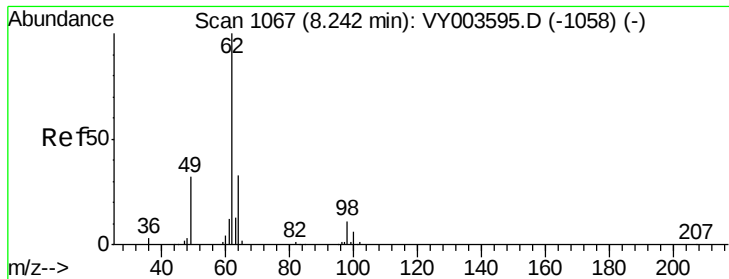
Tot Ion: 84 Resp: 5194
Ion Ratio Lower Upper
84 100
49 117.4 90.3 167.7
86 60.6 44.7 83.1



#21
2-Butanone
Concen: 0.763 ug/L
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003606.D
Acq: 24 Nov 2020 15:36

Tgt Ion: 43 Resp: 358
Ion Ratio Lower Upper
43 100
72 0.0 13.2 39.6#

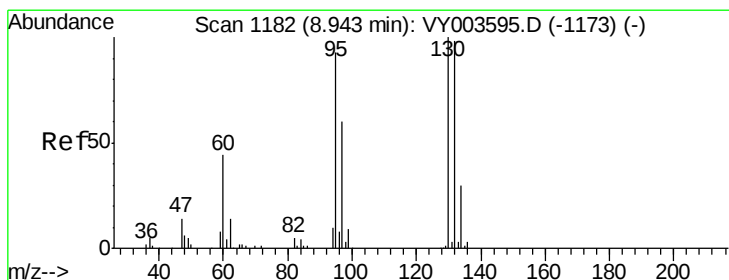
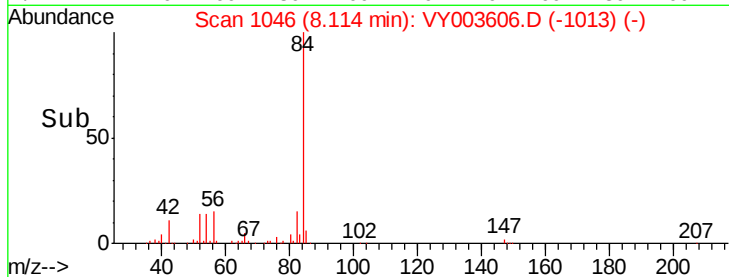
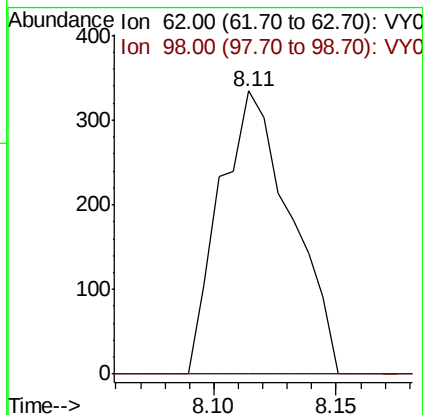
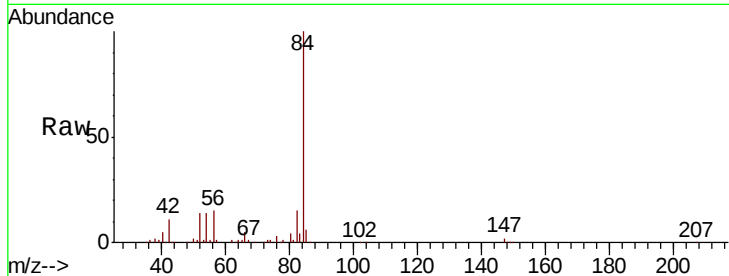




#27
 1,2-Dichloroethane
 Concen: 0.583 ug/L
 RT: 8.11 min Scan# 1046
 Delta R.T. -0.13 min
 Lab File: VY003606.D
 Acq: 24 Nov 2020 15:36

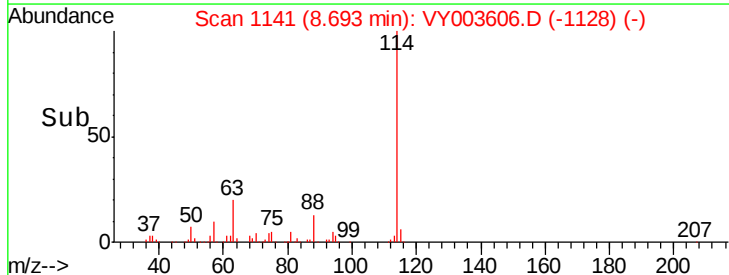
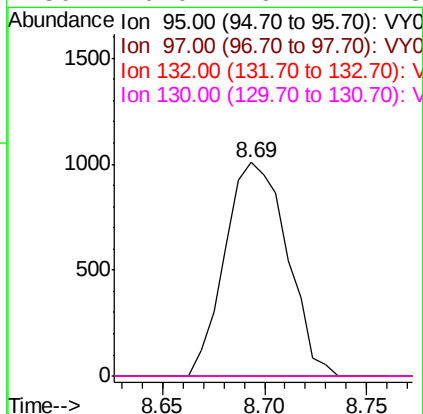
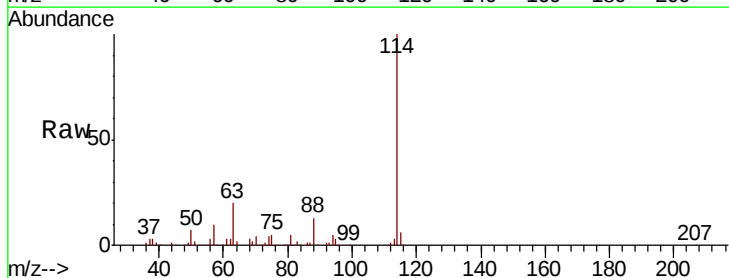
Instrument :
 MSVOA_Y
 ClientSampleId :

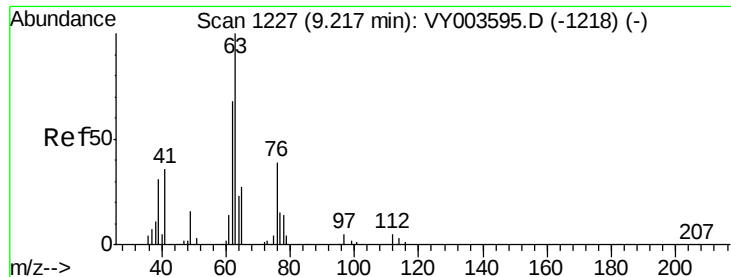
Tot Ion: 62 Resp: 674
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.7 11.5#



#35
 Trichloroethene
 Concen: 2.032 ug/L
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.25 min
 Lab File: VY003606.D
 Acq: 24 Nov 2020 15:36

Tgt Ion: 95 Resp: 2133
 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#

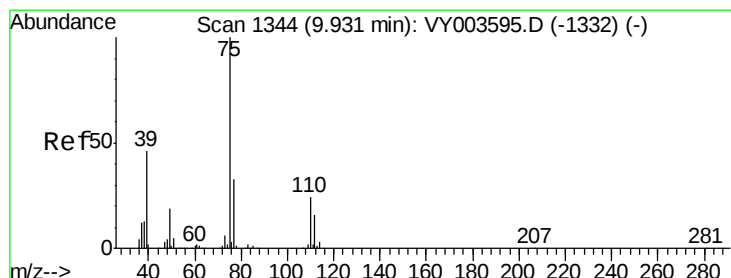
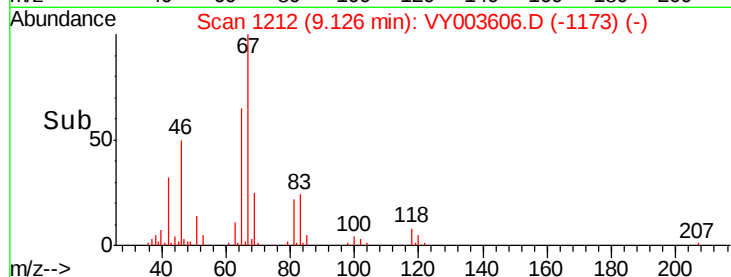
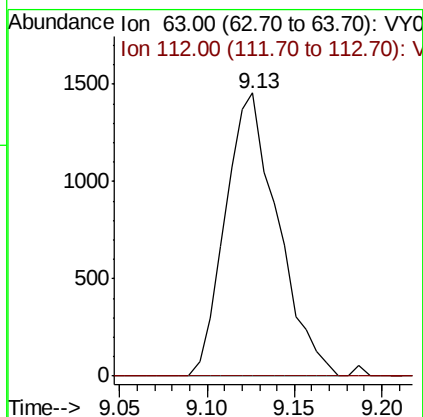
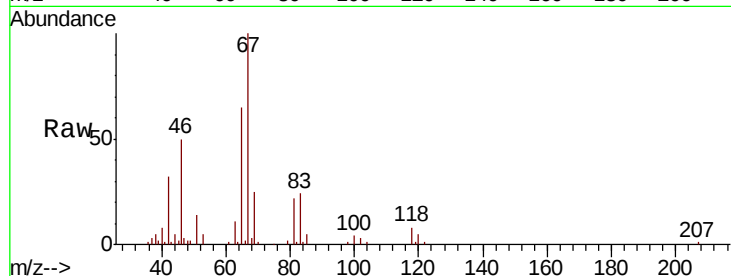




#40
 1,2-Dichloropropane
 Concen: 2.971 ug/L
 RT: 9.13 min Scan# 1212
 Delta R.T. -0.09 min
 Lab File: VY003606.D
 Acq: 24 Nov 2020 15:36

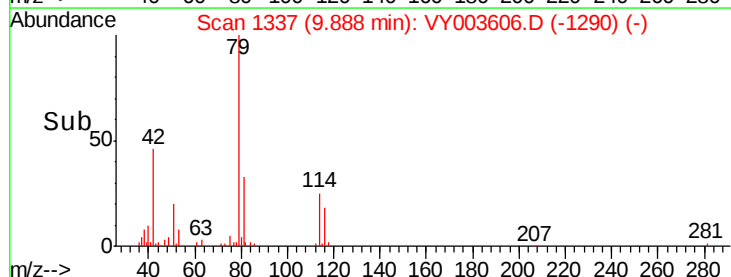
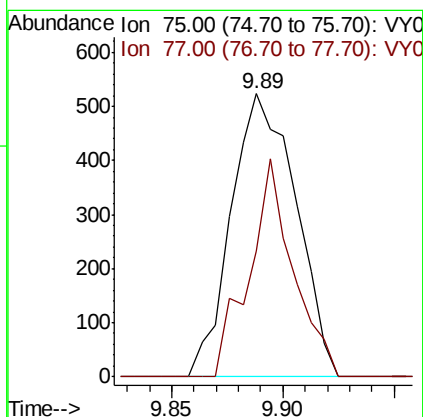
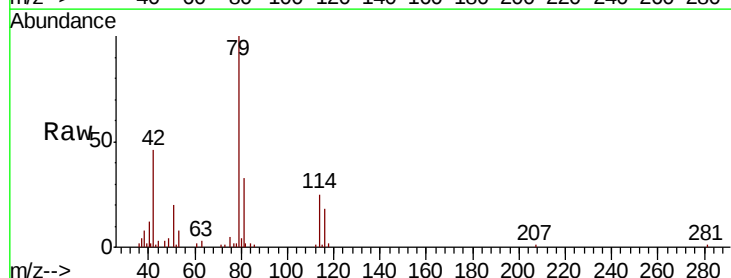
Instrument :
 MSVOA_Y
 ClientSampleId :

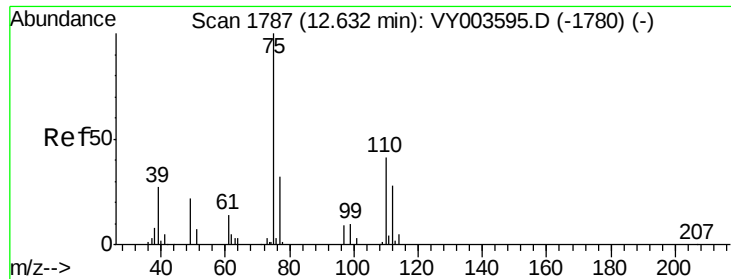
Tot Ion: 63 Resp: 3036
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#42
 cis-1,3-Dichloropropene
 Concen: 0.655 ug/L
 RT: 9.89 min Scan# 1337
 Delta R.T. -0.04 min
 Lab File: VY003606.D
 Acq: 24 Nov 2020 15:36

Tgt Ion: 75 Resp: 1056
 Ion Ratio Lower Upper
 75 100
 77 44.4 23.2 43.0#





#59

1,2,3-Trichloropropane

Concen: 4.227 ug/L

RT: 13.42 min Scan# 1917

Delta R.T. 0.79 min

Lab File: VY003606.D

Acq: 24 Nov 2020 15:36

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 3170

Ion Ratio Lower Upper

75 100

77 36.6 26.2 39.2

