

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003613.D
 Acq On : 24 Nov 2020 18:06
 Operator : SY/MD
 Sample : L4861-04
 Misc : 5.51G/10ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:04:50 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	171230	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	145843	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	50597	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	51015	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.12%
7) Chloroethane-d5	2.77	69	42166	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
10) 1,1-Dichloroethene-d2	3.86	63	81011	17.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.44%
20) 2-Butanone-d5	6.91	46	34604	36.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.74%
24) Chloroform-d	7.49	84	108810	25.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	8.14	65	61535	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.92%
29) Benzene-d6	8.11	84	216170	25.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.76%
33) 1,2-Dichloropropane-d6	9.13	67	67965	27.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.12%
37) Toluene-d8	10.18	98	177787	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.40%
38) trans-1,3-Dichloropropene-	10.44	79	28154	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.56%
39) 2-Hexanone-d5	10.79	63	25128	38.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.58%
48) 1,1,1,2,2-Tetrachloroethane-	12.56	84	49569	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.36%
61) 1,2-Dichlorobenzene-d4	13.72	152	40478	24.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.12%

Target Compounds

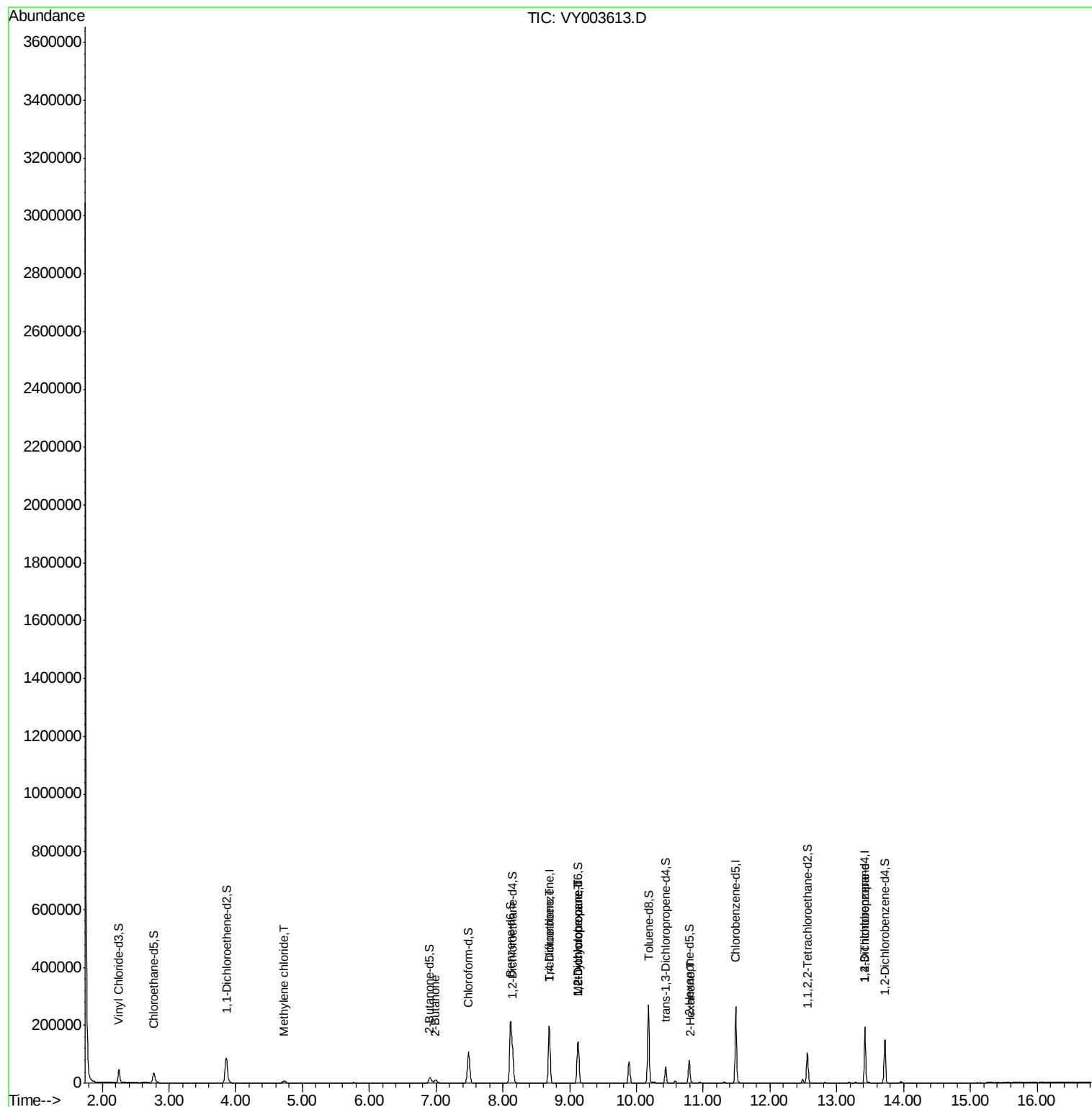
					Ovalue
16) Methylene chloride	4.72	84	5306	1.807 ug/L	93
21) 2-Butanone	6.97	43	3114	2.706 ug/L #	51
35) Trichloroethene	8.69	95	5097	2.188 ug/L #	2
36) Methylcyclohexane	9.13	83	15950	4.380 ug/L #	19
40) 1,2-Dichloropropane	9.13	63	7434	3.277 ug/L #	87
49) 2-Hexanone	10.82	43	936	0.624 ug/L #	43
59) 1,2,3-Trichloropropane	13.42	75	6116	3.675 ug/L	97

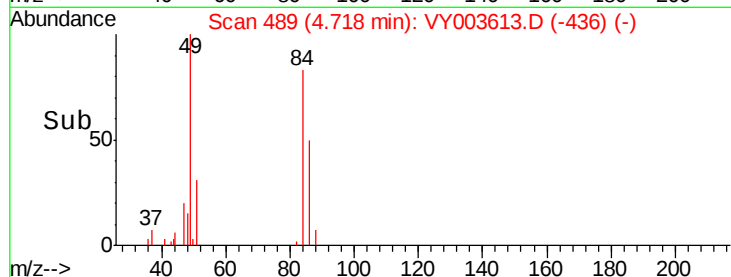
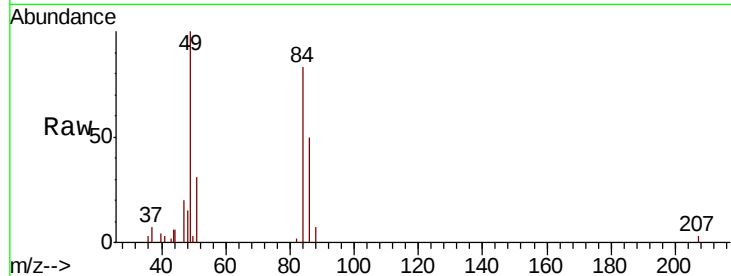
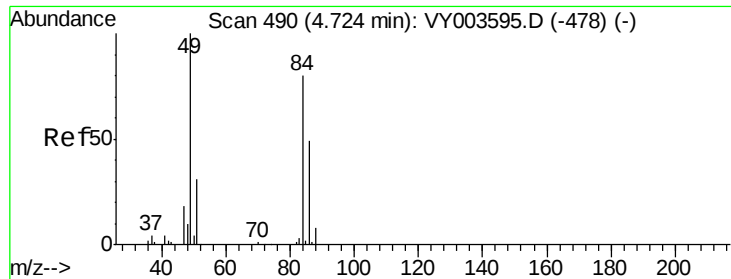
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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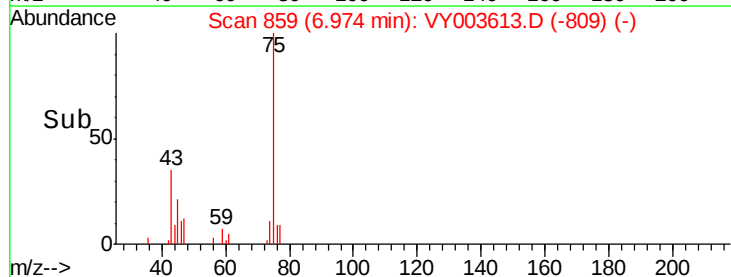
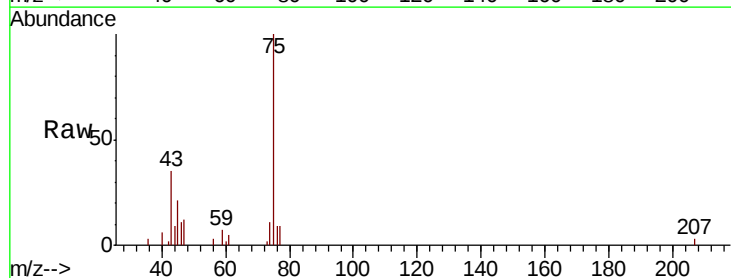
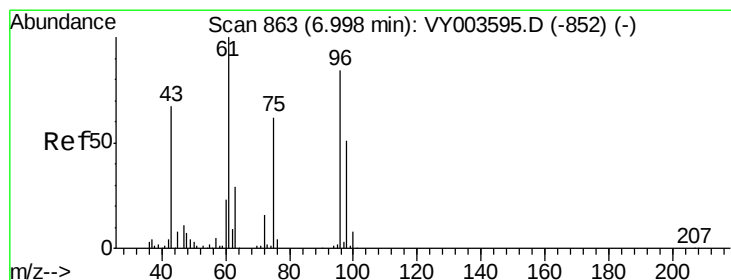
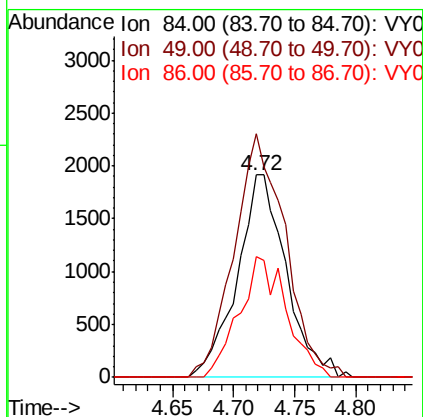
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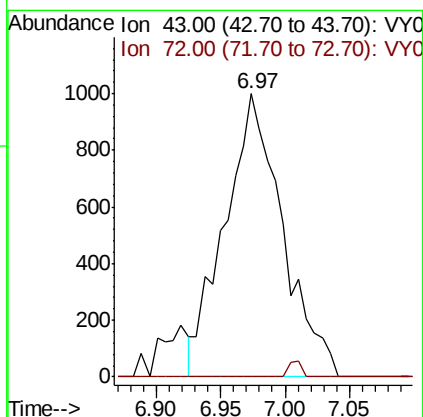
#16
Methvlene chloride
Concen: 1.807 ug/L
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003613.D
Acq: 24 Nov 2020 18:06

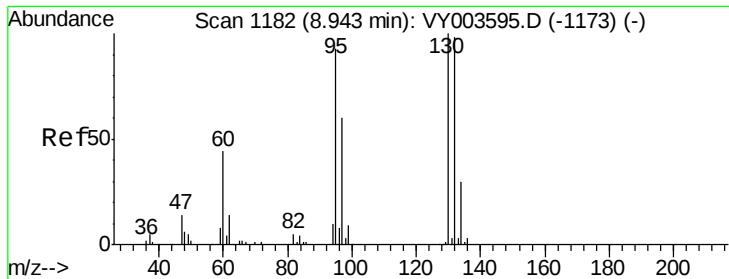
Tot Ion: 84 Resp: 5306
Ion Ratio Lower Upper
84 100
49 120.3 90.3 167.7
86 59.8 44.7 83.1



#21
2-Butanone
Concen: 2.706 ug/L
RT: 6.97 min Scan# 859
Delta R.T. -0.02 min
Lab File: VY003613.D
Acq: 24 Nov 2020 18:06

Tgt Ion: 43 Resp: 3114
Ion Ratio Lower Upper
43 100
72 1.2 13.2 39.6#





#35

Trichloroethene

Concen: 2.188 ug/L

RT: 8.69 min Scan# 1141

Delta R.T. -0.25 min

Lab File: VY003613.D

Acq: 24 Nov 2020 18:06

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 95 Resp: 5097

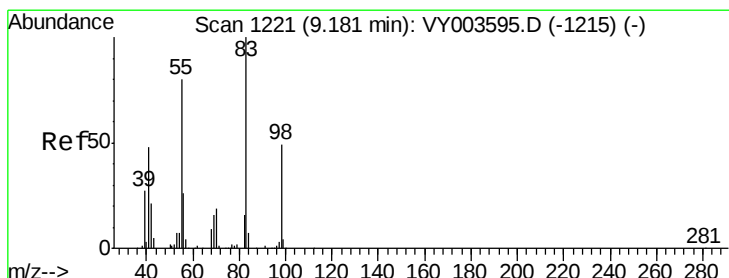
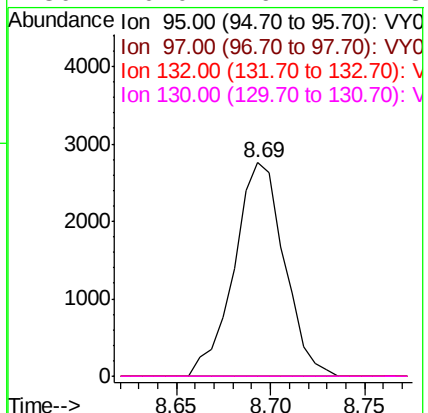
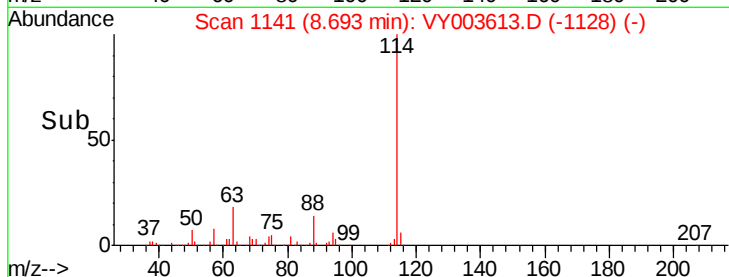
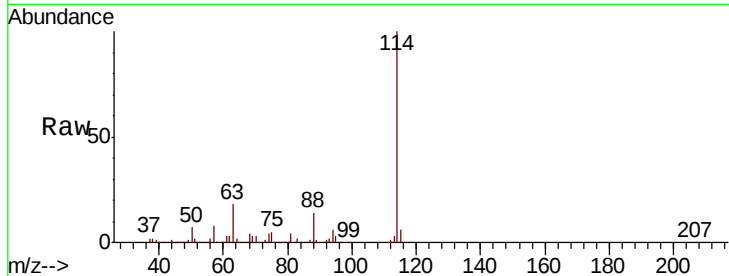
Ion Ratio Lower Upper

95 100

97 0.0 44.5 82.7#

132 0.0 73.1 135.7#

130 0.0 76.1 141.3#



#36

Methylcyclohexane

Concen: 4.380 ug/L

RT: 9.13 min Scan# 1212

Delta R.T. -0.05 min

Lab File: VY003613.D

Acq: 24 Nov 2020 18:06

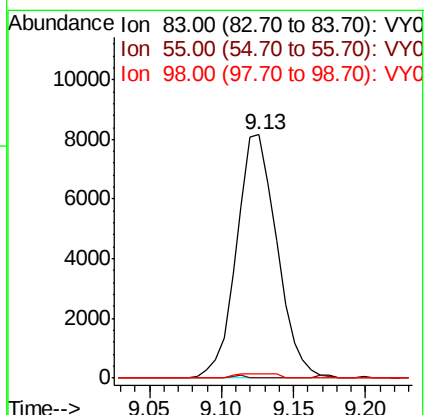
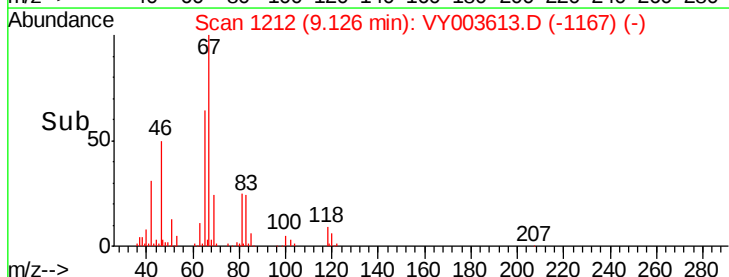
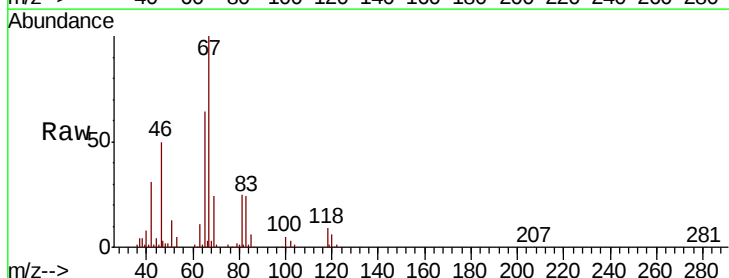
Tgt Ion: 83 Resp: 15950

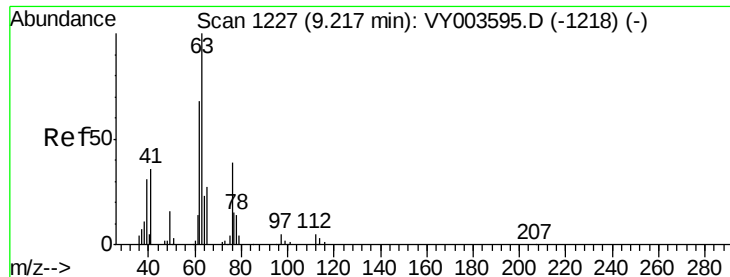
Ion Ratio Lower Upper

83 100

55 0.4 60.8 91.2#

98 1.2 40.6 61.0#

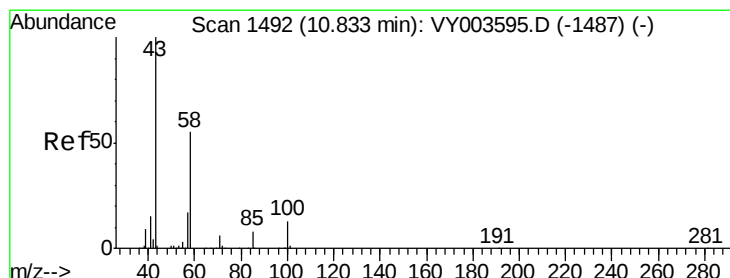
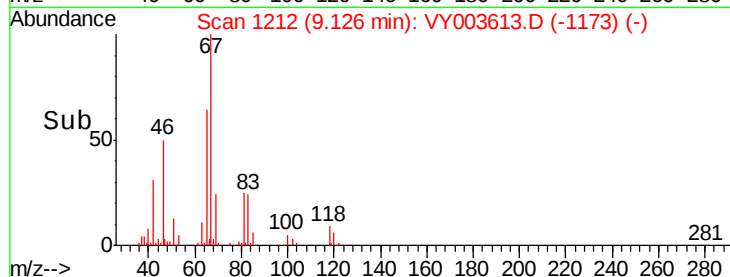
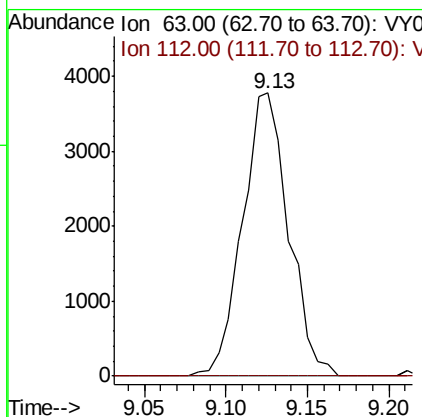
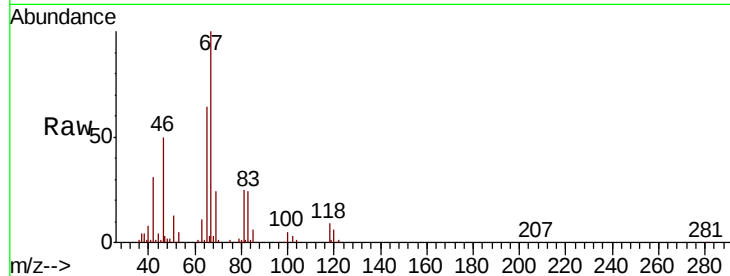




#40
 1,2-Dichloropropane
 Concen: 3.277 ug/L
 RT: 9.13 min Scan# 1212
 Delta R.T. -0.09 min
 Lab File: VY003613.D
 Acq: 24 Nov 2020 18:06

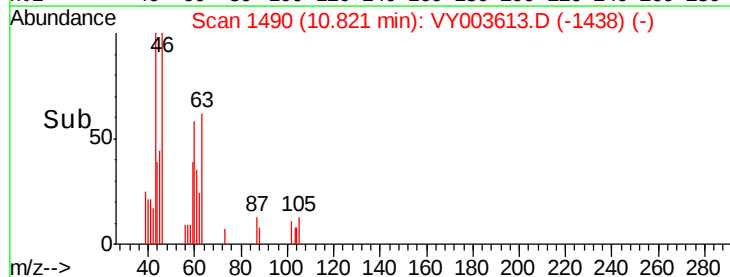
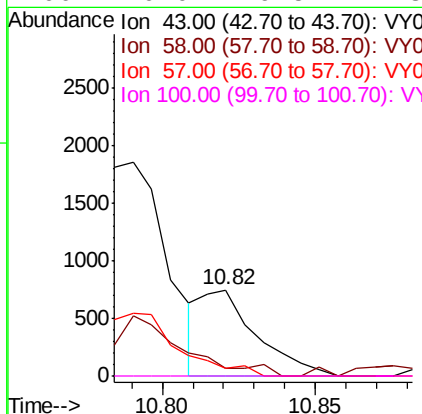
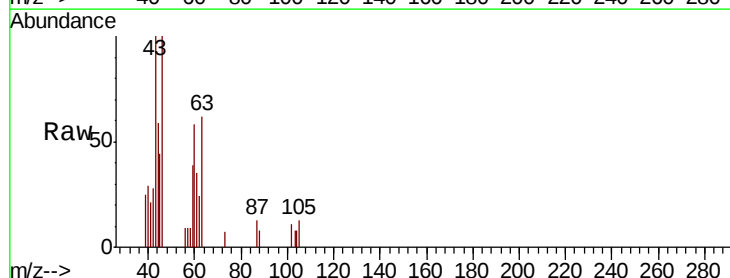
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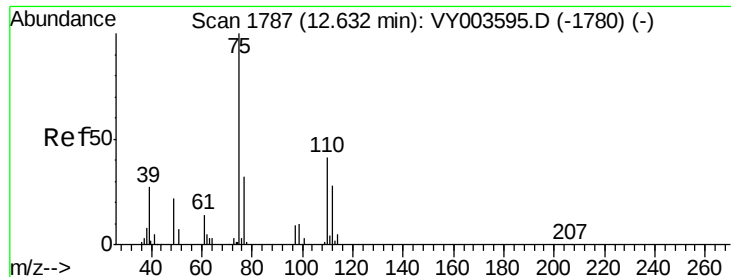
Tot Ion: 63 Resp: 7434
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#49
 2-Hexanone
 Concen: 0.624 ug/L
 RT: 10.82 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: VY003613.D
 Acq: 24 Nov 2020 18:06

Tgt Ion: 43 Resp: 936
 Ion Ratio Lower Upper
 43 100
 58 3.8 42.1 63.1#
 57 0.0 14.2 21.2#
 100 0.0 9.5 14.3#





#59

1,2,3-Trichloropropane

Concen: 3.675 ug/L

RT: 13.42 min Scan# 1917

Delta R.T. 0.79 min

Lab File: VY003613.D

Acq: 24 Nov 2020 18:06

Instrument :

MSVOA_Y

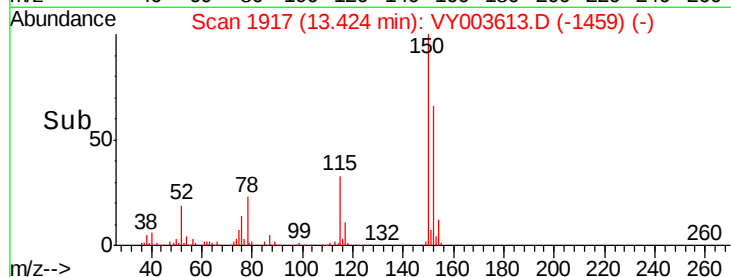
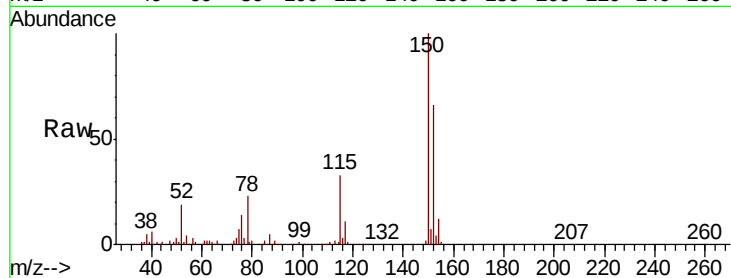
ClientSampleId :

Tot Ion: 75 Resp: 6116

Ion Ratio Lower Upper

75 100

77 34.2 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

