

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003720.D
 Acq On : 10 Dec 2020 15:45
 Operator : SY/MD
 Sample : L4979-02RE
 Misc : 1.35G/10ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F4RE

Quant Time: Dec 11 00:50:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 00:47:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	220108	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	206101	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	92085	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	58699	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.44%
7) Chloroethane-d5	2.77	69	50717	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	3.86	63	88681	15.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.56%
20) 2-Butanone-d5	6.90	46	33395	30.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.18%
24) Chloroform-d	7.49	84	128072	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	8.15	65	65449	20.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.16%
29) Benzene-d6	8.12	84	270200	22.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.56%
33) 1,2-Dichloropropane-d6	9.12	67	79548	22.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.12%
37) Toluene-d8	10.18	98	253998	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.00%
38) trans-1,3-Dichloropropene-	10.44	79	34921	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.76%
39) 2-Hexanone-d5	10.79	63	28282	31.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.94%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	57024	18.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.52%
61) 1,2-Dichlorobenzene-d4	13.72	152	80907	24.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.72%

Target Compounds

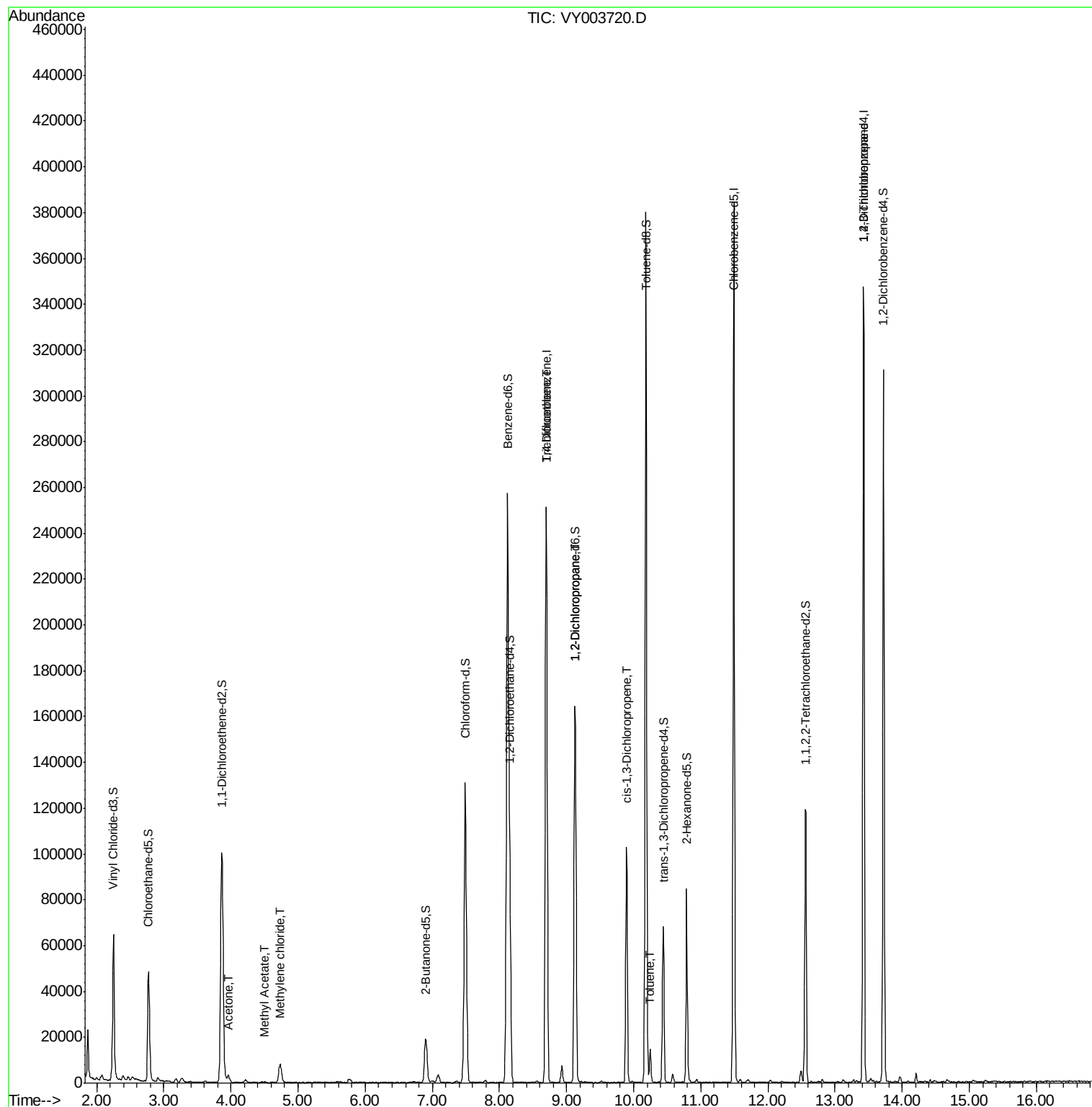
					Ovalue
13) Acetone	3.97	43	4479	5.506	ug/L 100
15) Methyl Acetate	4.50	43	912	0.446	ug/L # 61
16) Methylene chloride	4.73	84	6196	1.603	ug/L 93
35) Trichloroethene	8.69	95	3541	1.094	ug/L # 2
40) 1,2-Dichloropropane	9.12	63	8684	2.937	ug/L # 86
42) cis-1,3-Dichloropropene	9.89	75	2685	0.577	ug/L # 80
44) Toluene	10.25	91	10491	0.844	ug/L 93
59) 1,2,3-Trichloropropane	13.42	75	11194	4.581	ug/L 96

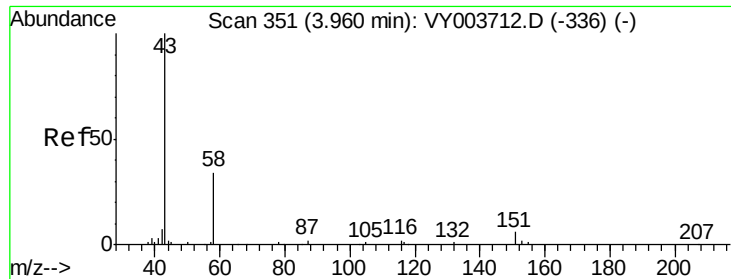
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
Data File : VY003720.D
Acq On : 10 Dec 2020 15:45
Operator : SY/MD
Sample : L4979-02RE
Misc : 1.35G/10ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GB1F4RE

Quant Time: Dec 11 00:50:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 00:47:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.506 ug/L

RT: 3.97 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY003720.D

Acq: 10 Dec 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

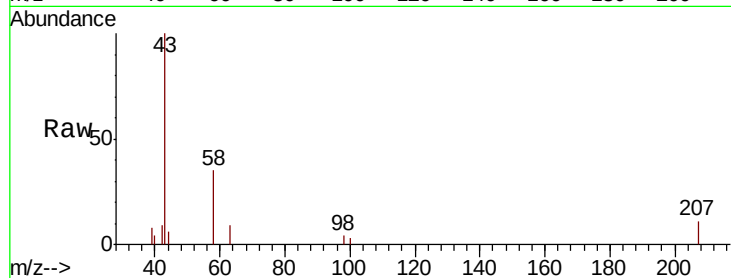
GB1F4RE

Tot Ion: 43 Resp: 4479

Ion Ratio Lower Upper

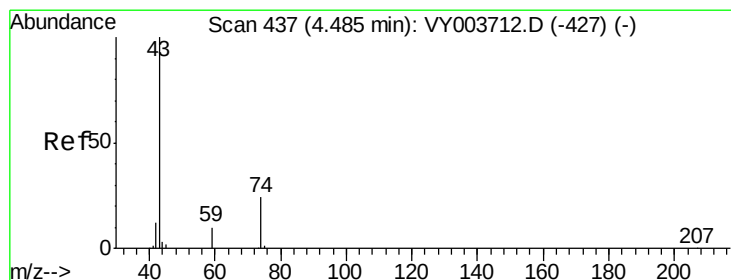
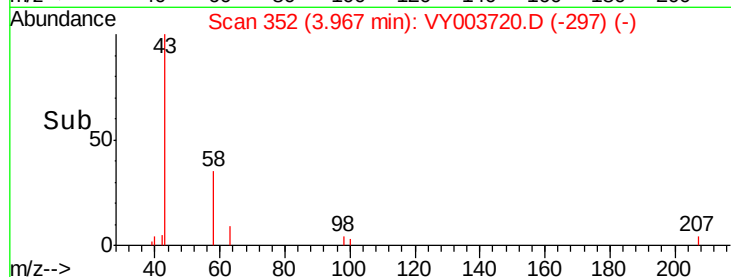
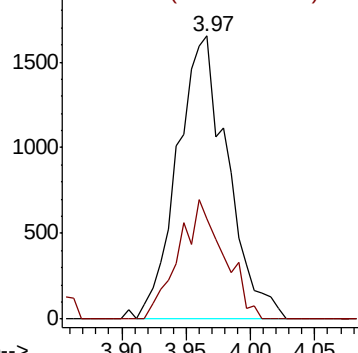
43 100

58 34.3 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#15

Methyl Acetate

Concen: 0.446 ug/L

RT: 4.50 min Scan# 439

Delta R.T. 0.01 min

Lab File: VY003720.D

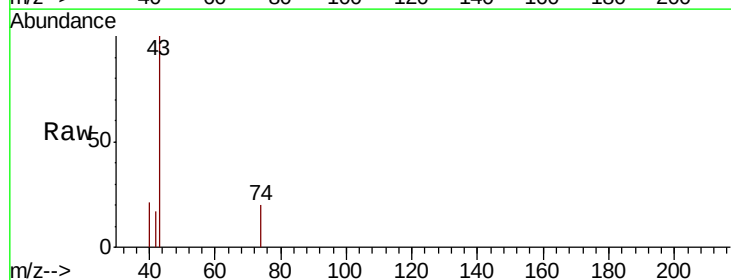
Acq: 10 Dec 2020 15:45

Tgt Ion: 43 Resp: 912

Ion Ratio Lower Upper

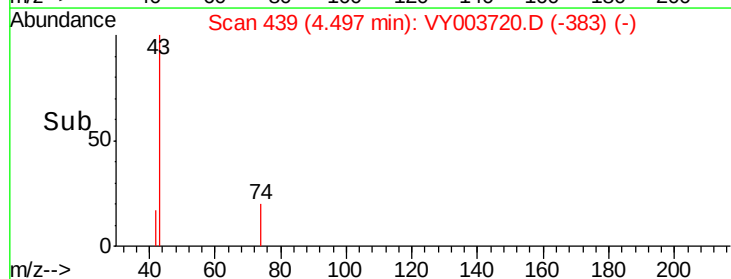
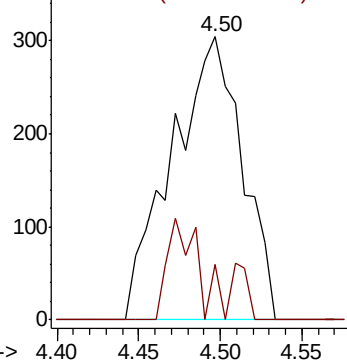
43 100

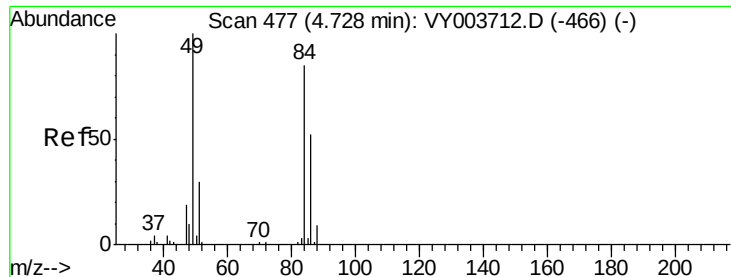
74 4.6 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

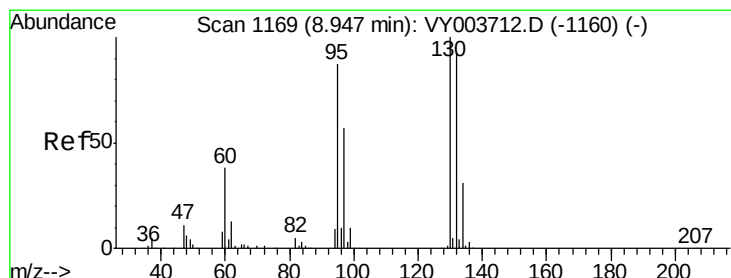
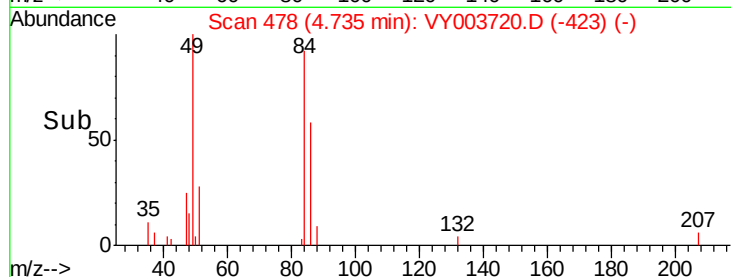
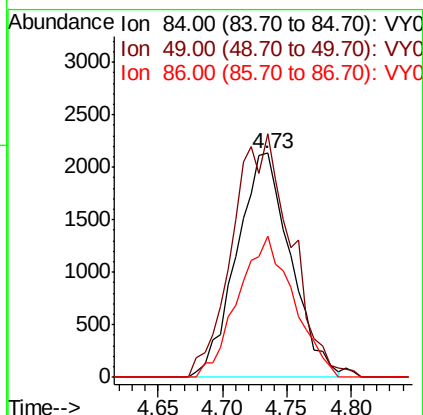
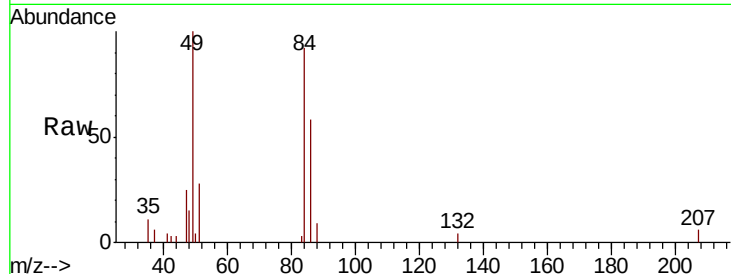




#16
Methylene chloride
Concen: 1.603 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003720.D
Acq: 10 Dec 2020 15:45

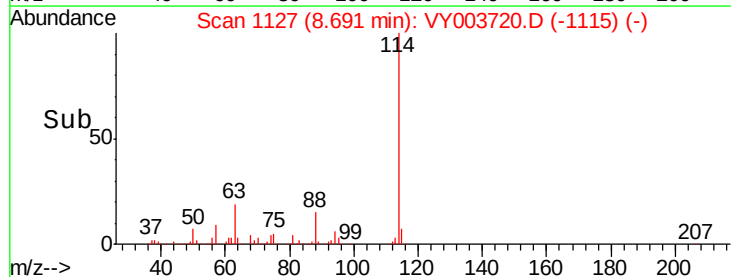
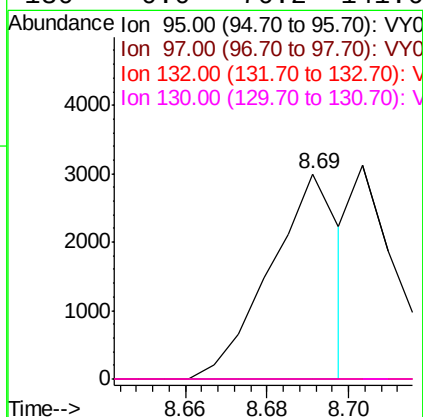
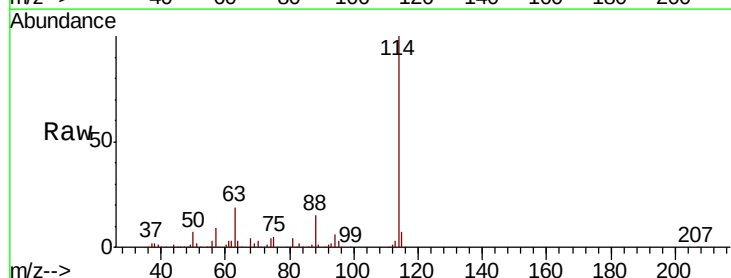
Instrument :
MSVOA_Y
ClientSampleId :
GB1F4RE

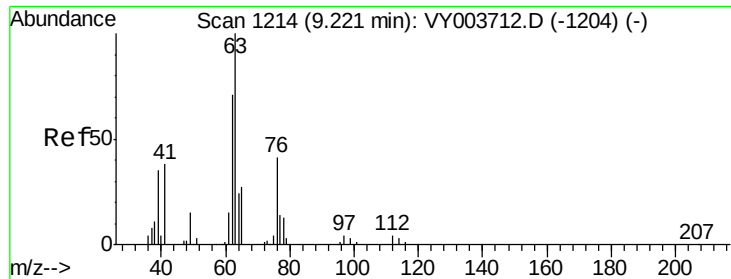
Tot Ion: 84 Resp: 6196
Ion Ratio Lower Upper
84 100
49 108.6 83.7 155.4
86 63.1 45.0 83.6



#35
Trichloroethene
Concen: 1.094 ug/L
RT: 8.69 min Scan# 1127
Delta R.T. -0.26 min
Lab File: VY003720.D
Acq: 10 Dec 2020 15:45

Tgt Ion: 95 Resp: 3541
Ion Ratio Lower Upper
95 100
97 0.0 45.8 85.0#
132 1.4 74.2 137.8#
130 0.0 76.2 141.6#





#40

1,2-Dichloropropane

Concen: 2.937 ug/L

RT: 9.12 min Scan# 1198

Delta R.T. -0.10 min

Lab File: VY003720.D

Acq: 10 Dec 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

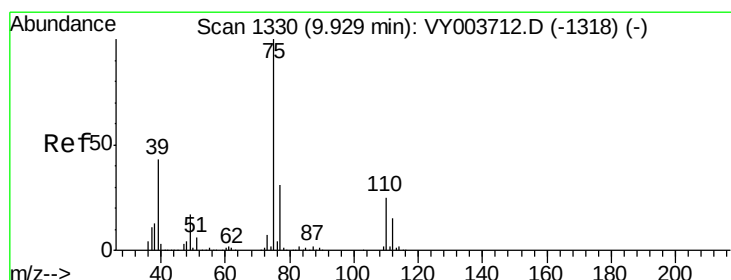
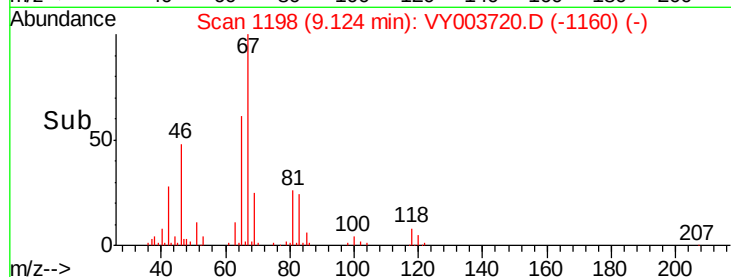
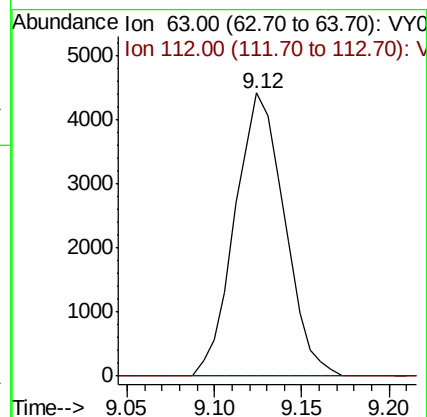
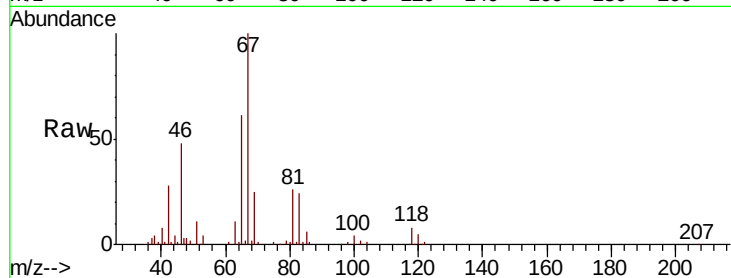
GB1F4RE

Tot Ion: 63 Resp: 8684

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#42

cis-1,3-Dichloropropene

Concen: 0.577 ug/L

RT: 9.89 min Scan# 1323

Delta R.T. -0.04 min

Lab File: VY003720.D

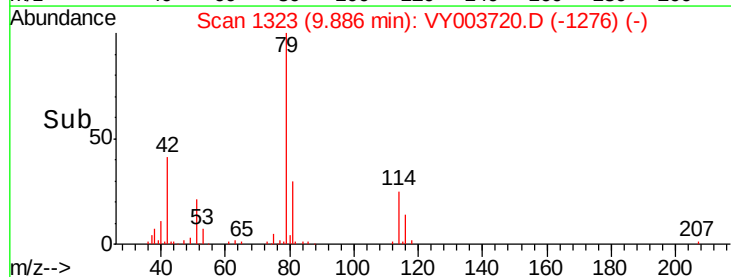
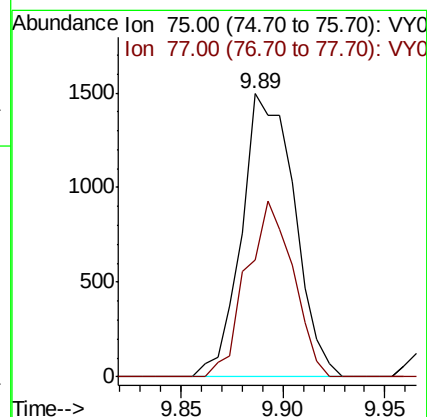
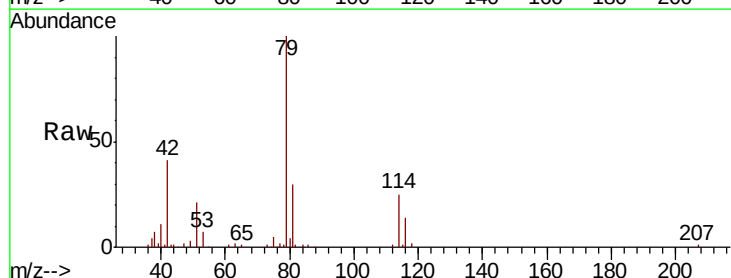
Acq: 10 Dec 2020 15:45

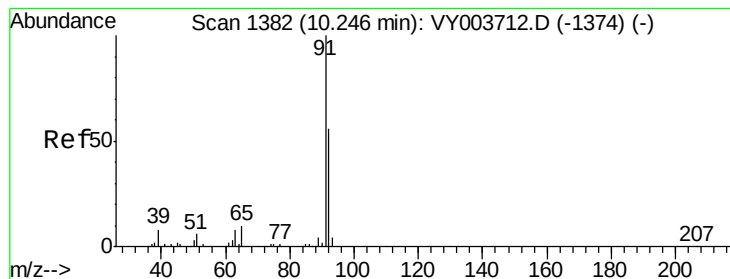
Tgt Ion: 75 Resp: 2685

Ion Ratio Lower Upper

75 100

77 41.4 21.3 39.6#





#44

Toluene

Concen: 0.844 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VY003720.D

Acq: 10 Dec 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

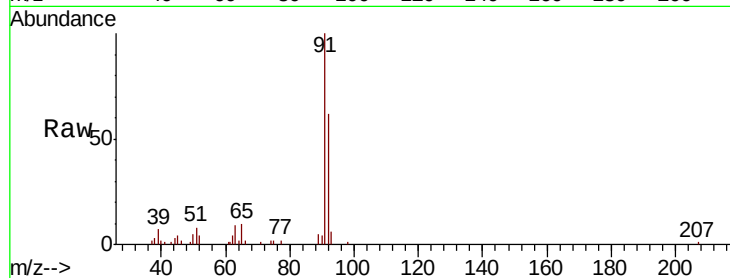
GB1F4RE

Tot Ion: 91 Resp: 10491

Ion Ratio Lower Upper

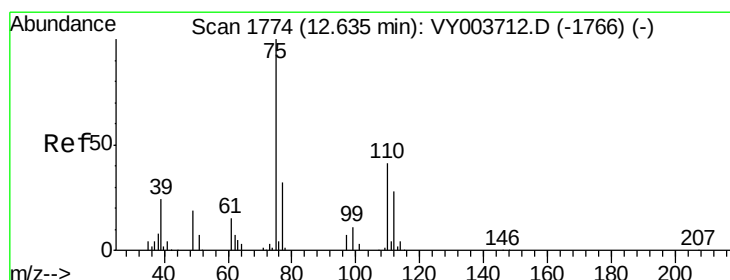
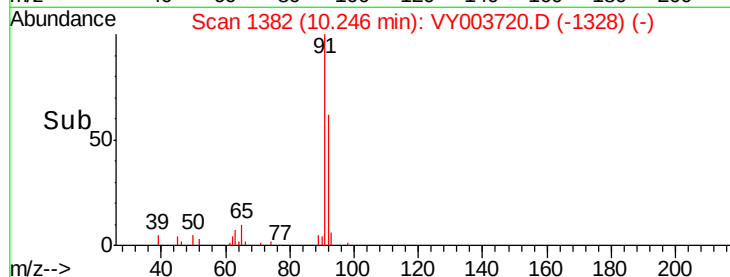
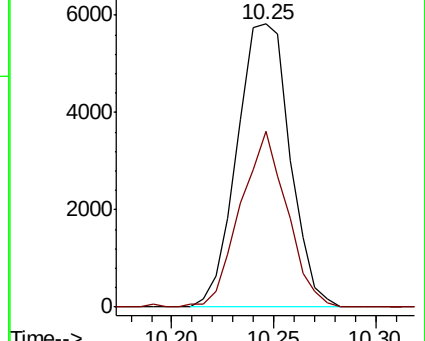
91 100

92 62.3 39.8 73.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0



#59

1,2,3-Trichloropropane

Concen: 4.581 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003720.D

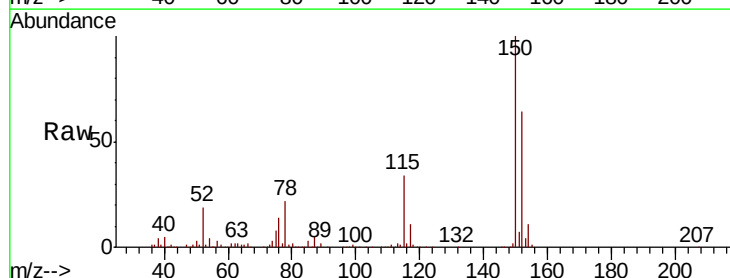
Acq: 10 Dec 2020 15:45

Tgt Ion: 75 Resp: 11194

Ion Ratio Lower Upper

75 100

77 30.2 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

