

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120720\
 Data File : VY003673.D
 Acq On : 07 Dec 2020 16:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-06

Quant Time: Dec 08 00:45:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 00:43:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	260558	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	242498	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.43	152	121004	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	56085	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.68%
7) Chloroethane-d5	2.77	69	50384	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	3.86	63	98763	17.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.24%
21) 2-Butanone-d5	6.90	46	69780	53.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.02%
24) Chloroform-d	7.49	84	139303	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.15	65	80616	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.44%
32) Benzene-d6	8.12	84	298160	24.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.32%
36) 1,2-Dichloropropane-d6	9.12	67	93740	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.72%
41) Toluene-d8	10.18	98	264492	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.92%
43) trans-1,3-Dichloropropene-	10.44	79	43587	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.64%
47) 2-Hexanone-d5	10.79	63	54745	53.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.02%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	84968	25.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.84%
66) 1,2-Dichlorobenzene-d4	13.73	152	100673	25.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.44%

Target Compounds

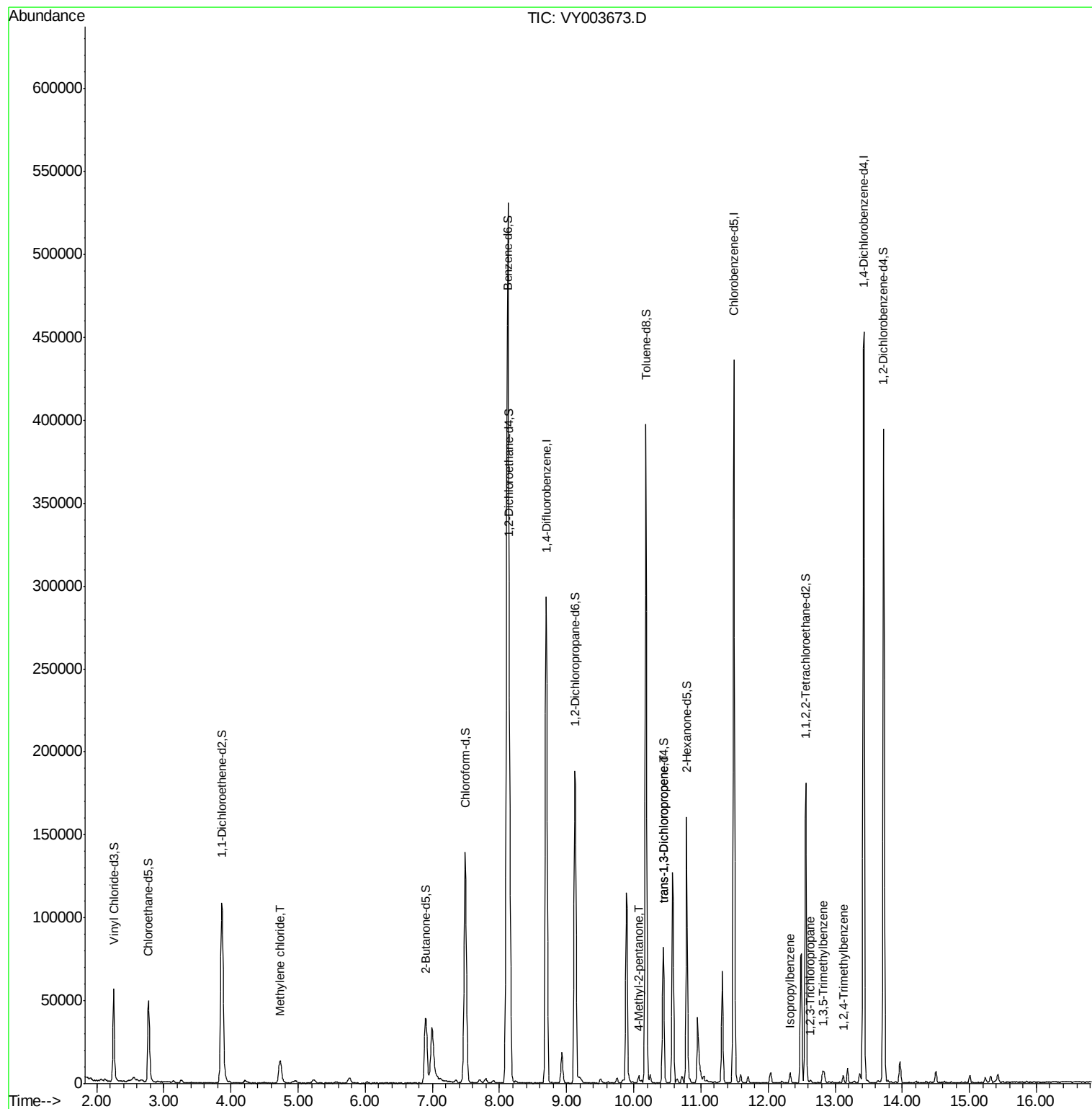
					Ovalue
16) Methylene chloride	4.73	84	10619	2.331 ug/L	97
40) 4-Methyl-2-pentanone	10.08	43	3253	1.049 ug/L	97
44) trans-1,3-Dichloropropene	10.44	75	1949	0.387 ug/L	86
60) Isopropylbenzene	12.33	105	3191	0.217 ug/L #	93
61) 1,2,3-Trichloropropane	12.63	75	860	0.319 ug/L #	50
62) 1,3,5-Trimethylbenzene	12.82	105	2423	0.208 ug/L	93
63) 1,2,4-Trimethylbenzene	13.12	105	2562	0.221 ug/L	97

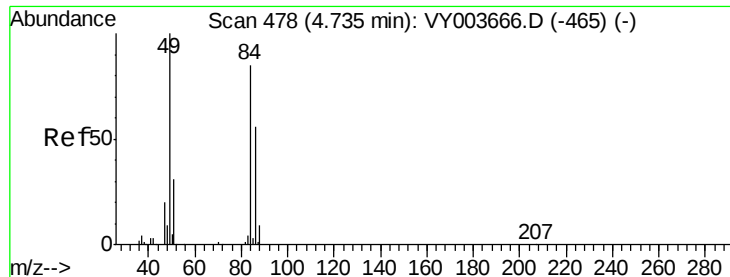
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120720\
Data File : VY003673.D
Acq On : 07 Dec 2020 16:24
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-06

Quant Time: Dec 08 00:45:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 08 00:43:44 2020
Response via : Initial Calibration

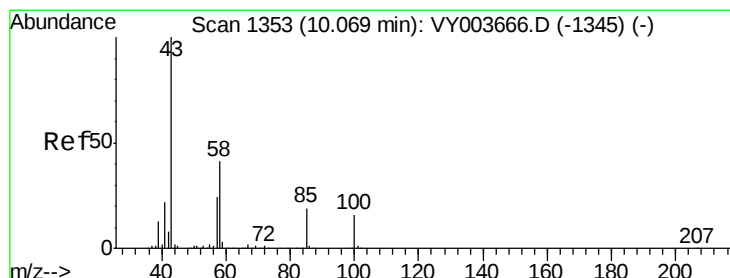
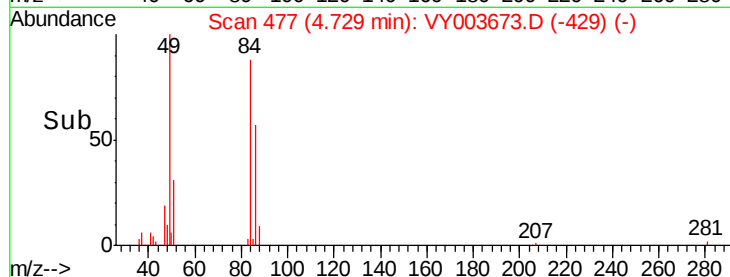
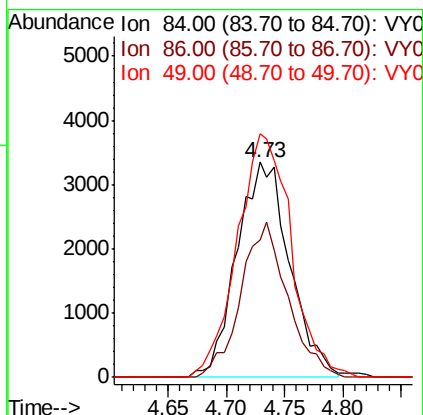
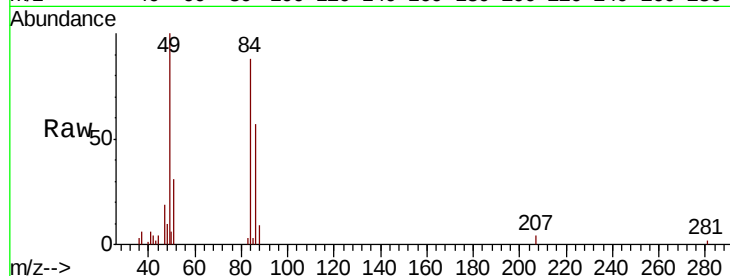




#16
Methvlene chloride
Concen: 2.331 ug/L
RT: 4.73 min Scan# 477
Delta R.T. -0.01 min
Lab File: VY003673.D
Acq: 07 Dec 2020 16:24

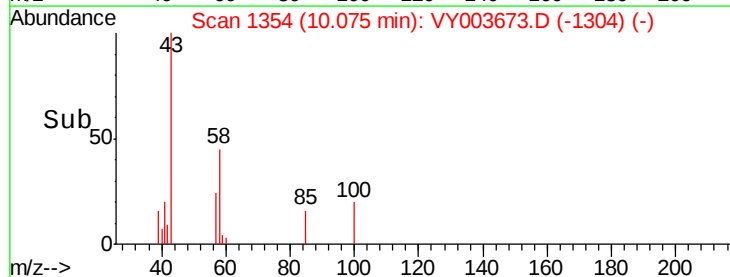
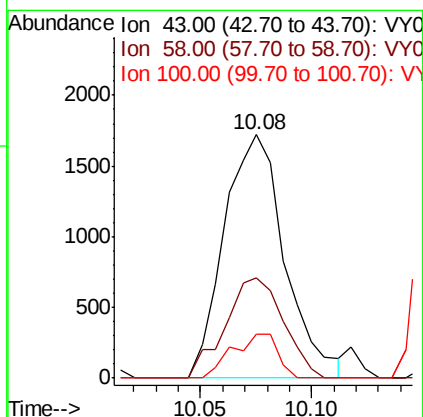
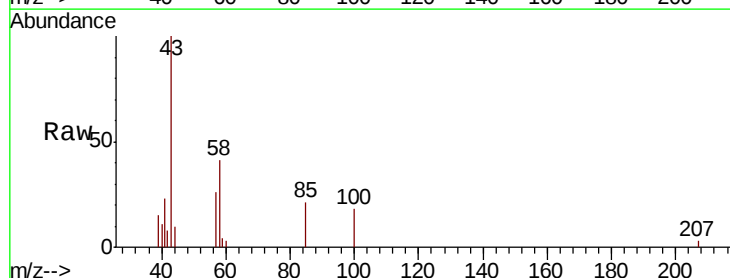
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-06

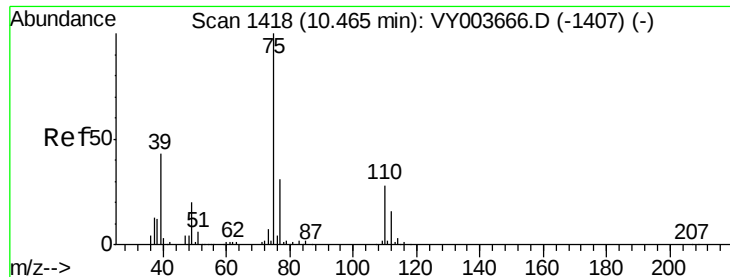
Tot Ion: 84 Resp: 10619
Ion Ratio Lower Upper
84 100
86 64.2 45.2 84.0
49 113.2 83.1 154.3



#40
4-Methyl-2-pentanone
Concen: 1.049 ug/L
RT: 10.08 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VY003673.D
Acq: 07 Dec 2020 16:24

Tgt Ion: 43 Resp: 3253
Ion Ratio Lower Upper
43 100
58 39.8 32.6 48.8
100 13.5 13.1 19.7





#44

trans-1,3-Dichloropropene

Concen: 0.387 ug/L

RT: 10.44 min Scan# 1414

Delta R.T. -0.02 min

Lab File: VY003673.D

Acq: 07 Dec 2020 16:24

Instrument :

MSVOA_Y

ClientSampled :

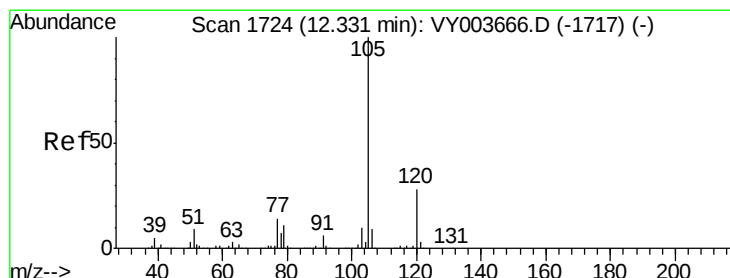
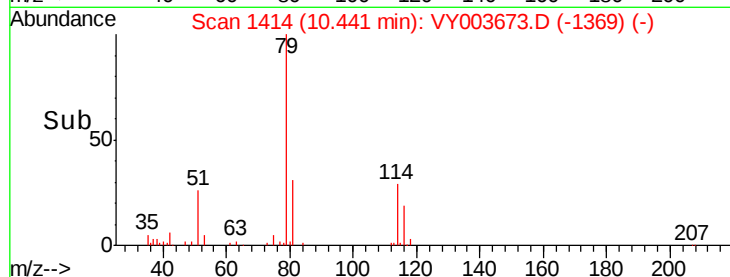
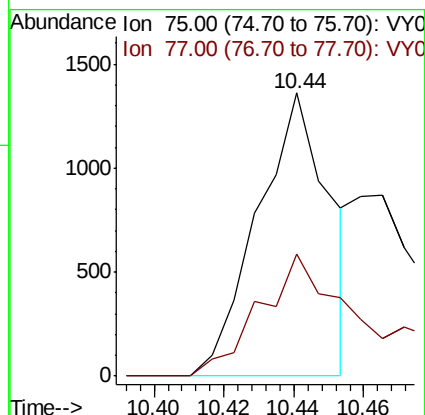
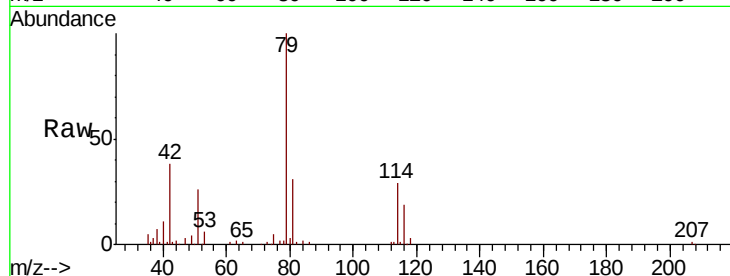
MDL-SOIL-06

Tot Ion: 75 Resp: 1949

Ion Ratio Lower Upper

75 100

77 43.4 24.7 45.9



#60

Isopropylbenzene

Concen: 0.217 ug/L

RT: 12.33 min Scan# 1724

Delta R.T. -0.00 min

Lab File: VY003673.D

Acq: 07 Dec 2020 16:24

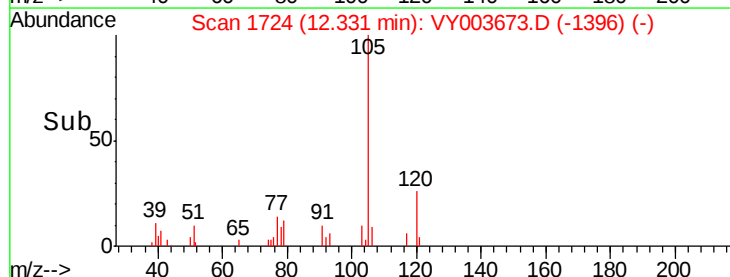
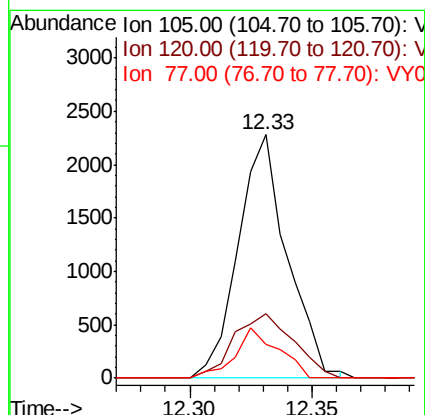
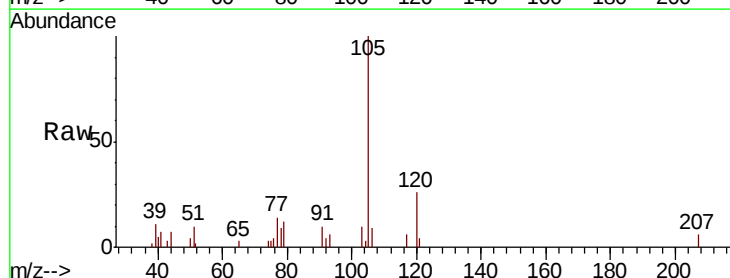
Tgt Ion: 105 Resp: 3191

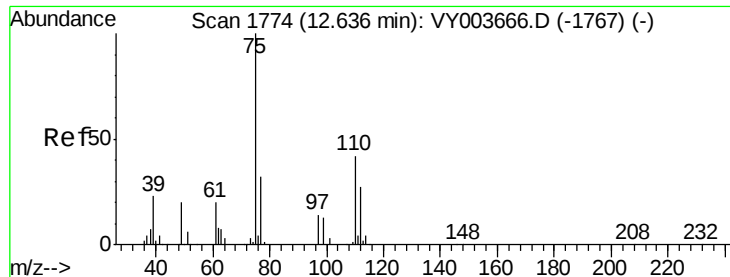
Ion Ratio Lower Upper

105 100

120 32.0 22.6 33.8

77 18.1 11.9 17.9#

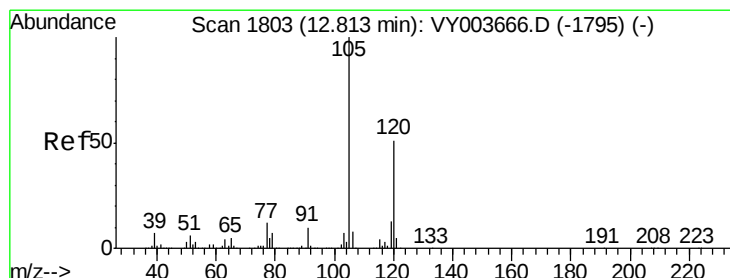
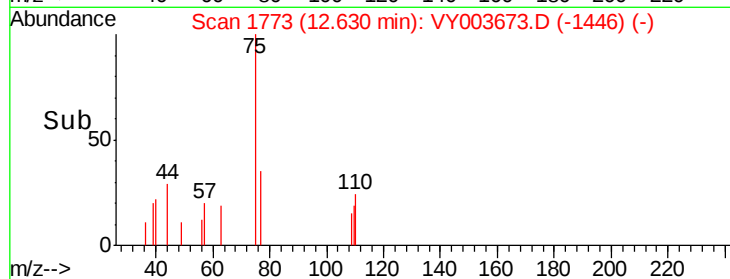
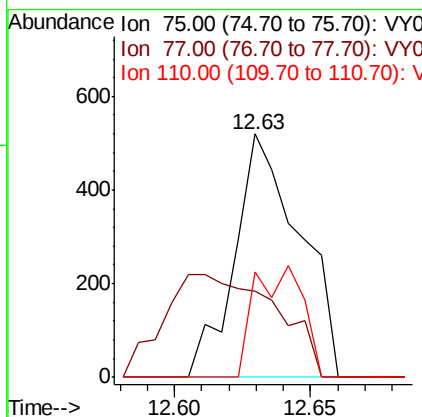
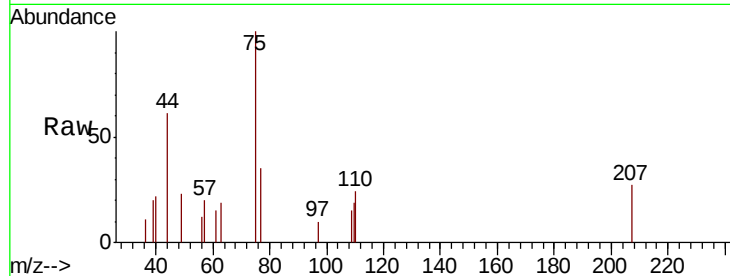




#61
 1,2,3-Trichloropropane
 Concen: 0.319 ug/L
 RT: 12.63 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VY003673.D
 Acq: 07 Dec 2020 16:24

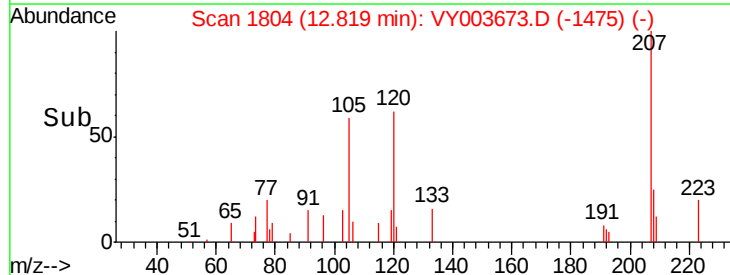
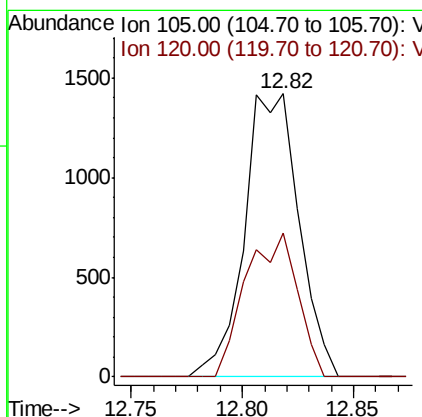
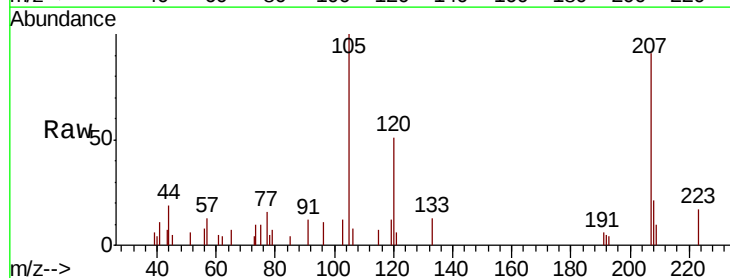
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-06

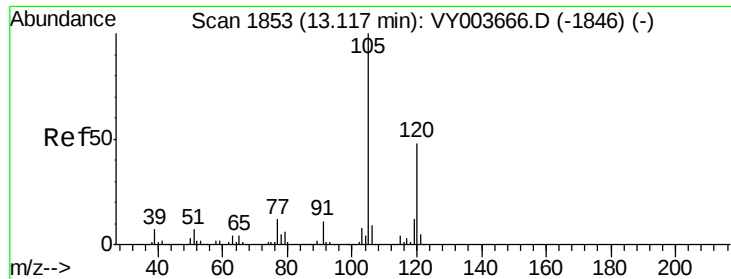
Tot Ion: 75 Resp: 860
 Ion Ratio Lower Upper
 75 100
 77 73.0 29.0 43.6#
 110 16.9 33.3 49.9#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.208 ug/L
 RT: 12.82 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VY003673.D
 Acq: 07 Dec 2020 16:24

Tgt Ion: 105 Resp: 2423
 Ion Ratio Lower Upper
 105 100
 120 48.1 42.2 63.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.221 ug/L
 RT: 13.12 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: VY003673.D
 Acq: 07 Dec 2020 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-06

Tot Ion:105 Resp: 2562
 Ion Ratio Lower Upper
 105 100
 120 50.6 39.0 58.6

