

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111920\
 Data File : VY003547.D
 Acq On : 19 Nov 2020 14:46
 Operator : SY/MD
 Sample : VY1119SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK83

Quant Time: Nov 20 01:44:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 20 01:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	227174	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	203152	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	92926	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	51772	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.72%
7) Chloroethane-d5	2.77	69	48552	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
10) 1,1-Dichloroethene-d2	3.86	63	97877	15.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.24%
20) 2-Butanone-d5	6.90	46	61485	48.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.40%
24) Chloroform-d	7.49	84	131210	22.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.88%
26) 1,2-Dichloroethane-d4	8.14	65	75198	23.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.96%
29) Benzene-d6	8.11	84	271319	22.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.68%
33) 1,2-Dichloropropane-d6	9.12	67	81067	23.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.44%
37) Toluene-d8	10.18	98	240468	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.72%
38) trans-1,3-Dichloropropene-	10.44	79	39801	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	10.79	63	43010	47.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.32%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	67512	22.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.32%
61) 1,2-Dichlorobenzene-d4	13.72	152	72782	24.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.04%

Target Compounds

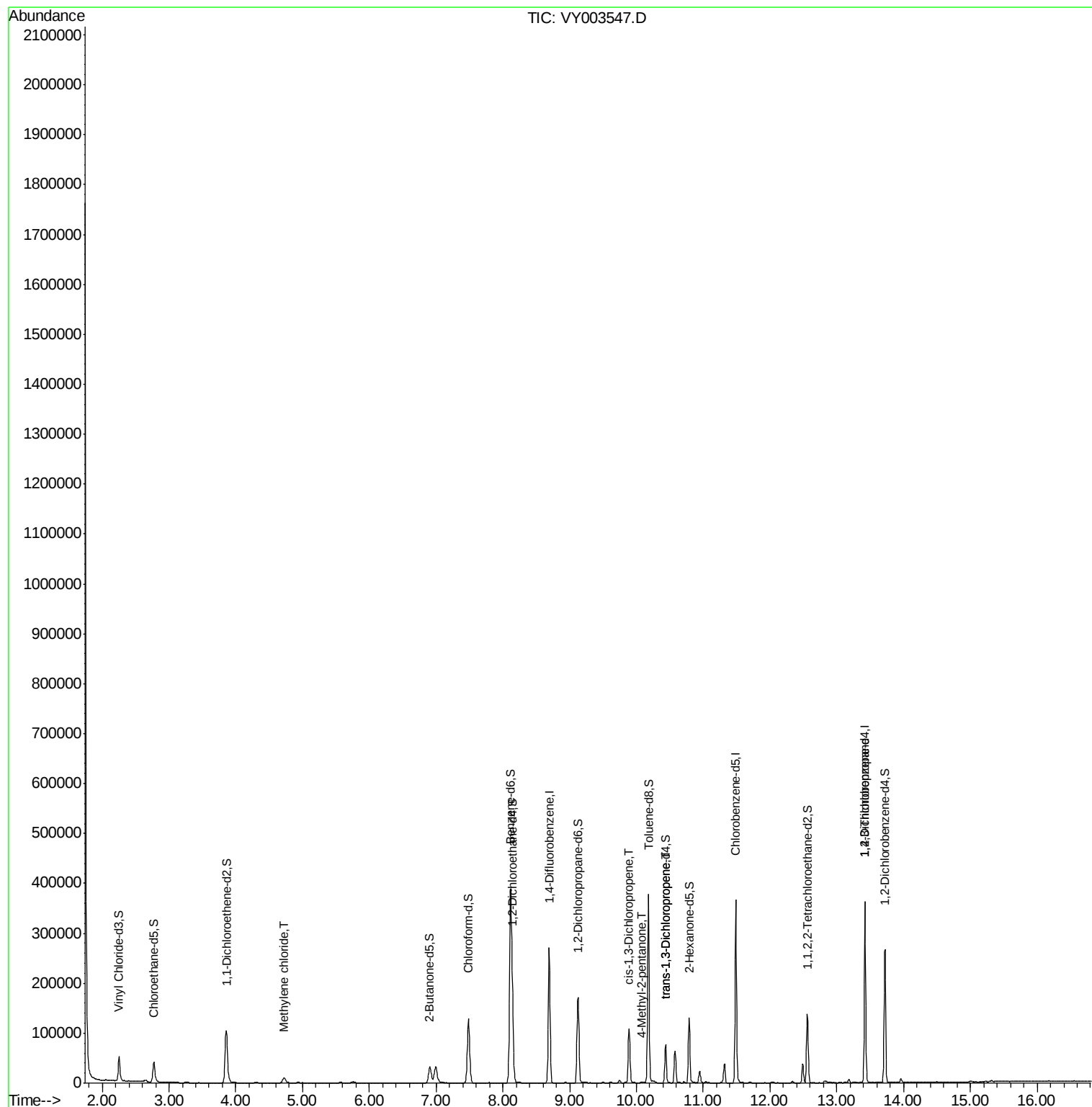
					Ovalue
16) Methylene chloride	4.72	84	8094	2.078 ug/L	96
42) cis-1,3-Dichloropropene	9.89	75	2946	0.591 ug/L #	54
43) 4-Methyl-2-pentanone	10.06	43	781	0.295 ug/L #	94
45) trans-1,3-Dichloropropene	10.44	75	2440	0.532 ug/L	93
59) 1,2,3-Trichloropropane	13.42	75	12070	5.206 ug/L	96

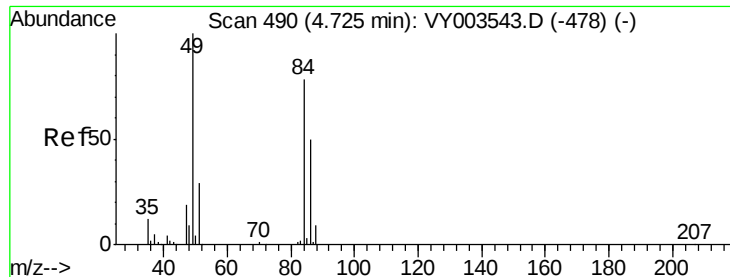
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:42:21 2020
Response via : Initial Calibration

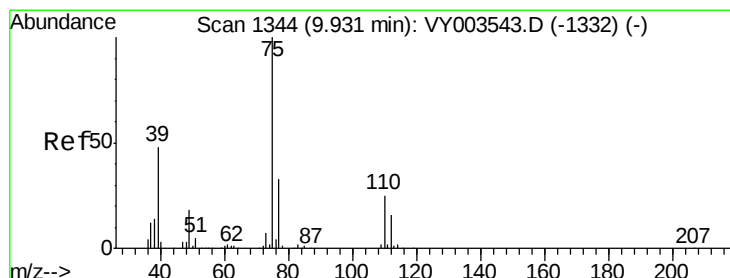
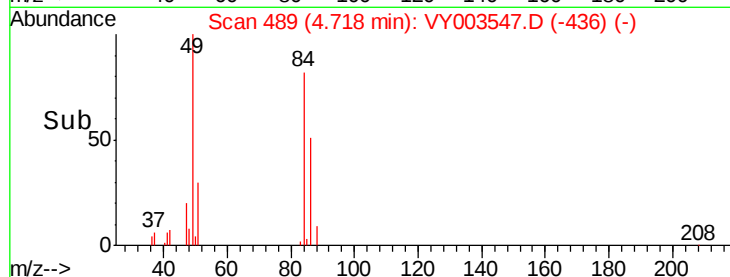
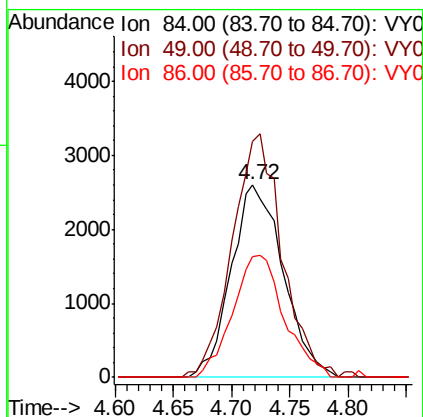
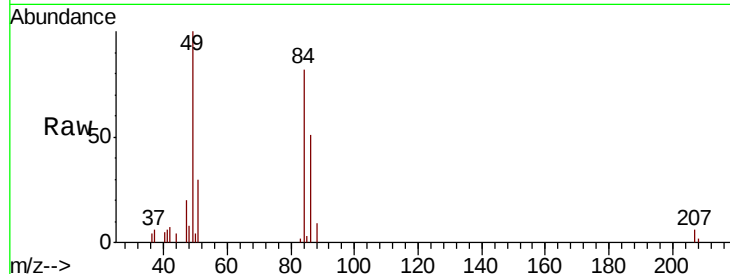




#16
Methvlene chloride
Concen: 2.078 ug/L
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003547.D
Acq: 19 Nov 2020 14:46

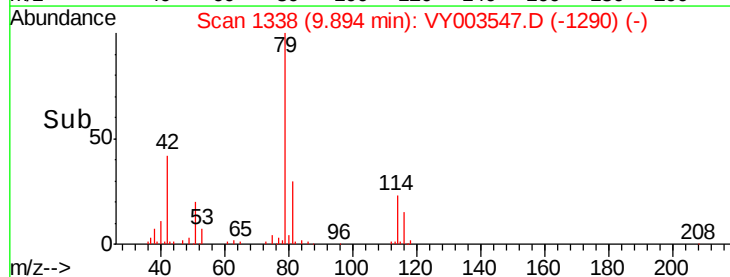
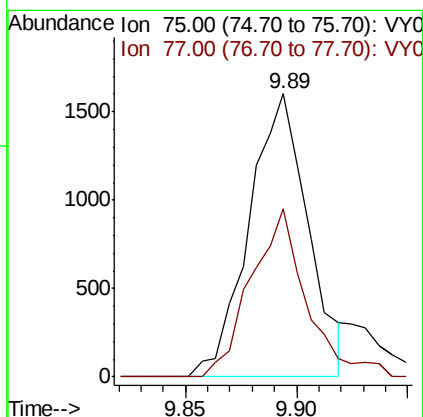
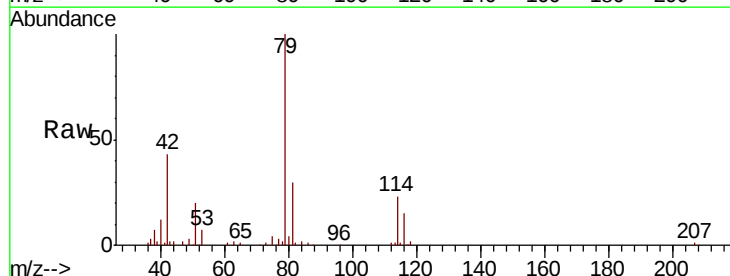
Instrument :
MSVOA_Y
ClientSampleId :
VBLK83

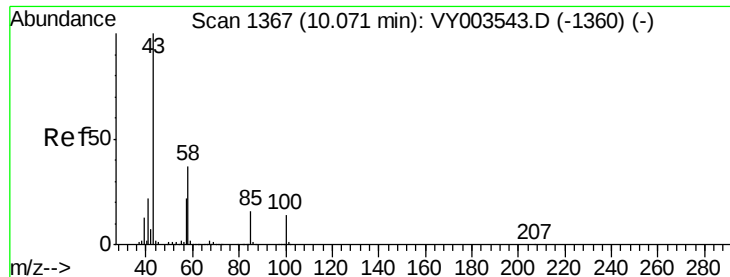
Tot Ion: 84 Resp: 8094
Ion Ratio Lower Upper
84 100
49 122.6 90.3 167.7
86 62.4 44.7 83.1



#42
cis-1,3-Dichloropropene
Concen: 0.591 ug/L
RT: 9.89 min Scan# 1338
Delta R.T. -0.04 min
Lab File: VY003547.D
Acq: 19 Nov 2020 14:46

Tgt Ion: 75 Resp: 2946
Ion Ratio Lower Upper
75 100
77 59.3 23.2 43.0#





#43

4-Methyl-2-pentanone

Concen: 0.295 ug/L

RT: 10.06 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VY003547.D

Acq: 19 Nov 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VBLK83

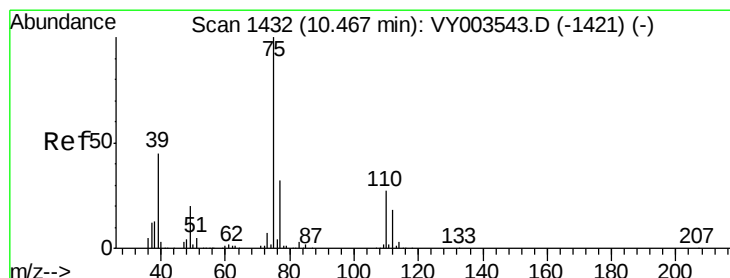
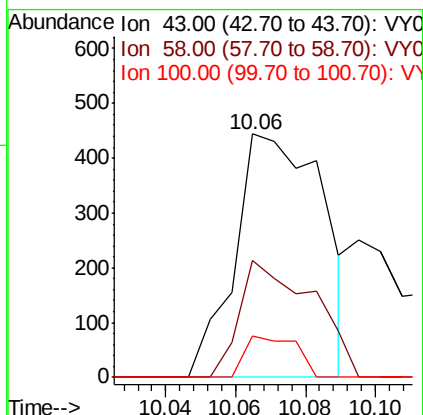
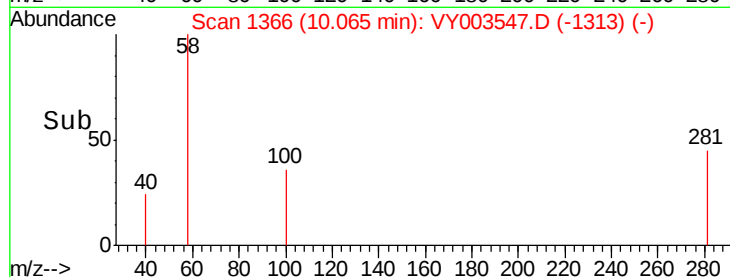
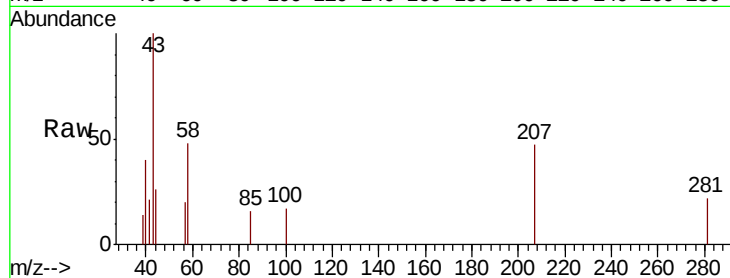
Tot Ion: 43 Resp: 781

Ion Ratio Lower Upper

43 100

58 40.1 30.2 45.2

100 9.9 11.7 17.5#



#45

trans-1,3-Dichloropropene

Concen: 0.532 ug/L

RT: 10.44 min Scan# 1427

Delta R.T. -0.03 min

Lab File: VY003547.D

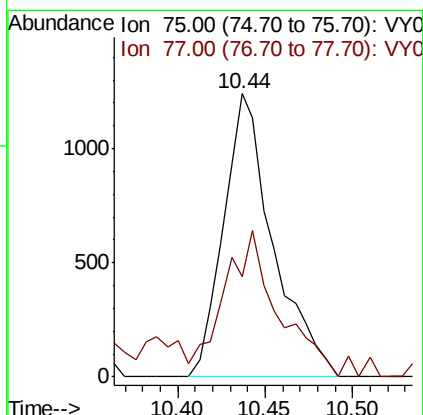
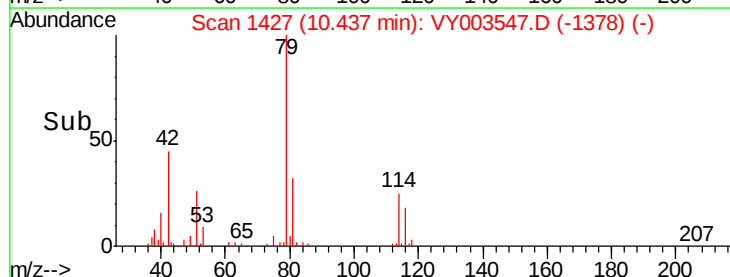
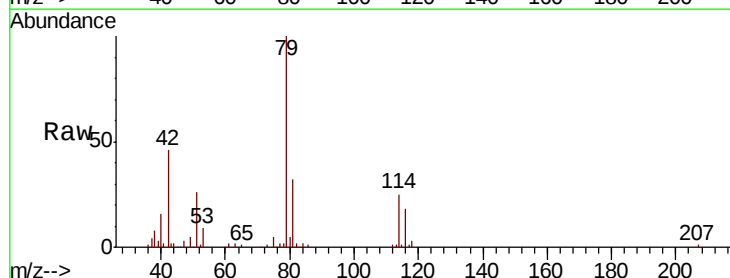
Acq: 19 Nov 2020 14:46

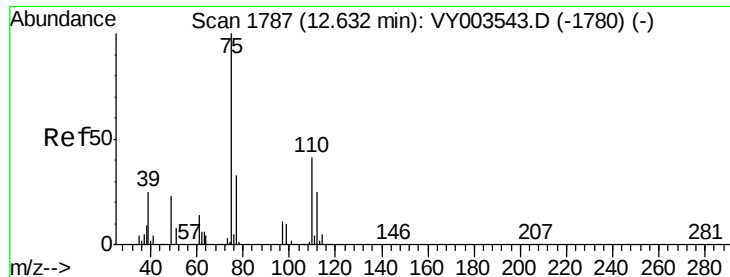
Tgt Ion: 75 Resp: 2440

Ion Ratio Lower Upper

75 100

77 35.2 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 5.206 ug/L

RT: 13.42 min Scan# 1917

Delta R.T. 0.79 min

Lab File: VY003547.D

Acq: 19 Nov 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VBLK83

Tot Ion: 75 Resp: 12070

Ion Ratio Lower Upper

75 100

77 30.6 26.2 39.2

