

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003692.D
 Acq On : 09 Dec 2020 10:58
 Operator : SY/MD
 Sample : VY1209SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK86

Quant Time: Dec 10 02:28:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 02:27:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	225395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	212549	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	105959	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	77268	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.96%
7) Chloroethane-d5	2.77	69	61053	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.56%
10) 1,1-Dichloroethene-d2	3.86	63	112852	18.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.24%
20) 2-Butanone-d5	6.90	46	46831	41.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.42%
24) Chloroform-d	7.49	84	141791	24.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	8.15	65	80312	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.44%
29) Benzene-d6	8.12	84	312801	25.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.68%
33) 1,2-Dichloropropane-d6	9.12	67	93138	25.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.32%
37) Toluene-d8	10.18	98	287510	26.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.24%
38) trans-1,3-Dichloropropene-	10.44	79	44585	25.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.48%
39) 2-Hexanone-d5	10.79	63	38501	42.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.40%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	79009	24.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.40%
61) 1,2-Dichlorobenzene-d4	13.72	152	103972	27.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.04%

Target Compounds

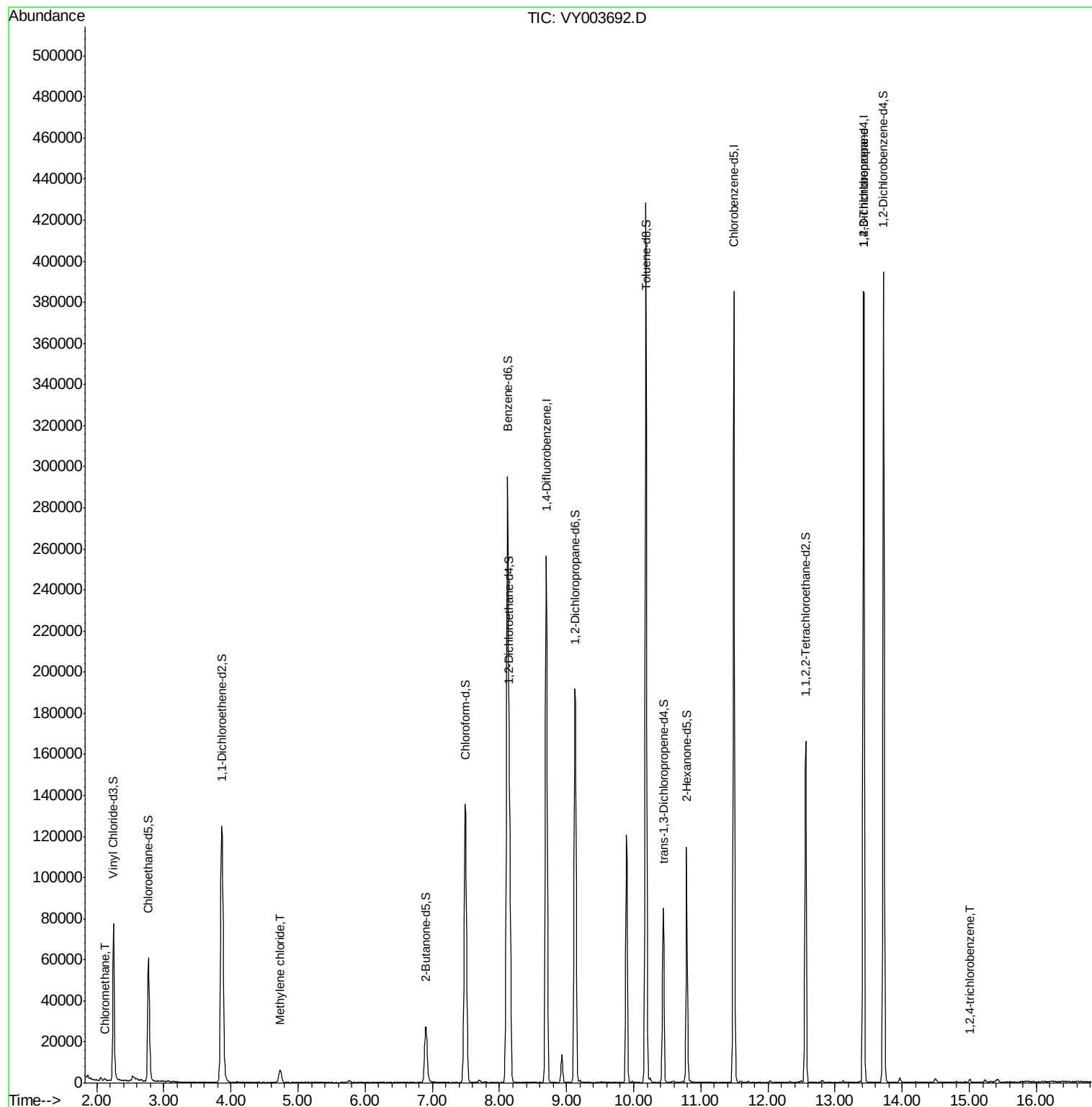
					Ovalue
3) Chloromethane	2.12	50	839	0.305 ug/L	92
16) Methylene chloride	4.73	84	2831	0.715 ug/L	93
59) 1,2,3-Trichloropropane	13.42	75	12755	5.061 ug/L	99
68) 1,2,4-trichlorobenzene	15.01	180	564	0.148 ug/L #	87

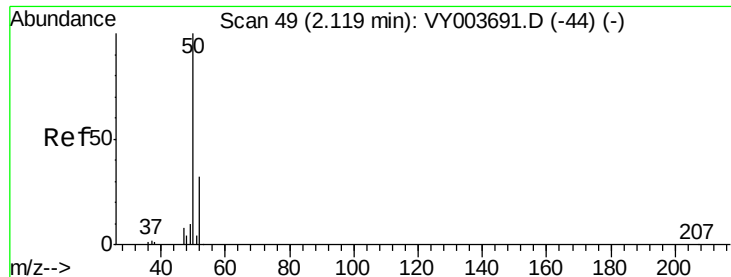
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.305 ug/L

RT: 2.12 min Scan# 49

Delta R.T. 0.00 min

Lab File: VY003692.D

Acq: 09 Dec 2020 10:58

Instrument :

MSVOA_Y

ClientSampleId :

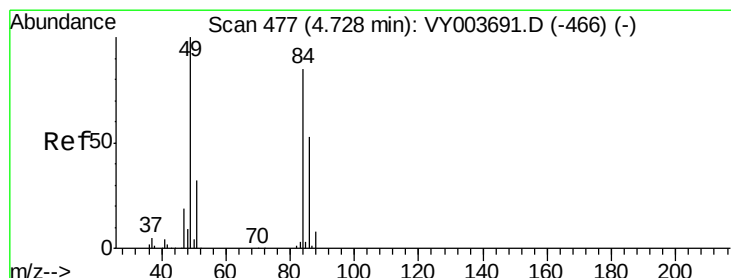
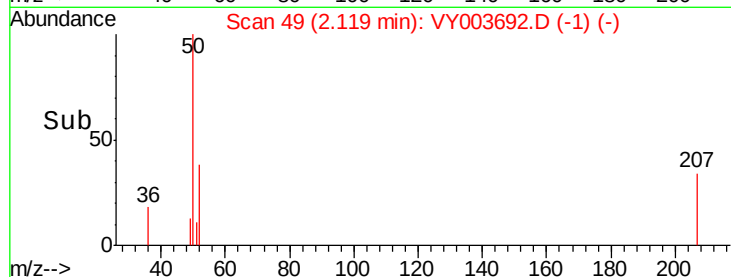
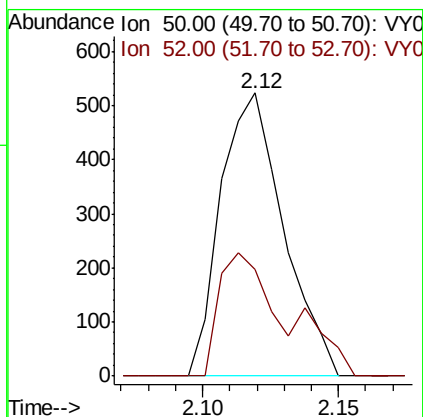
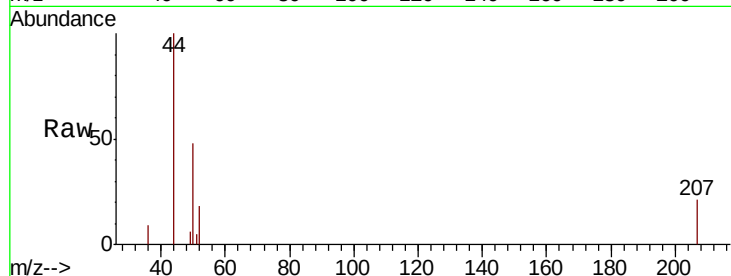
VBLK86

Tot Ion: 50 Resp: 839

Ion Ratio Lower Upper

50 100

52 37.7 23.1 42.9



#16

Methylene chloride

Concen: 0.715 ug/L

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VY003692.D

Acq: 09 Dec 2020 10:58

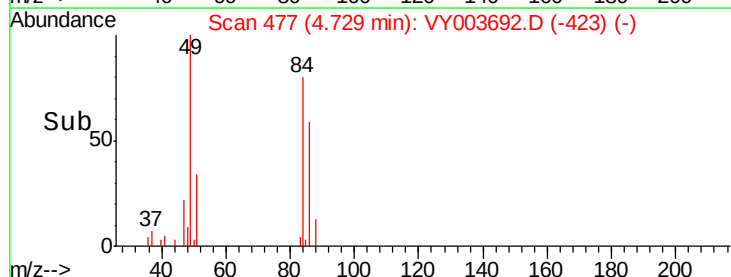
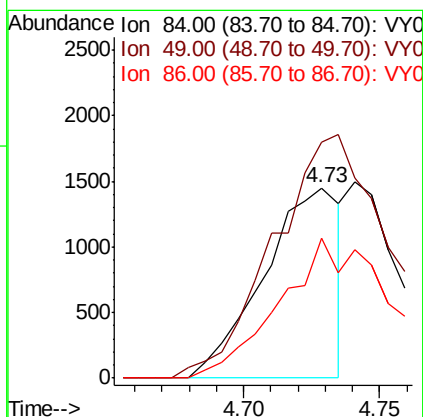
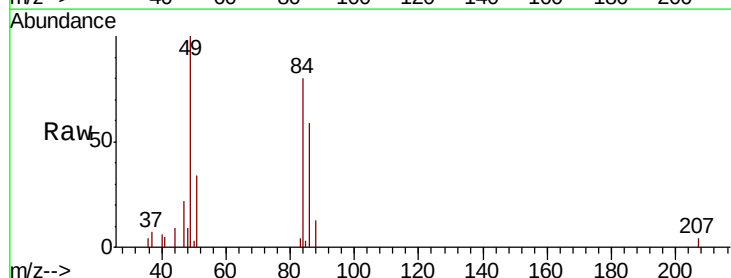
Tgt Ion: 84 Resp: 2831

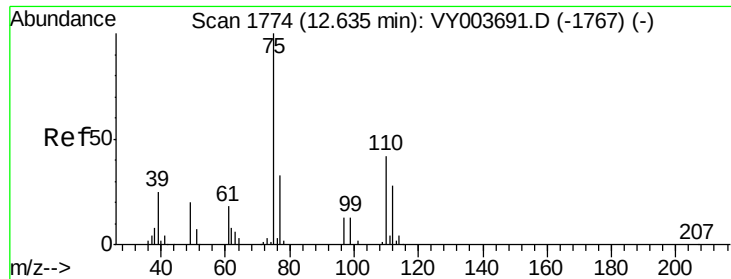
Ion Ratio Lower Upper

84 100

49 124.3 83.7 155.4

86 73.6 45.0 83.6





#59

1,2,3-Trichloropropane

Concen: 5.061 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003692.D

Acq: 09 Dec 2020 10:58

Instrument :

MSVOA_Y

ClientSampled :

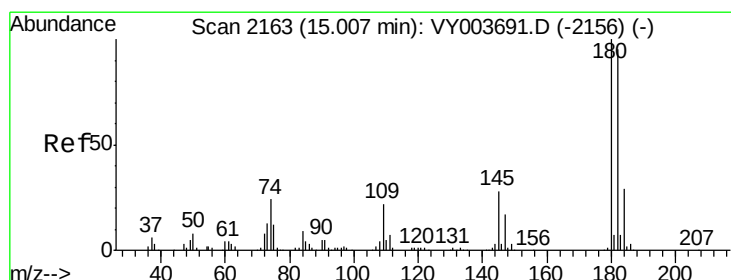
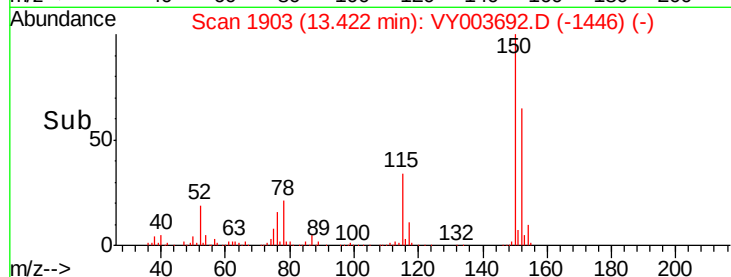
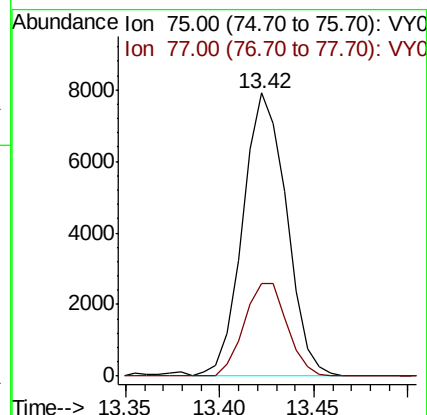
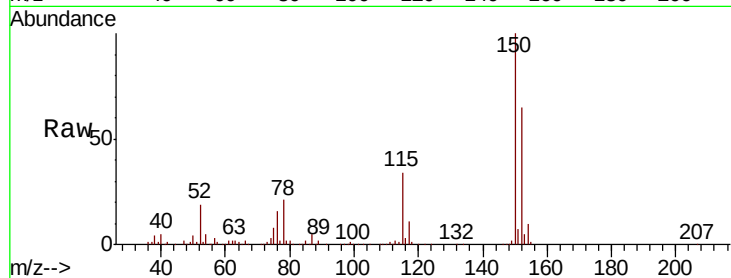
VBLK86

Tot Ion: 75 Resp: 12755

Ion Ratio Lower Upper

75 100

77 32.1 25.9 38.9



#68

1,2,4-trichlorobenzene

Concen: 0.148 ug/L

RT: 15.01 min Scan# 2164

Delta R.T. 0.01 min

Lab File: VY003692.D

Acq: 09 Dec 2020 10:58

Tgt Ion: 180 Resp: 564

Ion Ratio Lower Upper

180 100

182 103.9 76.5 114.7

145 13.7 22.2 33.4#

