

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121820\
 Data File : VY003812.D
 Acq On : 18 Dec 2020 11:23
 Operator : SY/MD
 Sample : VY1218SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK90

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:38:26 PM

Quant Time: Dec 19 00:31:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 00:17:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	244882	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	233889	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	114233	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	85605	25.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.48%
7) Chloroethane-d5	2.77	69	64636	25.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.76%
10) 1,1-Dichloroethene-d2	3.86	63	111943	15.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.76%
20) 2-Butanone-d5	6.90	46	53028	36.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.82%
24) Chloroform-d	7.49	84	145290	22.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	8.15	65	81877	22.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.08%
29) Benzene-d6	8.12	84	327628	24.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.80%
33) 1,2-Dichloropropane-d6	9.13	67	93043	22.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.28%
37) Toluene-d8	10.18	98	301360	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.40%
38) trans-1,3-Dichloropropene-	10.44	79	45032	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.68%
39) 2-Hexanone-d5	10.79	63	47050	40.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.94%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	78980	21.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.72%
61) 1,2-Dichlorobenzene-d4	13.72	152	109065	26.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.32%

Target Compounds				Ovalue
14) Carbon disulfide	4.20	76	2947	0.247 ug/L # 94
16) Methylene chloride	4.75	84	4916m	1.118 ug/L

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

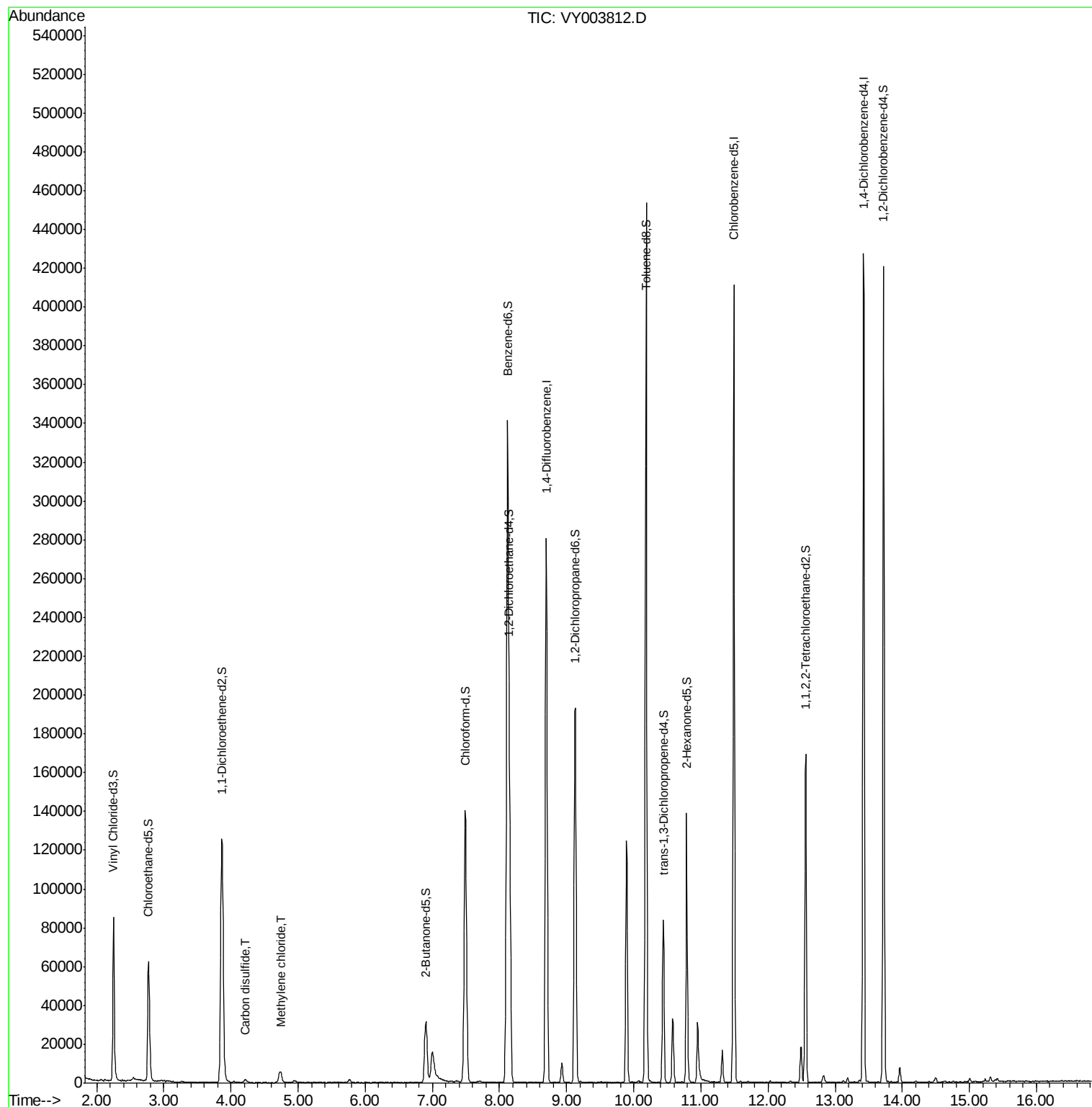
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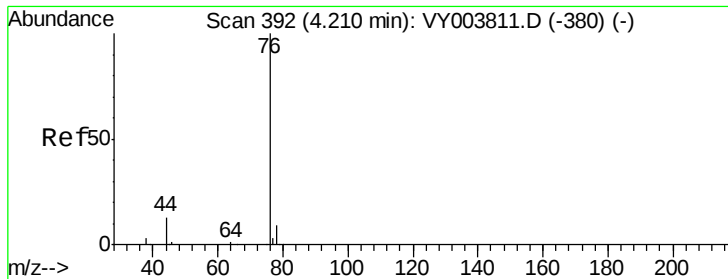
Instrument :
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#14

Carbon disulfide

Concen: 0.247 ug/L

RT: 4.20 min Scan# 391

Delta R.T. -0.01 min

Lab File: VY003812.D

Acq: 18 Dec 2020 11:23

Instrument :

MSVOA_Y

ClientSampled :

VBLK90

Tot Ion: 76 Resp: 2947

Ion Ratio Lower Upper

76 100

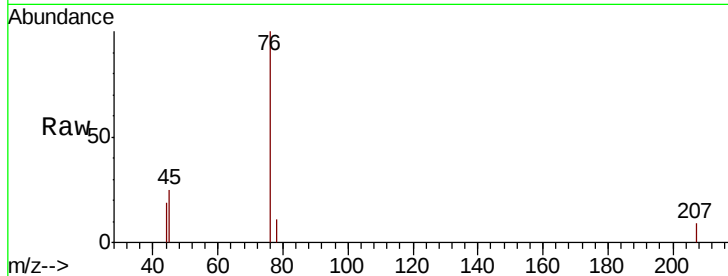
78 10.8 7.0 10.6#

Manual Integrations

APPROVED

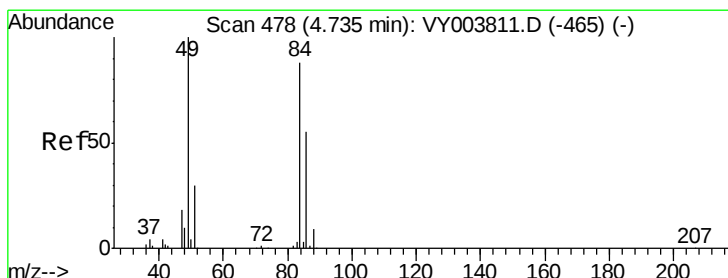
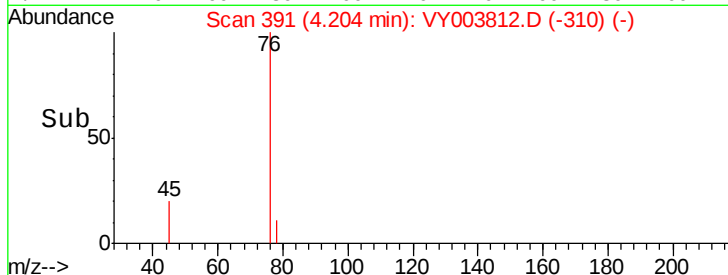
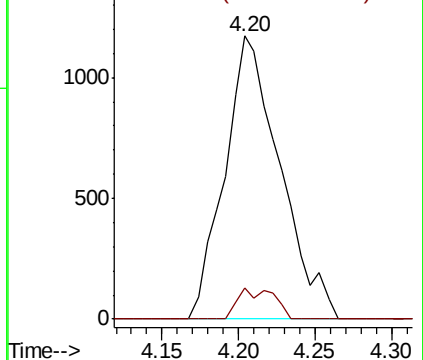
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Abundance Ion 76.00 (75.70 to 76.70): VY0

Ion 78.00 (77.70 to 78.70): VY0



#16

Methylene chloride

Concen: 1.118 ug/L m

RT: 4.75 min Scan# 480

Delta R.T. 0.01 min

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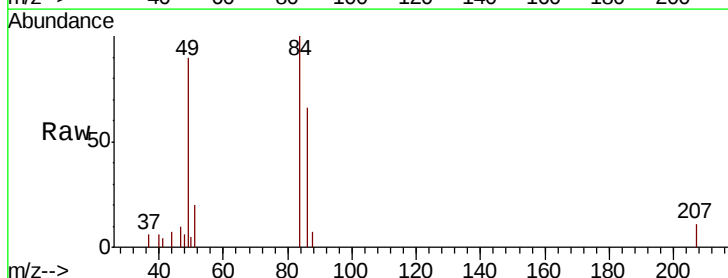
Tgt Ion: 84 Resp: 4916

Ion Ratio Lower Upper

84 100

49 89.6 88.2 163.8

86 66.0 43.0 79.8



Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

