

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
 Data File : VX018749.D
 Acq On : 02 Oct 2020 15:51
 Operator : JC/SP
 Sample : L4171-12DL 5X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3T9DL 5X

Quant Time: Oct 03 06:29:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 14:11:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	178396	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	167099	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	91754	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57436	5.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.20%
7) Chloroethane-d5	1.70	69	46792	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.80%
11) 1,1-Dichloroethene-d2	2.34	63	105419	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.60%
20) 2-Butanone-d5	4.55	46	166336	60.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.70%
24) Chloroform-d	5.14	84	138585	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	6.03	65	86936	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	6.05	84	241986	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
36) 1,2-Dichloropropane-d6	7.37	67	69744	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	8.70	98	226168	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
45) trans-1,3-Dichloropropene-	8.99	79	35877	5.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.00%
48) 2-Hexanone-d5	9.43	63	132850	61.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.74%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	55181	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	101082	5.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.40%

Target Compounds

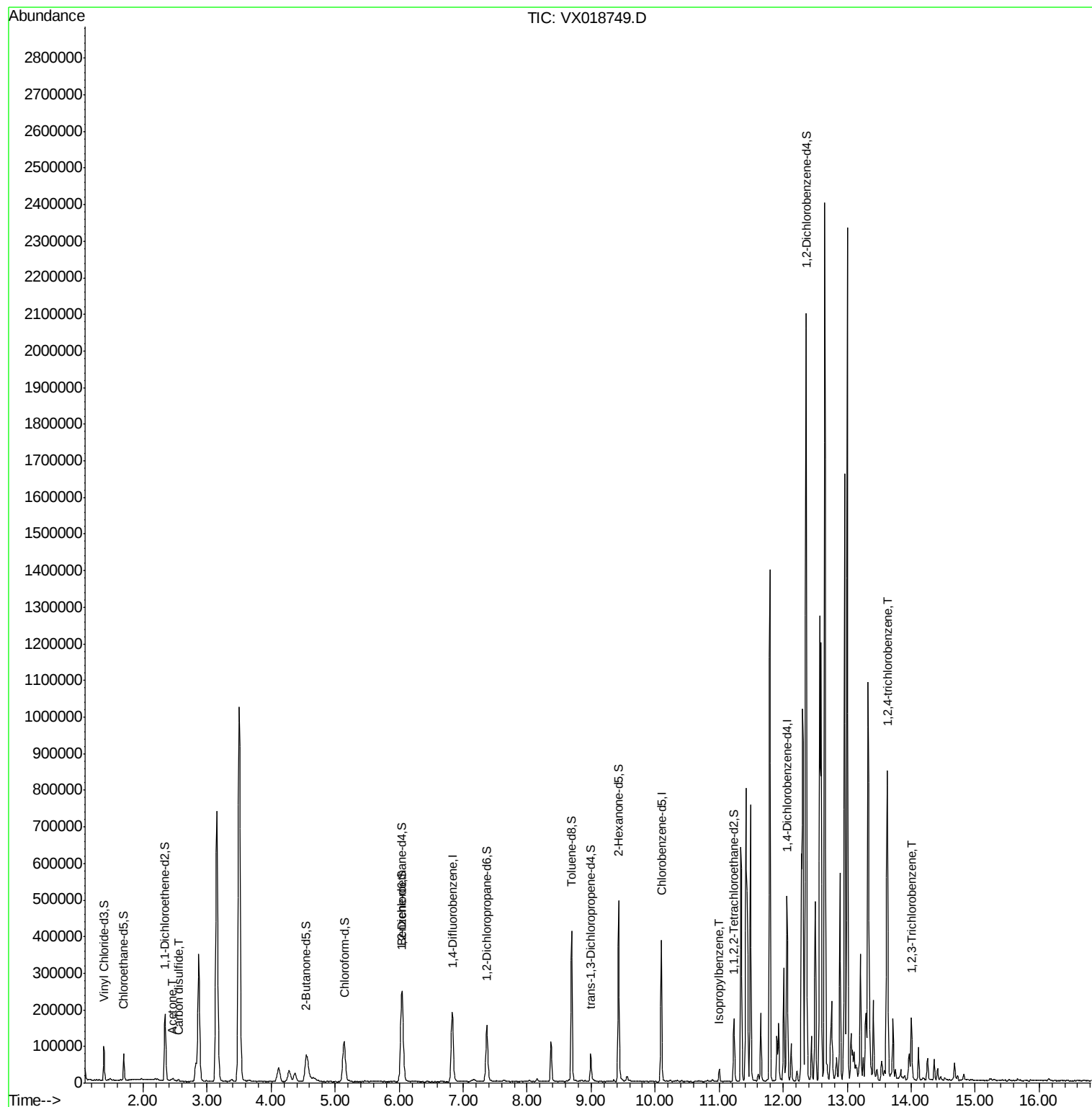
				Ovalue
13) Acetone	2.45	43	15759	10.560 ug/L 100
14) Carbon disulfide	2.55	76	6776	0.244 ug/L # 90
58) Isopropylbenzene	11.01	105	15882	0.367 ug/L 95
69) 1,2,4-trichlorobenzene	13.63	180	155434	10.907 ug/L 94
71) 1,2,3-Trichlorobenzene	14.01	180	37433	2.919 ug/L 95

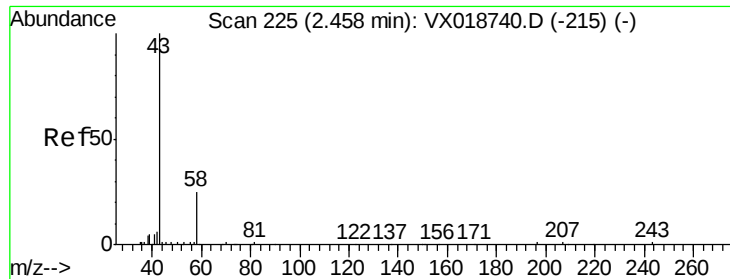
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.560 ug/L

RT: 2.45 min Scan# 224

Delta R.T. -0.01 min

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Acq: 02 Oct 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

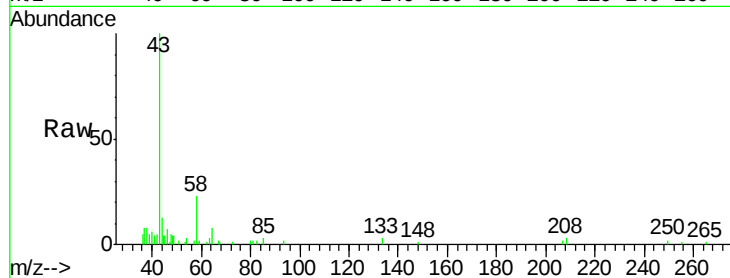
BG3T9DL 5X

Tot Ion: 43 Resp: 15759

Ion Ratio Lower Upper

43 100

58 28.2 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

2.45

4000

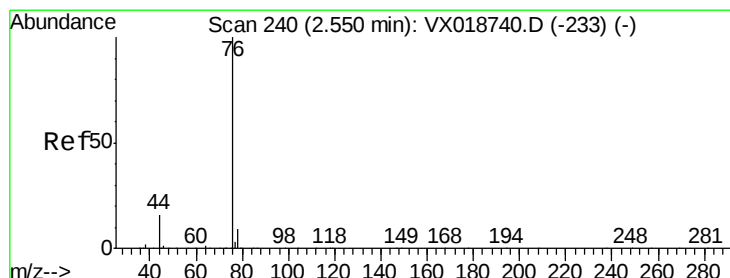
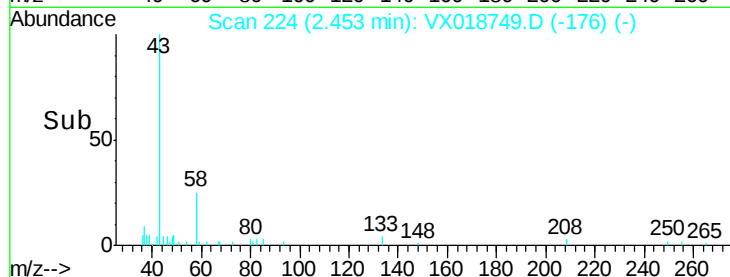
3000

2000

1000

0

Time--> 2.30 2.40 2.50 2.60



#14

Carbon disulfide

Concen: 0.244 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018749.D

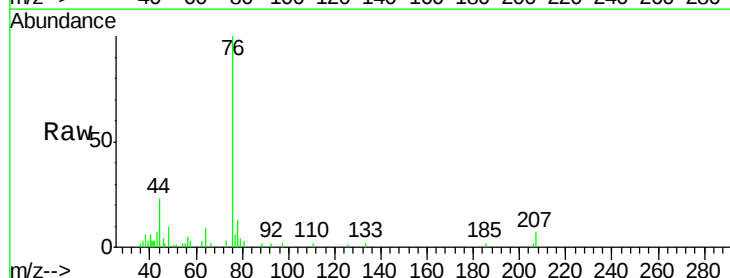
Acq: 02 Oct 2020 15:51

Tgt Ion: 76 Resp: 6776

Ion Ratio Lower Upper

76 100

78 12.8 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

2.55

4000

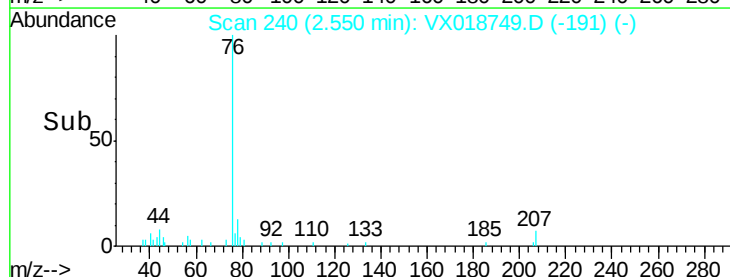
3000

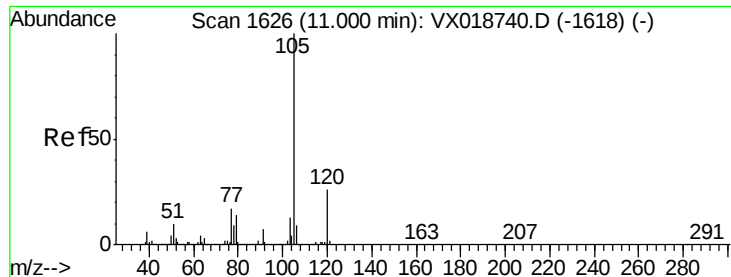
2000

1000

0

Time--> 2.45 2.50 2.55 2.60 2.65





#58

Isopropylbenzene

Concen: 0.367 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018749.D

Acq: 02 Oct 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

BG3T9DL 5X

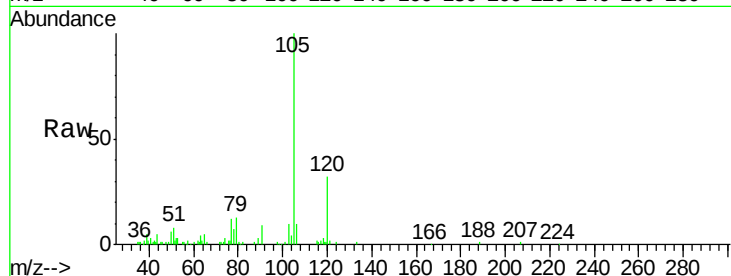
Tot Ion:105 Resp: 15882

Ion Ratio Lower Upper

105 100

120 28.0 20.2 30.2

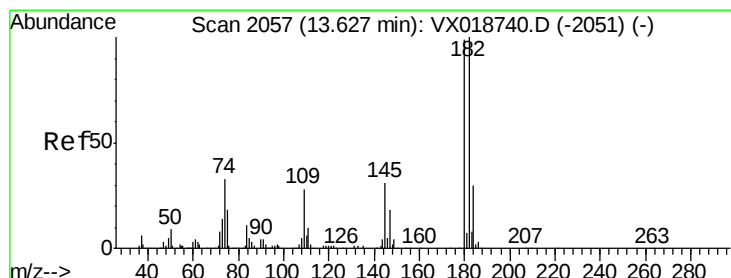
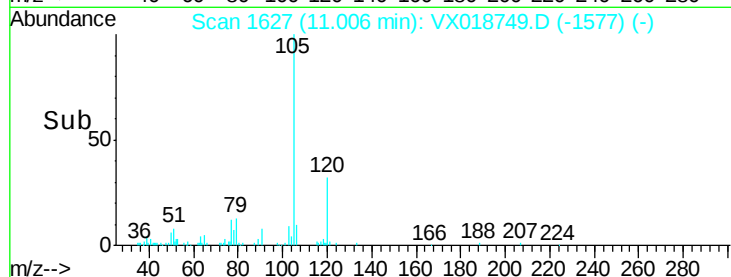
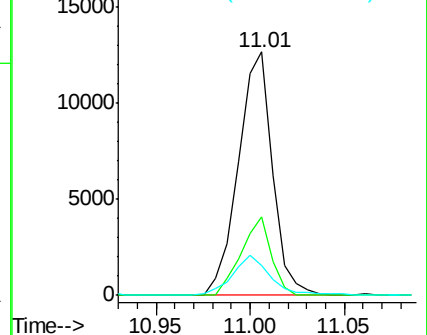
77 18.6 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#69

1,2,4-trichlorobenzene

Concen: 10.907 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018749.D

Acq: 02 Oct 2020 15:51

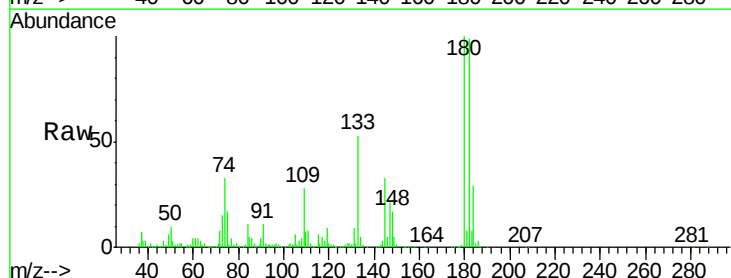
Tgt Ion:180 Resp: 155434

Ion Ratio Lower Upper

180 100

182 94.1 80.2 120.4

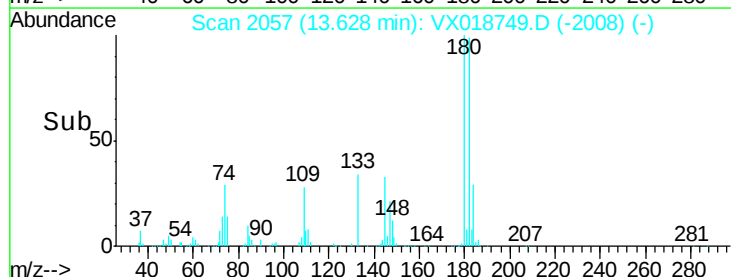
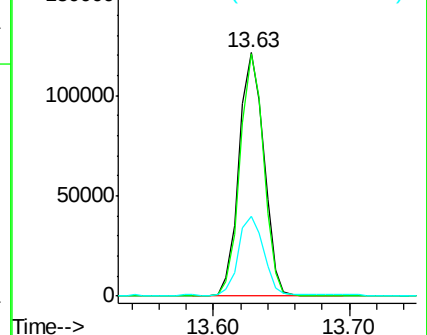
145 34.9 25.2 37.8

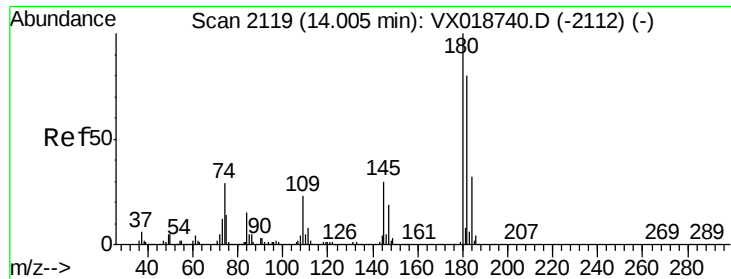


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#71

1,2,3-Trichlorobenzene

Concen: 2.919 ug/L

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX018749.D

Acq: 02 Oct 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

BG3T9DL 5X

Tot Ion:180 Resp: 37433

Ion Ratio Lower Upper

180 100

182 94.0 73.6 110.4

145 39.7 26.6 40.0

