

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102920\
 Data File : VX019169.D
 Acq On : 28 Oct 2020 17:27
 Operator : JC/MD
 Sample : VIBLK61
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK61

Quant Time: Oct 29 06:40:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 06:24:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	206217	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	184807	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	84747	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	65719	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.70	69	52648	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.34	63	94107	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.56	46	145125	49.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.56%
24) Chloroform-d	5.14	84	116704	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	6.03	65	64037	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	6.05	84	244621	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	7.37	67	70878	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	8.70	98	229946	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.99	79	28581	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	9.43	63	132955	49.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.86%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	51412	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
66) 1,2-Dichlorobenzene-d4	12.36	152	77604	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

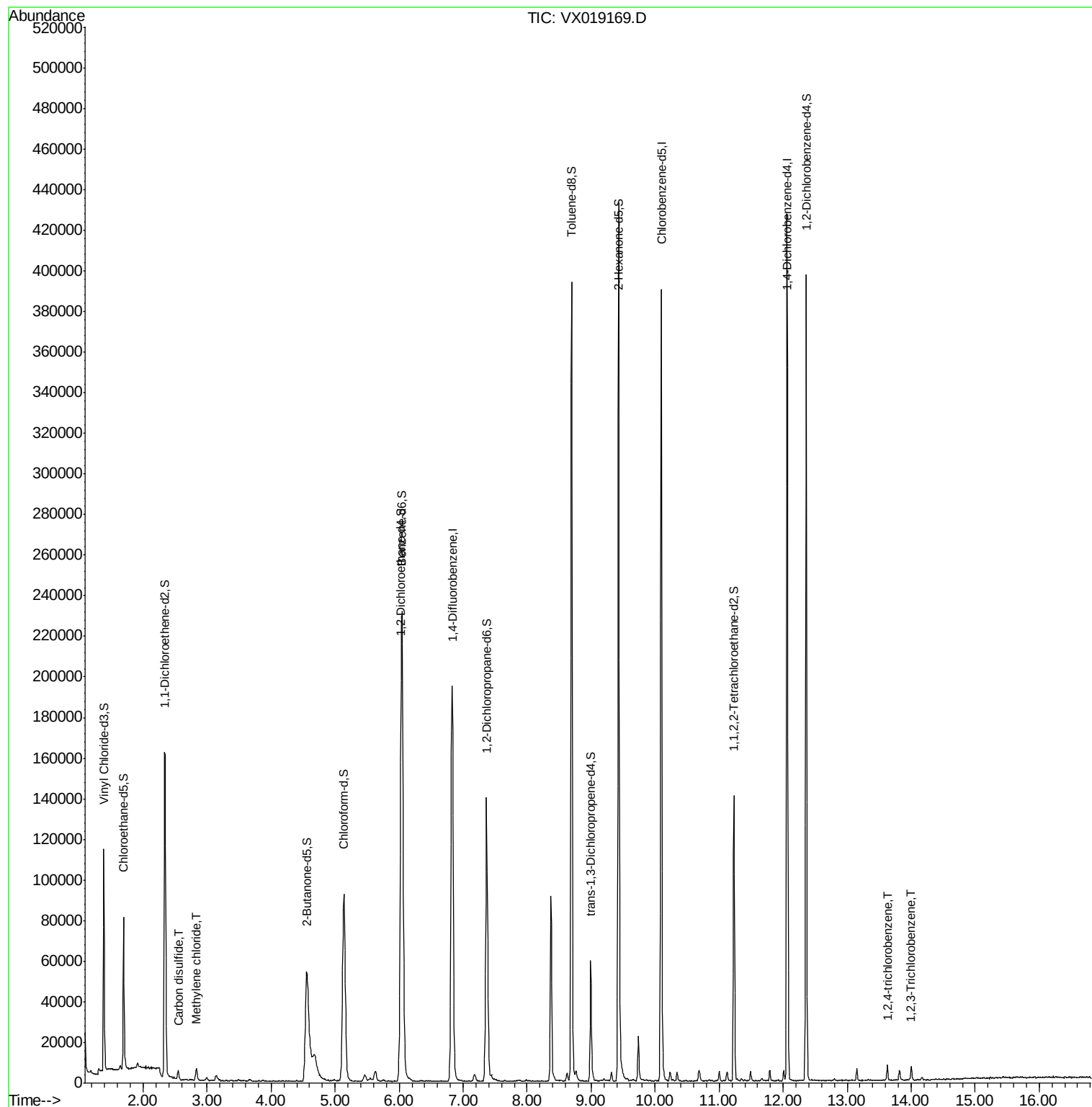
					Ovalue
14) Carbon disulfide	2.55	76	5091	0.124 ug/L	98
16) Methylene chloride	2.83	84	2657	0.168 ug/L	91
70) 1,2,4-trichlorobenzene	13.63	180	2365	0.133 ug/L	90
72) 1,2,3-Trichlorobenzene	14.00	180	2029	0.130 ug/L	95

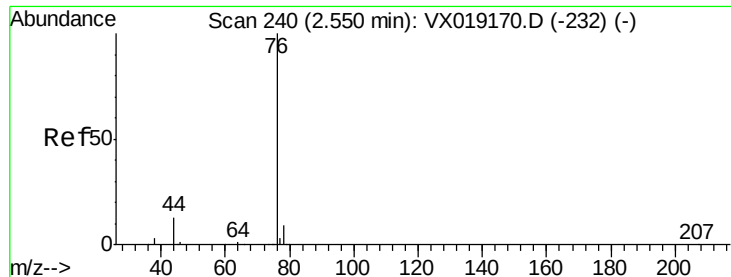
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.124 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

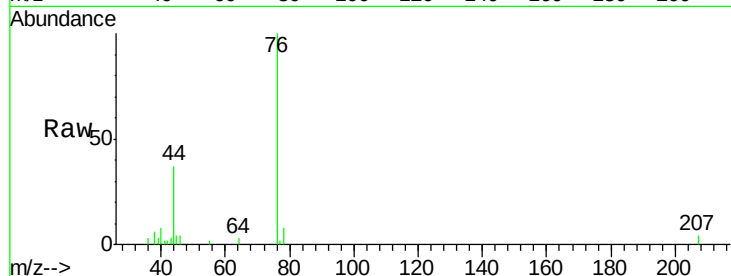
VIBLK61

Tot Ion: 76 Resp: 5091

Ion Ratio Lower Upper

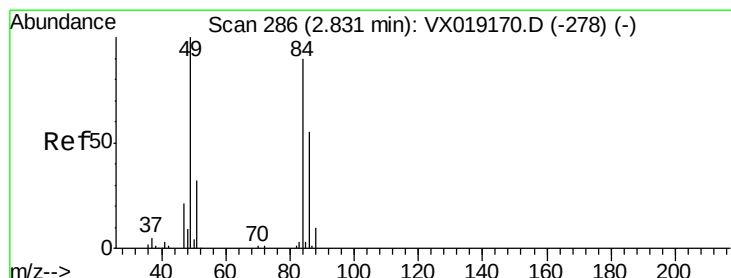
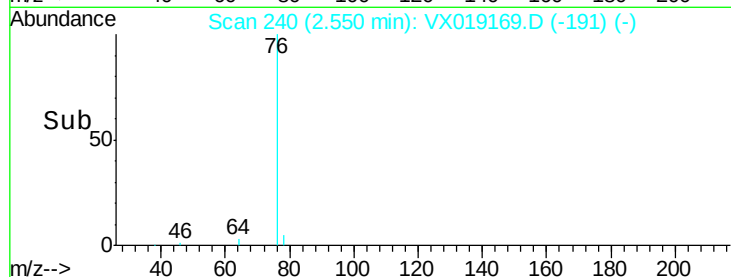
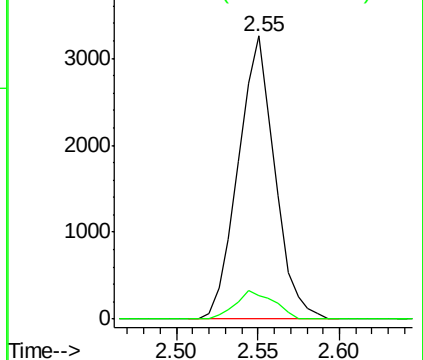
76 100

78 8.4 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



#16

Methylene chloride

Concen: 0.168 ug/L

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019169.D

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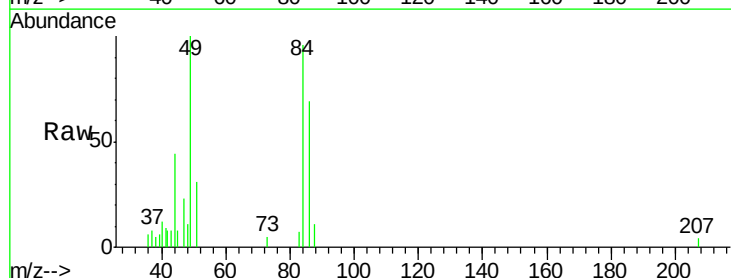
Tgt Ion: 84 Resp: 2657

Ion Ratio Lower Upper

84 100

86 72.5 42.2 78.4

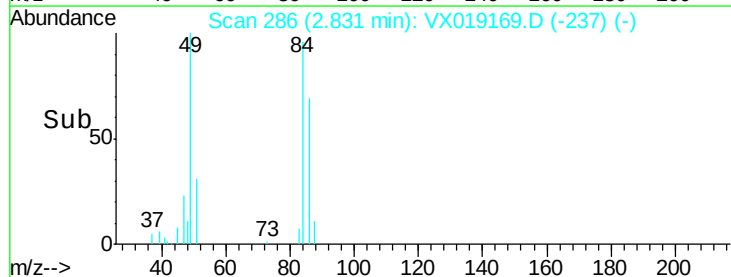
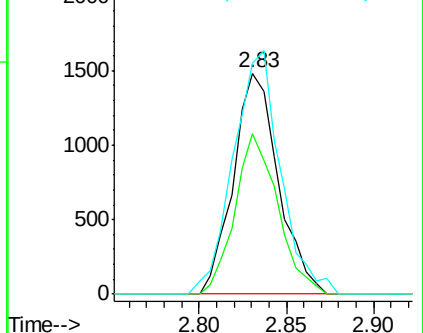
49 104.5 77.5 143.9

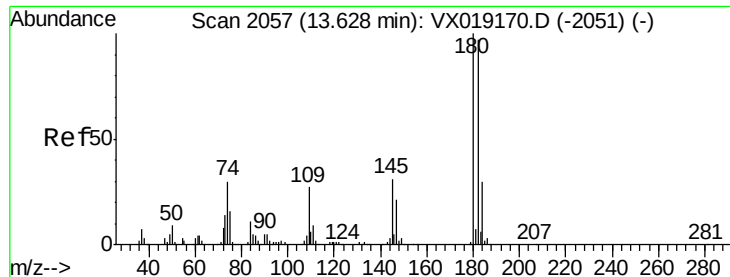


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

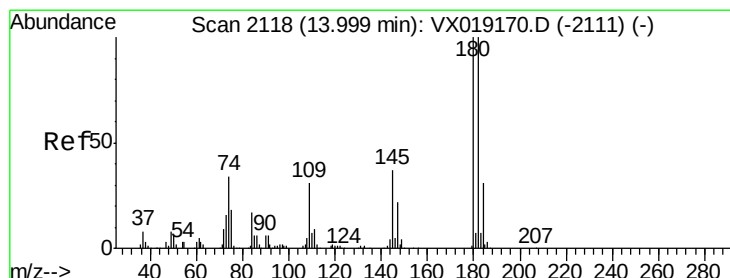
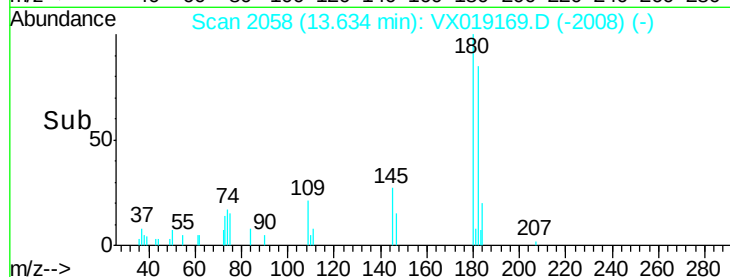
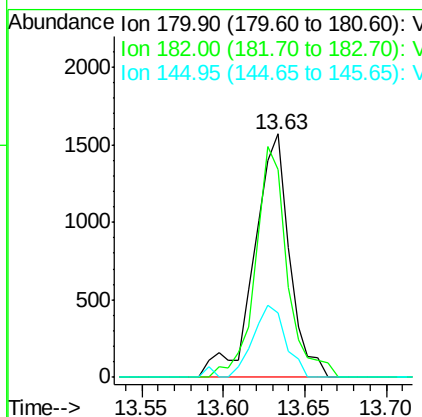
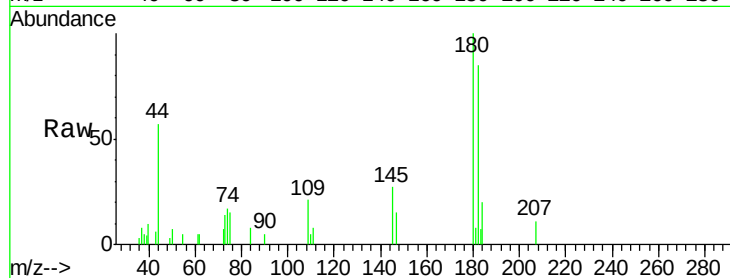




#70
 1,2,4-trichlorobenzene
 Concen: 0.133 ug/L
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
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Tot Ion:180 Resp: 2365
 Ion Ratio Lower Upper
 180 100
 182 85.9 77.8 116.6
 145 27.4 25.0 37.4



#72
 1,2,3-Trichlorobenzene
 Concen: 0.130 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX019169.D
 Acq: 28 Oct 2020 17:27

Tgt Ion:180 Resp: 2029
 Ion Ratio Lower Upper
 180 100
 182 90.3 77.0 115.4
 145 32.9 27.8 41.6

