

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX093020\
 Data File : VX018723.D
 Acq On : 01 Oct 2020 01:40
 Operator : JC/SP
 Sample : L4202-04
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFSB7

Quant Time: Oct 01 06:39:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	257050	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	239232	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	111158	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41608	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.70	69	40673	3.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.80%
11) 1,1-Dichloroethene-d2	2.34	63	79315	2.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	4.54	46	175351	51.12	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.24%
24) Chloroform-d	5.14	84	132645	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	6.03	65	76029	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	6.05	84	223928	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	7.37	67	74773	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	8.70	98	197993	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
45) trans-1,3-Dichloropropene-	8.99	79	30768	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	9.43	63	133593	49.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.70%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	59514	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	80499	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

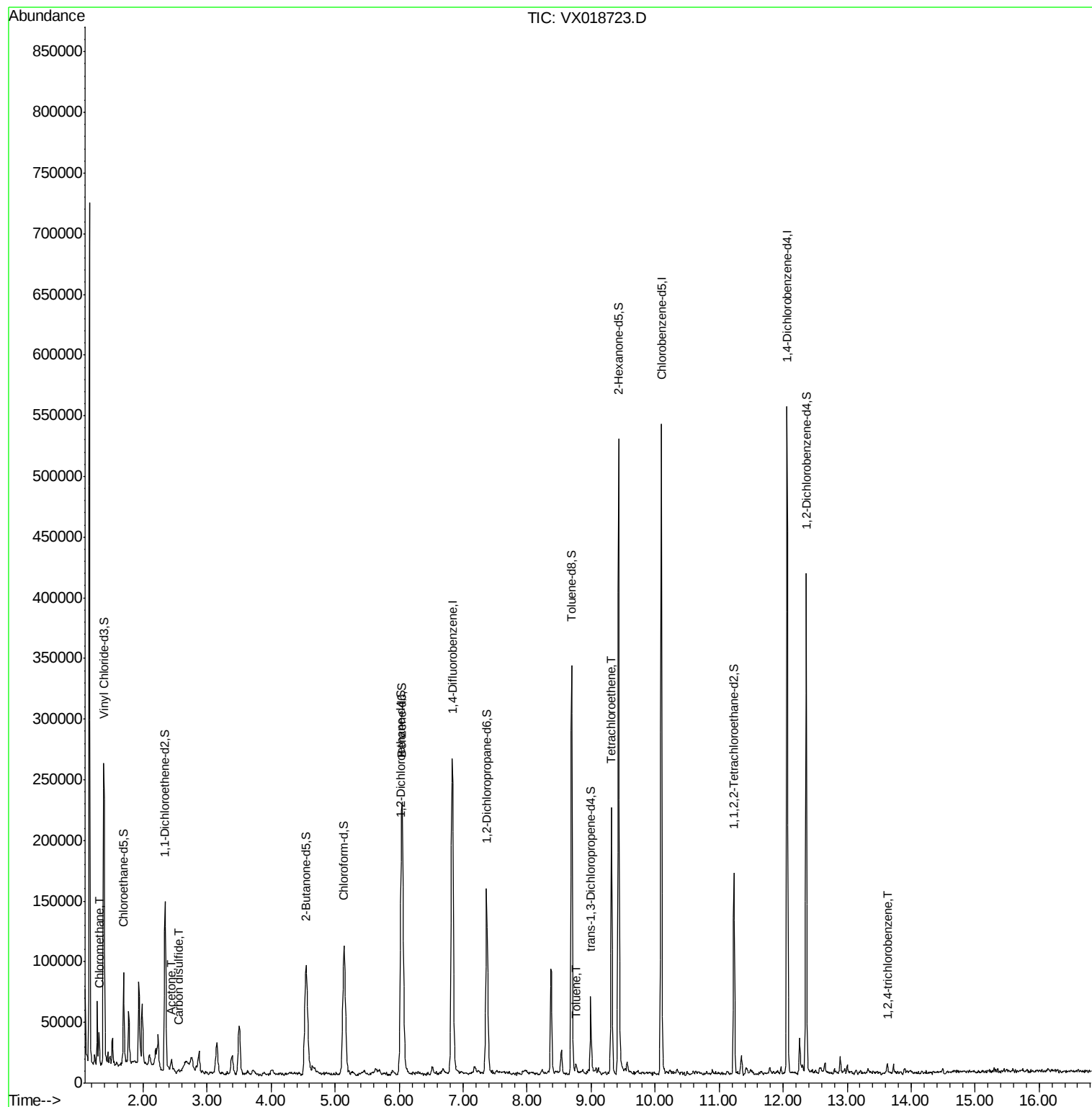
					Ovalue
3) Chloromethane	1.31	50	16773	1.262	ug/L 98
13) Acetone	2.44	43	16103	8.482	ug/L 94
14) Carbon disulfide	2.55	76	4137	0.108	ug/L # 85
42) Toluene	8.77	91	3792	0.076	ug/L 96
49) Tetrachloroethene	9.32	164	42329	4.028	ug/L 95
69) 1,2,4-trichlorobenzene	13.63	180	1863	0.125	ug/L 91

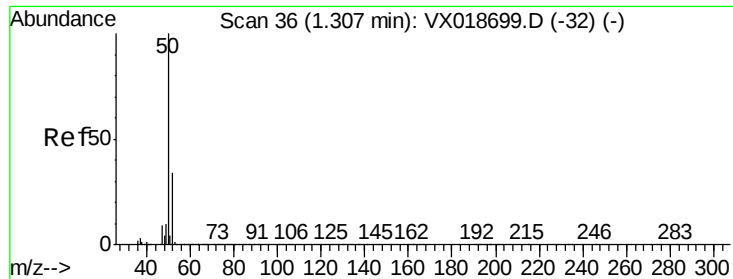
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration

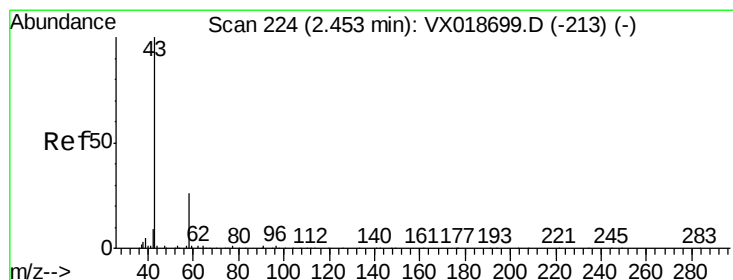
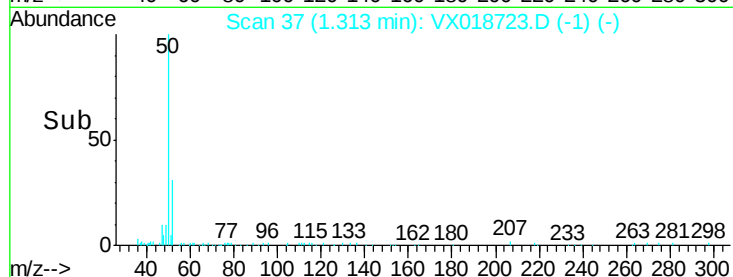
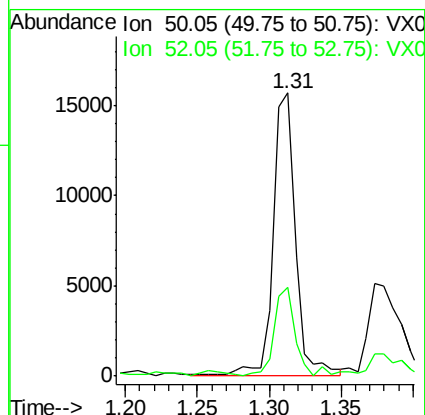
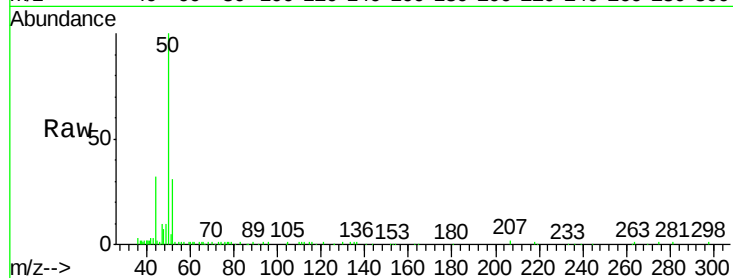




#3
Chloromethane
Concen: 1.262 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.01 min
Lab File: VX018723.D
Acq: 01 Oct 2020 01:40

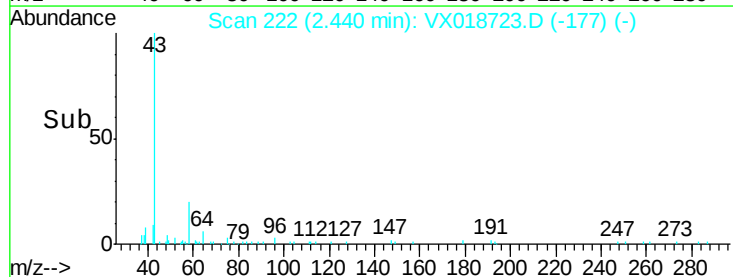
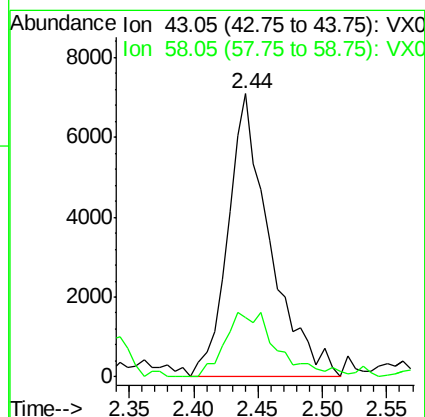
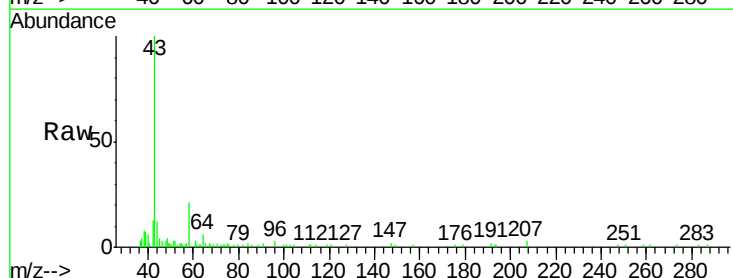
Instrument :
MSVOA_X
ClientSampleId :
BFSB7

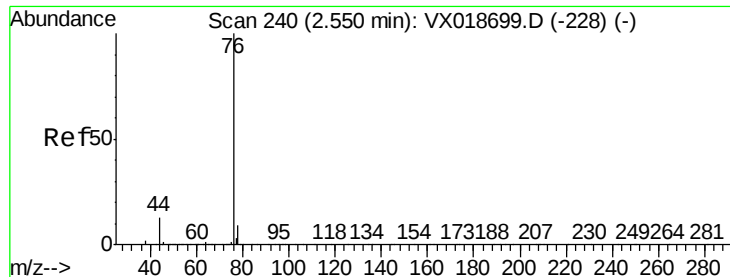
Tot Ion: 50 Resp: 16773
Ion Ratio Lower Upper
50 100
52 31.4 21.2 39.4



#13
Acetone
Concen: 8.482 ug/L
RT: 2.44 min Scan# 222
Delta R.T. -0.02 min
Lab File: VX018723.D
Acq: 01 Oct 2020 01:40

Tgt Ion: 43 Resp: 16103
Ion Ratio Lower Upper
43 100
58 27.2 0.0 61.6





#14

Carbon disulfide

Concen: 0.108 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018723.D

Acq: 01 Oct 2020 01:40

Instrument :

MSVOA_X

ClientSampled :

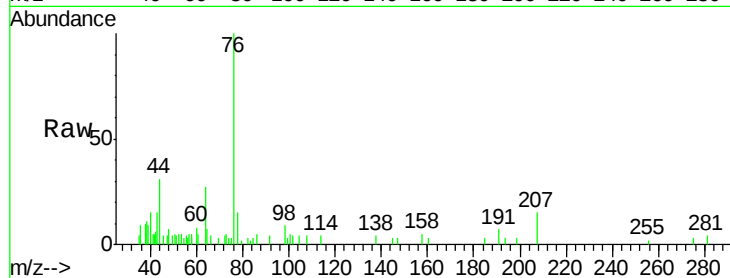
BFSB7

Tot Ion: 76 Resp: 4137

Ion Ratio Lower Upper

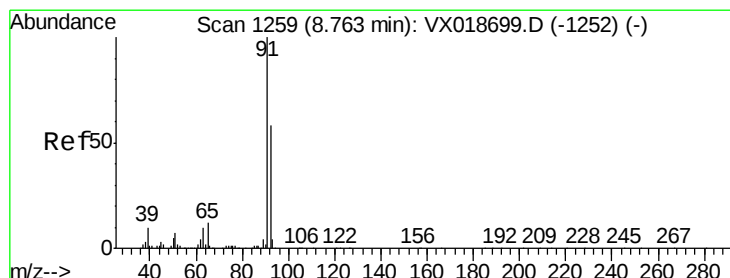
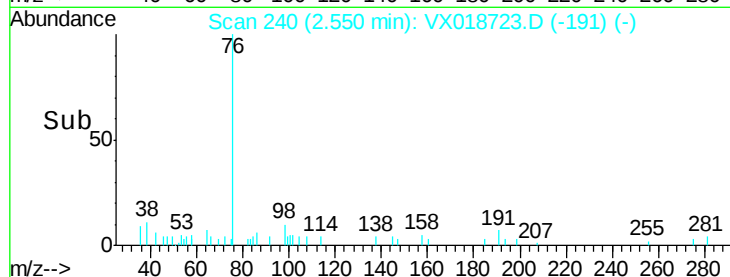
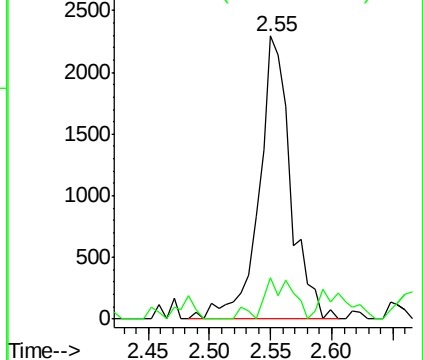
76 100

78 14.7 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



#42

Toluene

Concen: 0.076 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018723.D

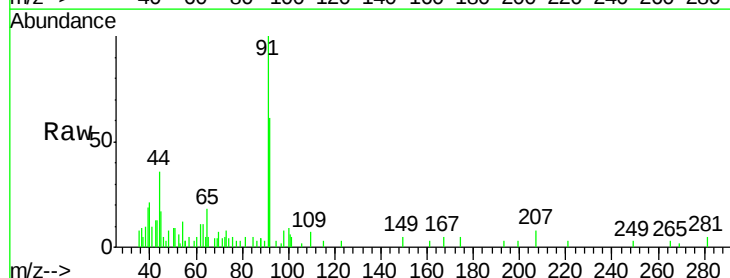
Acq: 01 Oct 2020 01:40

Tgt Ion: 91 Resp: 3792

Ion Ratio Lower Upper

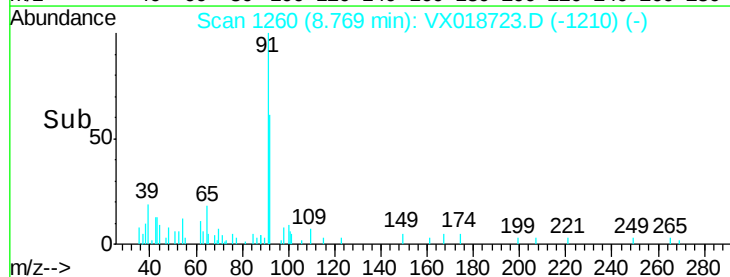
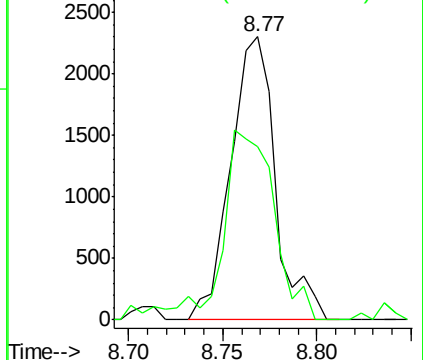
91 100

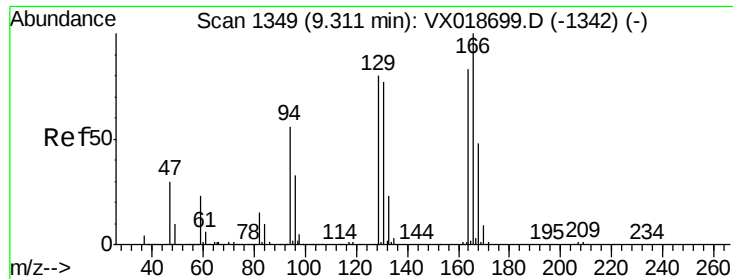
92 61.3 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0





#49

Tetrachloroethene

Concen: 4.028 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018723.D

Acq: 01 Oct 2020 01:40

Instrument :

MSVOA_X

ClientSampled :

BFSB7

Tot Ion:164 Resp: 42329

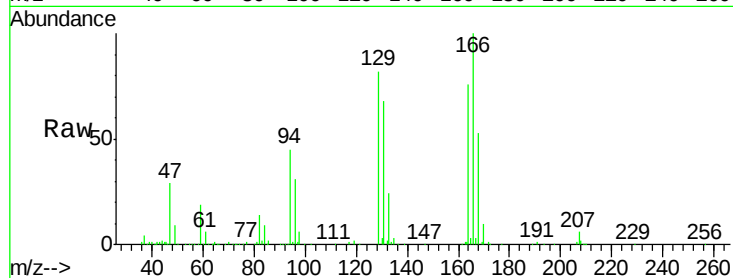
Ion Ratio Lower Upper

164 100

129 106.8 65.9 122.3

131 88.6 61.4 114.0

166 130.8 91.0 169.0

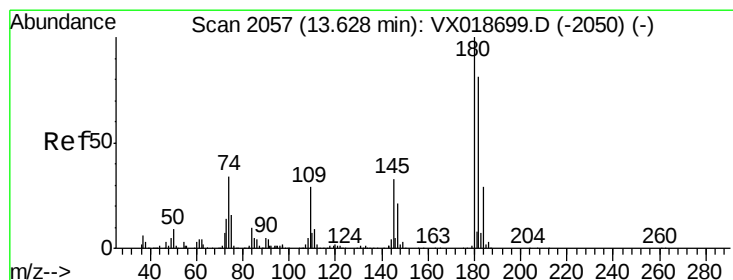
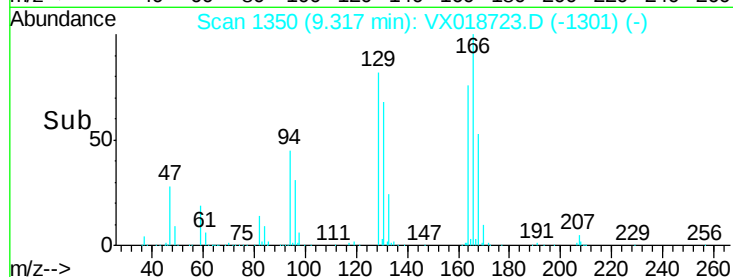
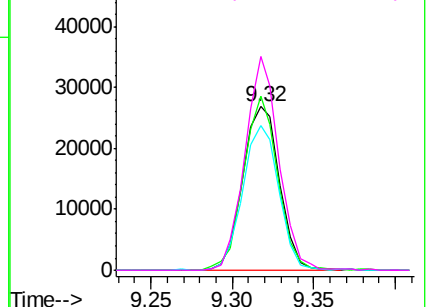


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#69

1,2,4-trichlorobenzene

Concen: 0.125 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018723.D

Acq: 01 Oct 2020 01:40

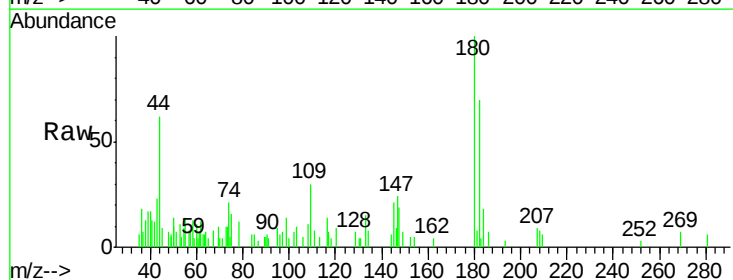
Tgt Ion:180 Resp: 1863

Ion Ratio Lower Upper

180 100

182 83.0 74.6 112.0

145 29.5 25.0 37.6



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

