

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 06:18:56 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

					Qvalue
3) Chloromethane	1.31	50	16773	1.262	ug/L 98
6) Bromomethane	1.64	94	879	0.106	ug/L 91
13) Acetone	2.44	43	16103	8.482	ug/L 94
14) Carbon disulfide	2.55	76	4137	0.108	ug/L # 85
15) Methyl Acetate	2.75	43	3121	0.594	ug/L # 62
21) 2-Butanone	4.55	43	2390	0.793	ug/L 92
22) cis-1,2-Dichloroethene	4.56	96	1189	0.091	ug/L # 55
34) Trichloroethene	7.19	95	1230	0.092	ug/L # 54
35) Methylcyclohexane	7.37	83	18782	1.012	ug/L # 17
42) Toluene	8.77	91	3792	0.076	ug/L 96
43) 1,3,5-Trimethylbenzene	11.42	105	3160	0.073	ug/L 87
44) 1,2,4-Trimethylbenzene	11.79	105	2390	0.055	ug/L 98
49) Tetrachloroethene	9.32	164	42329	4.028	ug/L 95
51) Dibromochloromethane	9.32	129	41818	3.618	ug/L # 10
69) 1,2,4-trichlorobenzene	13.63	180	1863	0.125	ug/L 91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Quantitation Report (Not Reviewed)

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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

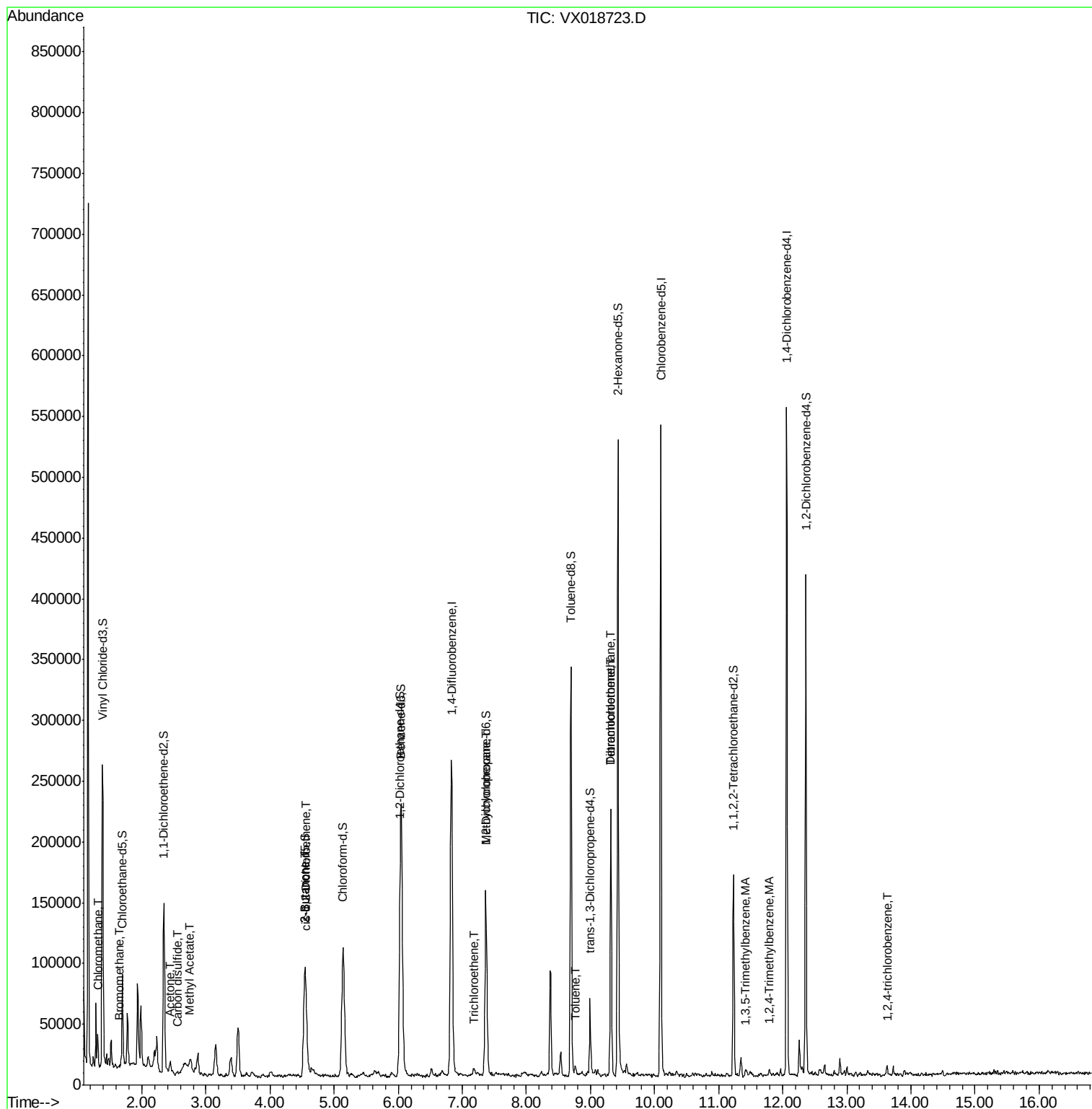
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

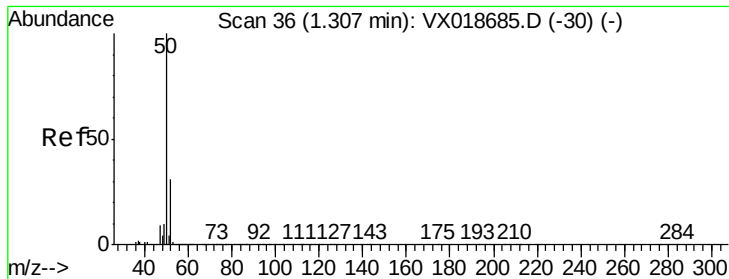
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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 :

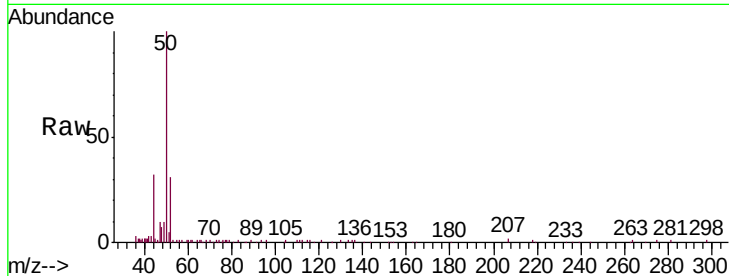
BFSB7

Tgt Ion: 50 Resp: 16773

Ion Ratio Lower Upper

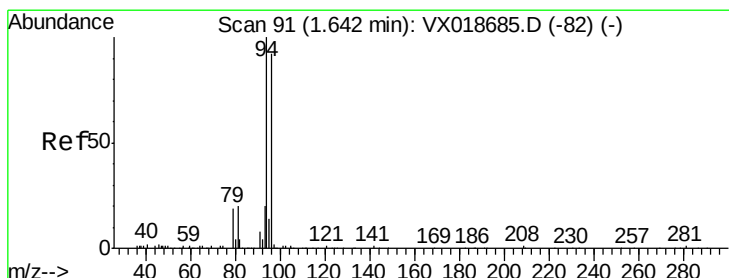
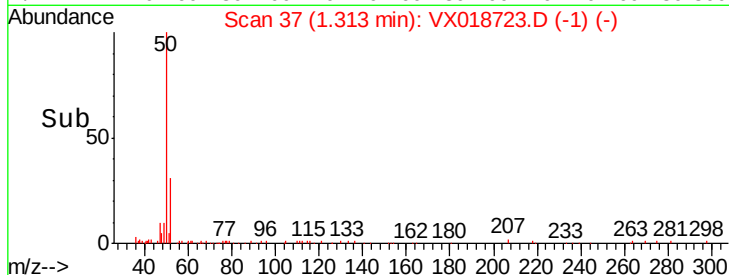
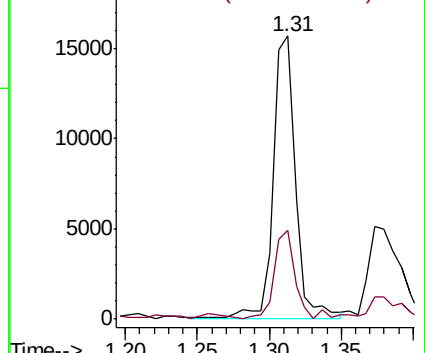
50 100

52 31.4 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#6

Bromomethane

Concen: 0.106 ug/L

RT: 1.64 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX018723.D

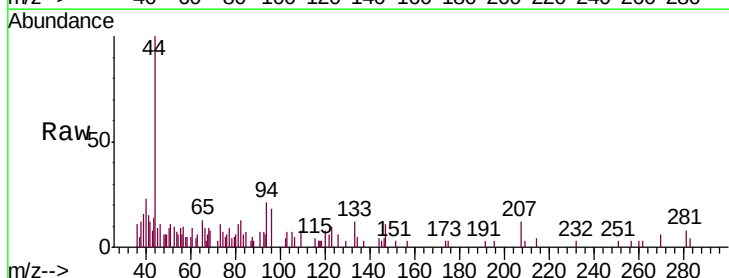
Acq: 01 Oct 2020 01:40

Tgt Ion: 94 Resp: 879

Ion Ratio Lower Upper

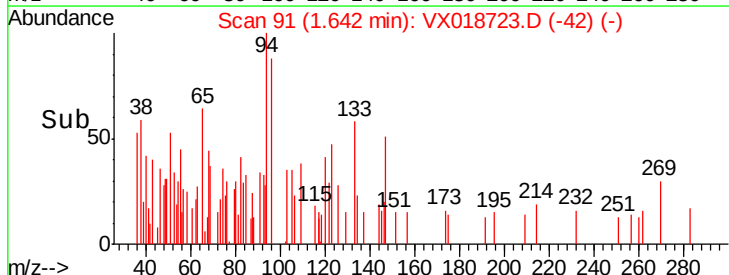
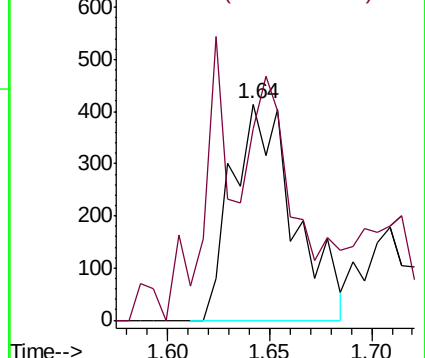
94 100

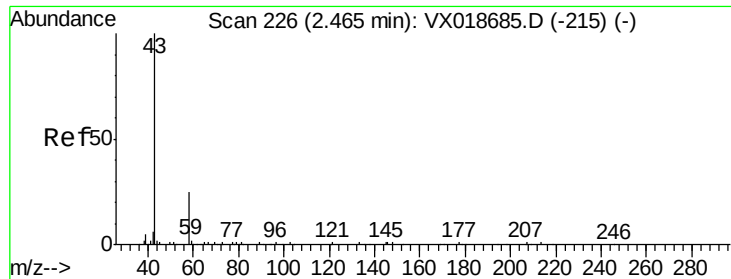
96 88.4 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0





#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

Instrument :

MSVOA_X

ClientSampleId :

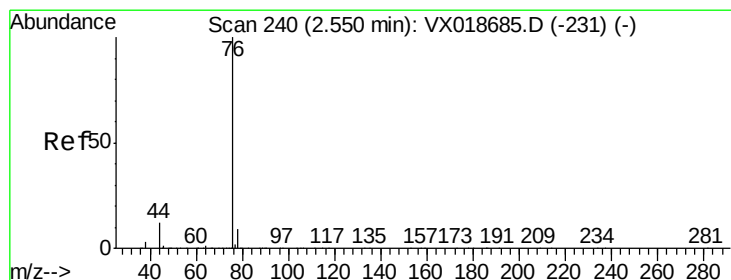
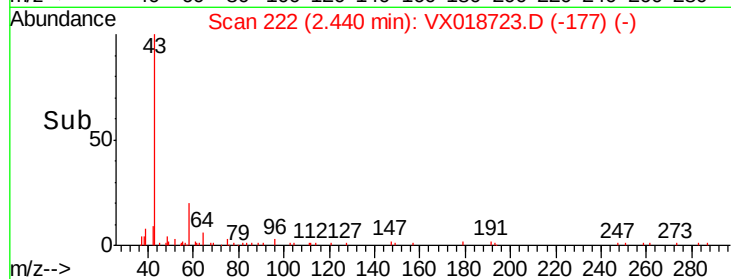
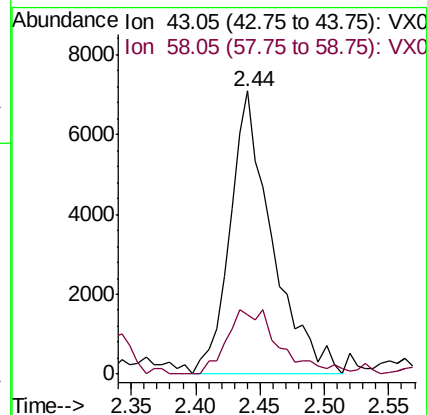
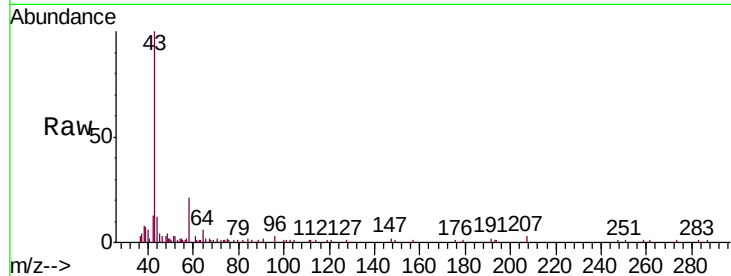
BFSB7

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

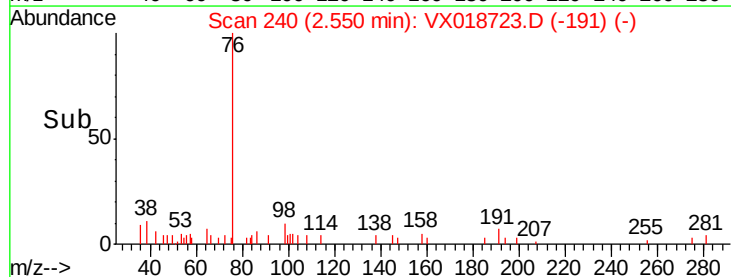
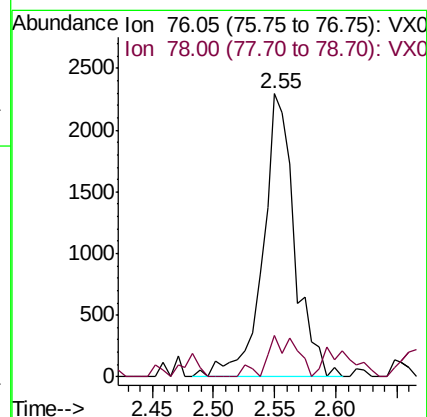
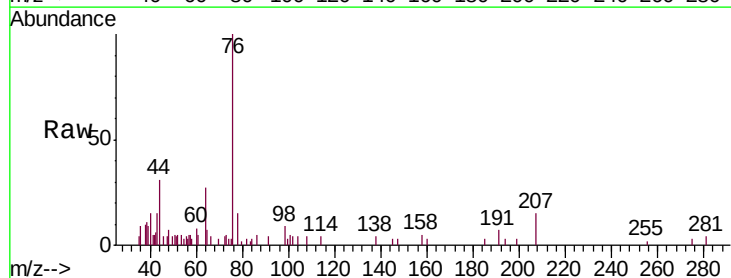
Acq: 01 Oct 2020 01:40

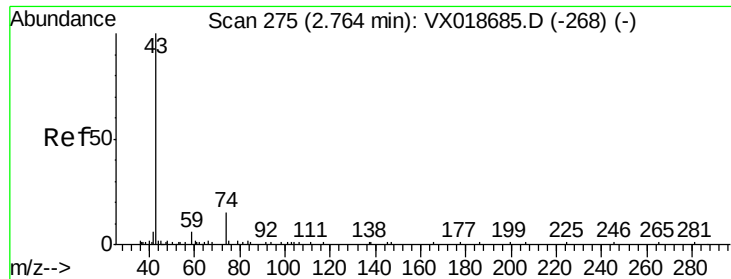
Tgt Ion: 76 Resp: 4137

Ion Ratio Lower Upper

76 100

78 14.7 7.4 11.0#

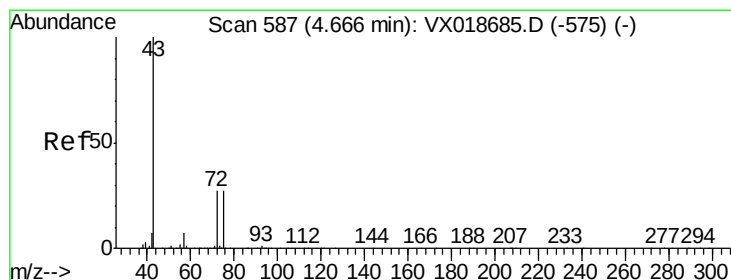
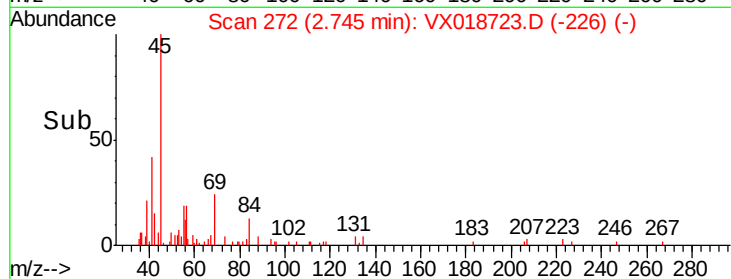
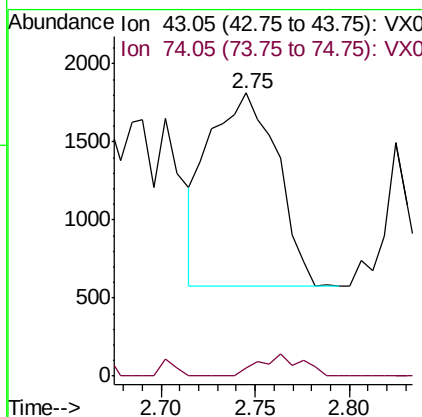
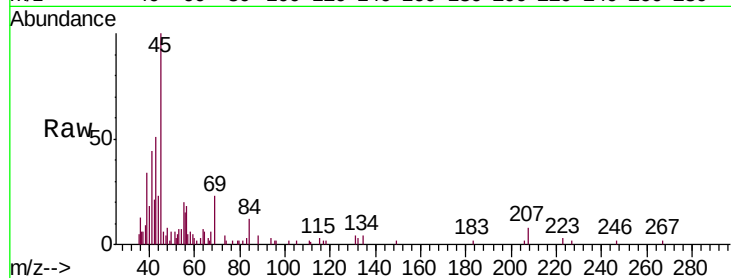




#15
Methyl Acetate
Concen: 0.594 ug/L
RT: 2.75 min Scan# 272
Delta R.T. -0.02 min
Lab File: VX018723.D
Acq: 01 Oct 2020 01:40

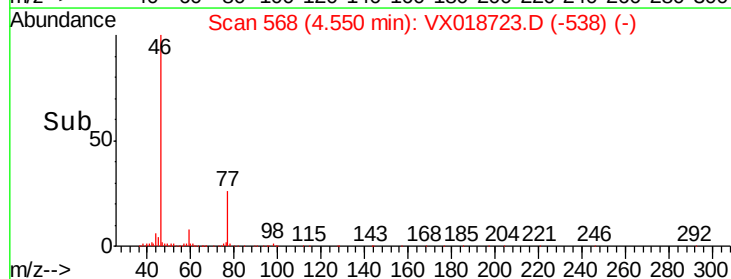
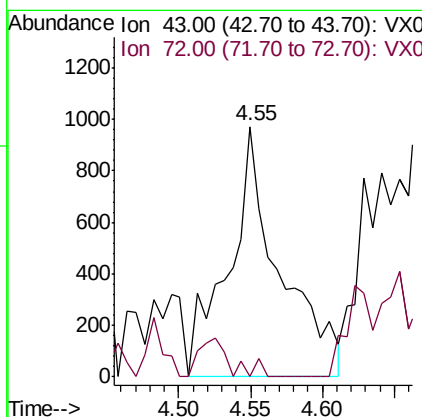
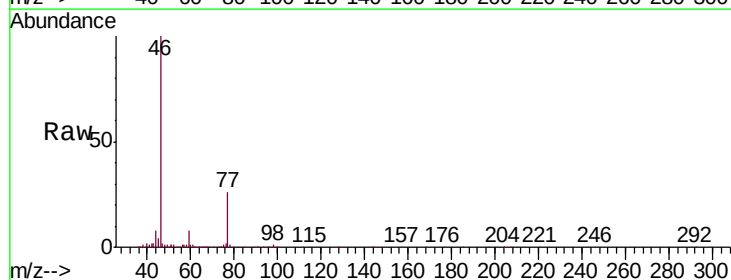
Instrument :
MSVOA_X
ClientSampled :
BFSB7

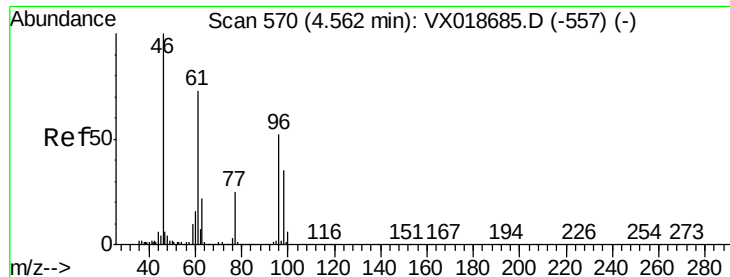
Tgt Ion: 43 Resp: 3121
Ion Ratio Lower Upper
43 100
74 7.1 21.2 31.8#



#21
2-Butanone
Concen: 0.793 ug/L
RT: 4.55 min Scan# 568
Delta R.T. -0.12 min
Lab File: VX018723.D
Acq: 01 Oct 2020 01:40

Tgt Ion: 43 Resp: 2390
Ion Ratio Lower Upper
43 100
72 7.3 5.2 15.6



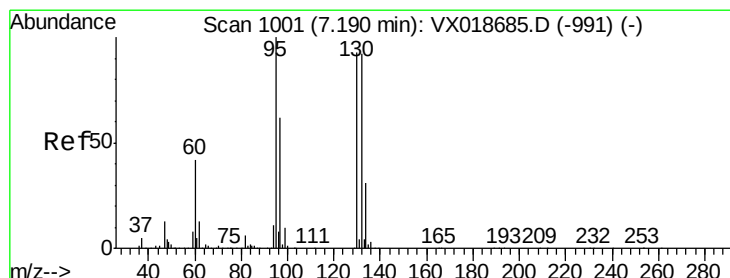
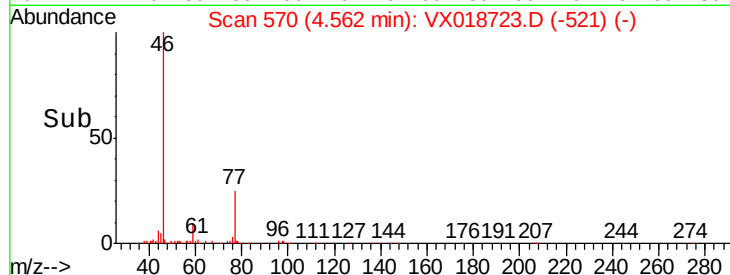
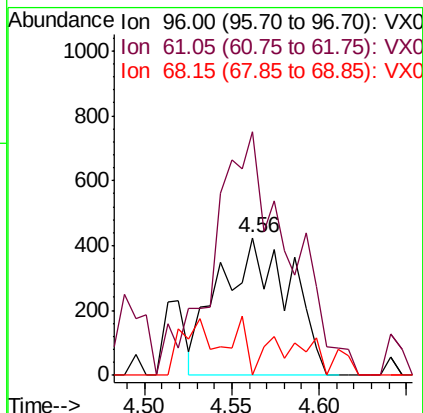
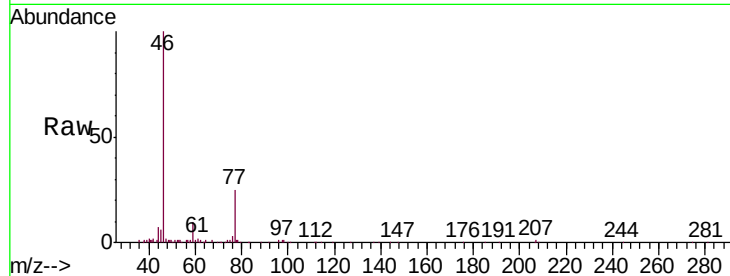


#22

cis-1,2-Dichloroethene
Concen: 0.091 ug/L
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018723.D
Acq: 01 Oct 2020 01:40

Instrument :
MSVOA_X
ClientSampleId :
BFSB7

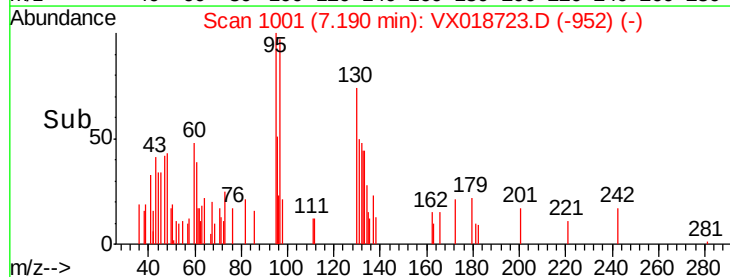
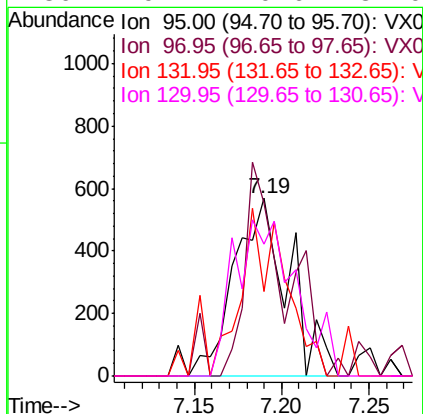
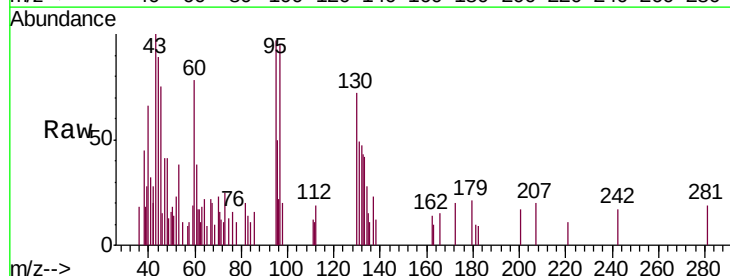
Tgt Ion: 96 Resp: 1189
Ion Ratio Lower Upper
96 100
61 177.1 87.7 162.9#
68 0.0 0.3 0.7#

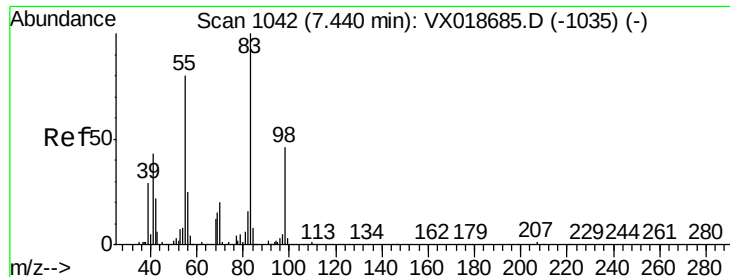


#34

Trichloroethene
Concen: 0.092 ug/L
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018723.D
Acq: 01 Oct 2020 01:40

Tgt Ion: 95 Resp: 1230
Ion Ratio Lower Upper
95 100
97 64.4 40.6 75.4
132 31.7 64.3 119.5#
130 49.2 70.6 131.0#

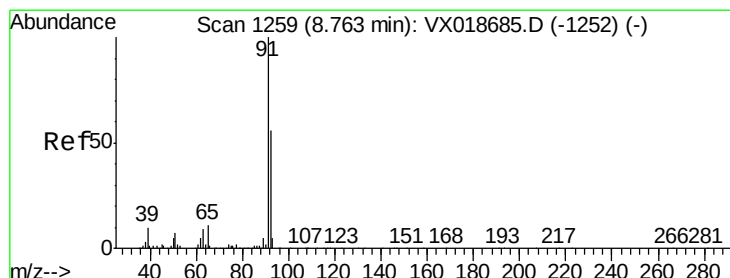
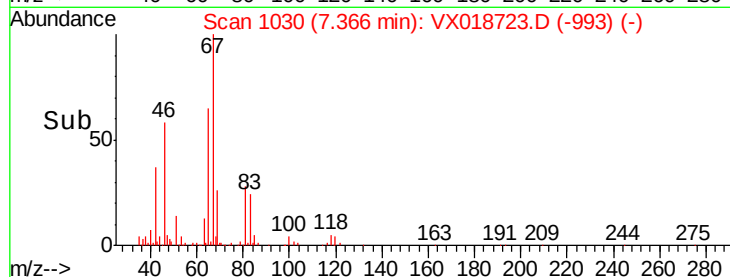
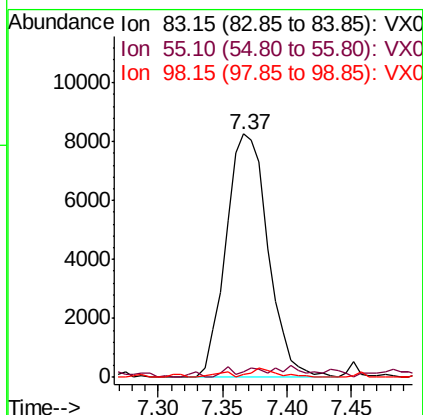
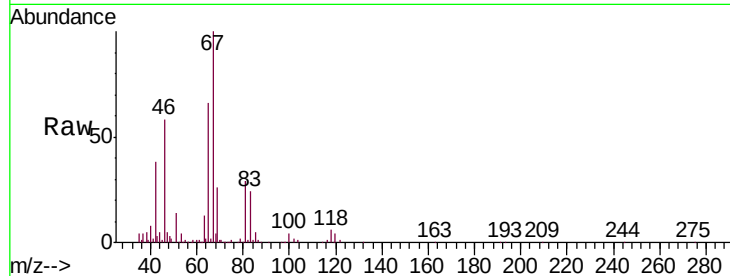




#35
Methylcyclohexane
Concen: 1.012 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018723.D
Acq: 01 Oct 2020 01:40

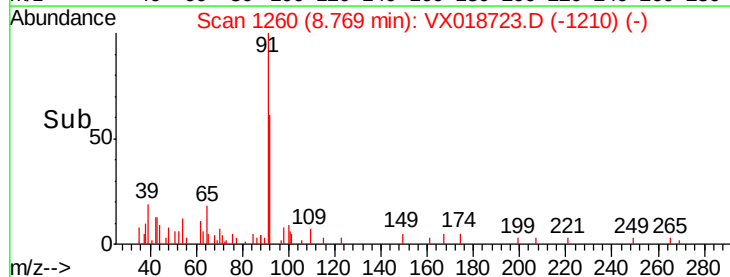
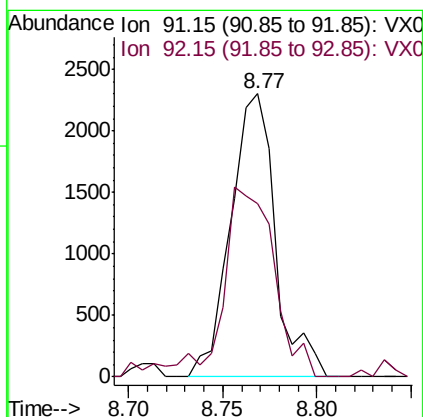
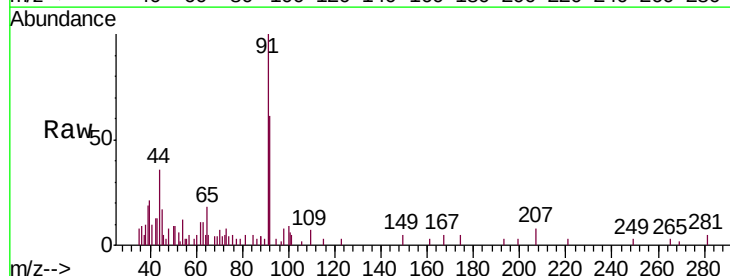
Instrument :
MSVOA_X
ClientSampled :
BFSB7

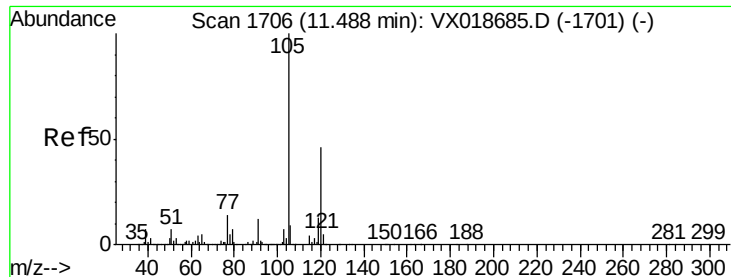
Tgt Ion: 83 Resp: 18782
Ion Ratio Lower Upper
83 100
55 1.9 67.4 101.0#
98 2.4 41.1 61.7#



#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





#43

1,3,5-Trimethylbenzene

Concen: 0.073 ug/L

RT: 11.42 min Scan# 1695

Delta R.T. -0.07 min

Lab File: VX018723.D

Acq: 01 Oct 2020 01:40

Instrument :

MSVOA_X

ClientSampleId :

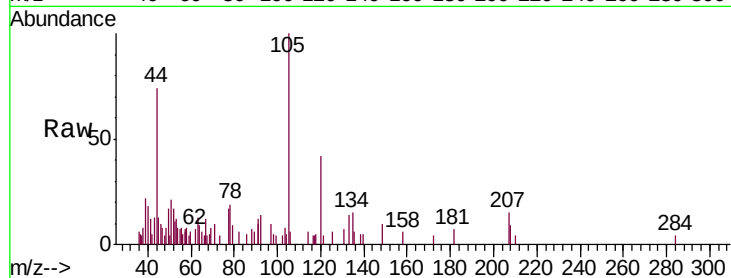
BFSB7

Tgt Ion:105 Resp: 3160

Ion Ratio Lower Upper

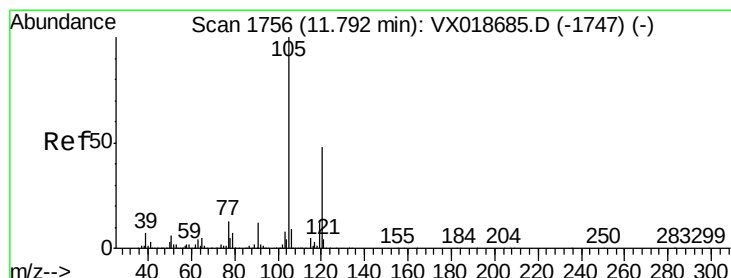
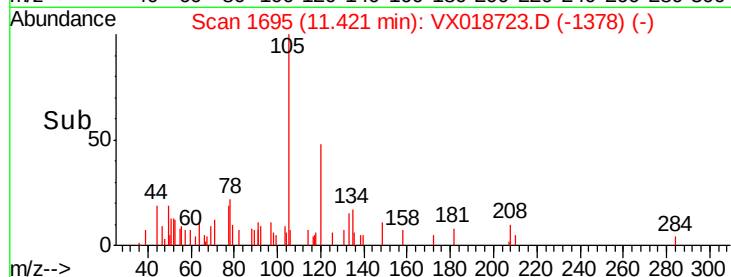
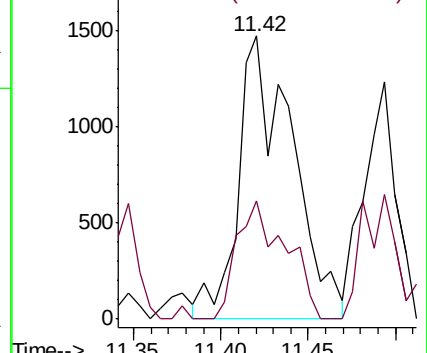
105 100

120 37.9 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#44

1,2,4-Trimethylbenzene

Concen: 0.055 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018723.D

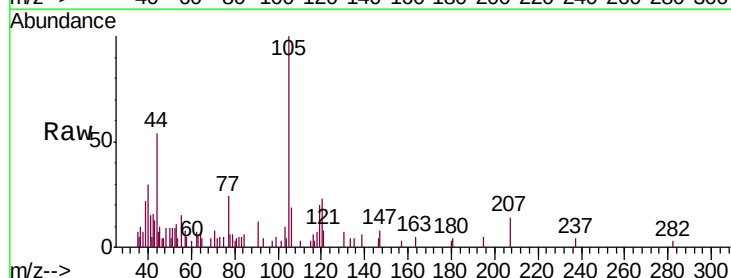
Acq: 01 Oct 2020 01:40

Tgt Ion:105 Resp: 2390

Ion Ratio Lower Upper

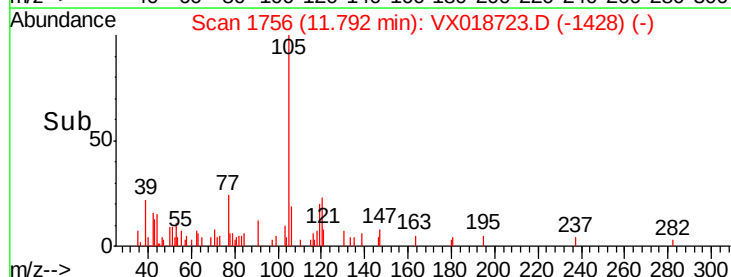
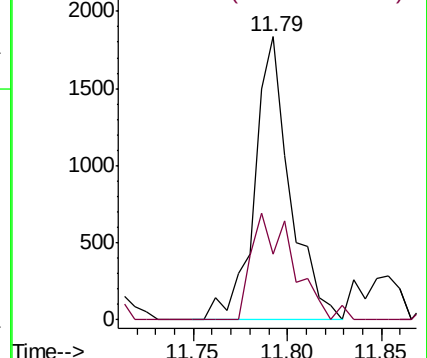
105 100

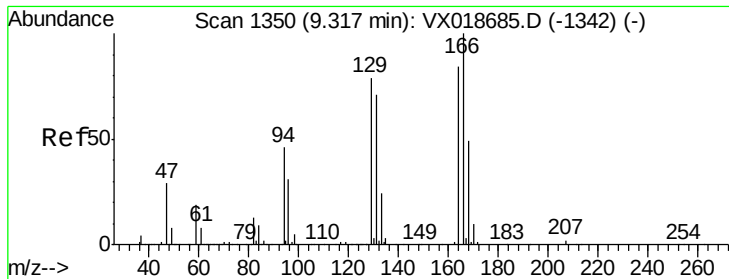
120 44.4 36.8 55.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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

Tgt Ion:164 Resp: 42329

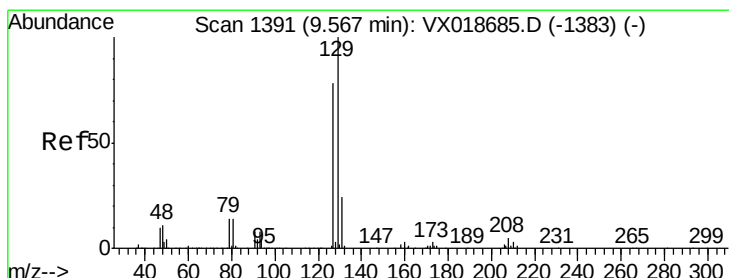
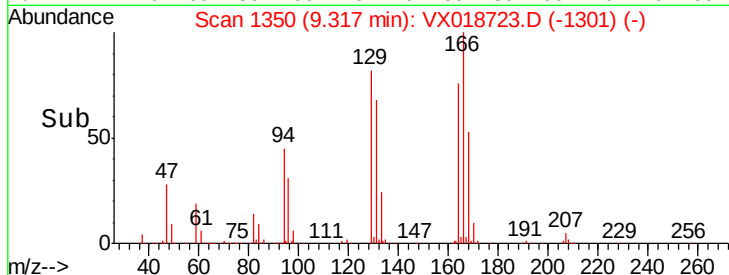
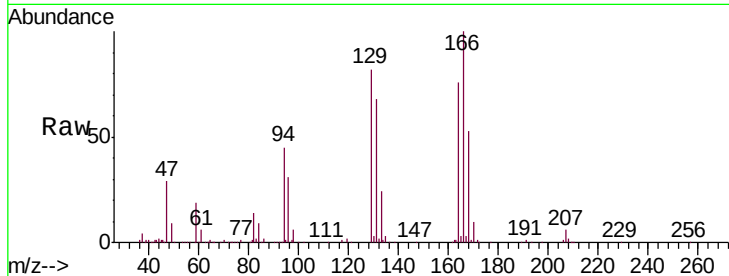
Ion Ratio Lower Upper

164 100

129 106.8 65.9 122.3

131 88.6 61.4 114.0

166 130.8 91.0 169.0



#51

Dibromochloromethane

Concen: 3.618 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX018723.D

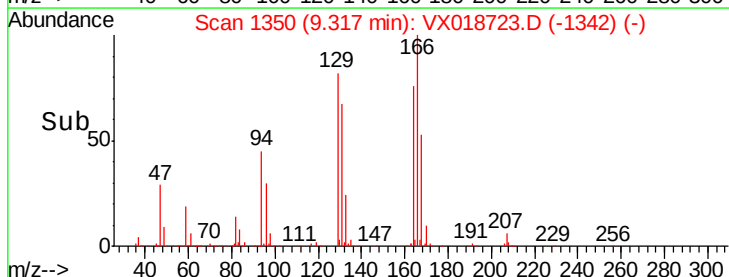
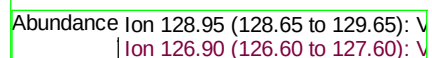
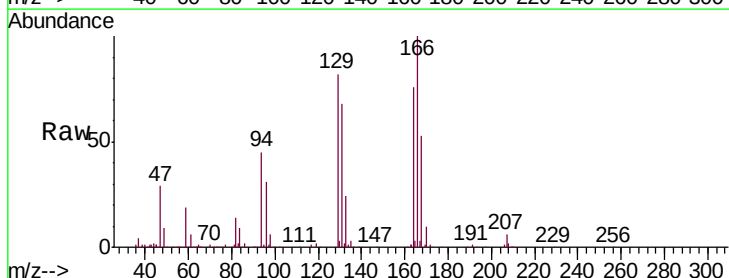
Acq: 01 Oct 2020 01:40

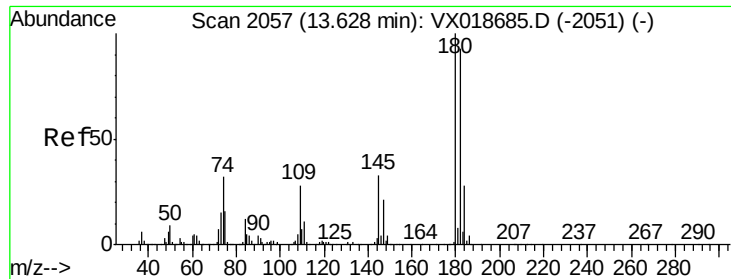
Tgt Ion:129 Resp: 41818

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#





#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

Instrument :

MSVOA_X

ClientSampleId :

BFSB7

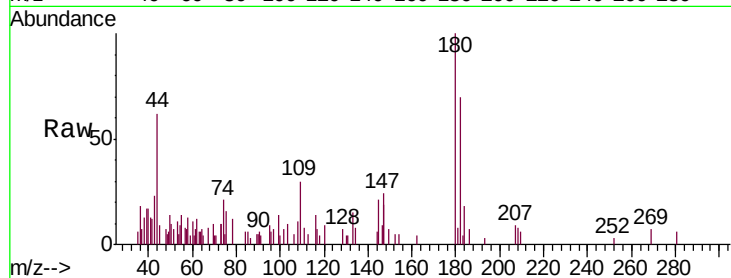
Tgt Ion:180 Resp: 1863

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

