

Data File : VX018724.D
Acq On : 01 Oct 2020 02:05
Operator : JC/SP
Sample : L4202-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFSB8

Quant Time: Oct 01 06:19:15 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	223455	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	210978	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	99265	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	38195	3.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.40%
7) Chloroethane-d5	1.70	69	40056	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.34	63	77685	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.54	46	165261	55.43	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.86%
24) Chloroform-d	5.14	84	128903	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	6.03	65	73000	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	6.05	84	215756	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	7.37	67	71790	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	8.70	98	187810	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
45) trans-1,3-Dichloropropene-	8.99	79	27852	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
48) 2-Hexanone-d5	9.43	63	125521	53.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.22%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	55129	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	76401	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

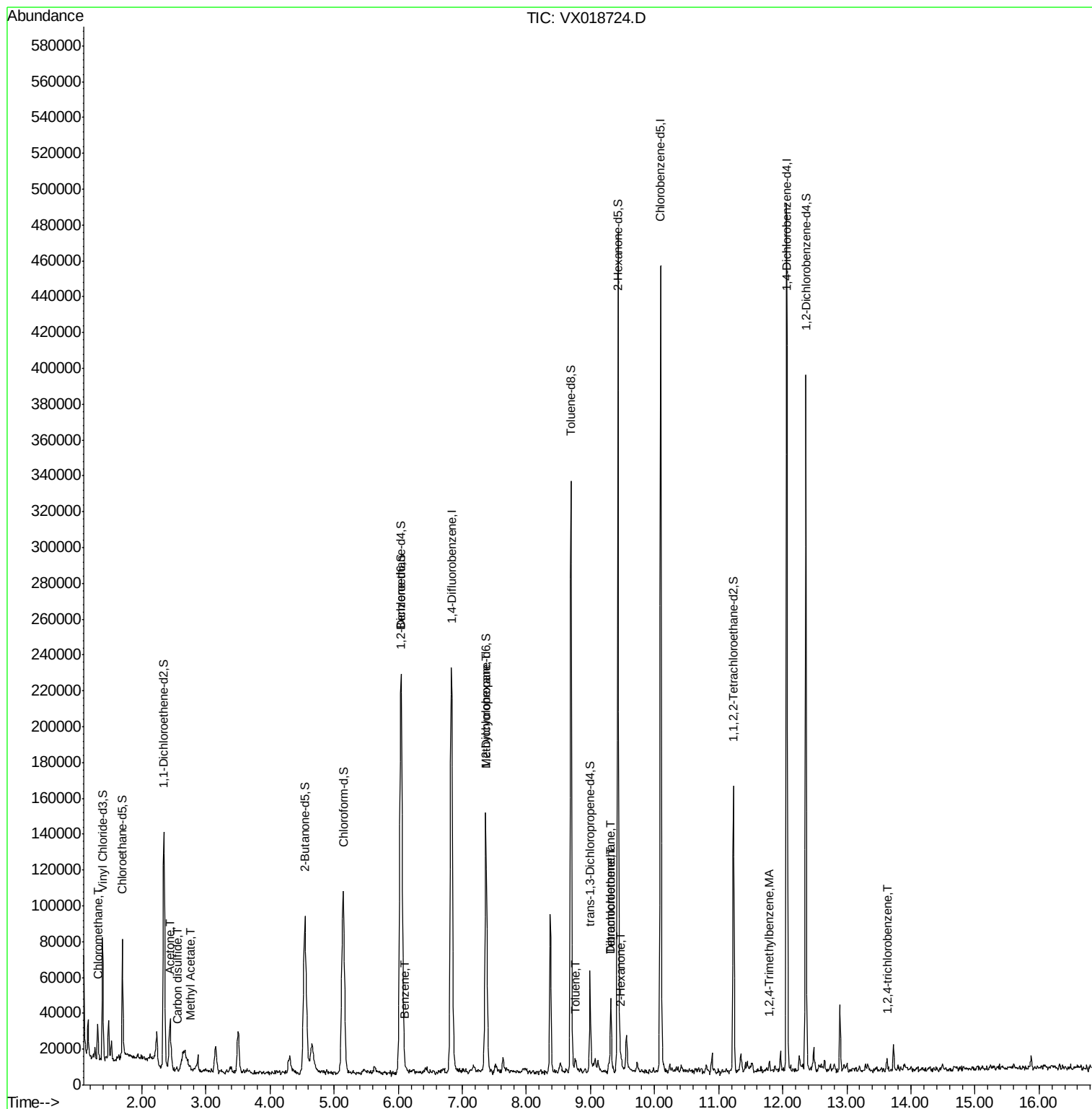
					Qvalue
3) Chloromethane	1.31	50	12044	1.043 ug/L	91
13) Acetone	2.44	43	40534	24.561 ug/L	97
14) Carbon disulfide	2.56	76	1963	0.059 ug/L #	74
15) Methyl Acetate	2.75	43	1018	0.223 ug/L #	69
33) Benzene	6.11	78	2328	0.057 ug/L	100
35) Methylcyclohexane	7.37	83	18124	1.107 ug/L #	16
42) Toluene	8.76	91	3976	0.090 ug/L	85
44) 1,2,4-Trimethylbenzene	11.79	105	2030	0.053 ug/L	94
49) Tetrachloroethene	9.32	164	7020	0.758 ug/L	84
50) 2-Hexanone	9.47	43	3274	0.769 ug/L #	45
51) Dibromochloromethane	9.32	129	6512	0.639 ug/L #	10
69) 1,2,4-trichlorobenzene	13.63	180	1210	0.091 ug/L	99

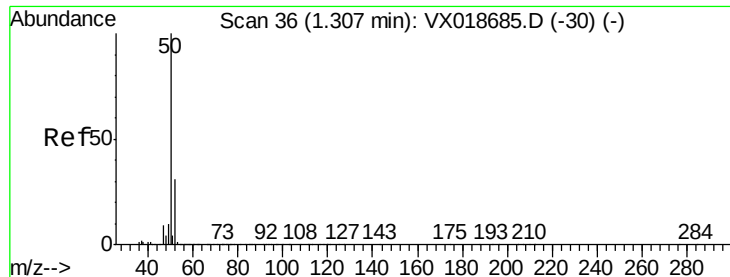
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.043 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.01 min

Lab File: VX018724.D

Acq: 01 Oct 2020 02:05

Instrument :

MSVOA_X

ClientSampleId :

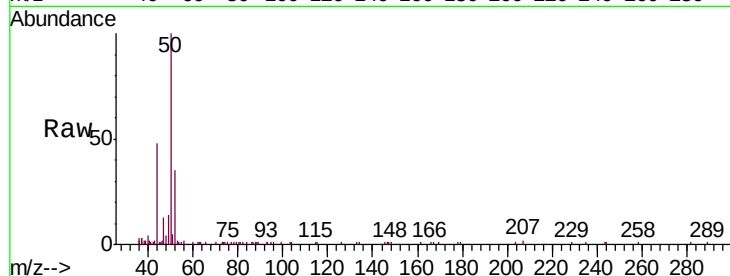
BFSB8

Tgt Ion: 50 Resp: 12044

Ion Ratio Lower Upper

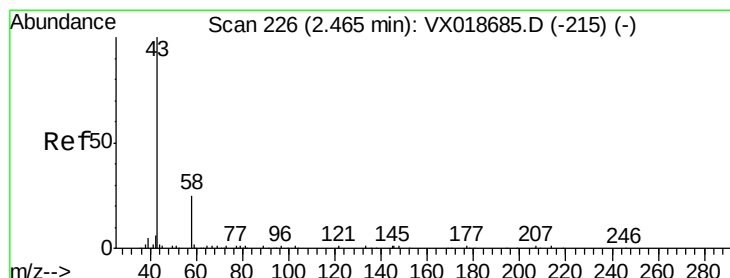
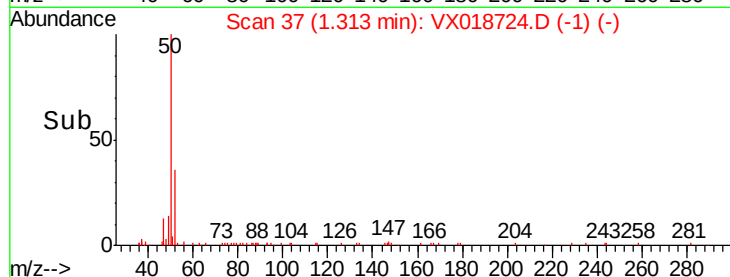
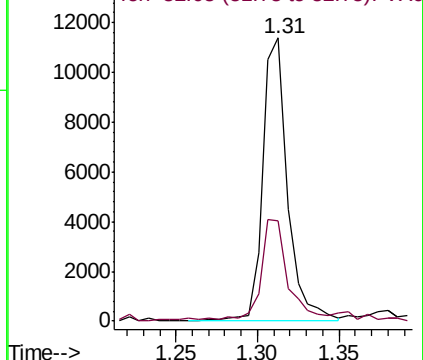
50 100

52 35.4 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 24.561 ug/L

RT: 2.44 min Scan# 222

Delta R.T. -0.02 min

Lab File: VX018724.D

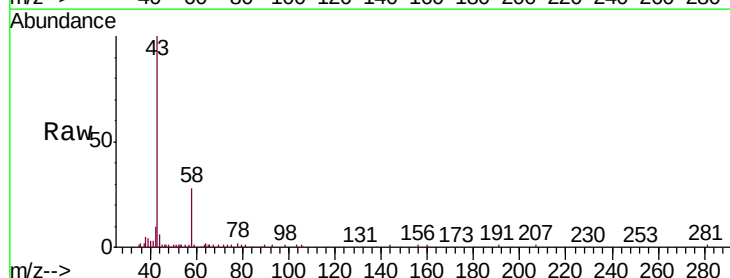
Acq: 01 Oct 2020 02:05

Tgt Ion: 43 Resp: 40534

Ion Ratio Lower Upper

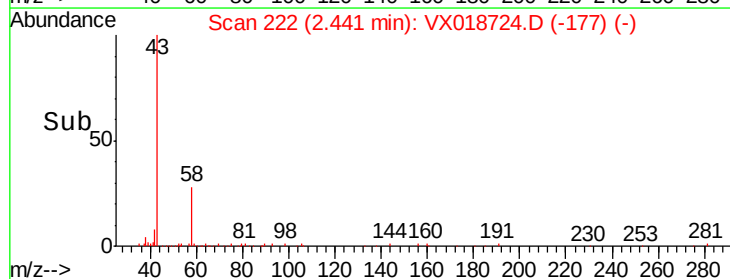
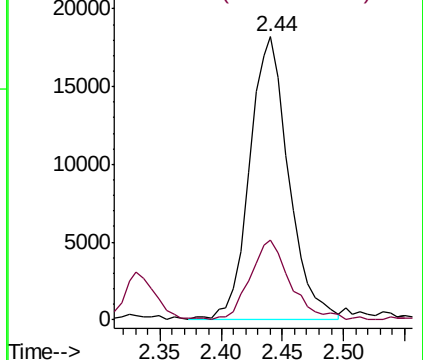
43 100

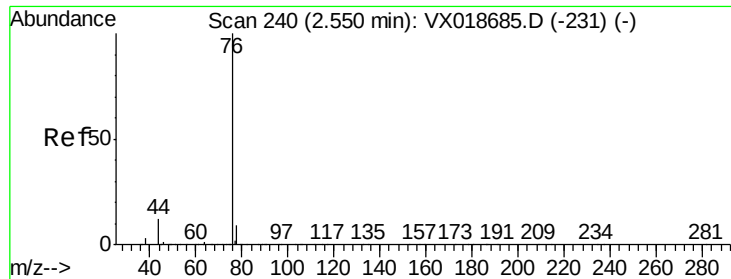
58 29.2 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#14

Carbon disulfide

Concen: 0.059 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018724.D

Acq: 01 Oct 2020 02:05

Instrument :

MSVOA_X

ClientSampleId :

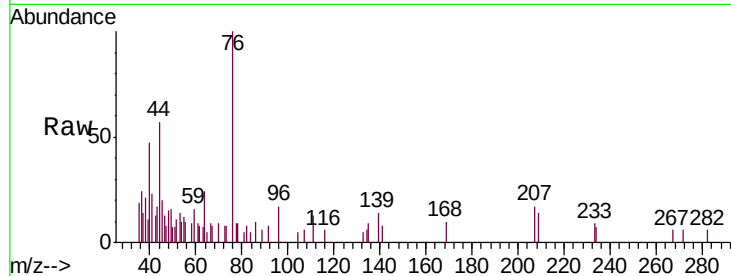
BFSB8

Tgt Ion: 76 Resp: 1963

Ion Ratio Lower Upper

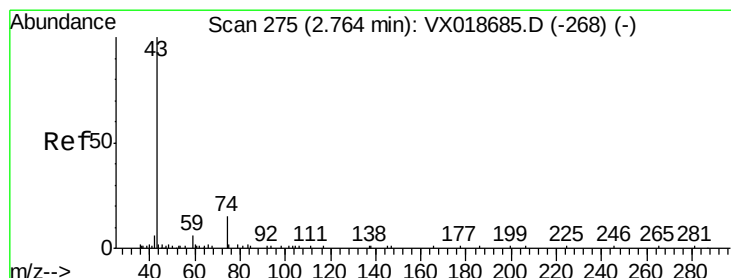
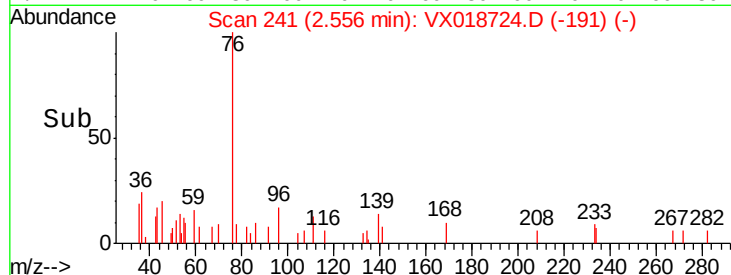
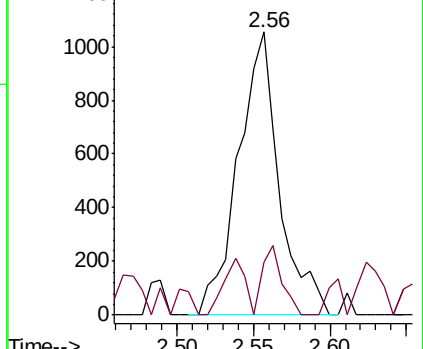
76 100

78 18.5 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



#15

Methyl Acetate

Concen: 0.223 ug/L

RT: 2.75 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX018724.D

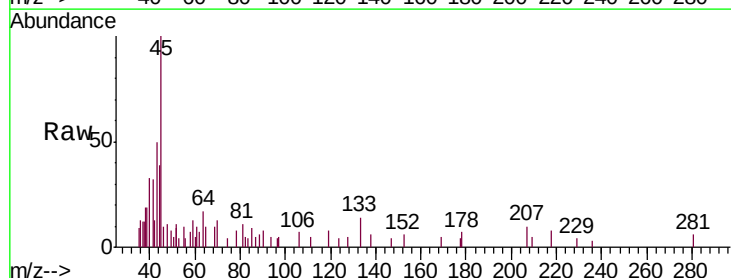
Acq: 01 Oct 2020 02:05

Tgt Ion: 43 Resp: 1018

Ion Ratio Lower Upper

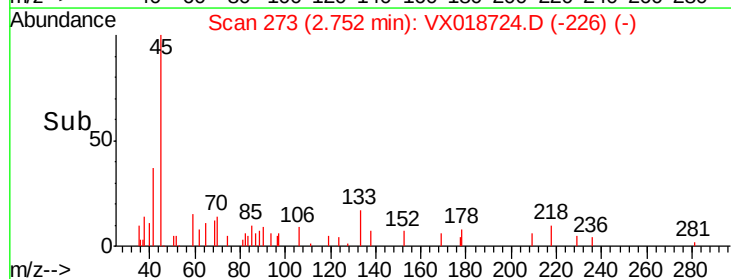
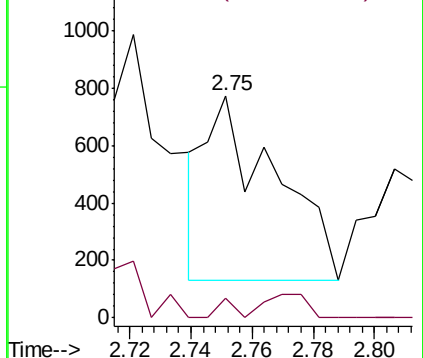
43 100

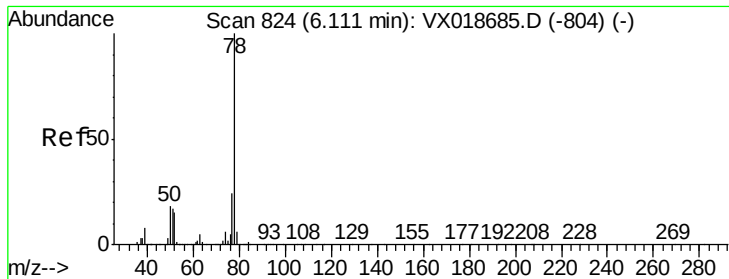
74 10.3 21.2 31.8#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0





#33

Benzene

Concen: 0.057 ug/L

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018724.D

Acq: 01 Oct 2020 02:05

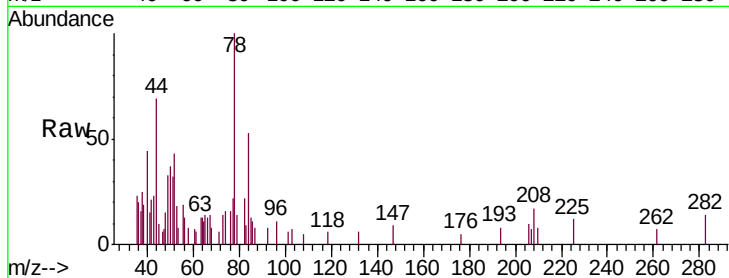
Instrument :

MSVOA_X

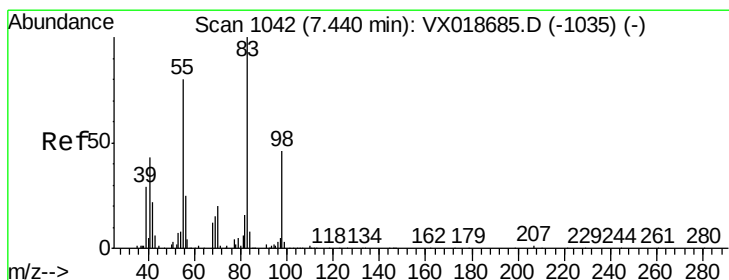
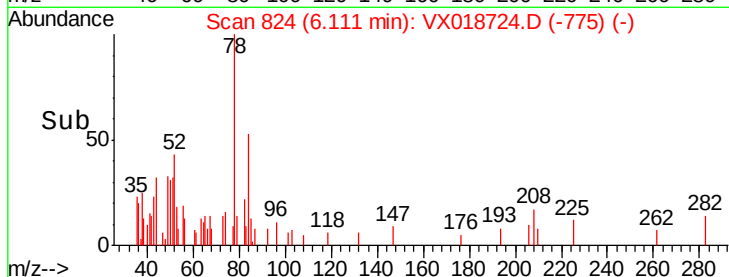
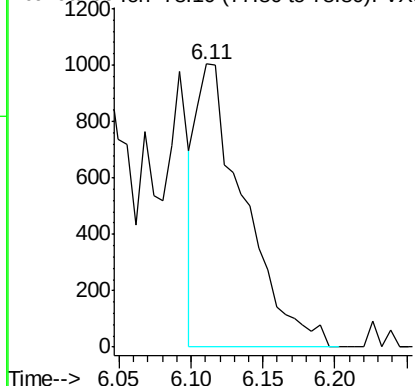
ClientSampled :

BFSB8

Tgt Ion: 78 Resp: 2328



Abundance Ion 78.10 (77.80 to 78.80): VX0



#35

Methylcyclohexane

Concen: 1.107 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.07 min

Lab File: VX018724.D

Acq: 01 Oct 2020 02:05

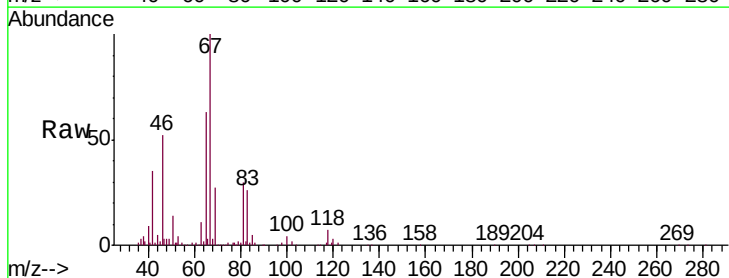
Tgt Ion: 83 Resp: 18124

Ion Ratio Lower Upper

83 100

55 1.0 67.4 101.0#

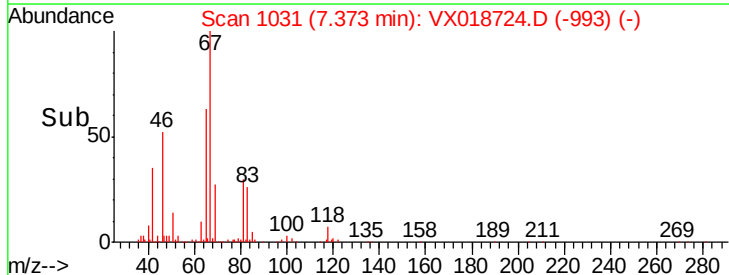
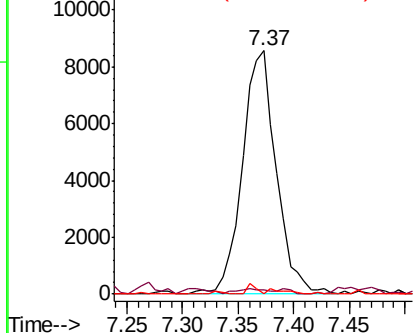
98 1.3 41.1 61.7#

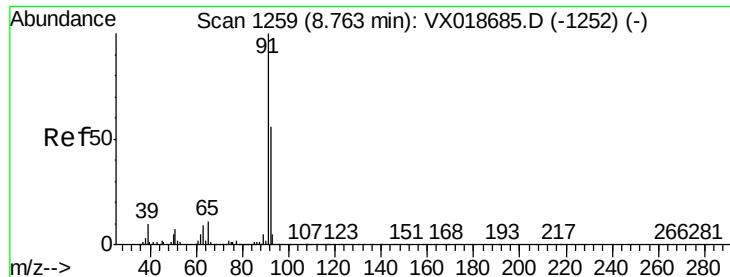


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#42

Toluene

Concen: 0.090 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018724.D

Acq: 01 Oct 2020 02:05

Instrument :

MSVOA_X

ClientSampled :

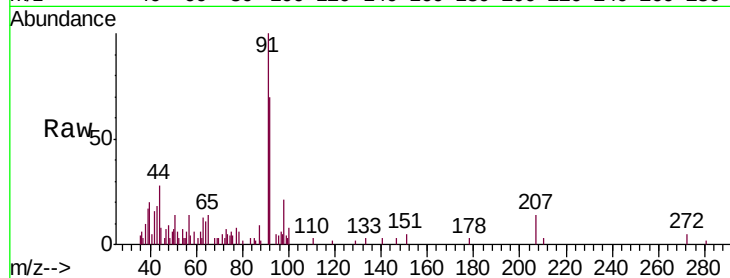
BFSB8

Tgt Ion: 91 Resp: 3976

Ion Ratio Lower Upper

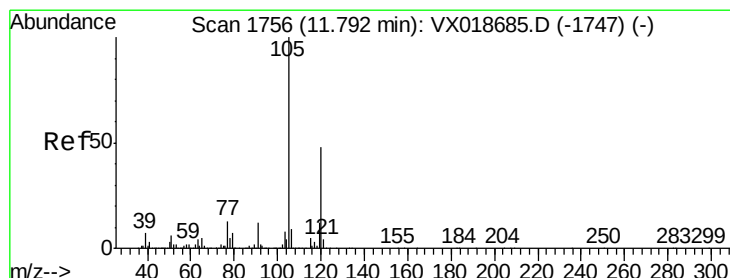
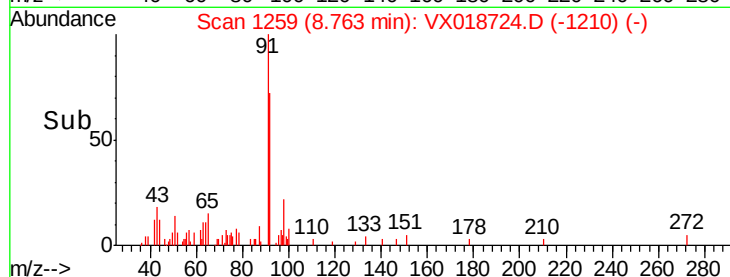
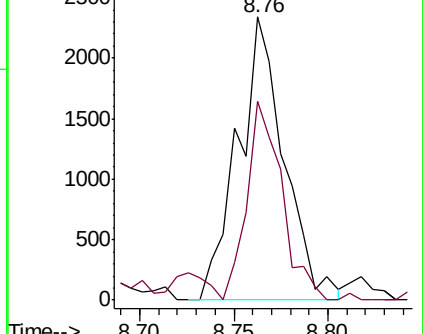
91 100

92 70.2 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#44

1,2,4-Trimethylbenzene

Concen: 0.053 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.01 min

Lab File: VX018724.D

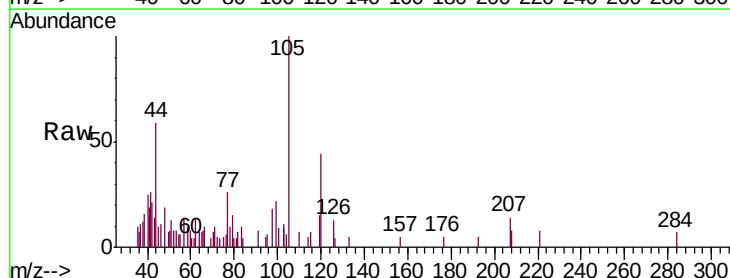
Acq: 01 Oct 2020 02:05

Tgt Ion: 105 Resp: 2030

Ion Ratio Lower Upper

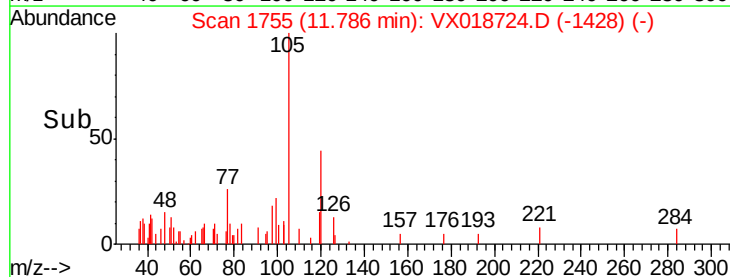
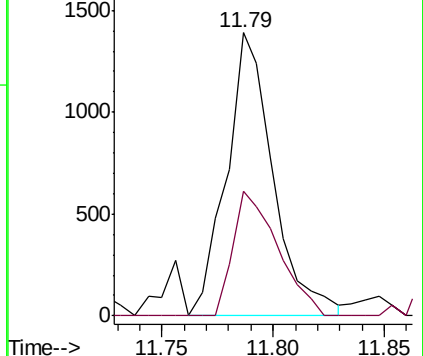
105 100

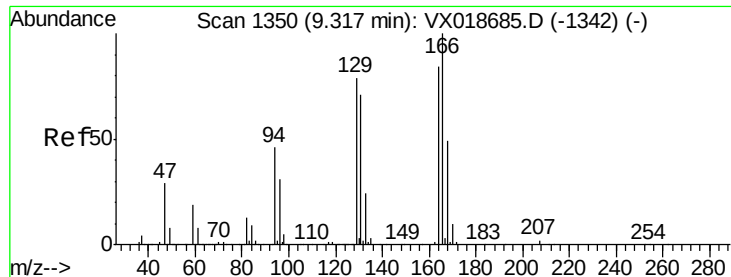
120 42.2 36.8 55.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#49

Tetrachloroethene

Concen: 0.758 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018724.D

Acq: 01 Oct 2020 02:05

Instrument :

MSVOA_X

ClientSampled :

BFSB8

Tgt Ion:164 Resp: 7020

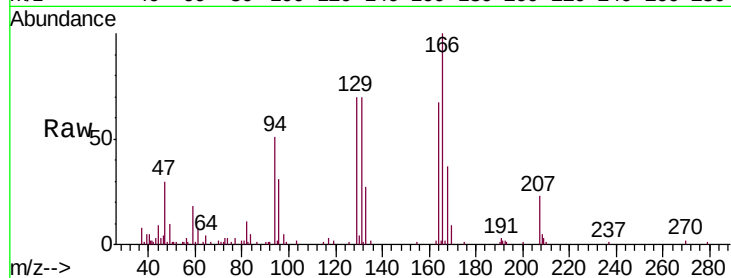
Ion Ratio Lower Upper

164 100

129 104.7 65.9 122.3

131 104.8 61.4 114.0

166 149.7 91.0 169.0

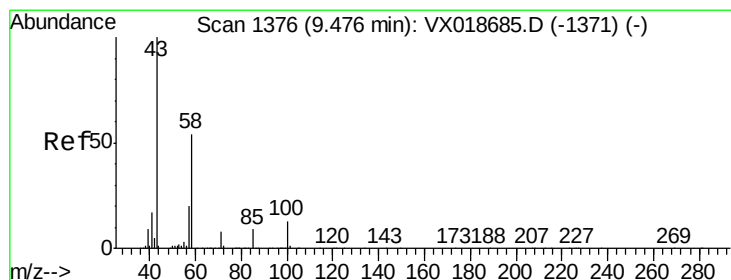
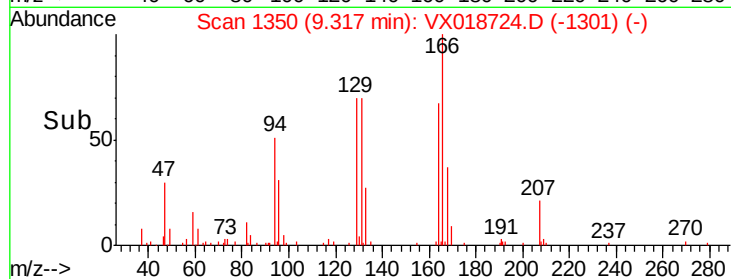
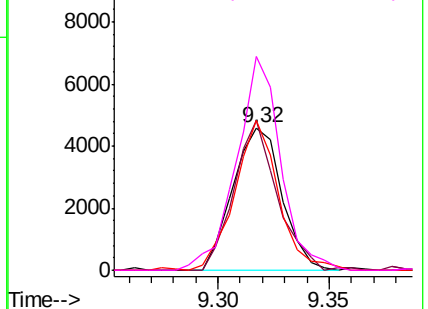


Abundance Ion 163.90 (163.60 to 164.60): V

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



#50

2-Hexanone

Concen: 0.769 ug/L

RT: 9.47 min Scan# 1375

Delta R.T. -0.01 min

Lab File: VX018724.D

Acq: 01 Oct 2020 02:05

Tgt Ion: 43 Resp: 3274

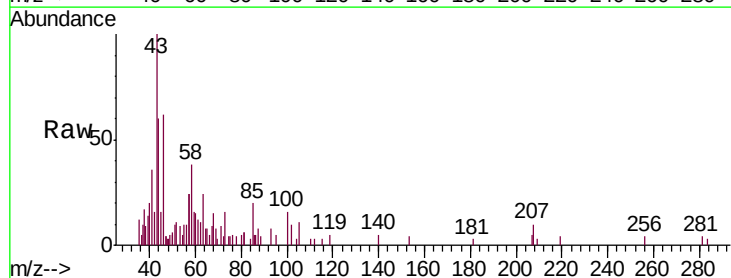
Ion Ratio Lower Upper

43 100

58 0.0 42.5 63.7#

57 27.2 15.9 23.9#

100 0.0 9.4 14.0#

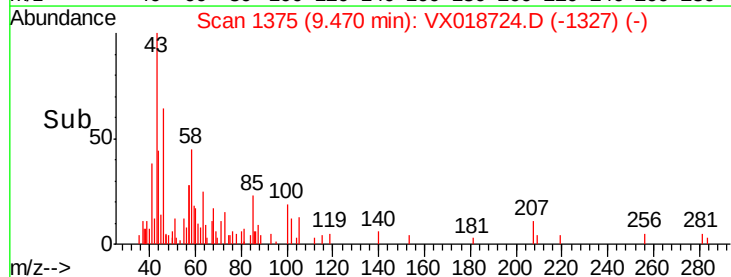
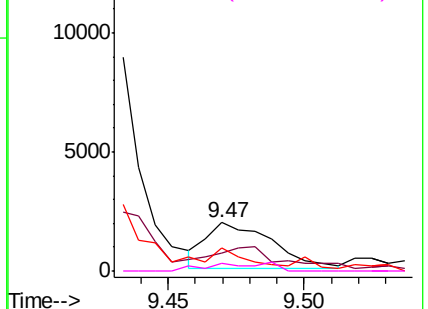


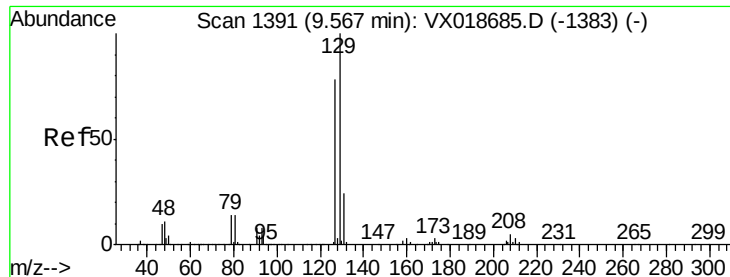
Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): VX0





#51

Dibromochloromethane

Concen: 0.639 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX018724.D

Acq: 01 Oct 2020 02:05

Instrument :

MSVOA_X

ClientSampled :

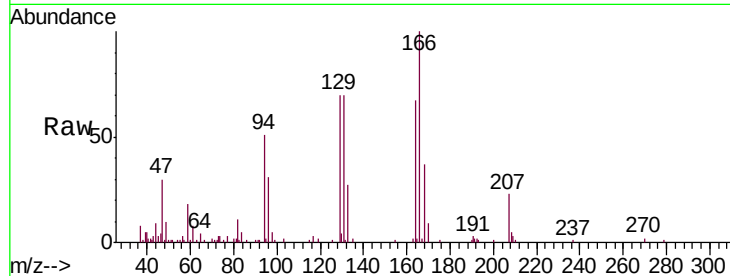
BFSB8

Tgt Ion:129 Resp: 6512

Ion Ratio Lower Upper

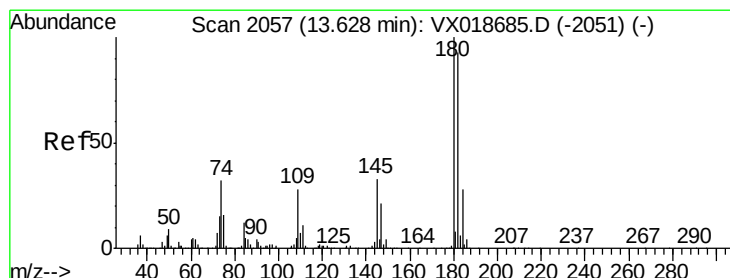
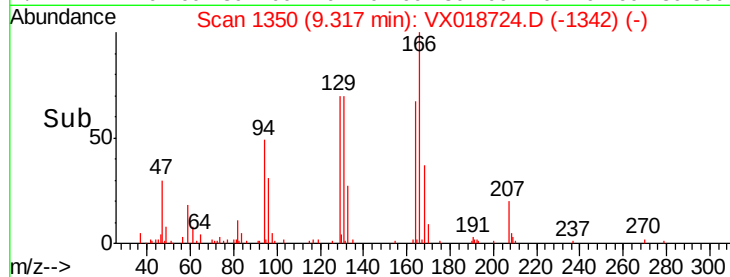
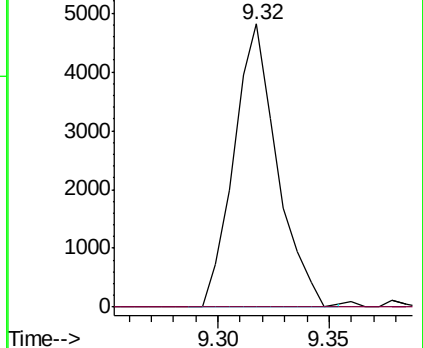
129 100

127 0.0 55.0 102.2#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#69

1,2,4-trichlorobenzene

Concen: 0.091 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018724.D

Acq: 01 Oct 2020 02:05

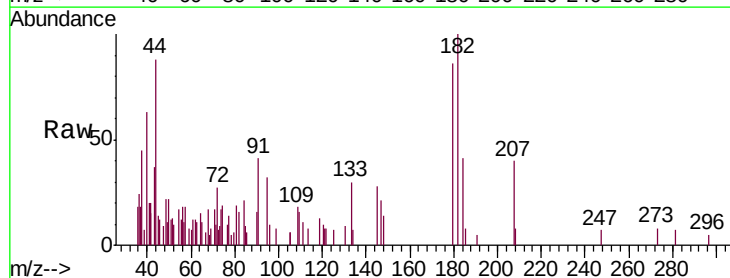
Tgt Ion:180 Resp: 1210

Ion Ratio Lower Upper

180 100

182 94.6 74.6 112.0

145 30.7 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

