

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081020\
 Data File : VX017855.D
 Acq On : 10 Aug 2020 17:19
 Operator : JC/SP
 Sample : L3600-16
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB67

Quant Time: Aug 11 07:16:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 11 07:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	240808	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	218217	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	103902	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74201	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.69	69	70372	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.34	63	106455	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.53	46	322217	72.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.82%#
24) Chloroform-d	5.14	84	169552	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	6.03	65	108351	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	6.05	84	290021	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	7.37	67	107952	5.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.60%
41) Toluene-d8	8.70	98	239906	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
45) trans-1,3-Dichloropropene-	8.99	79	41917	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
48) 2-Hexanone-d5	9.43	63	235015	70.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	141.02%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	93386	6.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.60%#
65) 1,2-Dichlorobenzene-d4	12.36	152	103326	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

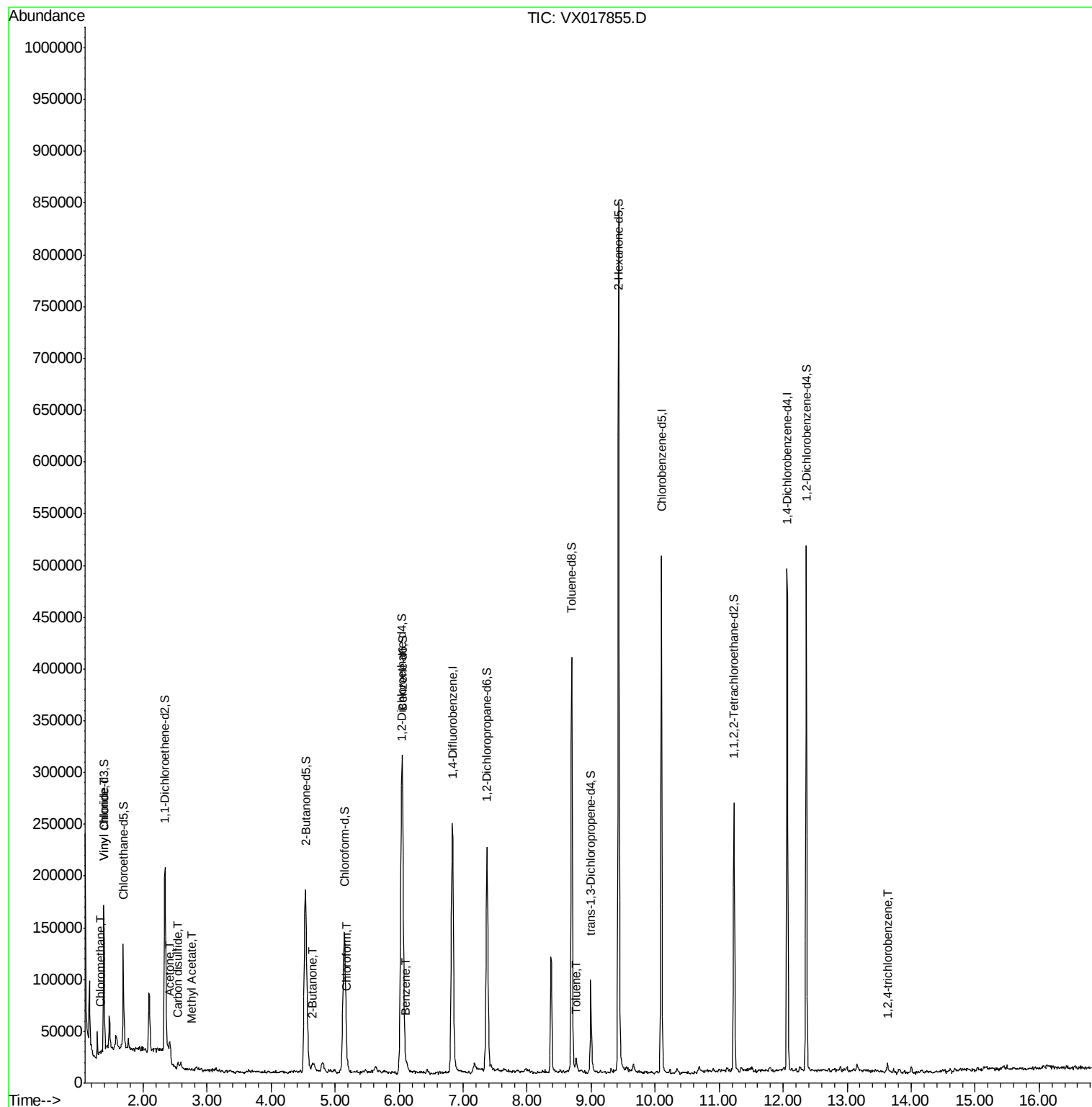
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	1934	0.085	ug/L #	60
5) Vinyl chloride	1.39	62	1521	0.067	ug/L #	1
13) Acetone	2.42	43	17614	5.455	ug/L	94
14) Carbon disulfide	2.55	76	5494	0.083	ug/L #	81
15) Methyl Acetate	2.76	43	743	0.078	ug/L #	8
21) 2-Butanone	4.65	43	6937	1.244	ug/L	97
25) Chloroform	5.18	83	7256	0.180	ug/L	86
33) Benzene	6.11	78	8504	0.110	ug/L	100
42) Toluene	8.77	91	8263	0.099	ug/L #	72
69) 1,2,4-trichlorobenzene	13.63	180	2317	0.088	ug/L #	76

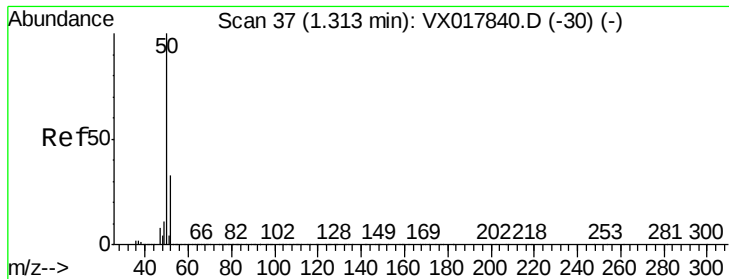
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.085 ug/L

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017855.D

Acq: 10 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

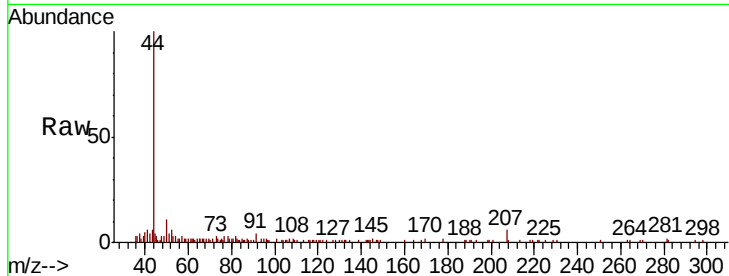
BFB67

Tot Ion: 50 Resp: 1934

Ion Ratio Lower Upper

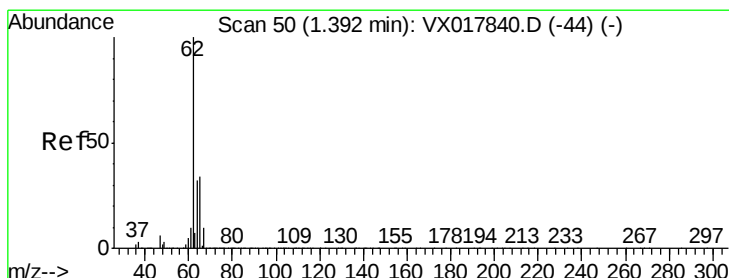
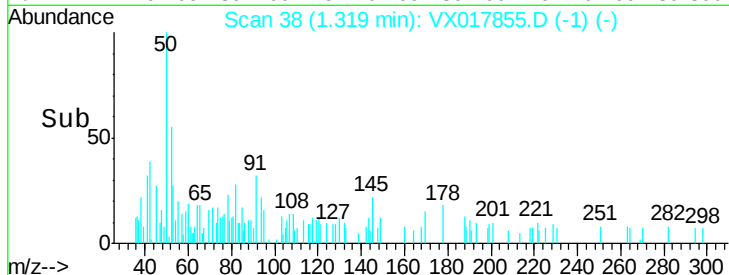
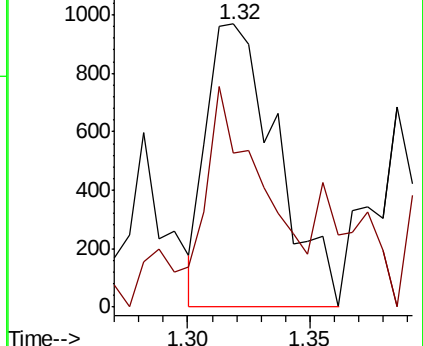
50 100

52 54.5 22.5 41.9#



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#5

Vinyl chloride

Concen: 0.067 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017855.D

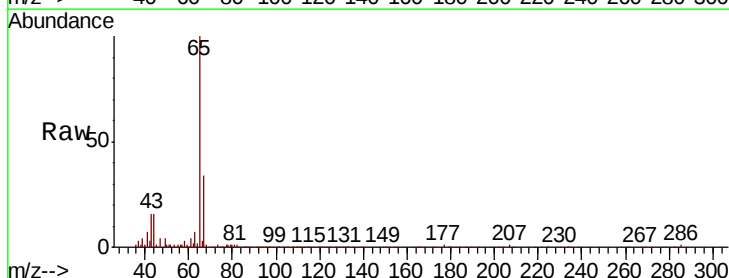
Acq: 10 Aug 2020 17:19

Tgt Ion: 62 Resp: 1521

Ion Ratio Lower Upper

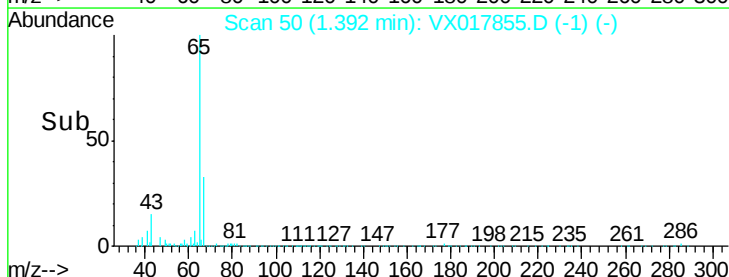
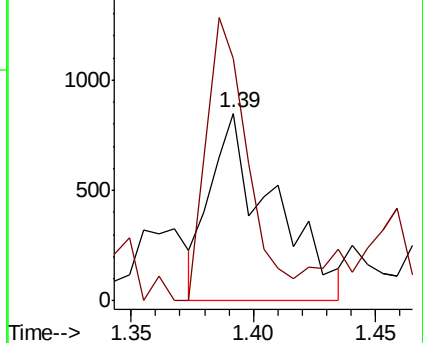
62 100

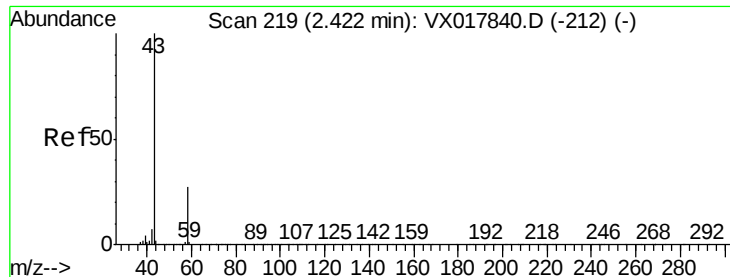
64 129.1 21.3 39.6#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0





#13

Acetone

Concen: 5.455 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017855.D

Acq: 10 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

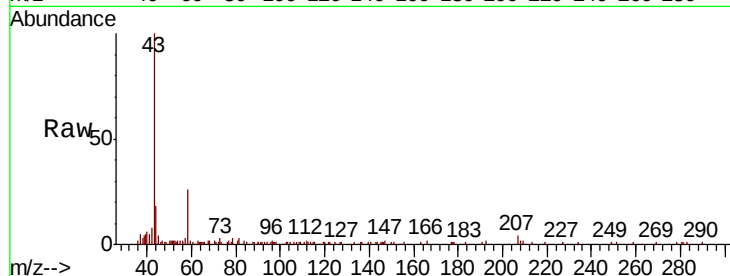
BFB67

Tot Ion: 43 Resp: 17614

Ion Ratio Lower Upper

43 100

58 33.8 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

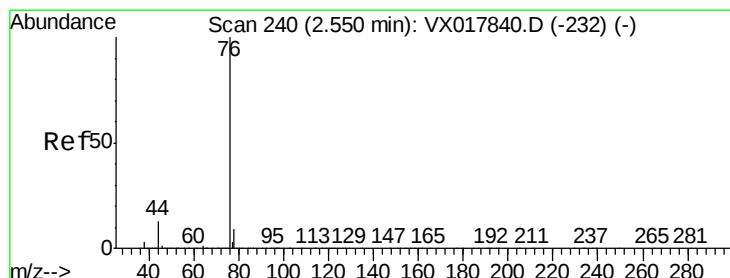
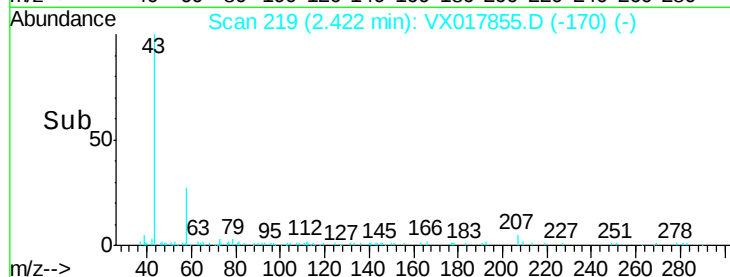
2.42

10000

5000

0

Time-->



#14

Carbon disulfide

Concen: 0.083 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017855.D

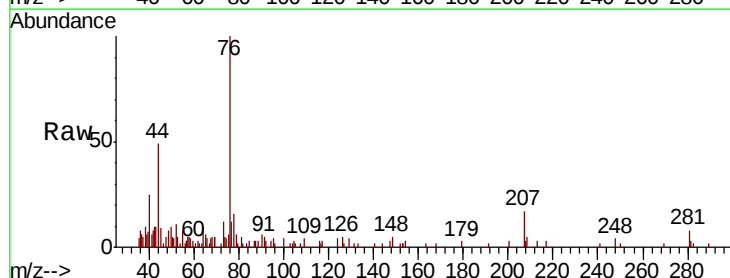
Acq: 10 Aug 2020 17:19

Tgt Ion: 76 Resp: 5494

Ion Ratio Lower Upper

76 100

78 15.6 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

2.55

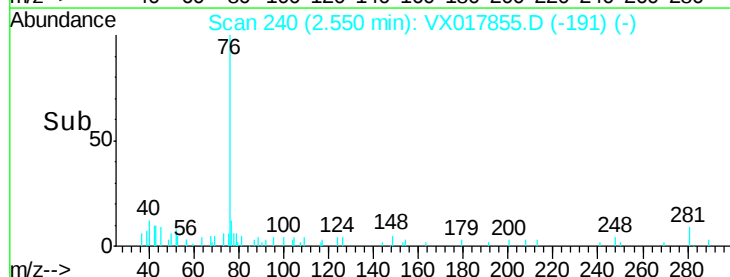
3000

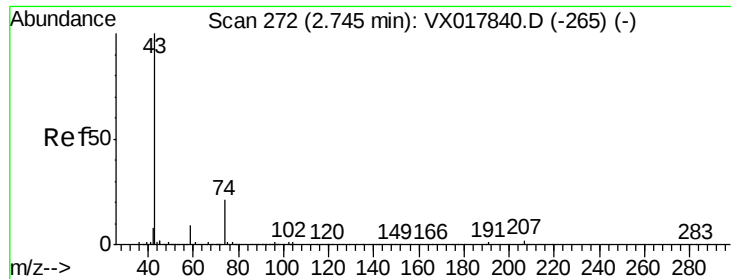
2000

1000

0

Time-->

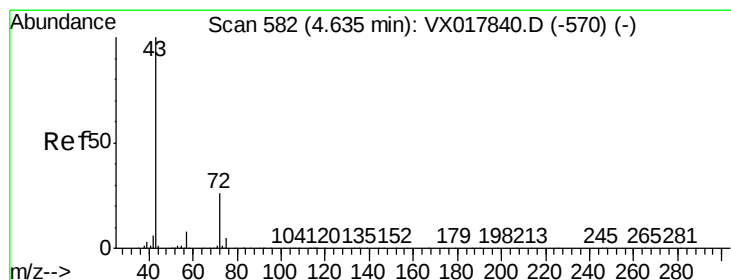
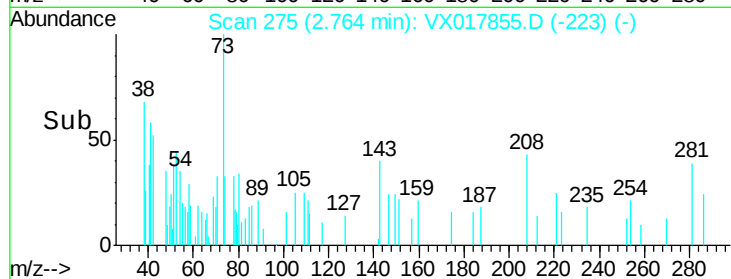
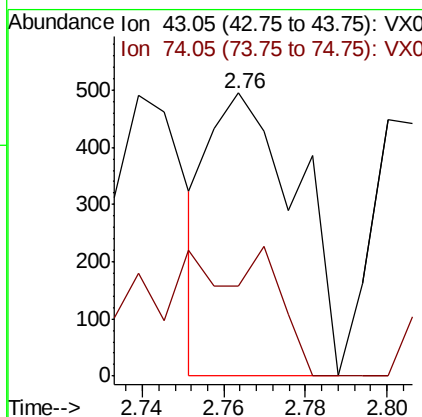
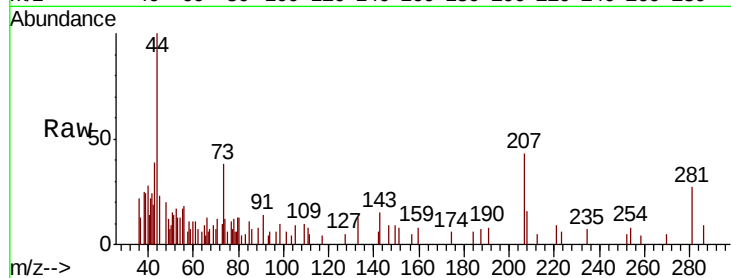




#15
Methvl Acetate
Concen: 0.078 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.02 min
Lab File: VX017855.D
Acq: 10 Aug 2020 17:19

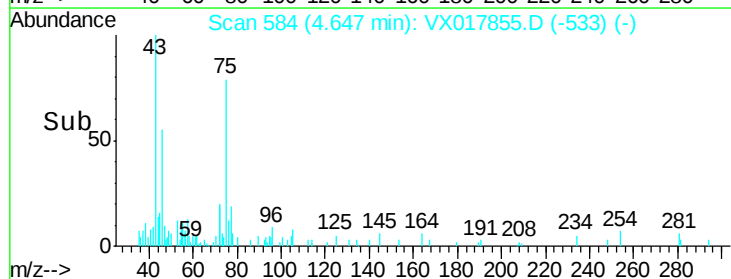
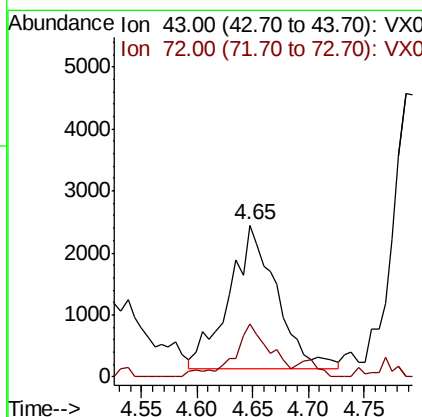
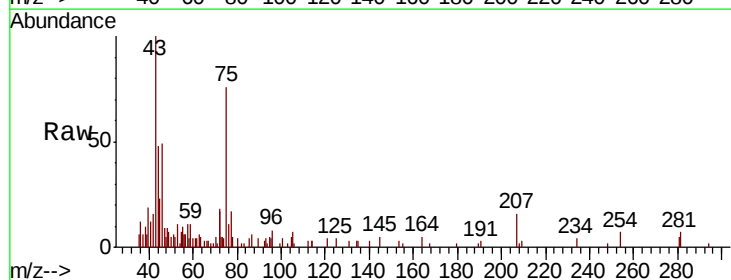
Instrument :
MSVOA_X
ClientSampled :
BFB67

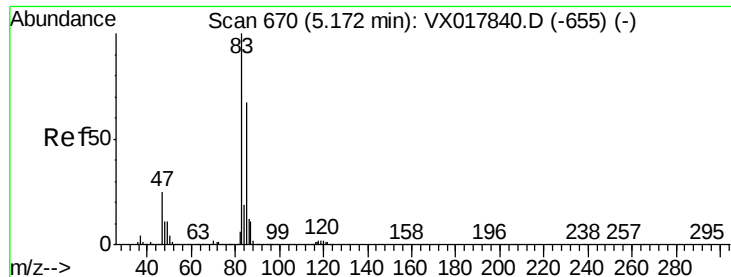
Tot Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
74 72.3 20.4 30.6#



#21
2-Butanone
Concen: 1.244 ug/L
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017855.D
Acq: 10 Aug 2020 17:19

Tgt Ion: 43 Resp: 6937
Ion Ratio Lower Upper
43 100
72 27.7 13.2 39.6





#25

Chloroform

Concen: 0.180 ug/L

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX017855.D

Acq: 10 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampled :

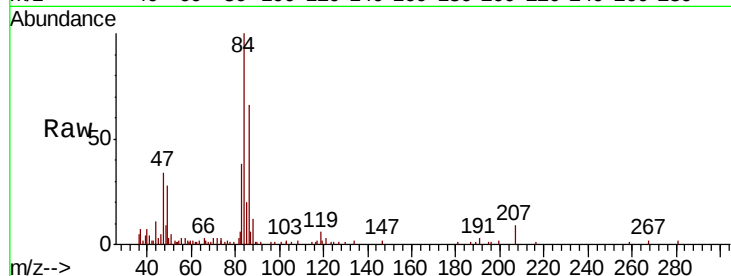
BFB67

Tot Ion: 83 Resp: 7256

Ion Ratio Lower Upper

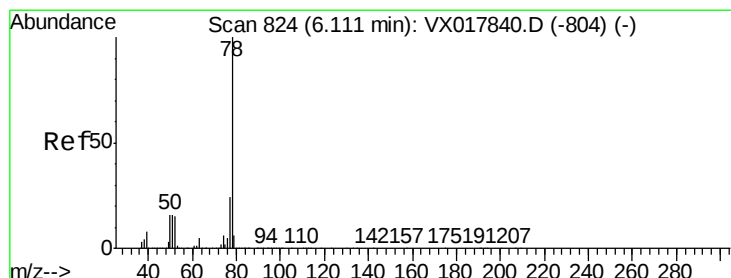
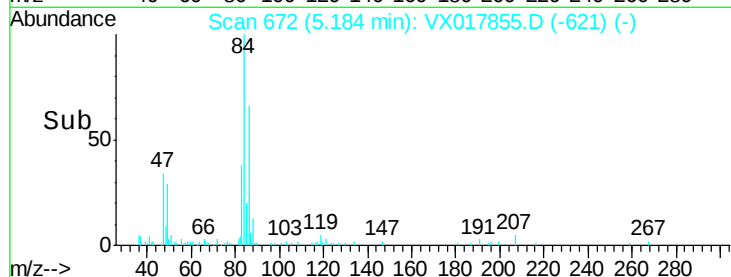
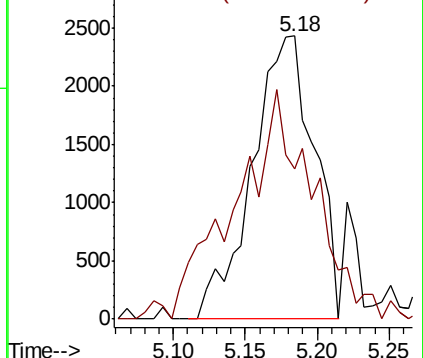
83 100

85 53.3 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#33

Benzene

Concen: 0.110 ug/L

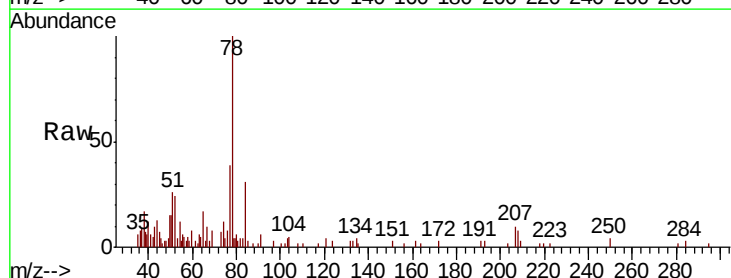
RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

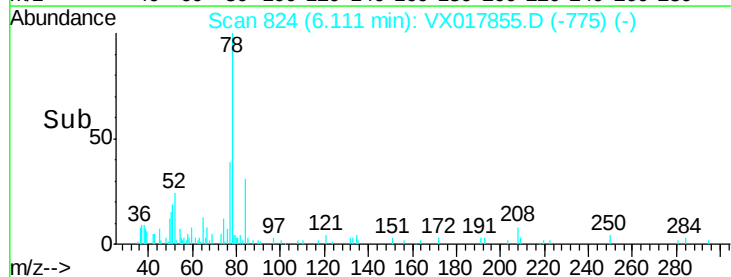
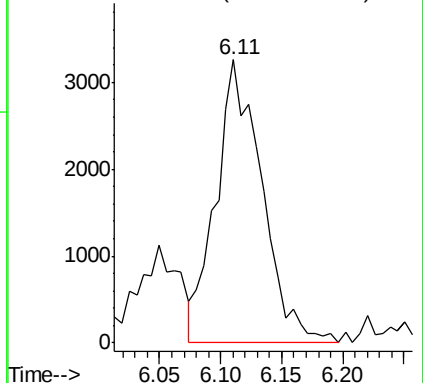
Lab File: VX017855.D

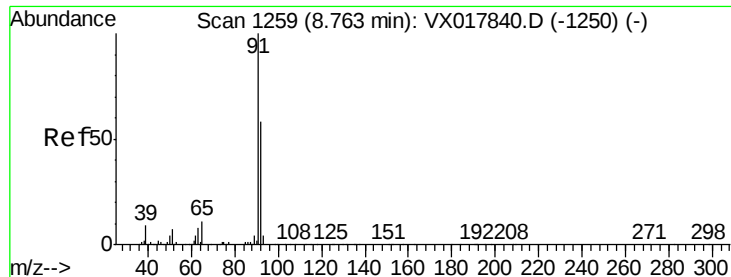
Acq: 10 Aug 2020 17:19

Tgt Ion: 78 Resp: 8504



Abundance Ion 78.10 (77.80 to 78.80): VX0





#42

Toluene

Concen: 0.099 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017855.D

Acq: 10 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampled :

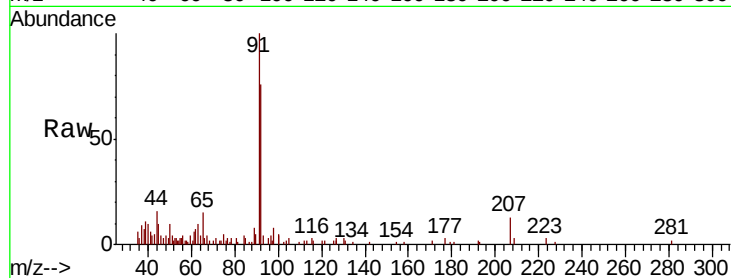
BFB67

Tot Ion: 91 Resp: 8263

Ion Ratio Lower Upper

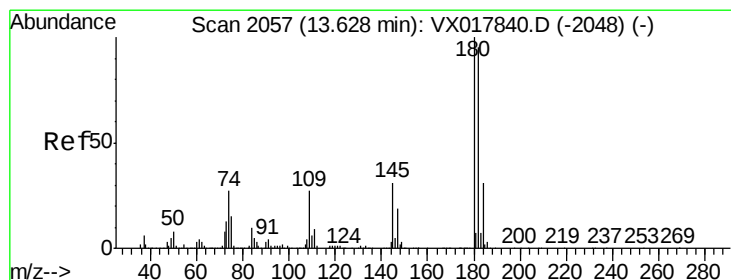
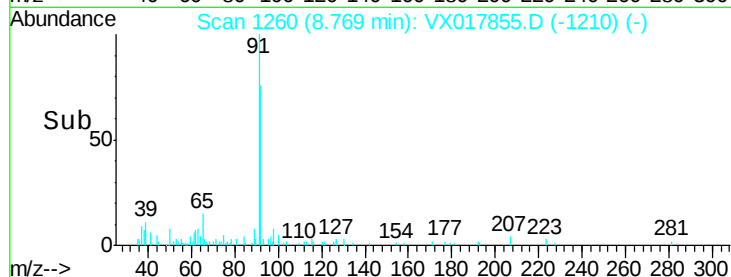
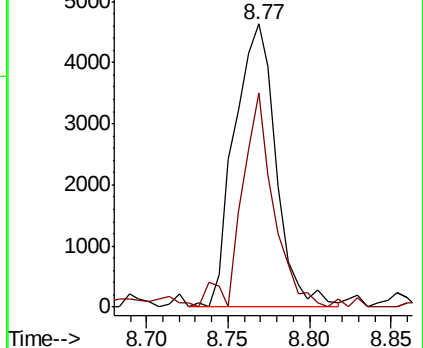
91 100

92 75.5 38.8 72.0#



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#69

1,2,4-trichlorobenzene

Concen: 0.088 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017855.D

Acq: 10 Aug 2020 17:19

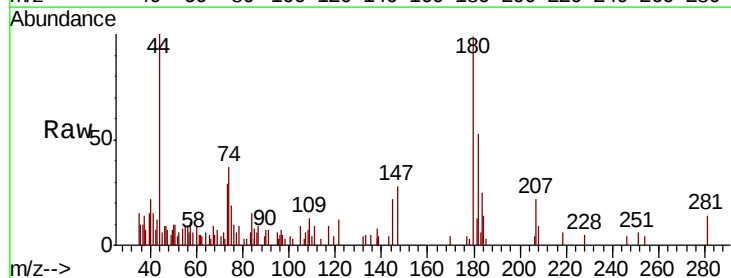
Tgt Ion: 180 Resp: 2317

Ion Ratio Lower Upper

180 100

182 65.2 76.5 114.7#

145 31.3 25.4 38.0



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

