

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081020\
 Data File : VX017856.D
 Acq On : 10 Aug 2020 17:44
 Operator : JC/SP
 Sample : L3600-17
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00570

Quant Time: Aug 11 07:16:58 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	297145	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	279484	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	123965	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80811	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.69	69	75830	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.34	63	116676	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.54	46	330849	60.67	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.34%
24) Chloroform-d	5.14	84	196168	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	6.03	65	120455	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	6.05	84	345181	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	7.37	67	121424	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	8.70	98	284897	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
45) trans-1,3-Dichloropropene-	8.99	79	46521	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
48) 2-Hexanone-d5	9.43	63	265875	62.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.56%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	100021	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	123666	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

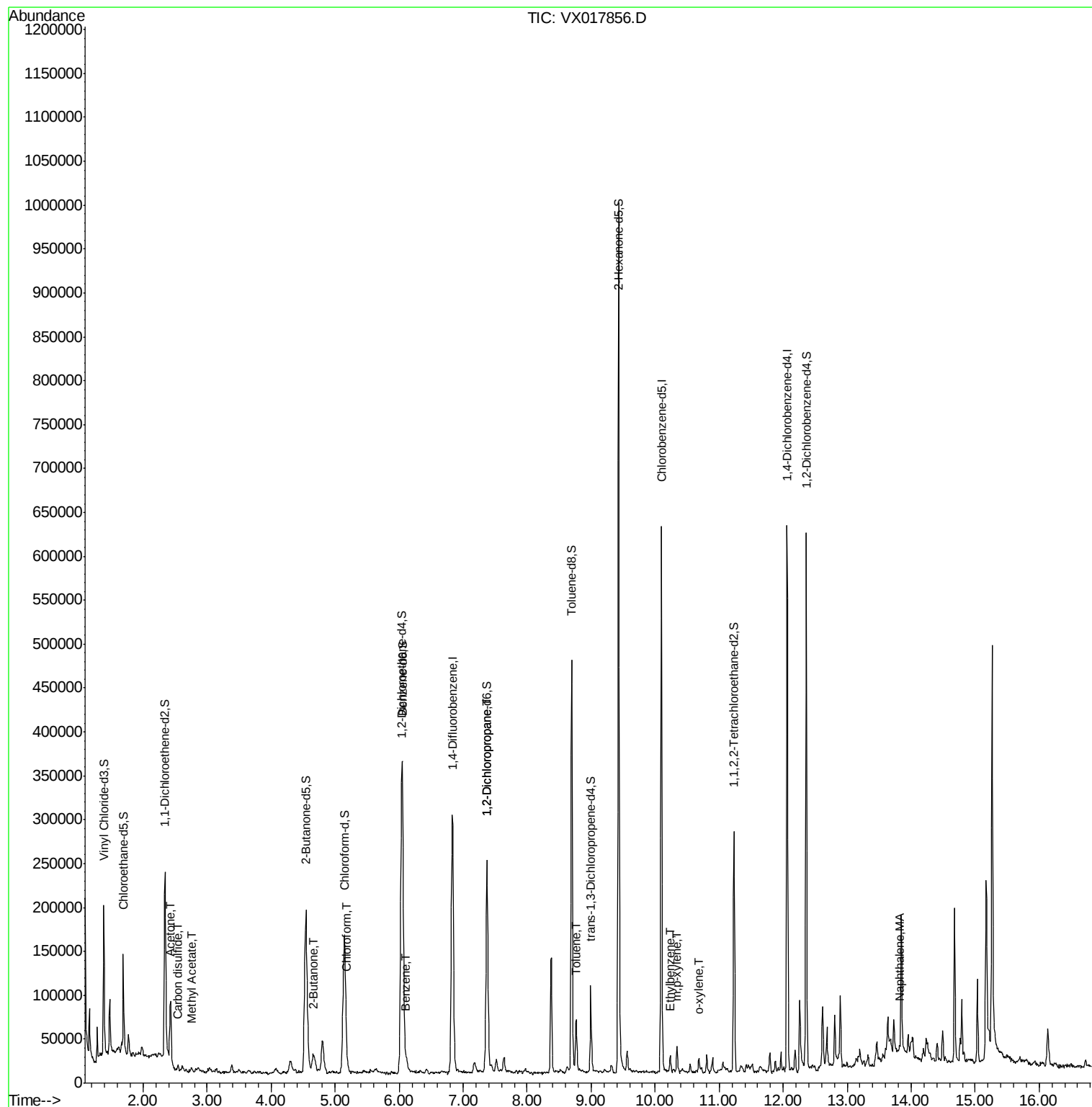
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.43	43	83286	20.905	ug/L	100
14) Carbon disulfide	2.54	76	4893	0.060	ug/L #	88
15) Methyl Acetate	2.75	43	5150	0.438	ug/L	93
21) 2-Butanone	4.65	43	13315	1.935	ug/L	91
25) Chloroform	5.18	83	12717	0.256	ug/L	90
33) Benzene	6.11	78	19034	0.192	ug/L	100
37) 1,2-Dichloropropane	7.37	63	15393	0.619	ug/L #	92
42) Toluene	8.77	91	37155	0.346	ug/L	90
54) Ethylbenzene	10.24	91	9648	0.082	ug/L	97
55) m,p-xylene	10.34	106	7075	0.158	ug/L	94
56) o-xylene	10.68	106	3601	0.083	ug/L #	58
70) Naphthalene	13.82	128	7697	0.133	ug/L #	88

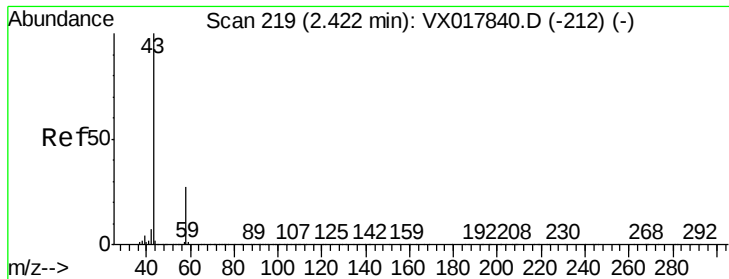
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.905 ug/L

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX017856.D

Acq: 10 Aug 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

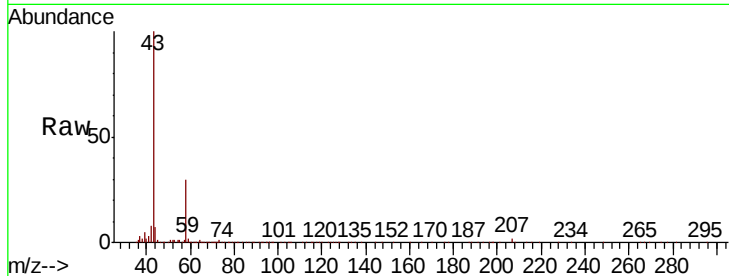
VSTD00570

Tot Ion: 43 Resp: 83286

Ion Ratio Lower Upper

43 100

58 30.5 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

2.43

50000

40000

30000

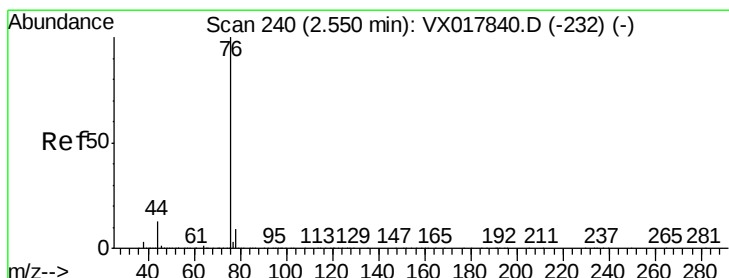
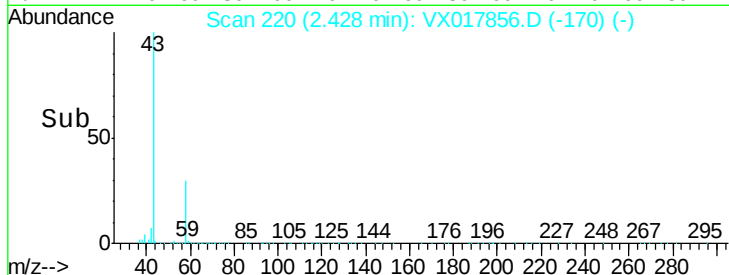
20000

10000

0

Time-->

2.35 2.40 2.45 2.50



#14

Carbon disulfide

Concen: 0.060 ug/L

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017856.D

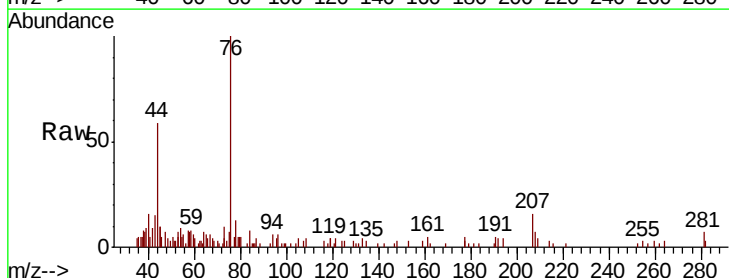
Acq: 10 Aug 2020 17:44

Tgt Ion: 76 Resp: 4893

Ion Ratio Lower Upper

76 100

78 12.9 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

2.54

3000

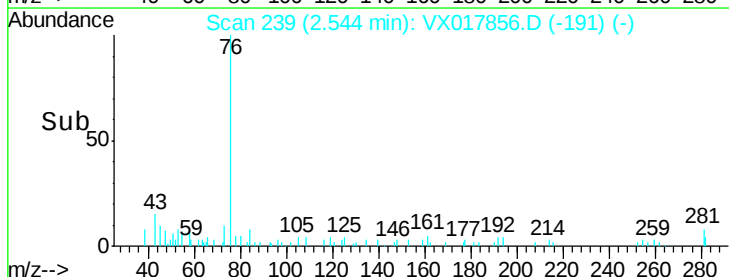
2000

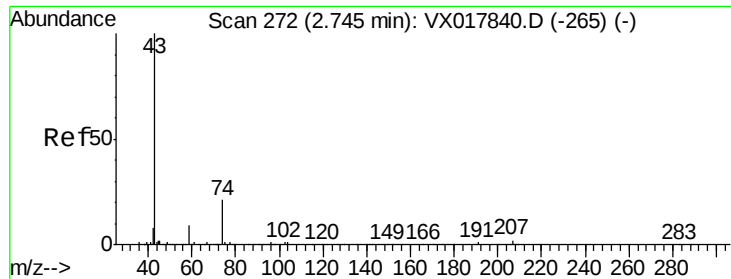
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0

Time-->

2.50 2.55 2.60

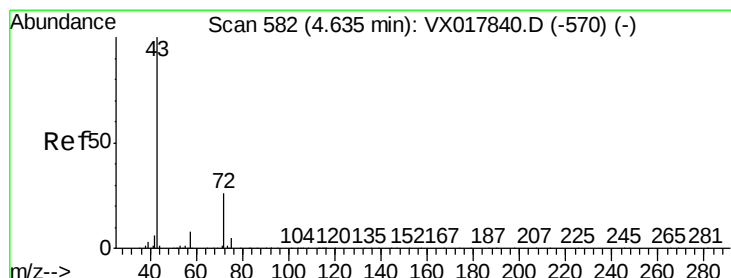
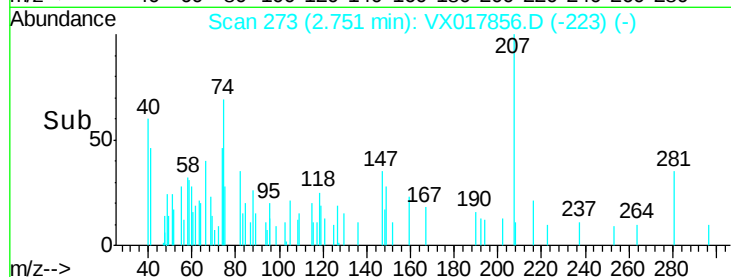
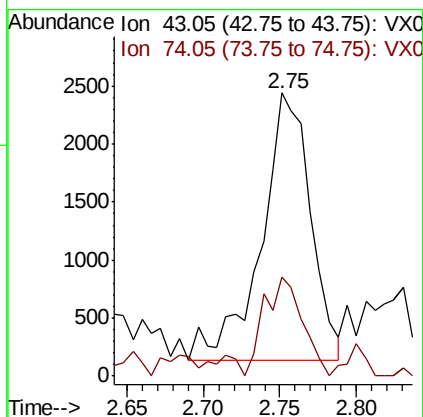
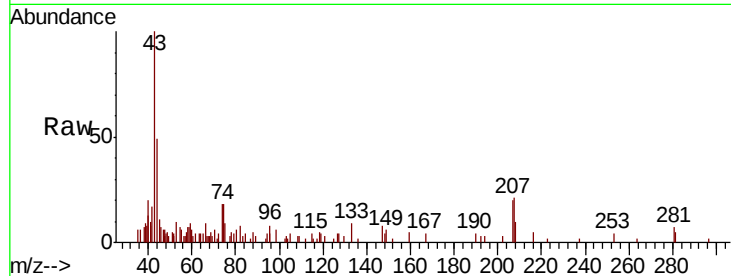




#15
Methvl Acetate
Concen: 0.438 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017856.D
Acq: 10 Aug 2020 17:44

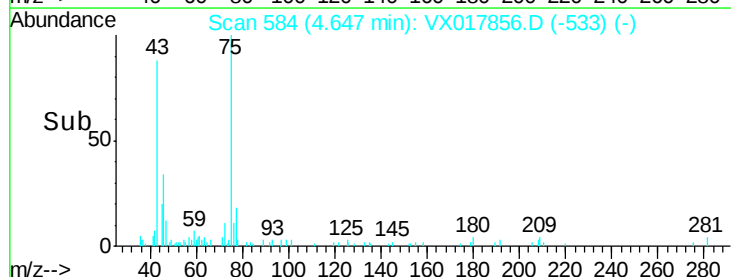
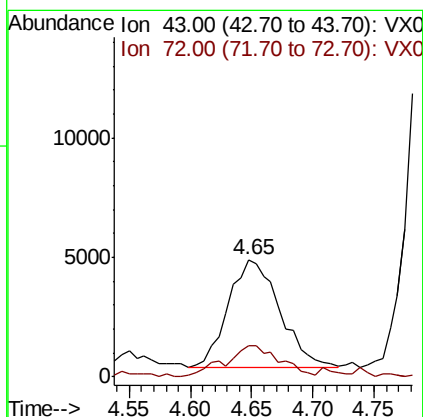
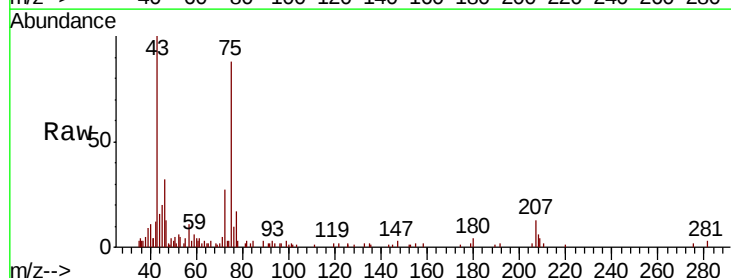
Instrument :
MSVOA_X
ClientSampleId :
VSTD00570

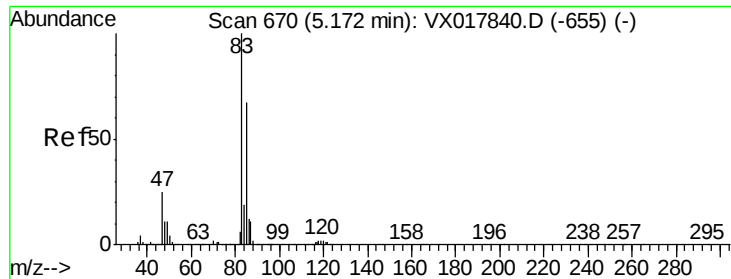
Tot Ion: 43 Resp: 5150
Ion Ratio Lower Upper
43 100
74 29.0 20.4 30.6



#21
2-Butanone
Concen: 1.935 ug/L
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017856.D
Acq: 10 Aug 2020 17:44

Tgt Ion: 43 Resp: 13315
Ion Ratio Lower Upper
43 100
72 31.0 13.2 39.6





#25

Chloroform

Concen: 0.256 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX017856.D

Acq: 10 Aug 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

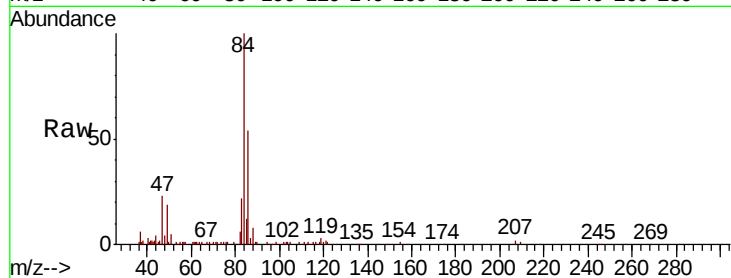
VSTD00570

Tot Ion: 83 Resp: 12717

Ion Ratio Lower Upper

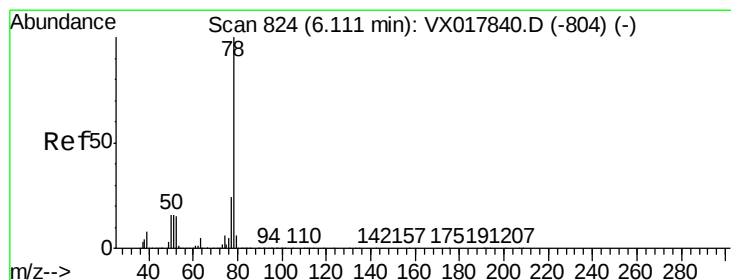
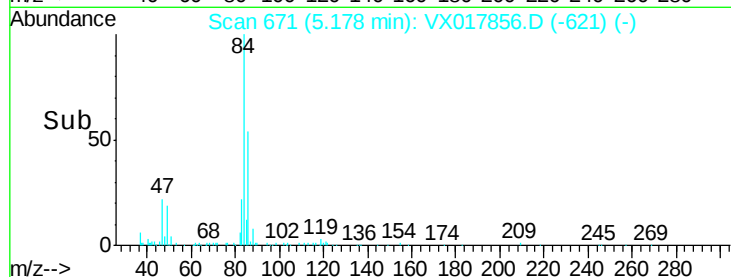
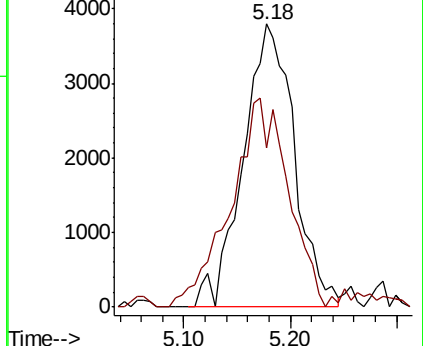
83 100

85 56.1 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: 0.192 ug/L

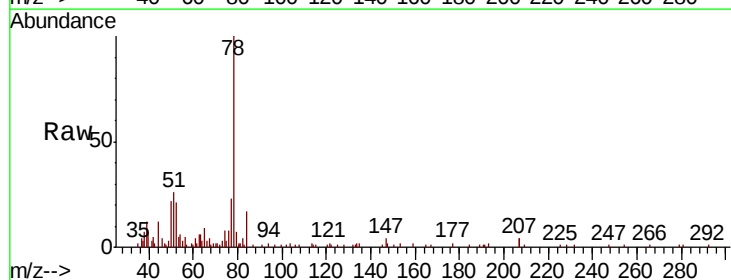
RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

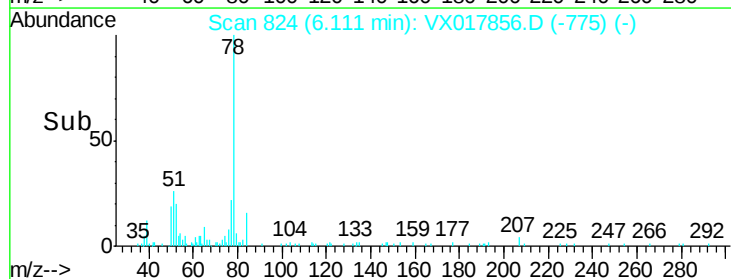
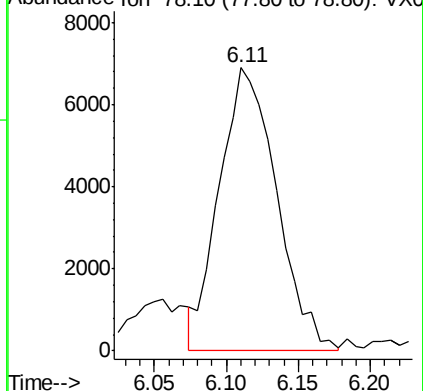
Lab File: VX017856.D

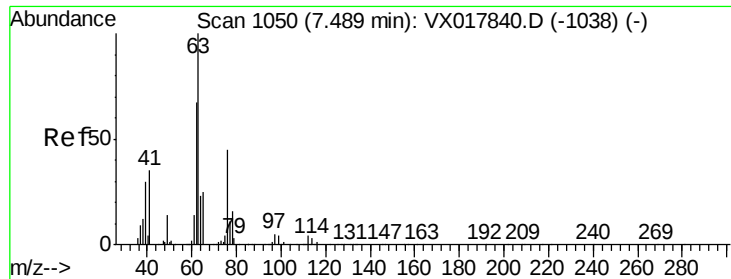
Acq: 10 Aug 2020 17:44

Tgt Ion: 78 Resp: 19034



Abundance Ion 78.10 (77.80 to 78.80): VX0

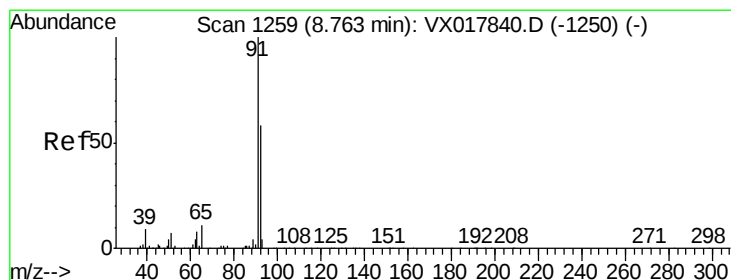
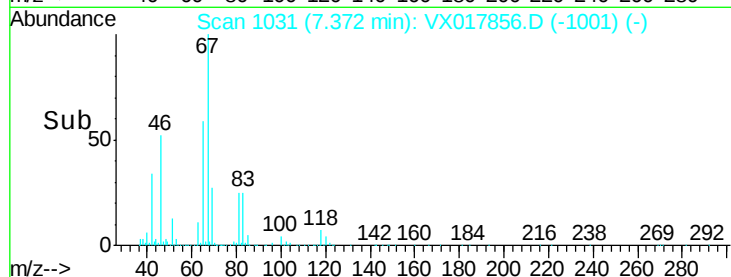
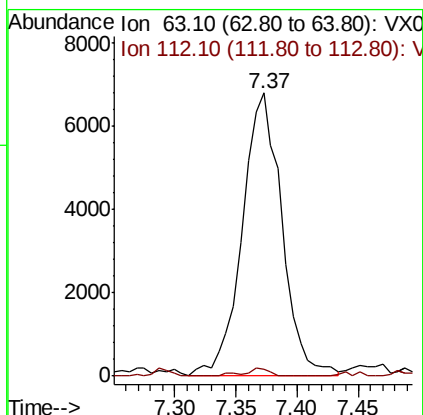
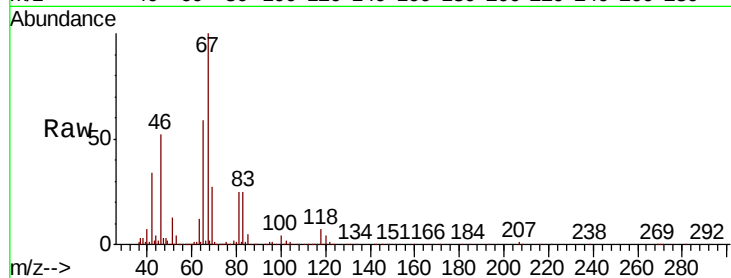




#37
 1,2-Dichloropropane
 Concen: 0.619 ug/L
 RT: 7.37 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VX017856.D
 Acq: 10 Aug 2020 17:44

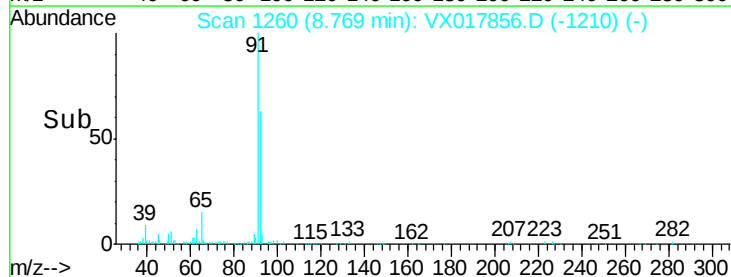
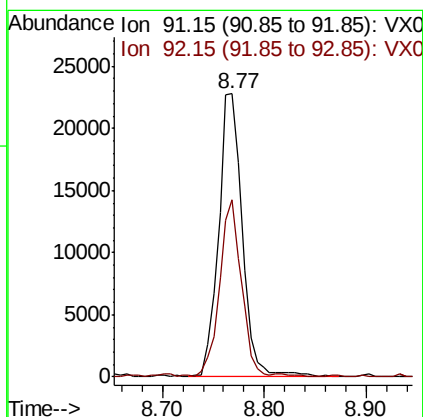
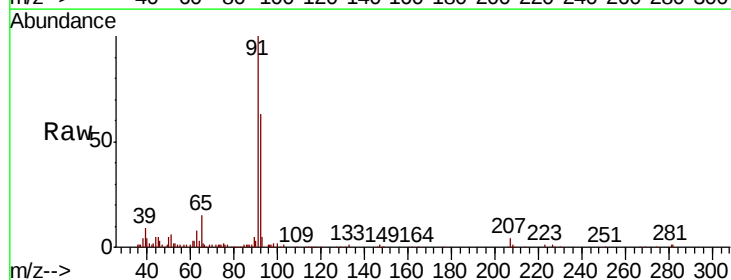
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00570

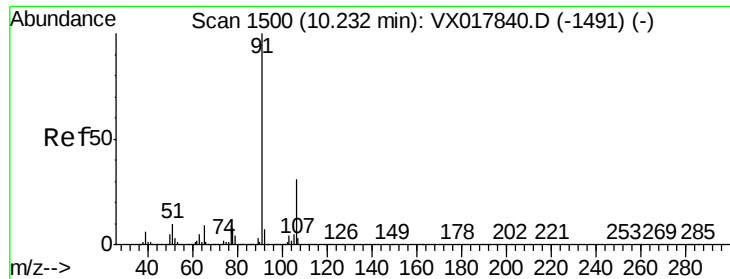
Tot Ion: 63 Resp: 15393
 Ion Ratio Lower Upper
 63 100
 112 1.8 3.6 5.4#



#42
 Toluene
 Concen: 0.346 ug/L
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017856.D
 Acq: 10 Aug 2020 17:44

Tgt Ion: 91 Resp: 37155
 Ion Ratio Lower Upper
 91 100
 92 62.6 38.8 72.0





#54

Ethylbenzene

Concen: 0.082 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017856.D

Acq: 10 Aug 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

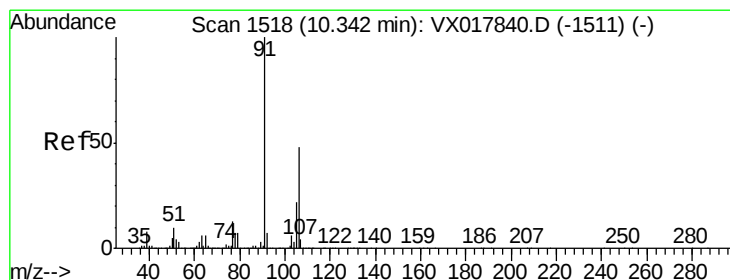
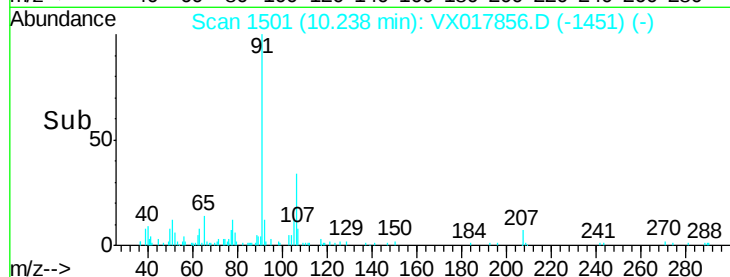
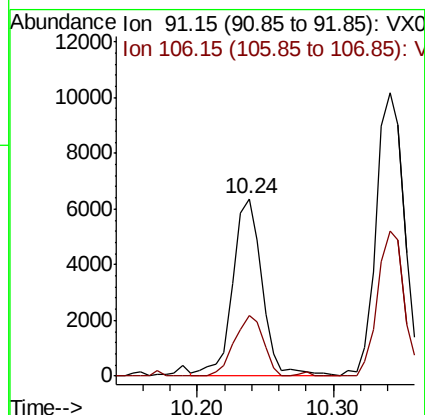
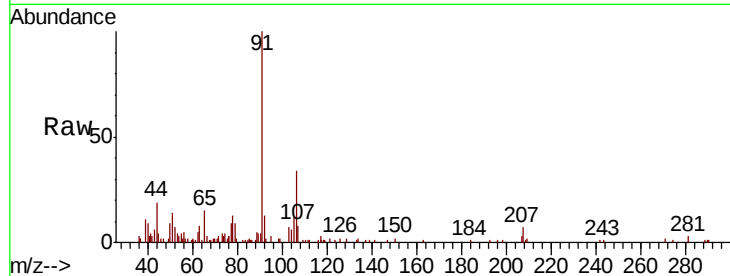
VSTD00570

Tot Ion: 91 Resp: 9648

Ion Ratio Lower Upper

91 100

106 34.0 22.5 41.9



#55

m,p-xylene

Concen: 0.158 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017856.D

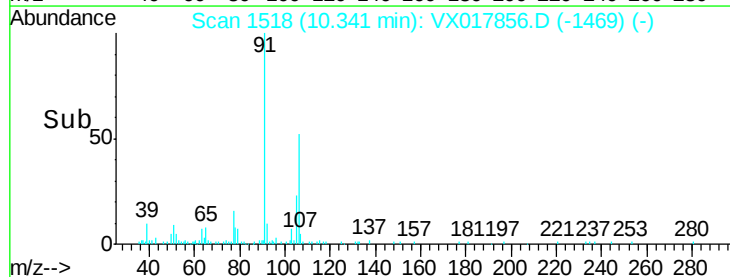
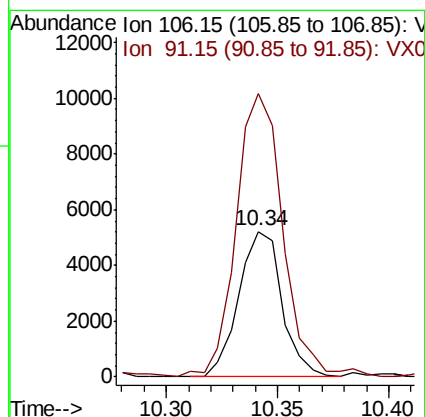
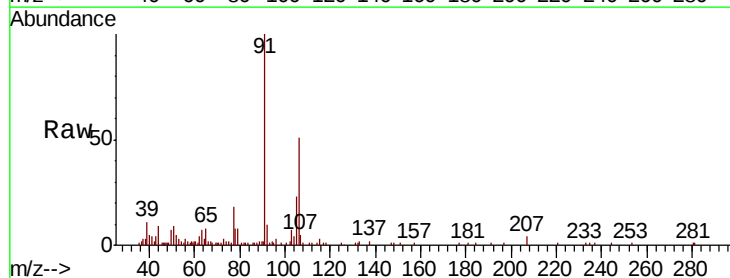
Acq: 10 Aug 2020 17:44

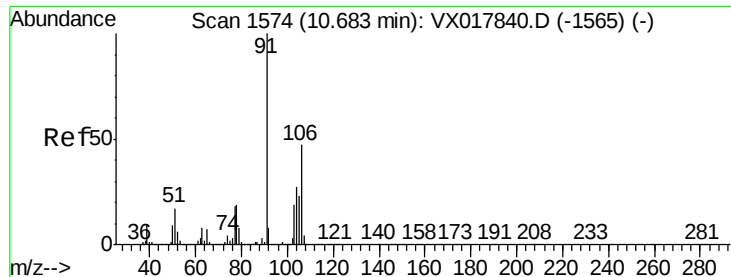
Tgt Ion: 106 Resp: 7075

Ion Ratio Lower Upper

106 100

91 194.9 143.3 266.1

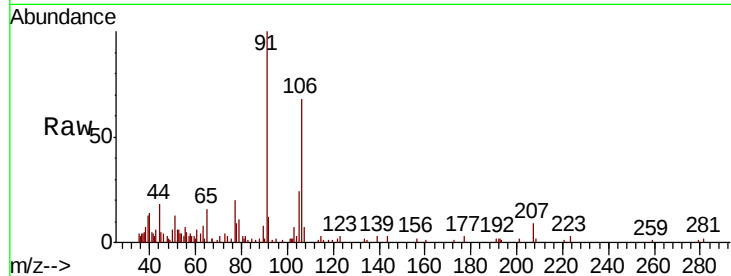




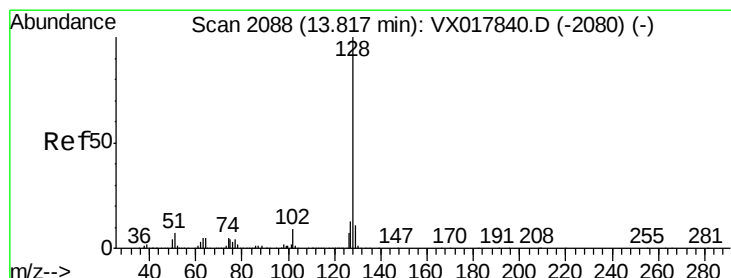
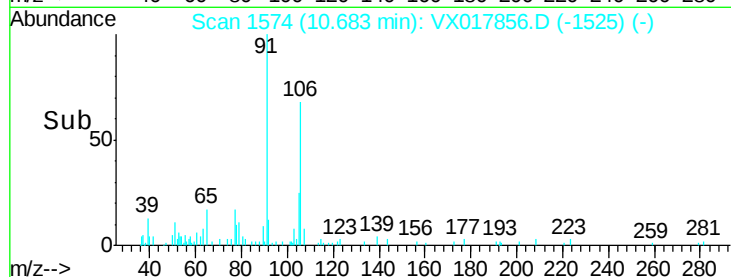
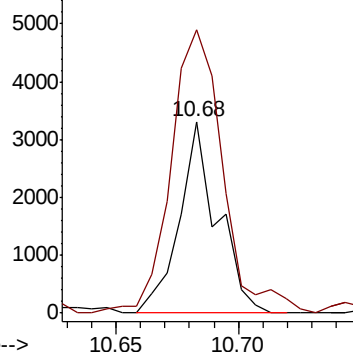
#56
o-xylene
Concen: 0.083 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017856.D
Acq: 10 Aug 2020 17:44

Instrument :
MSVOA_X
ClientSampled :
VSTD00570

Tot Ion:106 Resp: 3601
Ion Ratio Lower Upper
106 100
91 148.0 149.8 278.2#

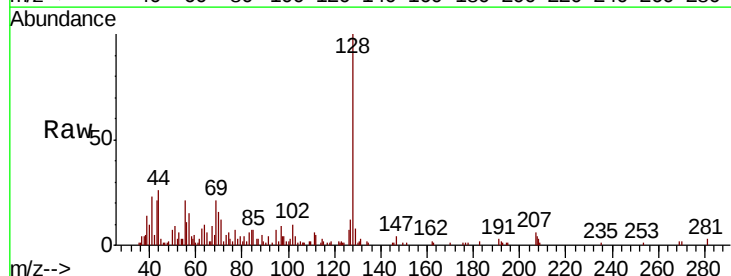


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VX0



#70
Naphthalene
Concen: 0.133 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017856.D
Acq: 10 Aug 2020 17:44

Tgt Ion:128 Resp: 7697
Ion Ratio Lower Upper
128 100
129 16.5 8.4 12.6#
127 17.0 11.0 16.4#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

