

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081220\
 Data File : VX017862.D
 Acq On : 12 Aug 2020 15:25
 Operator : JC/SP
 Sample : L3675-16
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYB7

Quant Time: Aug 13 01:21:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 13 01:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	292445	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	279047	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	127360	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	100281	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.69	69	77074	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.34	63	142806	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.54	46	236677	44.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.20%
24) Chloroform-d	5.14	84	167543	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	6.04	65	102523	4.55	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	6.05	84	346362	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	7.37	67	102852	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	8.70	98	303121	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
45) trans-1,3-Dichloropropene-	8.99	79	43492	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
48) 2-Hexanone-d5	9.43	63	210479	49.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.76%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	74551	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	118863	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Ovalue
13) Acetone	2.42	43	52872	13.484 ug/L	99
14) Carbon disulfide	2.54	76	4542	0.056 ug/L	96
15) Methyl Acetate	2.75	43	1973	0.171 ug/L	99
21) 2-Butanone	4.65	43	14276	2.108 ug/L	88
25) Chloroform	5.18	83	9191	0.188 ug/L	97
30) Cyclohexane	5.55	56	5777	0.145 ug/L	98
33) Benzene	6.12	78	62000	0.628 ug/L	100
35) Methylcyclohexane	7.45	83	7983	0.197 ug/L	95
37) 1,2-Dichloropropane	7.37	63	13184	0.531 ug/L #	88
42) Toluene	8.77	91	51579	0.481 ug/L	94
44) 1,2,4-Trimethylbenzene	11.79	105	8671	0.087 ug/L	95
54) Ethylbenzene	10.24	91	18785	0.161 ug/L	96
55) m,p-xylene	10.34	106	8573	0.192 ug/L	95
56) o-xylene	10.68	106	3155	0.073 ug/L	73
70) Naphthalene	13.82	128	7687	0.129 ug/L #	86

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Quant Time: Aug 13 01:21:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 13 01:19:50 2020
Response via : Initial Calibration

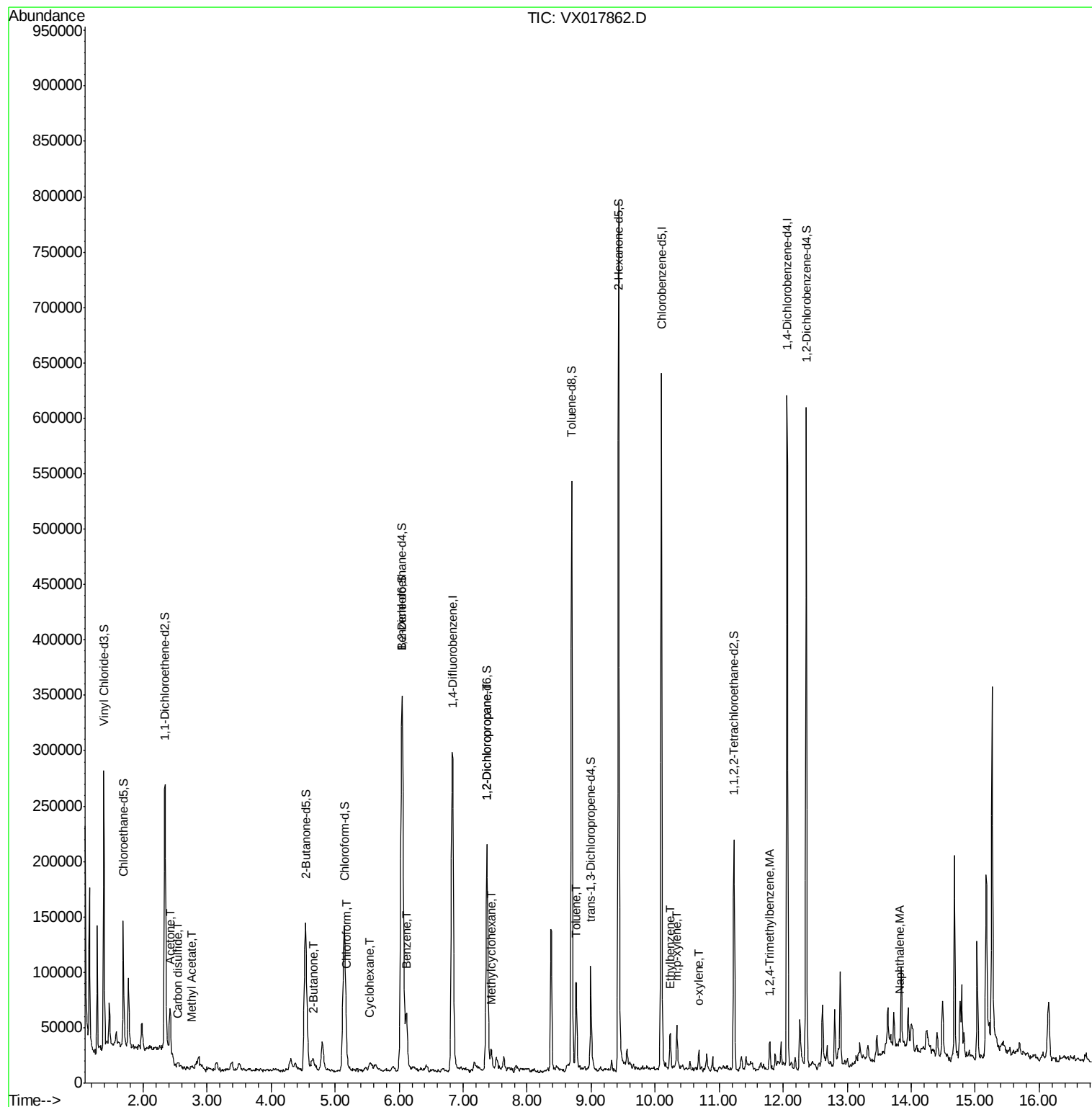
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

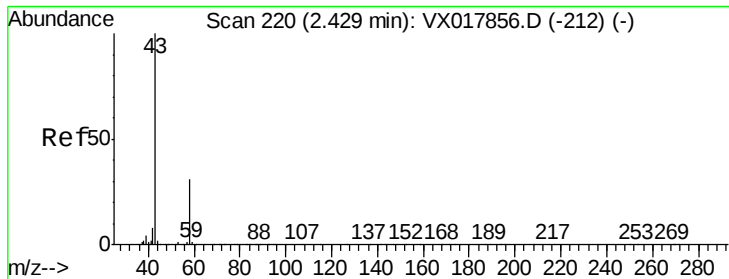
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#13

Acetone

Concen: 13.484 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX017862.D

Acq: 12 Aug 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

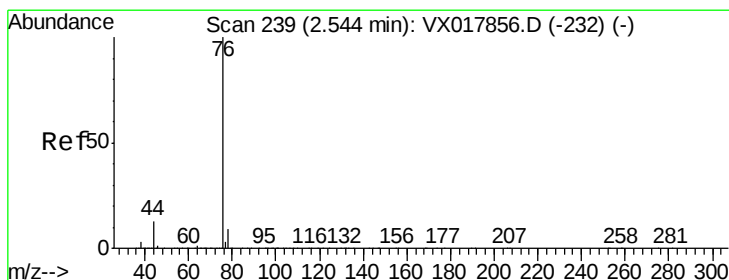
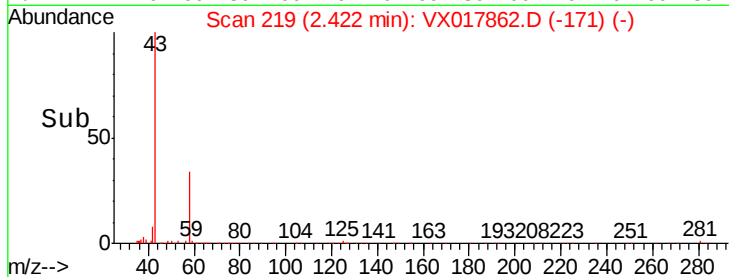
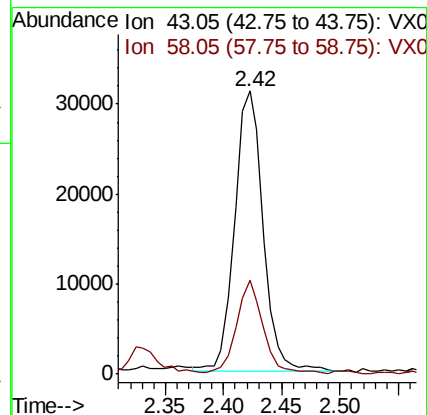
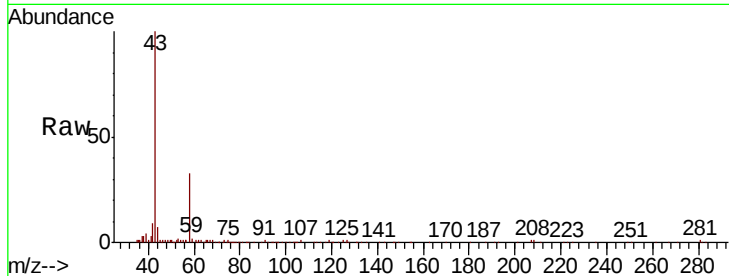
GAYB7

Tot Ion: 43 Resp: 52872

Ion Ratio Lower Upper

43 100

58 31.0 0.0 60.8



#14

Carbon disulfide

Concen: 0.056 ug/L

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX017862.D

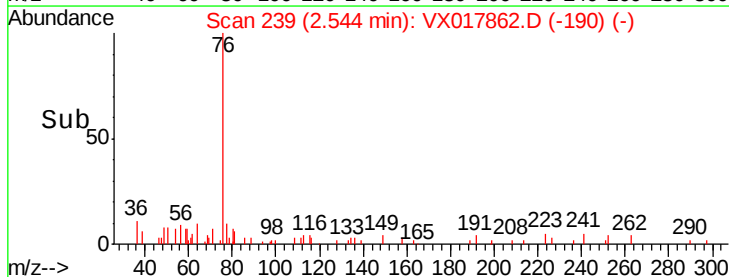
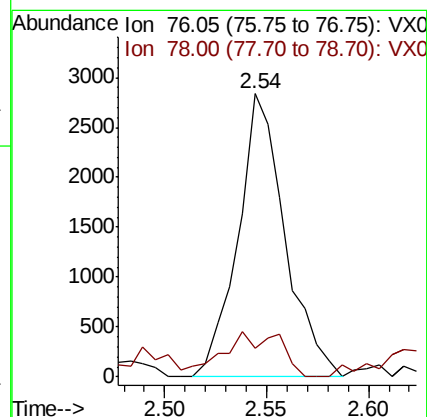
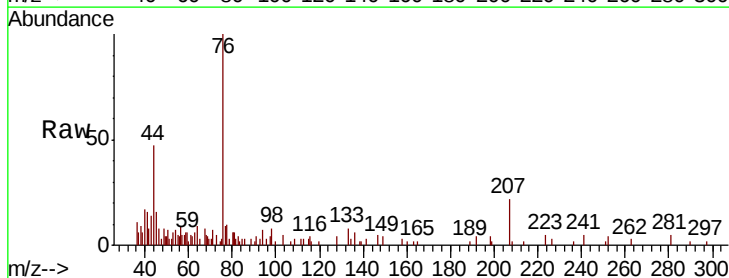
Acq: 12 Aug 2020 15:25

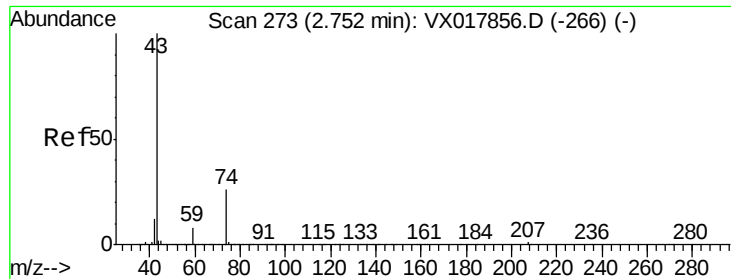
Tgt Ion: 76 Resp: 4542

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.4

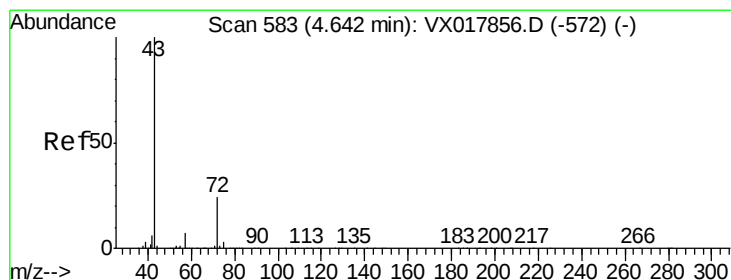
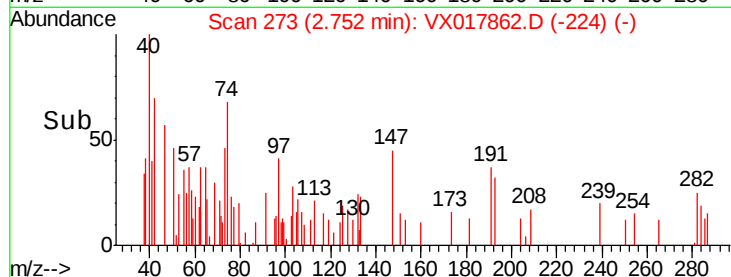
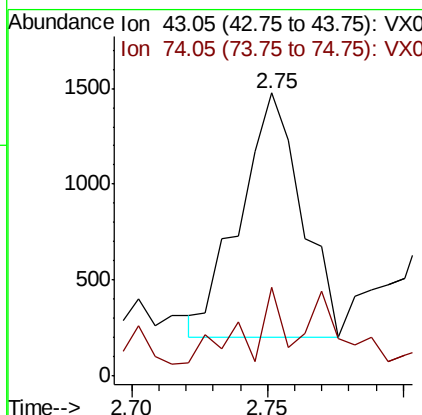
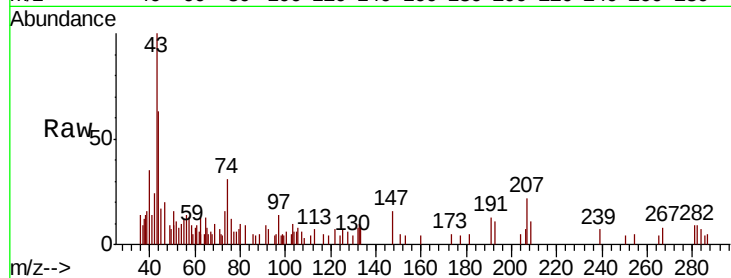




#15
Methyl Acetate
Concen: 0.171 ug/L
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

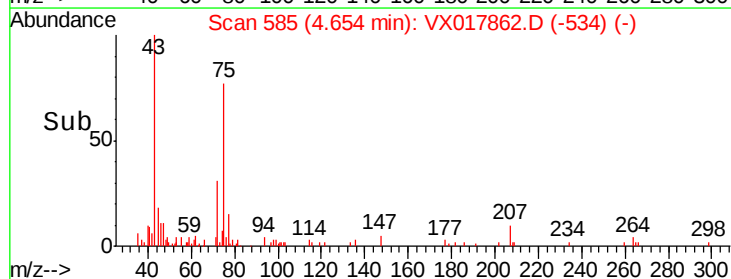
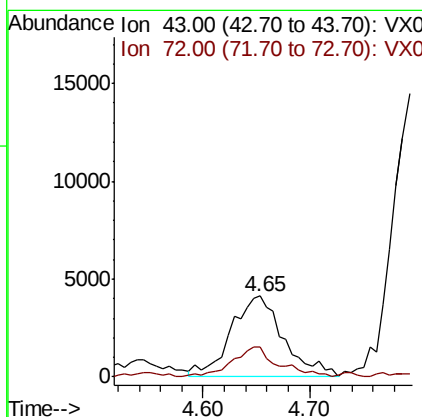
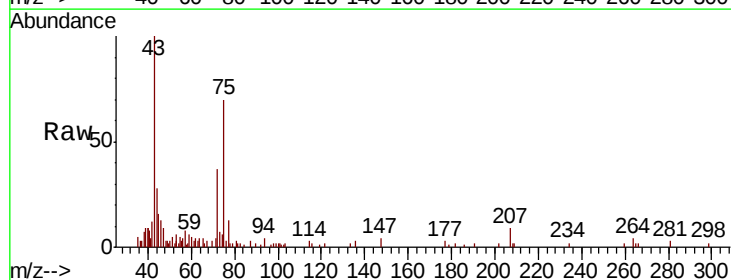
Instrument :
MSVOA_X
ClientSampled :
GAYB7

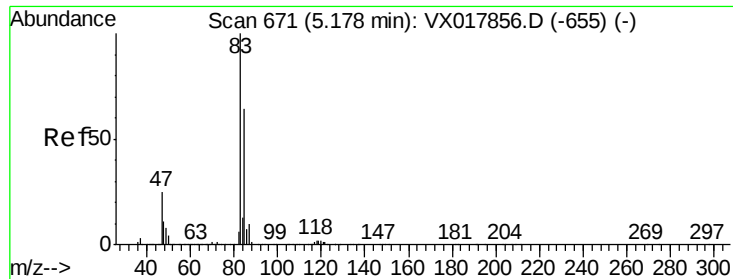
Tot Ion: 43 Resp: 1973
Ion Ratio Lower Upper
43 100
74 26.0 20.4 30.6



#21
2-Butanone
Concen: 2.108 ug/L
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Tgt Ion: 43 Resp: 14276
Ion Ratio Lower Upper
43 100
72 32.4 13.2 39.6

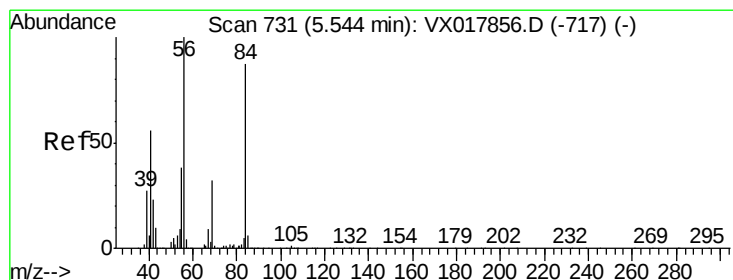
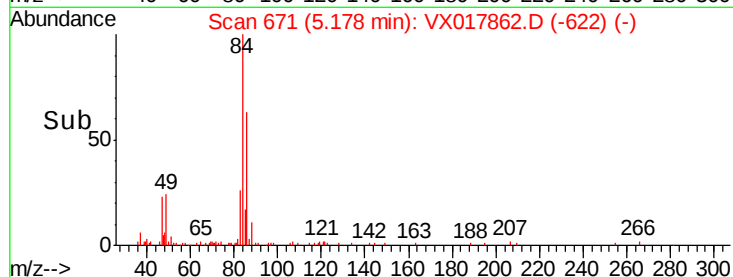
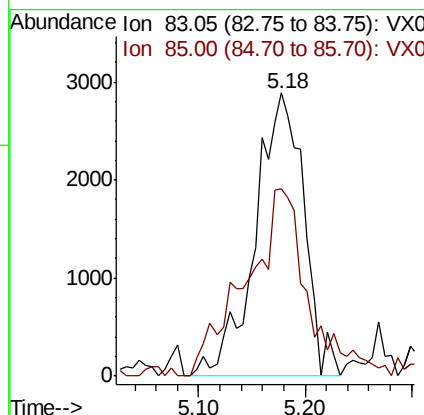
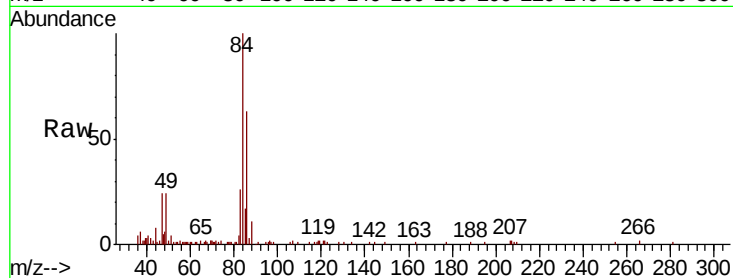




#25
Chloroform
Concen: 0.188 ug/L
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

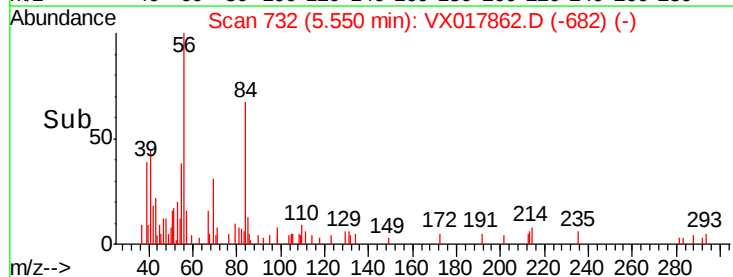
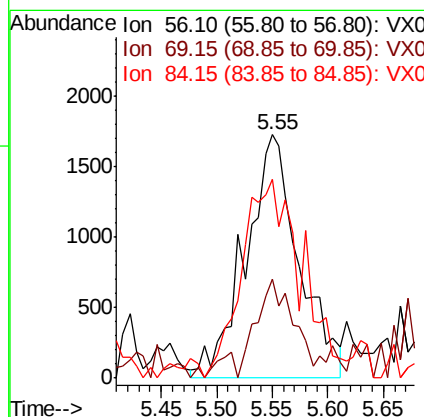
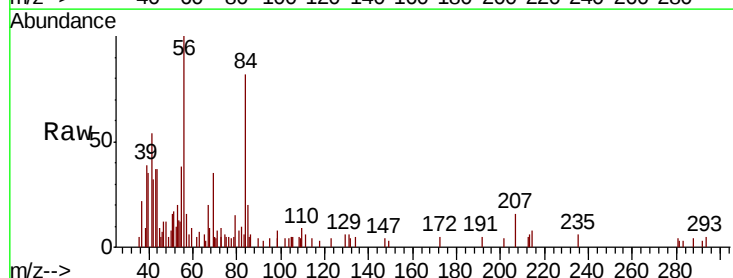
Instrument :
MSVOA_X
ClientSampleId :
GAYB7

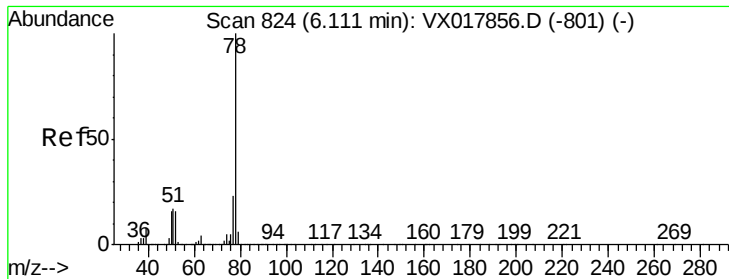
Tot Ion: 83 Resp: 9191
Ion Ratio Lower Upper
83 100
85 66.0 44.7 83.1



#30
Cyclohexane
Concen: 0.145 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Tgt Ion: 56 Resp: 5777
Ion Ratio Lower Upper
56 100
69 30.1 25.1 37.7
84 90.7 70.7 106.1





#33

Benzene

Concen: 0.628 ug/L

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017862.D

Acq: 12 Aug 2020 15:25

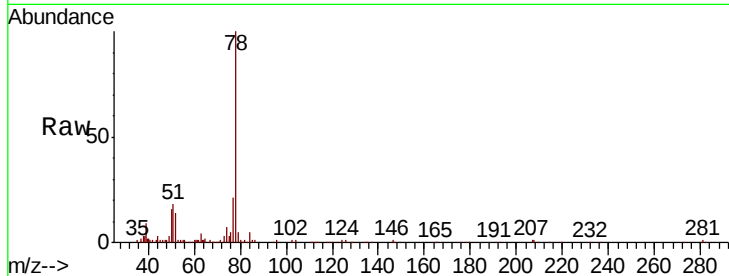
Instrument :

MSVOA_X

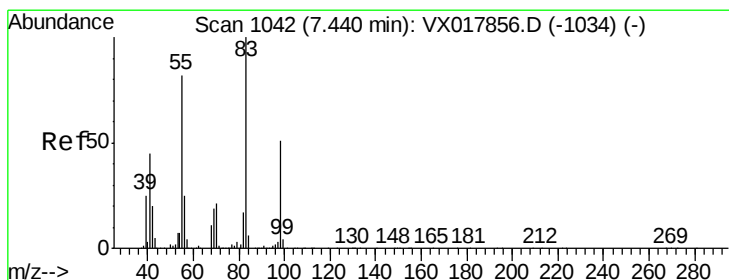
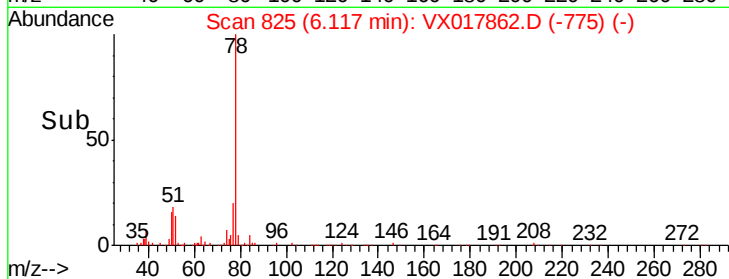
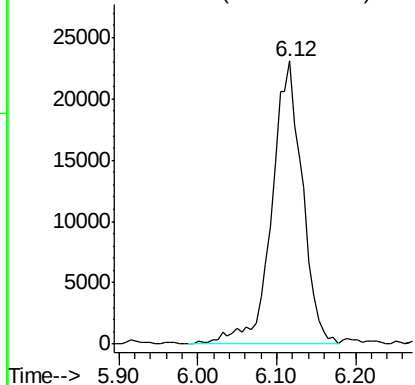
ClientSampleId :

GAYB7

Tgt Ion: 78 Resp: 62000



Abundance Ion 78.10 (77.80 to 78.80): VX0



#35

Methylcyclohexane

Concen: 0.197 ug/L

RT: 7.45 min Scan# 1043

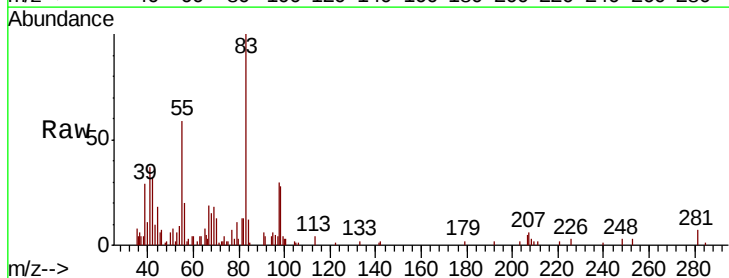
Delta R.T. 0.01 min

Lab File: VX017862.D

Acq: 12 Aug 2020 15:25

Tgt Ion: 83 Resp: 7983

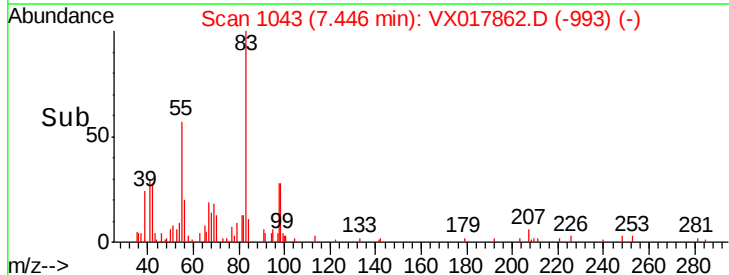
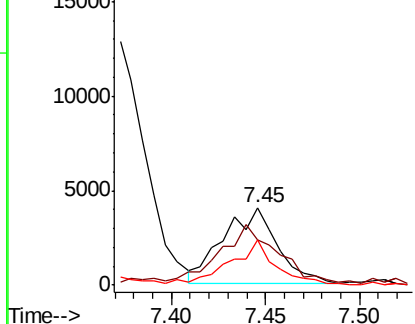
Ion	Ratio	Lower	Upper
83	100		
55	82.2	62.4	93.6
98	51.2	38.0	57.0

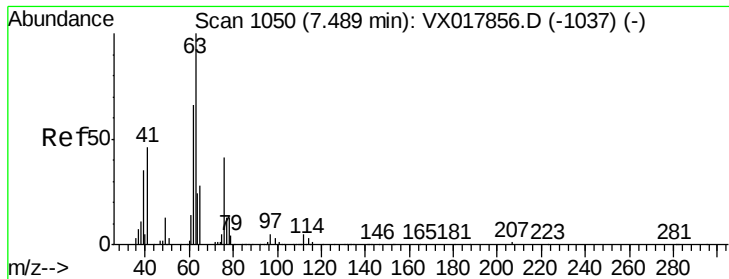


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

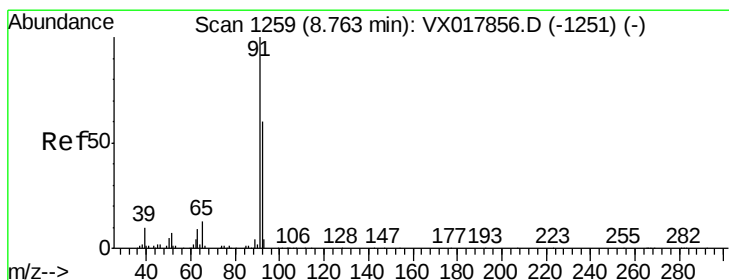
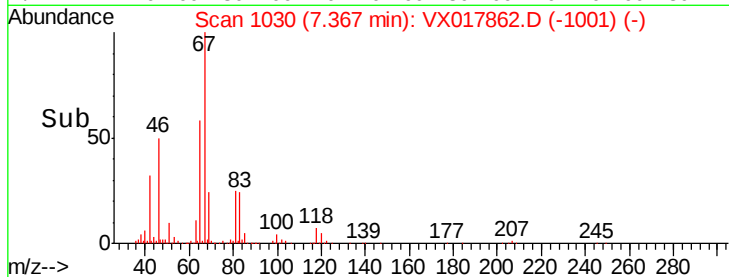
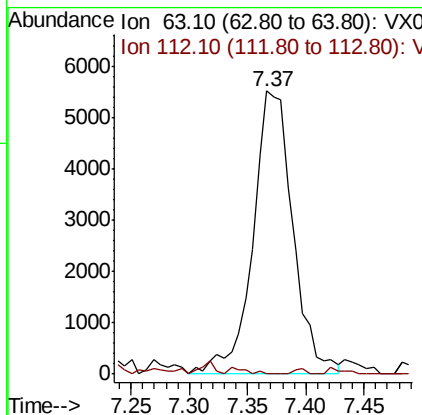
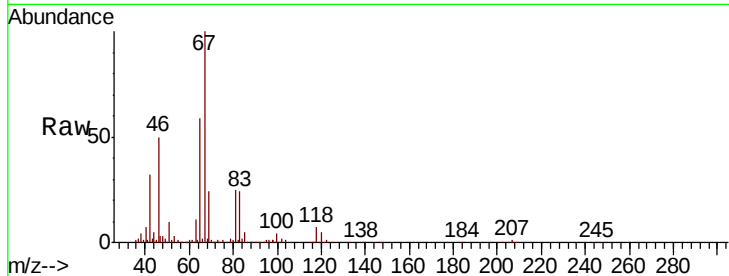




#37
 1,2-Dichloropropane
 Concen: 0.531 ug/L
 RT: 7.37 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VX017862.D
 Acq: 12 Aug 2020 15:25

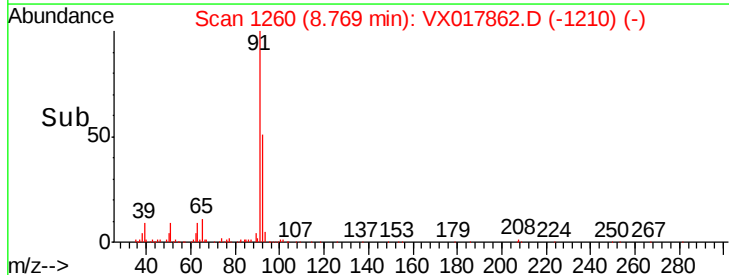
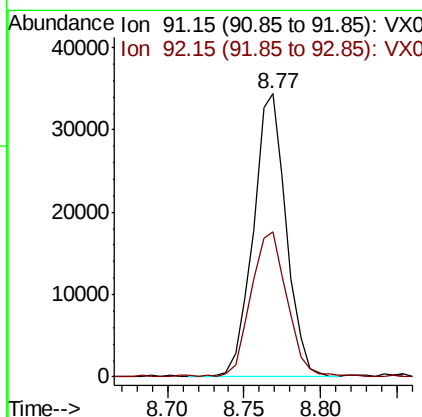
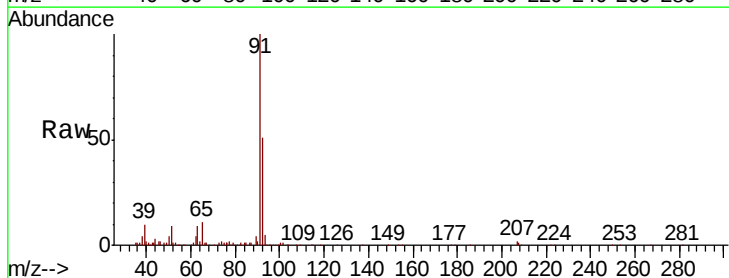
Instrument :
 MSVOA_X
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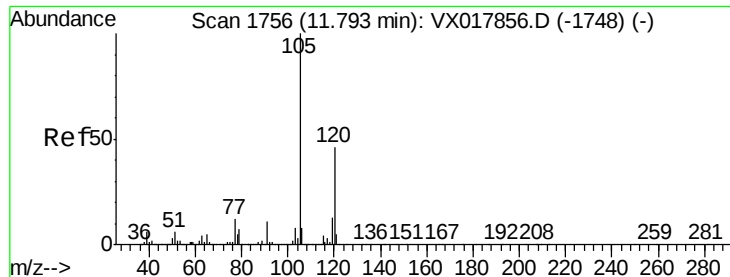
Tot Ion: 63 Resp: 13184
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.6 5.4#



#42
 Toluene
 Concen: 0.481 ug/L
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017862.D
 Acq: 12 Aug 2020 15:25

Tgt Ion: 91 Resp: 51579
 Ion Ratio Lower Upper
 91 100
 92 51.2 38.8 72.0

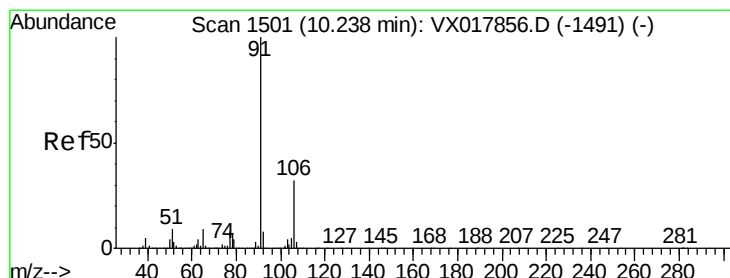
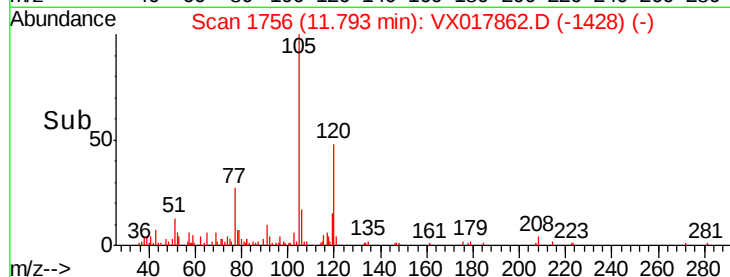
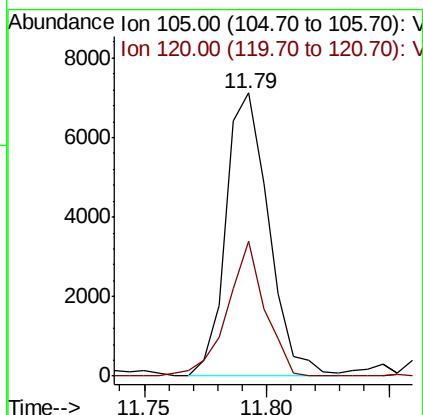
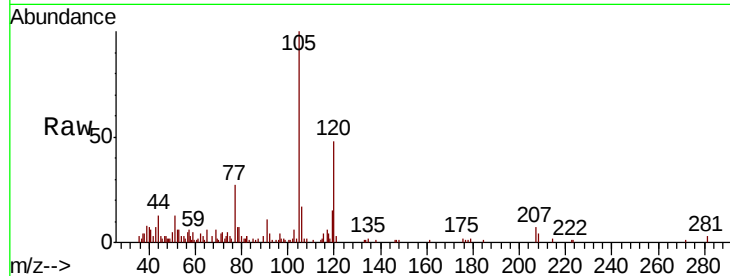




#44
1,2,4-Trimethylbenzene
Concen: 0.087 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

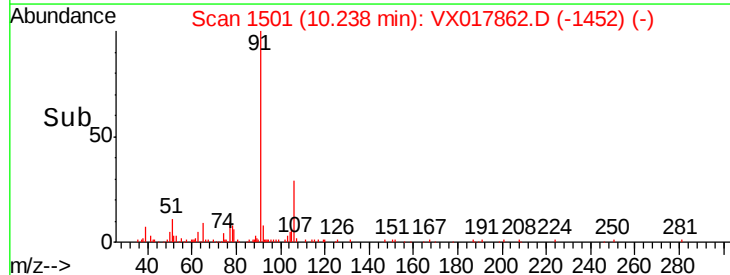
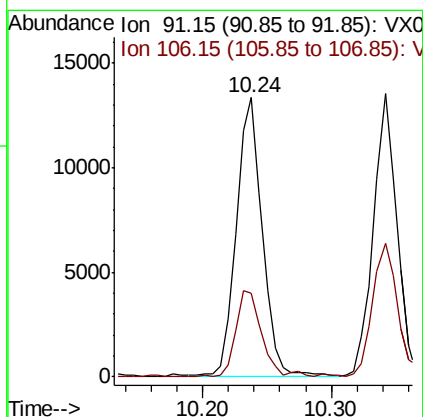
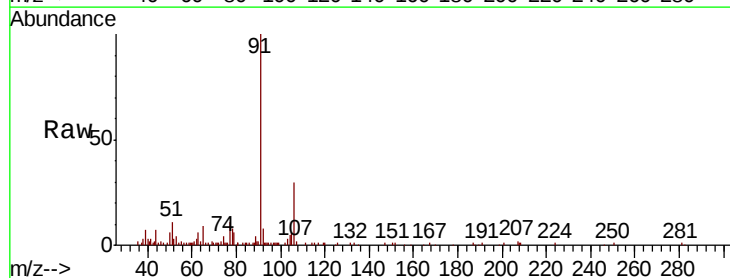
Instrument :
MSVOA_X
ClientSampleId :
GAYB7

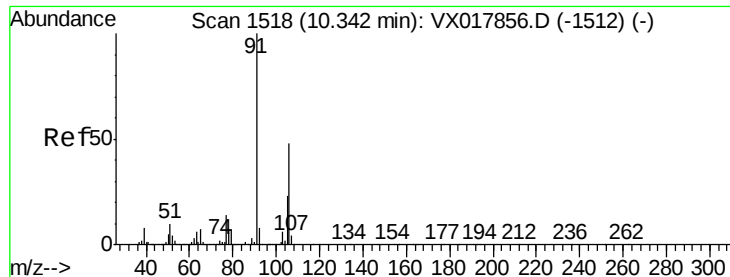
Tot Ion:105 Resp: 8671
Ion Ratio Lower Upper
105 100
120 41.8 35.8 53.8



#54
Ethylbenzene
Concen: 0.161 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Tgt Ion: 91 Resp: 18785
Ion Ratio Lower Upper
91 100
106 29.9 22.5 41.9





#55

m,p-xylene

Concen: 0.192 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017862.D

Acq: 12 Aug 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

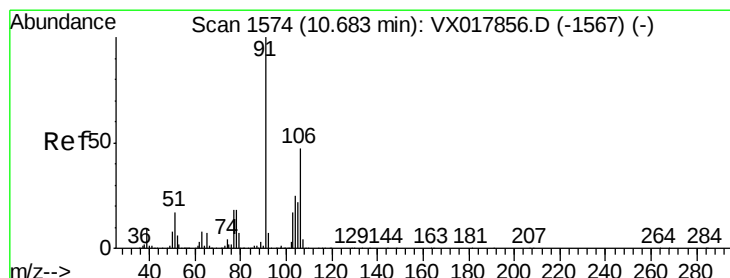
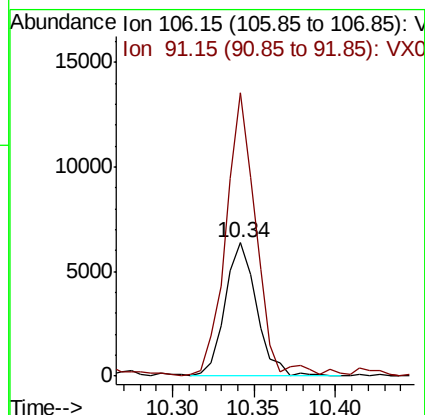
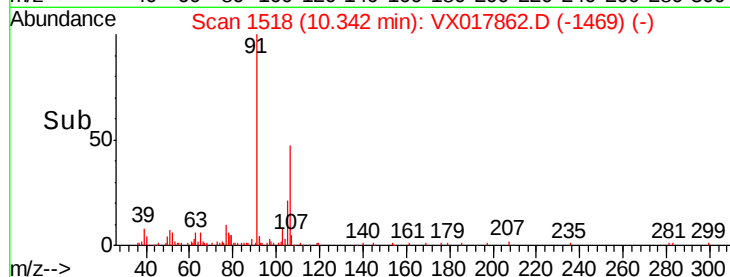
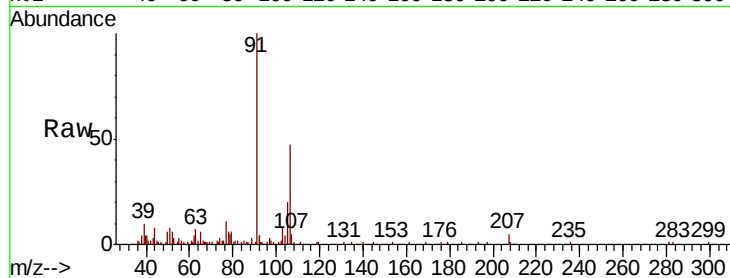
GAYB7

Tot Ion:106 Resp: 8573

Ion Ratio Lower Upper

106 100

91 212.6 143.3 266.1



#56

o-xylene

Concen: 0.073 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017862.D

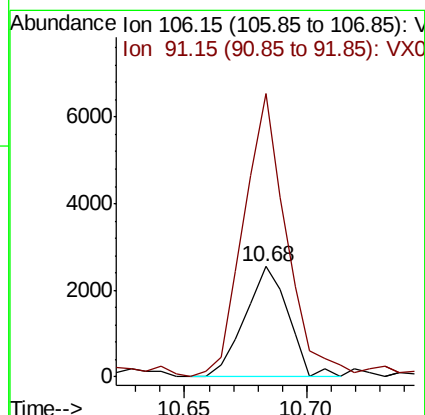
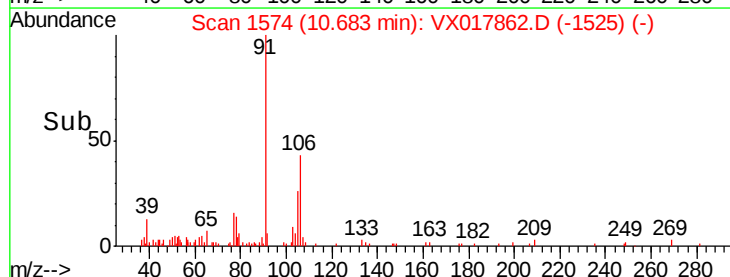
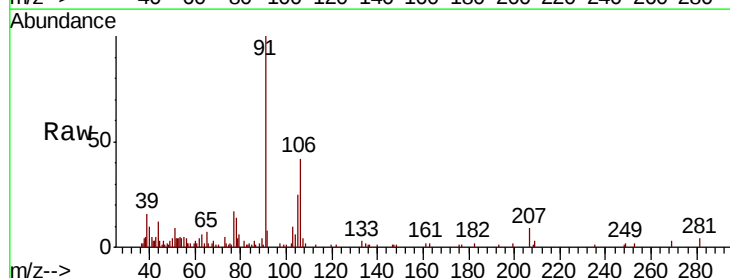
Acq: 12 Aug 2020 15:25

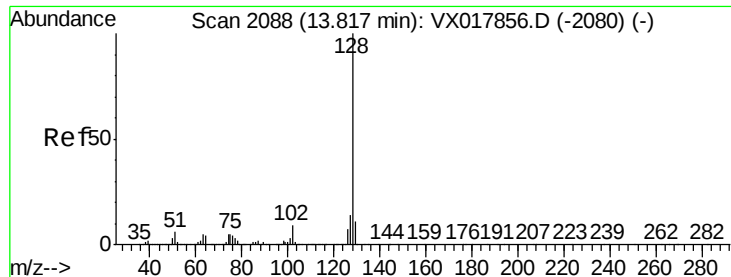
Tgt Ion:106 Resp: 3155

Ion Ratio Lower Upper

106 100

91 256.9 149.8 278.2





#70

Naphthalene

Concen: 0.129 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017862.D

Acq: 12 Aug 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

GAYB7

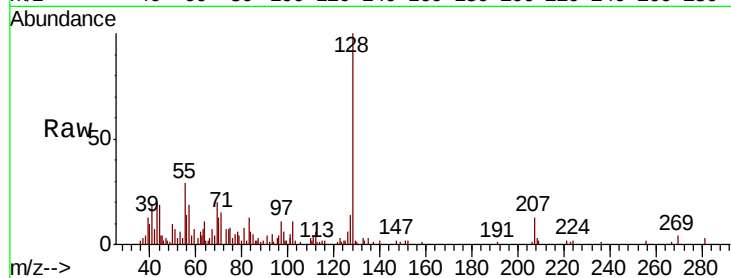
Tot Ion:128 Resp: 7687

Ion Ratio Lower Upper

128 100

129 6.5 8.4 12.6#

127 20.1 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

