

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
 Data File : VX018688.D
 Acq On : 30 Sep 2020 10:15
 Operator : JC/SP
 Sample : L4143-18DL 5X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 01 01:07:49 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	250254	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	234837	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	106482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45966	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.70	69	43130	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.34	63	94342	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.57	46	168526	50.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.94%
24) Chloroform-d	5.14	84	126522	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	6.03	65	75267	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	6.04	84	229000	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	7.37	67	73338	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	8.70	98	196500	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
45) trans-1,3-Dichloropropene-	8.99	79	30131	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
48) 2-Hexanone-d5	9.43	63	126333	48.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.04%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	56956	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	76655	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

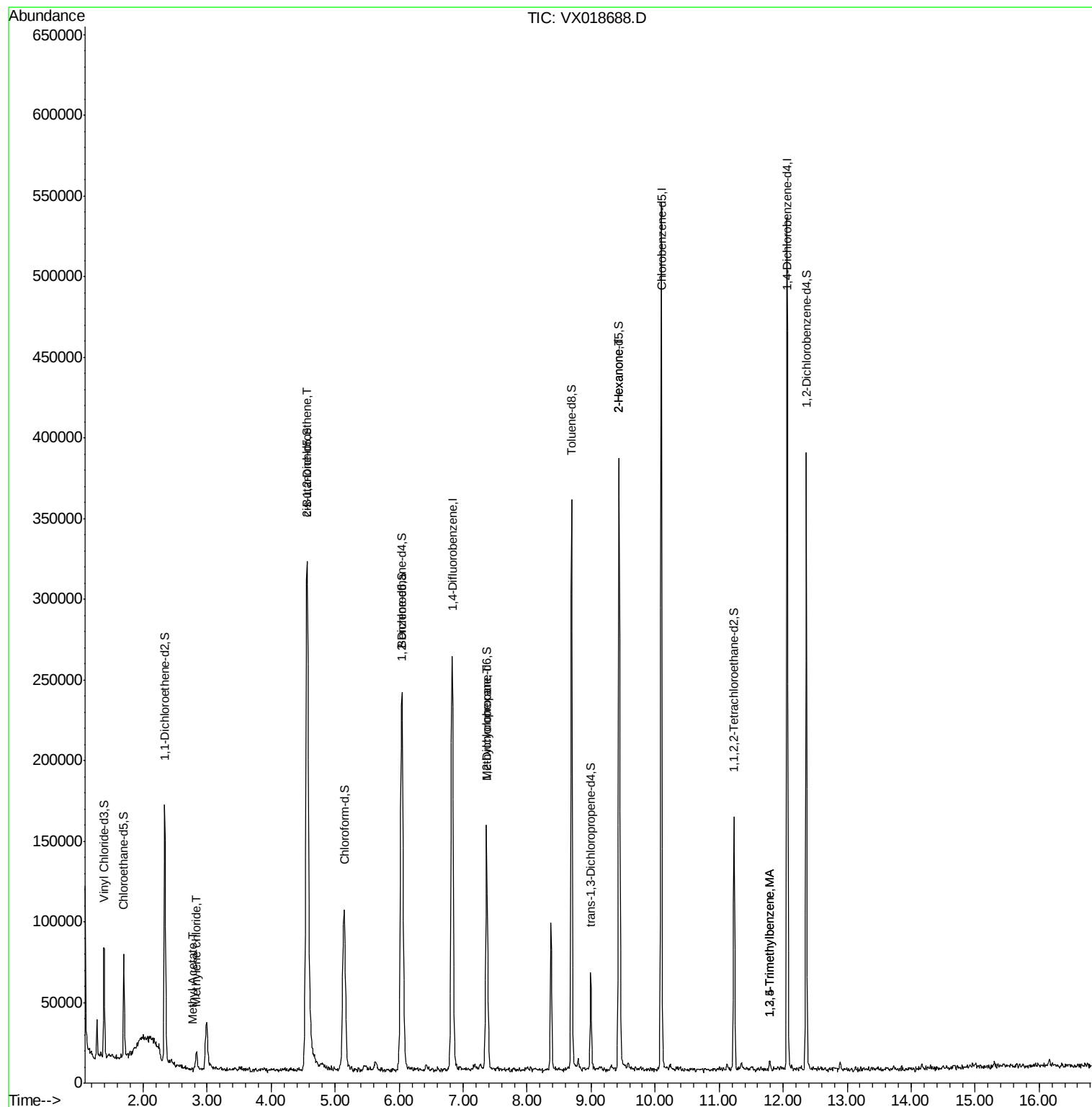
					Ovalue
15) Methyl Acetate	2.78	43	835	0.163 ug/L #	78
16) Methylene chloride	2.83	84	4874	0.292 ug/L	80
22) cis-1,2-Dichloroethene	4.56	96	162692	12.768 ug/L #	100
35) Methylcyclohexane	7.37	83	19693	1.081 ug/L #	17
43) 1,3,5-Trimethylbenzene	11.79	105	2354	0.055 ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	2354	0.055 ug/L	97
50) 2-Hexanone	9.43	43	18137	3.827 ug/L #	67

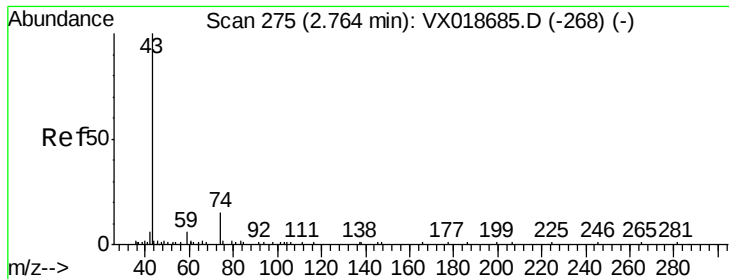
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 0.163 ug/L

RT: 2.78 min Scan# 277

Delta R.T. 0.01 min

Lab File: VX018688.D

Acq: 30 Sep 2020 10:15

Instrument :

MSVOA_X

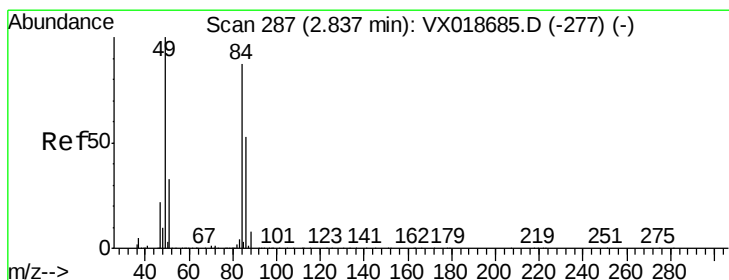
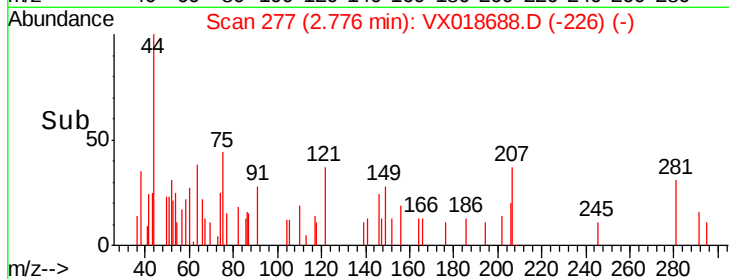
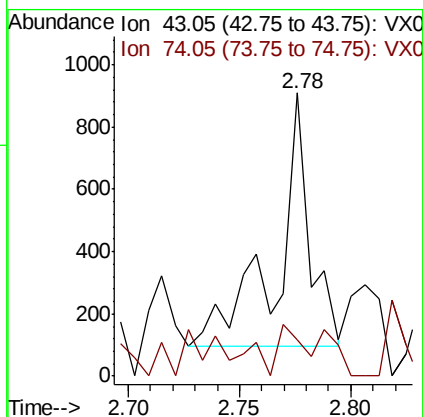
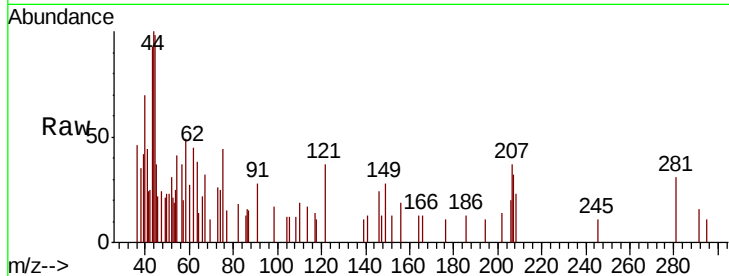
ClientSampled :

Tot Ion: 43 Resp: 835

Ion Ratio Lower Upper

43 100

74 15.2 21.2 31.8#



#16

Methylene chloride

Concen: 0.292 ug/L

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX018688.D

Acq: 30 Sep 2020 10:15

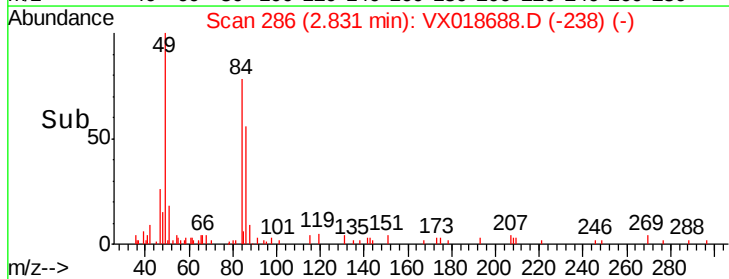
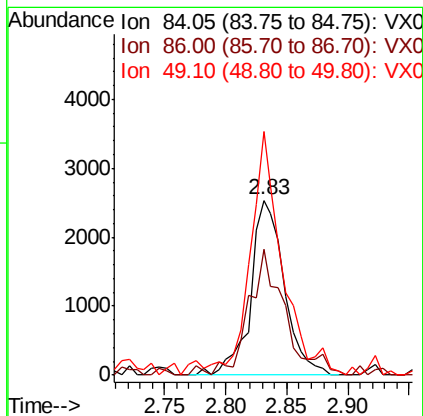
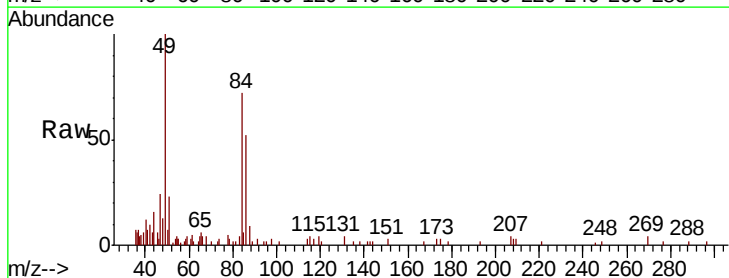
Tgt Ion: 84 Resp: 4874

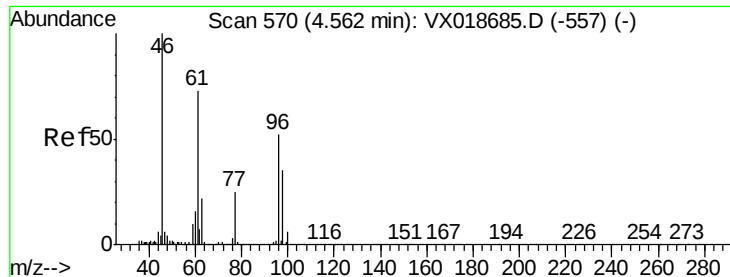
Ion Ratio Lower Upper

84 100

86 71.6 41.9 77.7

49 139.1 80.8 150.2



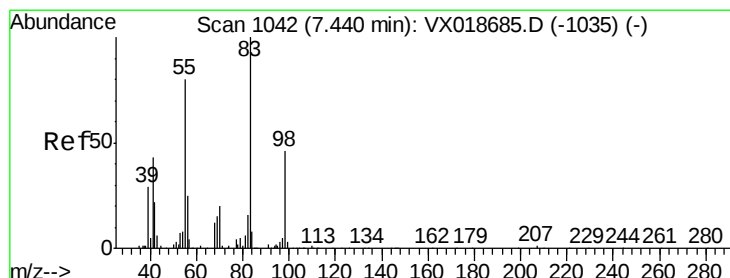
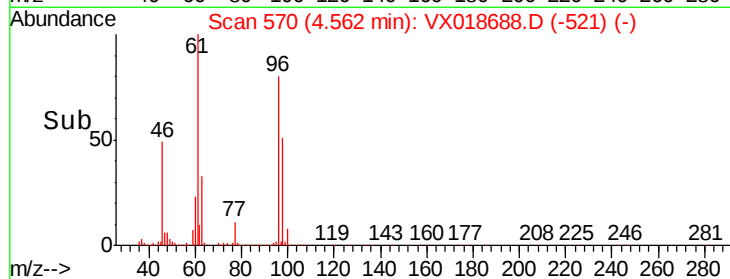
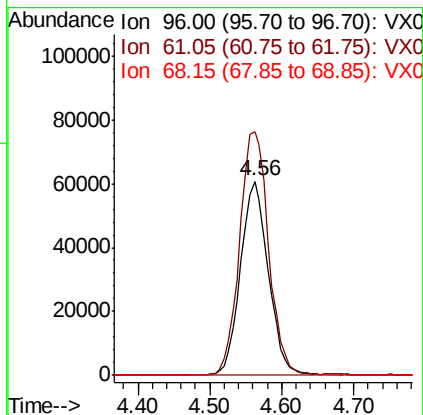
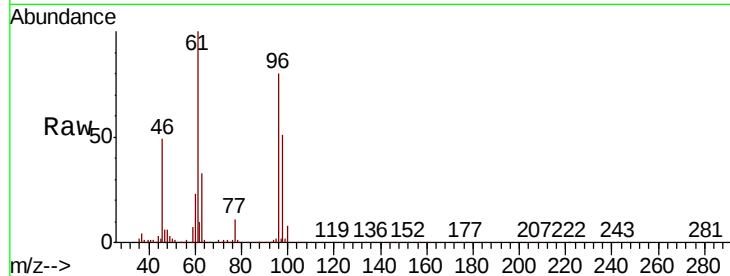


#22

cis-1,2-Dichloroethene
 Concen: 12.768 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX018688.D
 Acq: 30 Sep 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :

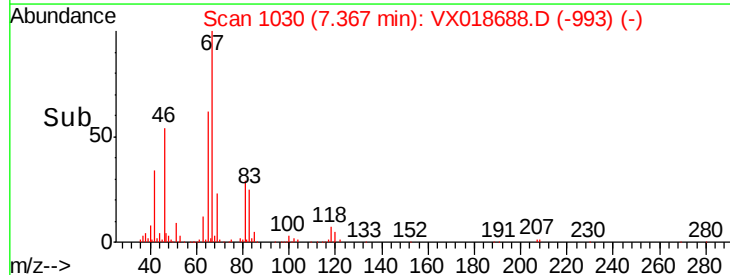
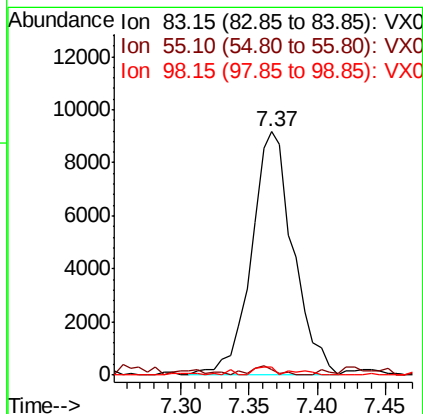
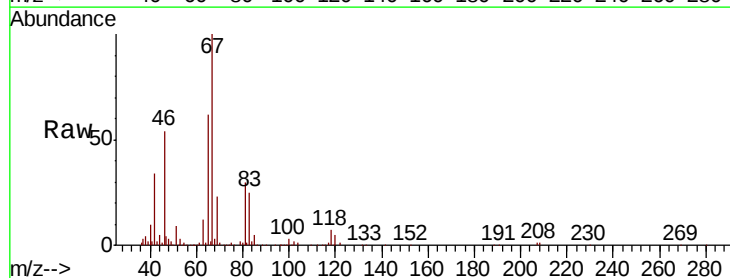
Tot Ion: 96 Resp: 162692
 Ion Ratio Lower Upper
 96 100
 61 125.5 87.7 162.9
 68 0.0 0.3 0.7#

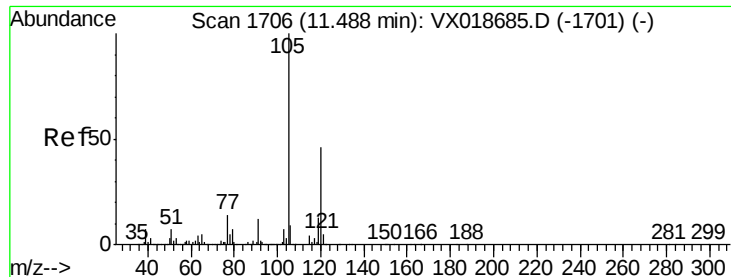


#35

Methylcyclohexane
 Concen: 1.081 ug/L
 RT: 7.37 min Scan# 1030
 Delta R.T. -0.07 min
 Lab File: VX018688.D
 Acq: 30 Sep 2020 10:15

Tgt Ion: 83 Resp: 19693
 Ion Ratio Lower Upper
 83 100
 55 2.3 67.4 101.0#
 98 1.5 41.1 61.7#





#43

1,3,5-Trimethylbenzene

Concen: 0.055 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.30 min

Lab File: VX018688.D

Acq: 30 Sep 2020 10:15

Instrument :

MSVOA_X

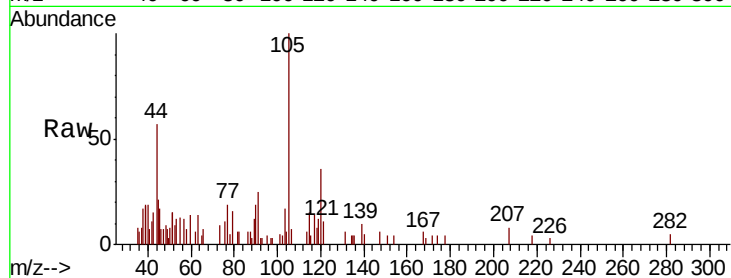
ClientSampleId :

Tot Ion:105 Resp: 2354

Ion Ratio Lower Upper

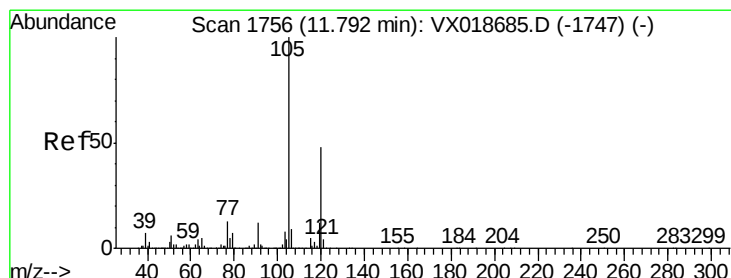
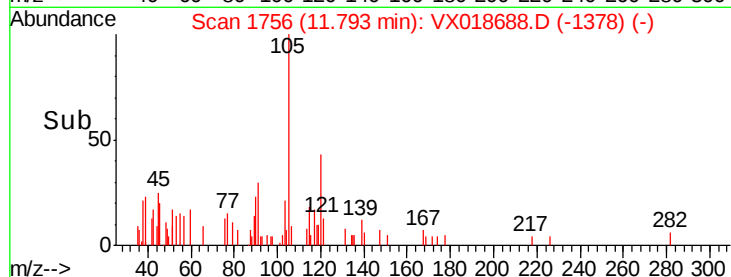
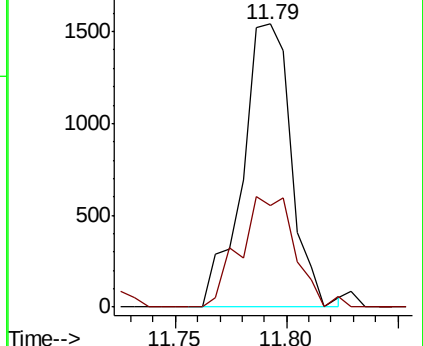
105 100

120 44.2 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: VX018688.D

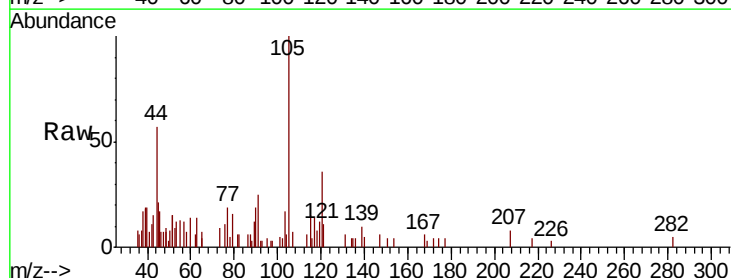
Acq: 30 Sep 2020 10:15

Tgt Ion:105 Resp: 2354

Ion Ratio Lower Upper

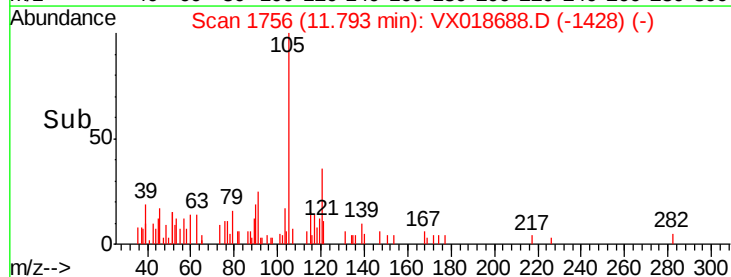
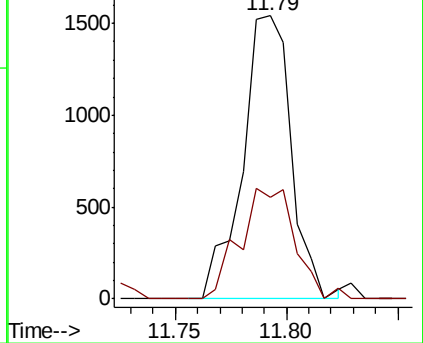
105 100

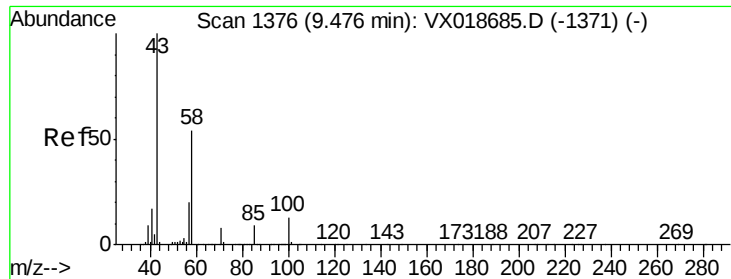
120 44.2 36.8 55.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

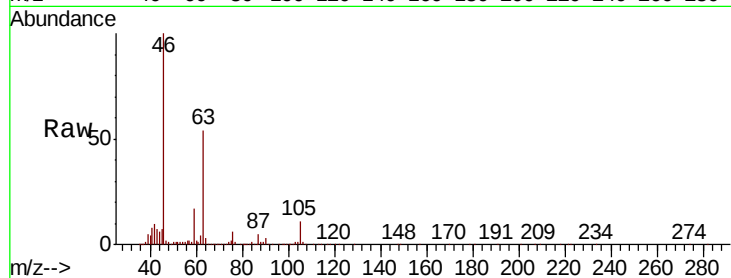




#50
 2-Hexanone
 Concen: 3.827 ug/L
 RT: 9.43 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: VX018688.D
 Acq: 30 Sep 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	26.5	42.5	63.7#
57	32.4	15.9	23.9#
100	2.4	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): V>

