

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081020\
 Data File : VX017842.D
 Acq On : 10 Aug 2020 11:55
 Operator : JC/SP
 Sample : L3600-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAY83

Quant Time: Aug 11 07:13:47 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	313665	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	300278	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	140098	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	99956	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.69	69	89663	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.34	63	144673	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.53	46	337252	58.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.18%
24) Chloroform-d	5.14	84	216375	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	6.03	65	135646	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	6.04	84	423931	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	7.37	67	145493	5.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.20%
41) Toluene-d8	8.70	98	356166	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
45) trans-1,3-Dichloropropene-	8.99	79	56425	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
48) 2-Hexanone-d5	9.43	63	267430	58.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.62%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	107314	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	170765	6.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.60%#

Target Compounds

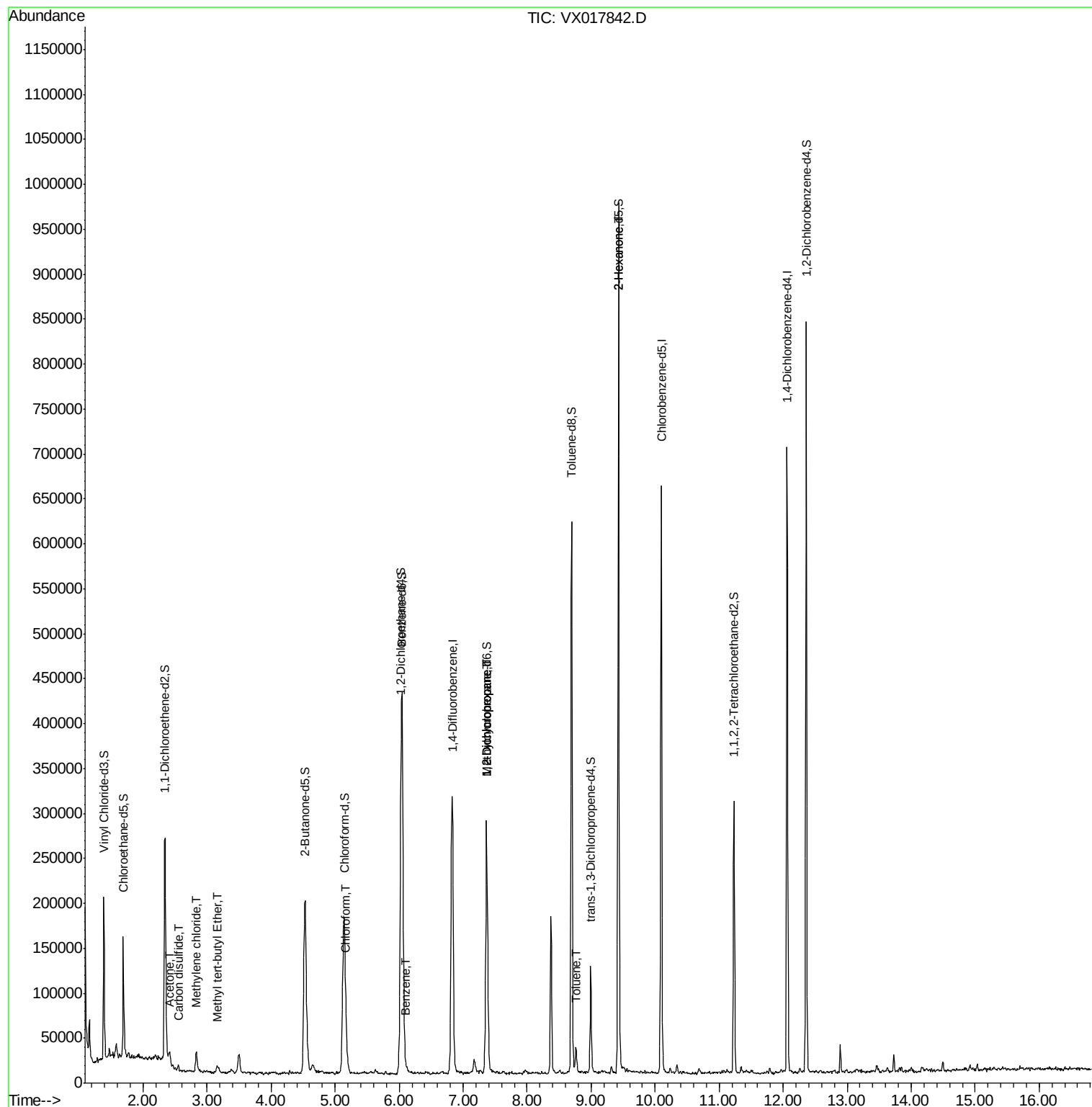
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.42	43	11094	2.638	ug/L	95
14) Carbon disulfide	2.55	76	5366	0.062	ug/L #	83
16) Methylene chloride	2.83	84	9929	0.299	ug/L	95
17) Methyl tert-butyl Ether	3.17	73	8778	0.136	ug/L #	82
25) Chloroform	5.17	83	29367	0.560	ug/L	95
33) Benzene	6.10	78	8004	0.075	ug/L	100
35) Methylcyclohexane	7.37	83	34889	0.800	ug/L #	20
37) 1,2-Dichloropropane	7.37	63	18152	0.679	ug/L #	87
42) Toluene	8.76	91	16206	0.140	ug/L	91
50) 2-Hexanone	9.43	43	33890	2.717	ug/L #	67

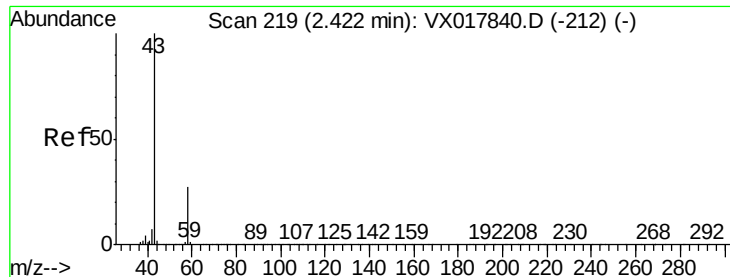
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 11 07:12:14 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.638 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017842.D

Acq: 10 Aug 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

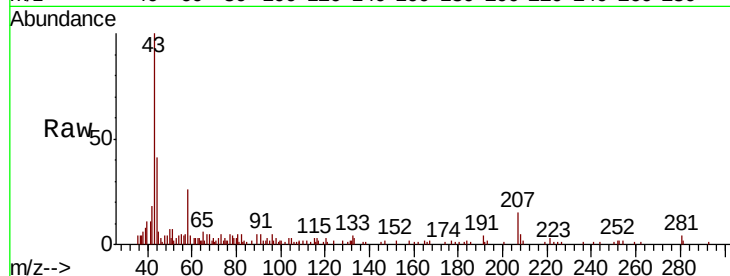
GAY83

Tot Ion: 43 Resp: 11094

Ion Ratio Lower Upper

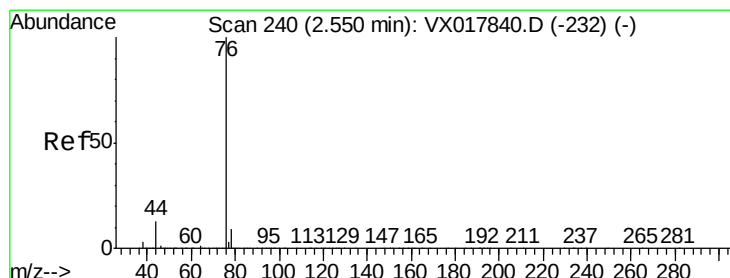
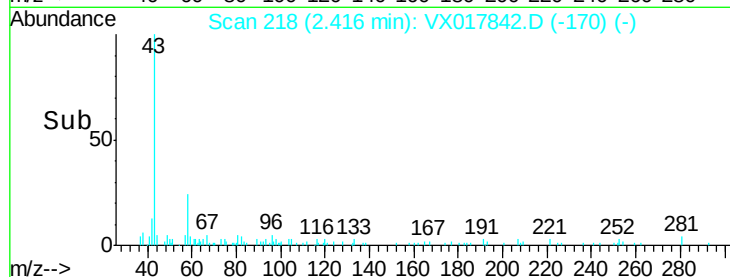
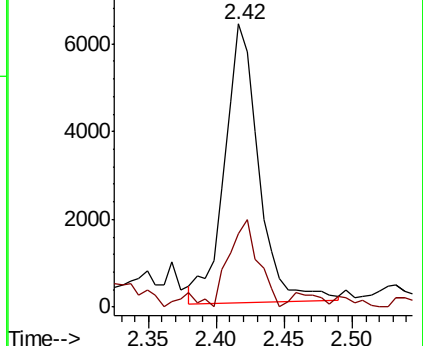
43 100

58 27.6 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 0.062 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017842.D

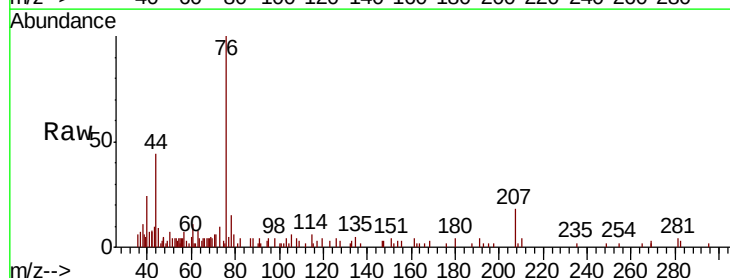
Acq: 10 Aug 2020 11:55

Tgt Ion: 76 Resp: 5366

Ion Ratio Lower Upper

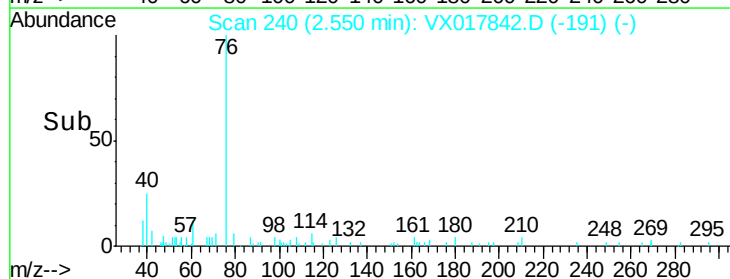
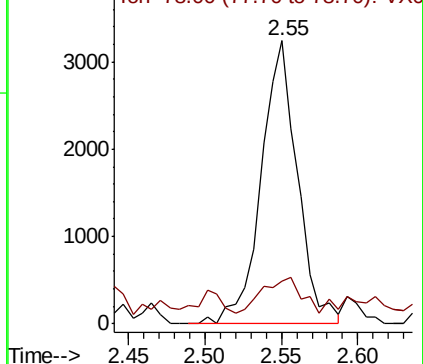
76 100

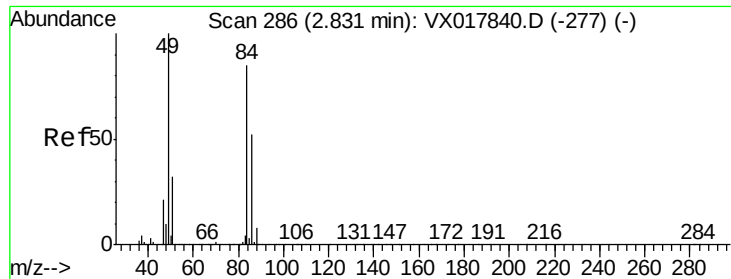
78 15.0 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

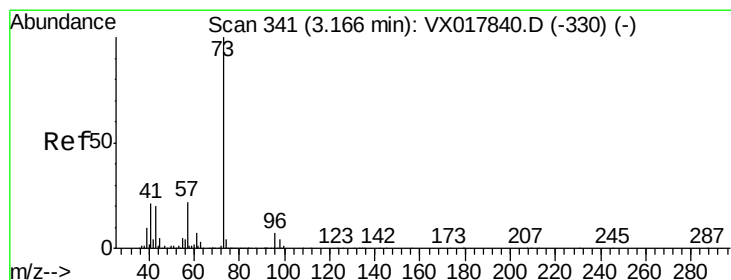
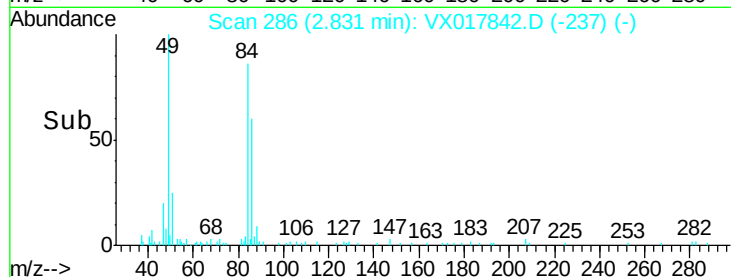
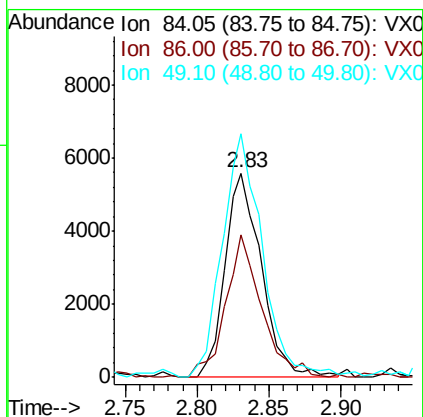
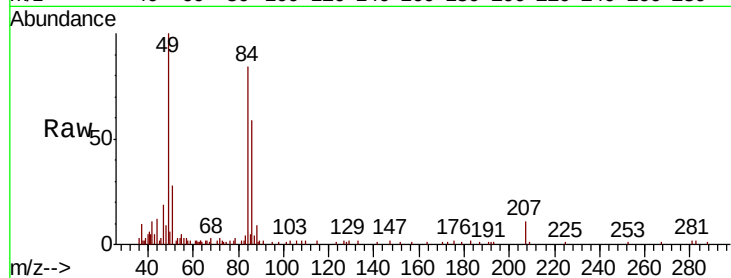




#16
Methylene chloride
Concen: 0.299 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX017842.D
Acq: 10 Aug 2020 11:55

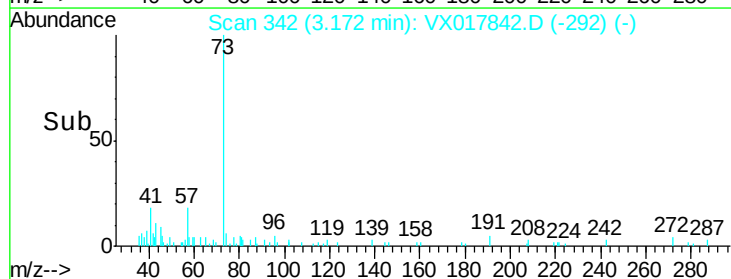
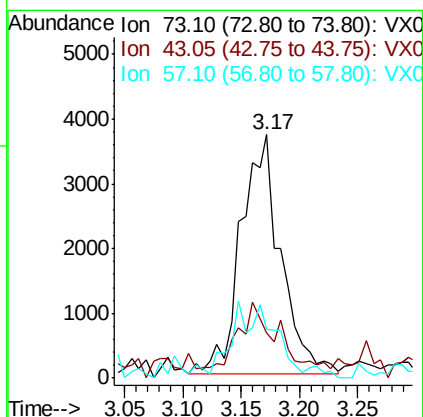
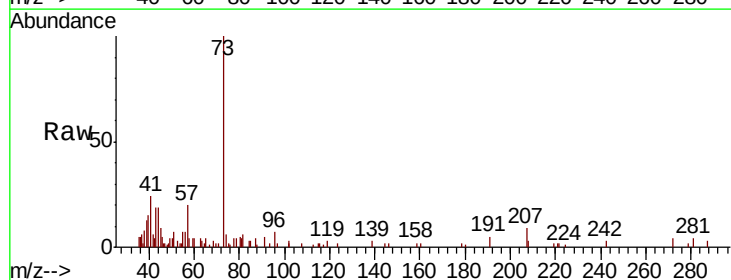
Instrument :
MSVOA_X
ClientSampleId :
GAY83

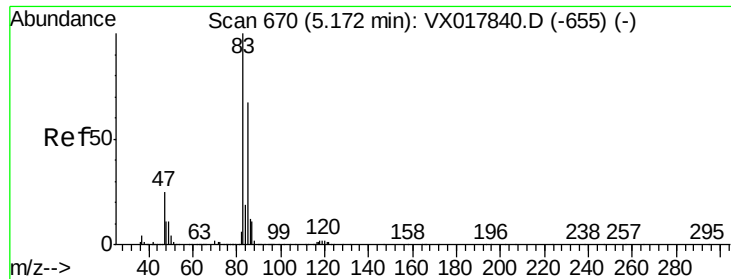
Tot Ion: 84 Resp: 9929
Ion Ratio Lower Upper
84 100
86 69.7 43.0 80.0
49 126.1 86.9 161.3



#17
Methyl tert-butyl Ether
Concen: 0.136 ug/L
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX017842.D
Acq: 10 Aug 2020 11:55

Tgt Ion: 73 Resp: 8778
Ion Ratio Lower Upper
73 100
43 31.7 17.7 26.5#
57 14.0 17.0 25.6#

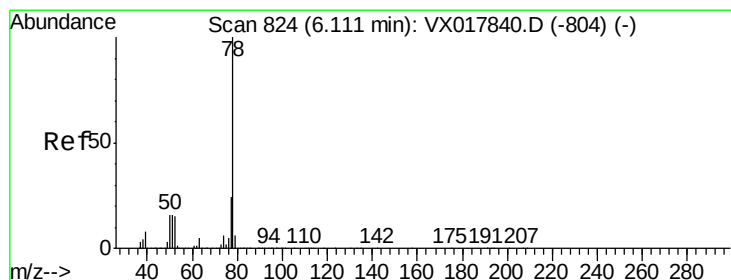
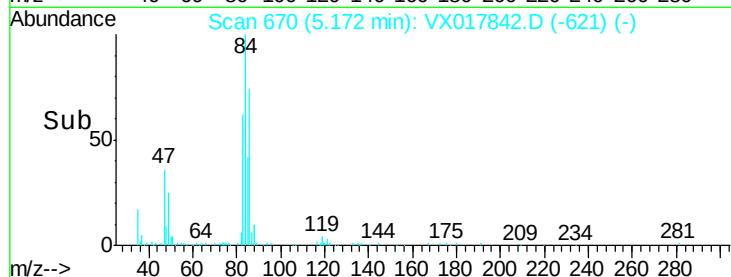
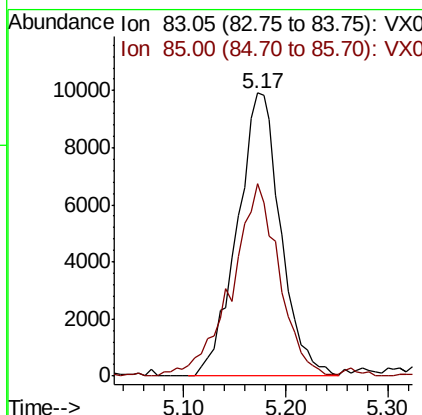
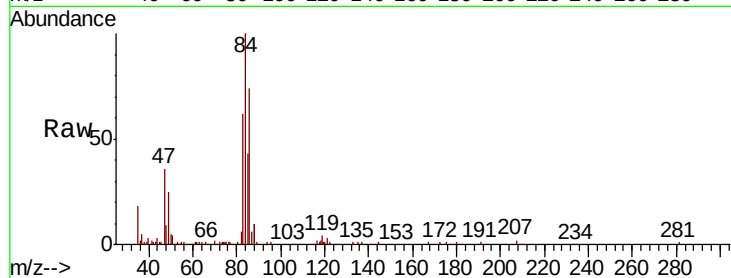




#25
Chloroform
Concen: 0.560 ug/L
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX017842.D
Acq: 10 Aug 2020 11:55

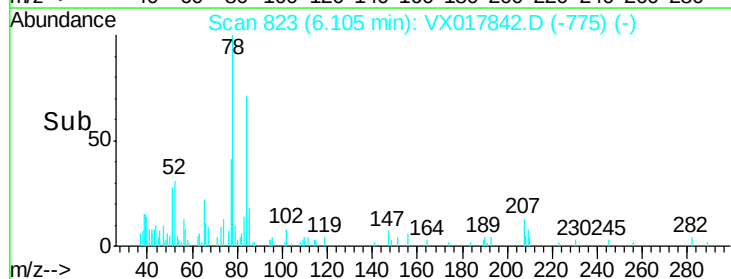
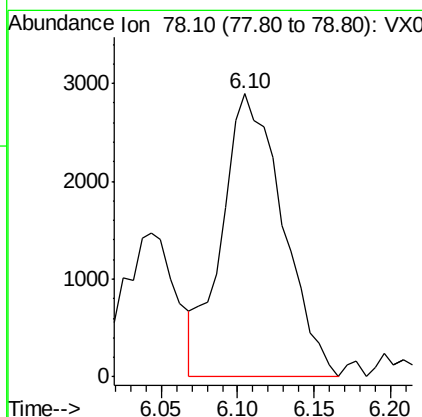
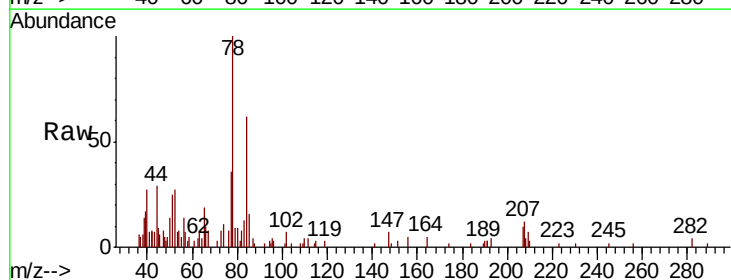
Instrument :
MSVOA_X
ClientSampled :
GAY83

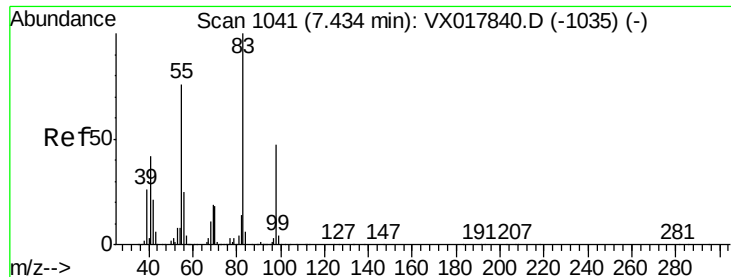
Tot Ion: 83 Resp: 29367
Ion Ratio Lower Upper
83 100
85 68.1 44.7 83.1



#33
Benzene
Concen: 0.075 ug/L
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX017842.D
Acq: 10 Aug 2020 11:55

Tgt Ion: 78 Resp: 8004

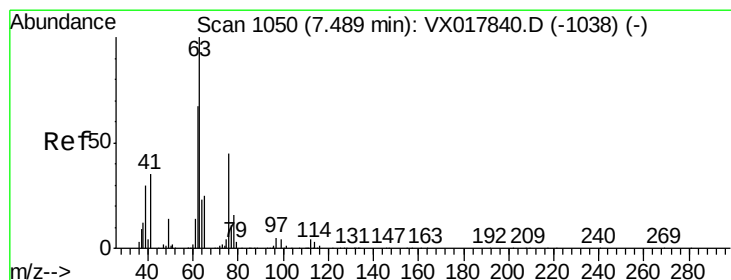
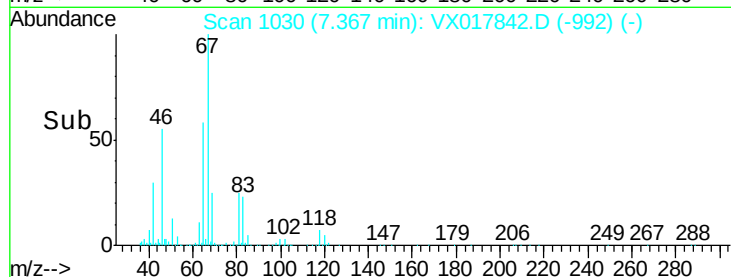
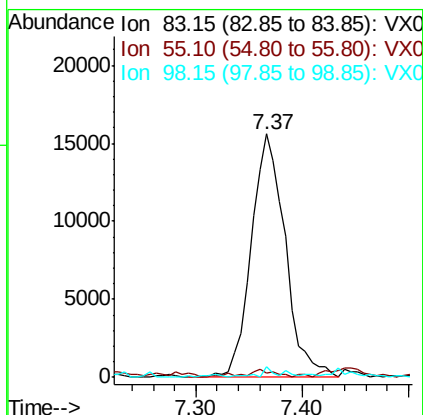
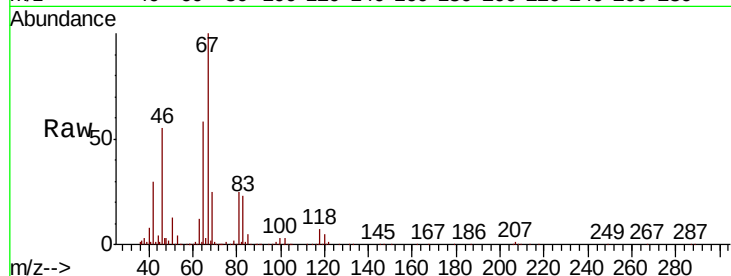




#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX017842.D
Acq: 10 Aug 2020 11:55

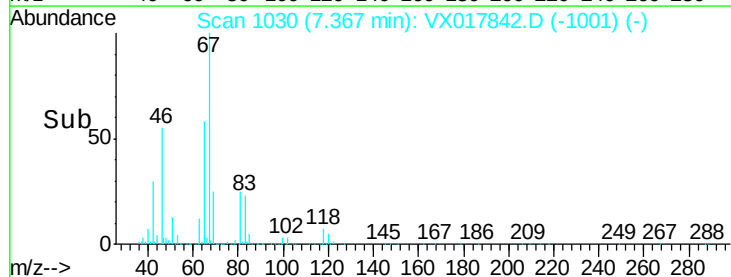
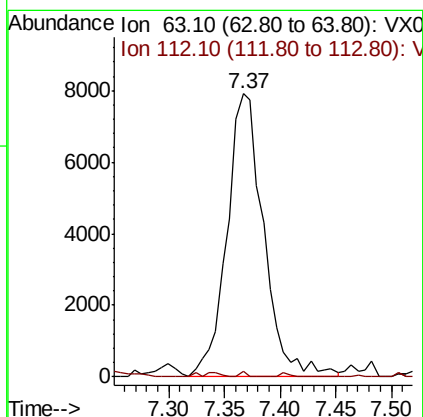
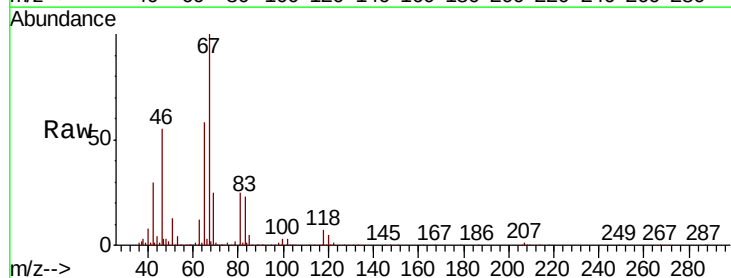
Instrument :
MSVOA_X
ClientSampled :
GAY83

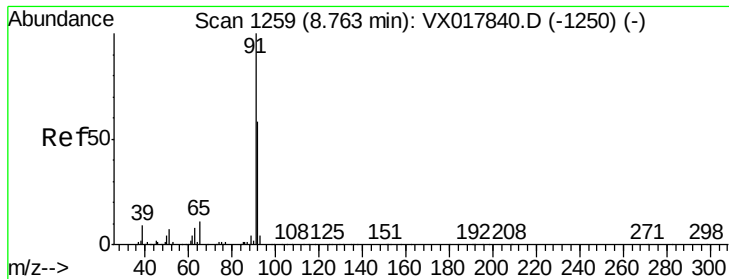
Tot Ion	Ratio	Lower	Upper
83	100		
55	1.9	62.4	93.6#
98	1.4	38.0	57.0#



#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VX017842.D
Acq: 10 Aug 2020 11:55

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.6	5.4#





#42

Toluene

Concen: 0.140 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017842.D

Acq: 10 Aug 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

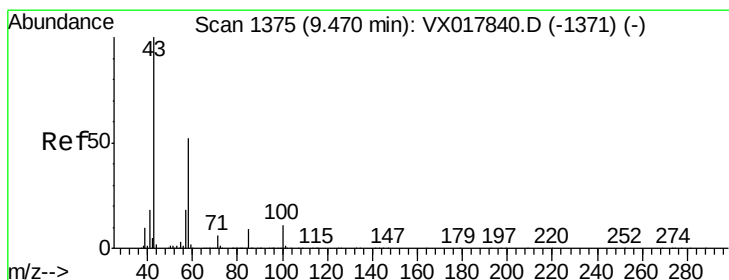
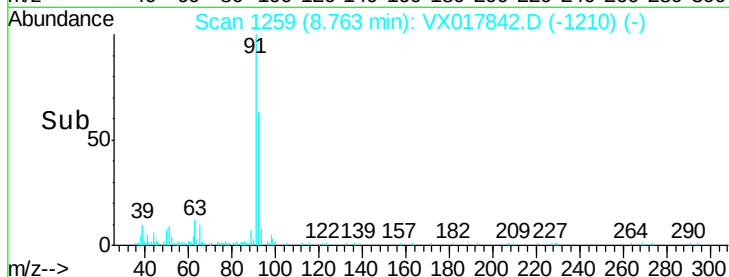
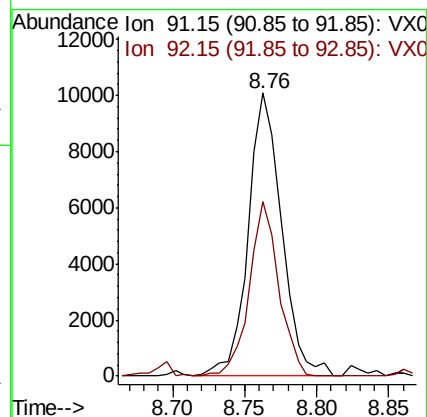
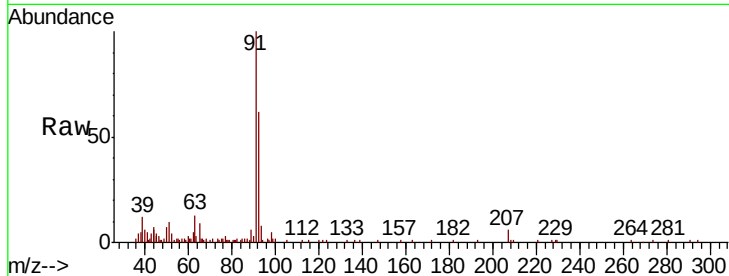
GAY83

Tot Ion: 91 Resp: 16206

Ion Ratio Lower Upper

91 100

92 61.7 38.8 72.0



#50

2-Hexanone

Concen: 2.717 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX017842.D

Acq: 10 Aug 2020 11:55

Tgt Ion: 43 Resp: 33890

Ion Ratio Lower Upper

43 100

58 27.1 43.0 64.6#

57 28.9 15.0 22.4#

100 0.8 9.2 13.8#

