

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
 Data File : VU039609.D
 Acq On : 21 Jul 2020 20:01
 Operator : SY/MD
 Sample : L3347-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAY05

Quant Time: Jul 22 03:32:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 02:01:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	105175	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	98798	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45874	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32340	6.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	132.60%#
7) Chloroethane-d5	1.93	69	34813	6.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	130.60%#
11) 1,1-Dichloroethene-d2	2.58	63	49776	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	4.65	46	115342	52.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	5.09	84	62862	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.72	65	43901	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.75	84	131203	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.70	67	44251	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.20%
41) Toluene-d8	7.91	98	116145	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	8.19	79	16306	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.64	63	85841	51.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.30%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35267	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	43488	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

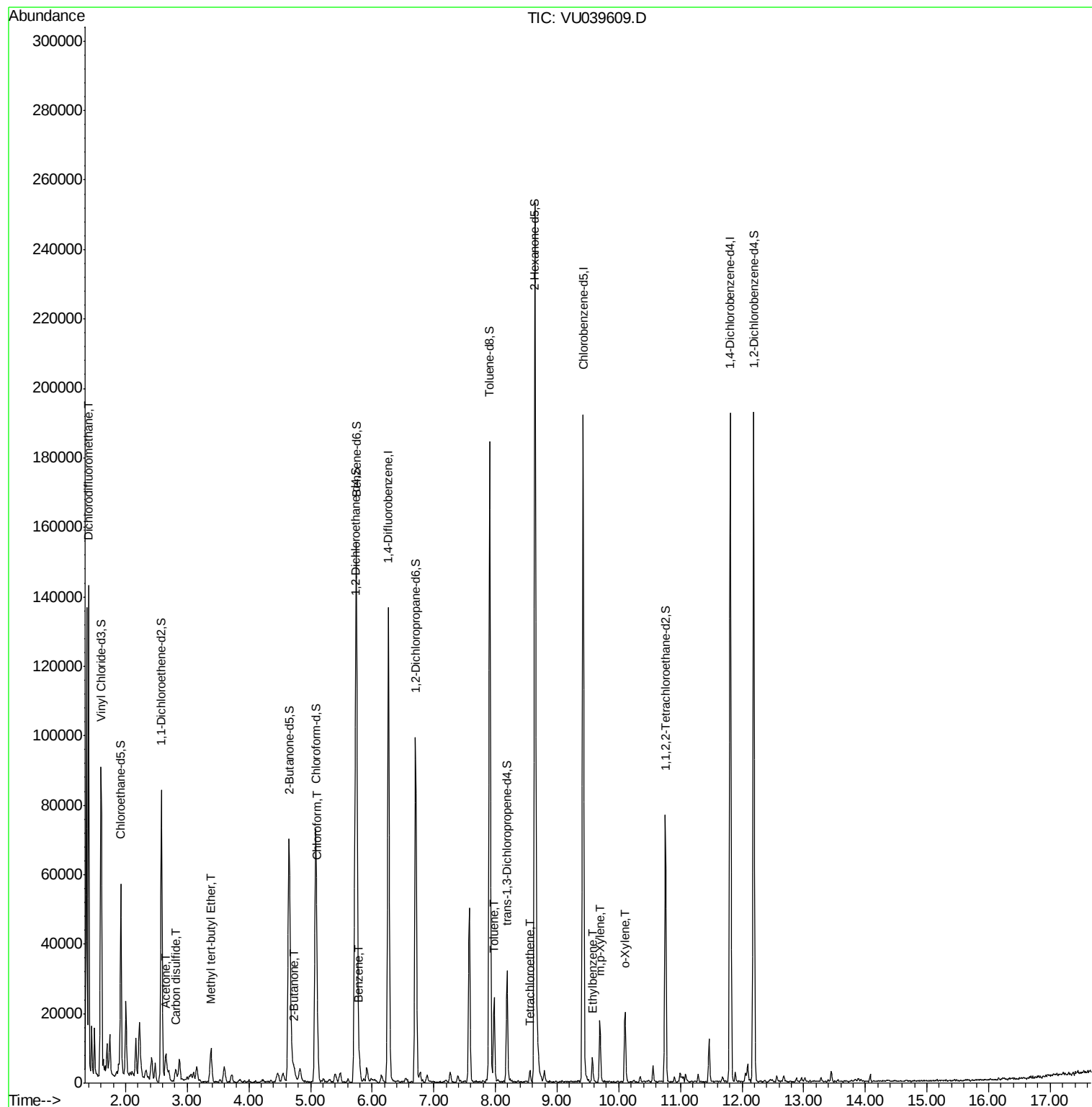
					Qvalue
2) Dichlorodifluoromethane	1.40	85	1667	0.324 ug/L	97
13) Acetone	2.66	43	10907	8.901 ug/L	98
14) Carbon disulfide	2.81	76	2862	0.191 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	8127	0.514 ug/L #	82
21) 2-Butanone	4.74	43	3434	1.618 ug/L	76
25) Chloroform	5.11	83	9507	0.736 ug/L	88
33) Benzene	5.79	78	5805	0.245 ug/L	100
42) Toluene	7.98	91	16552	0.637 ug/L	99
47) Tetrachloroethene	8.55	164	728	0.163 ug/L #	70
52) Ethylbenzene	9.57	91	5338	0.181 ug/L	98
53) m,p-Xylene	9.69	106	4560	0.413 ug/L	92
54) o-Xylene	10.10	106	4811	0.447 ug/L	84

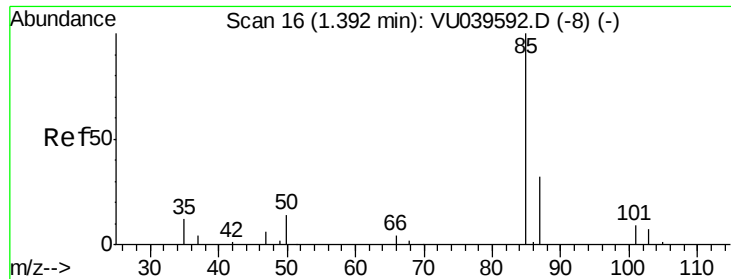
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039609.D
Acq On : 21 Jul 2020 20:01
Operator : SY/MD
Sample : L3347-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAY05

Quant Time: Jul 22 03:32:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.324 ug/L

RT: 1.40 min Scan# 18

Delta R.T. 0.01 min

Lab File: VU039609.D

Acq: 21 Jul 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

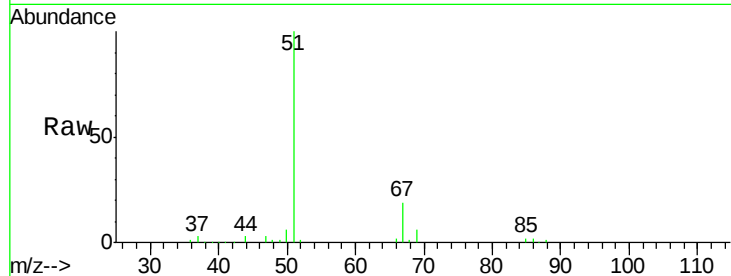
GAY05

Tgt Ion: 85 Resp: 1667

Ion Ratio Lower Upper

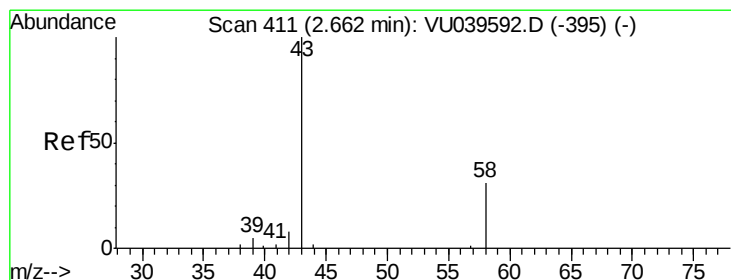
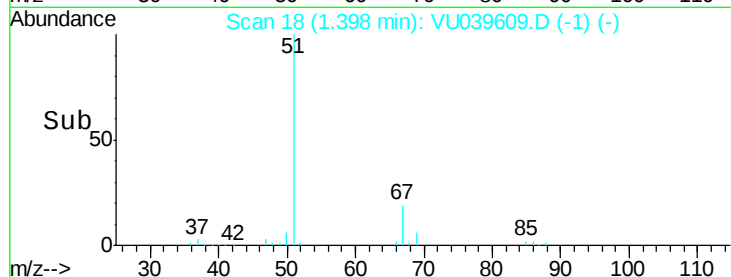
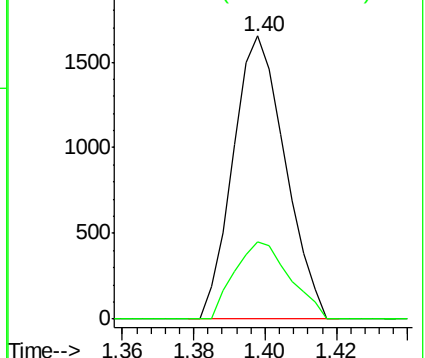
85 100

87 28.9 24.5 36.7



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#13

Acetone

Concen: 8.901 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU039609.D

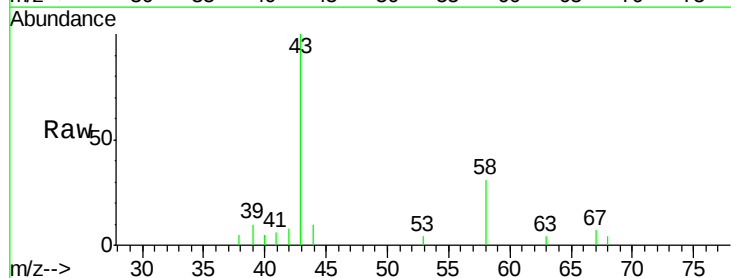
Acq: 21 Jul 2020 20:01

Tgt Ion: 43 Resp: 10907

Ion Ratio Lower Upper

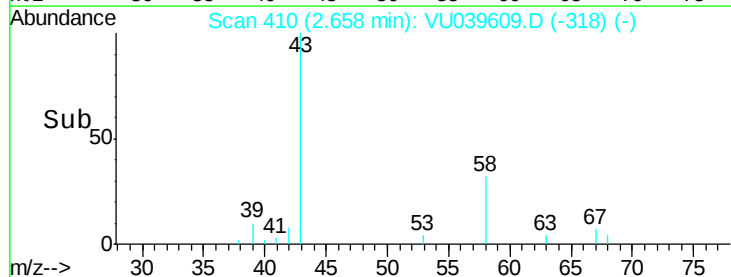
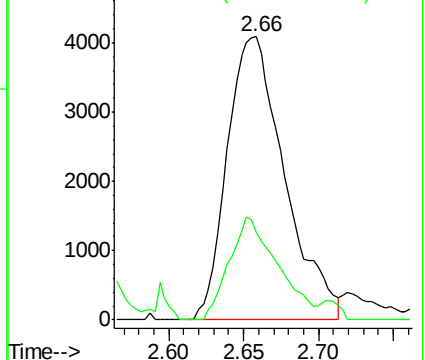
43 100

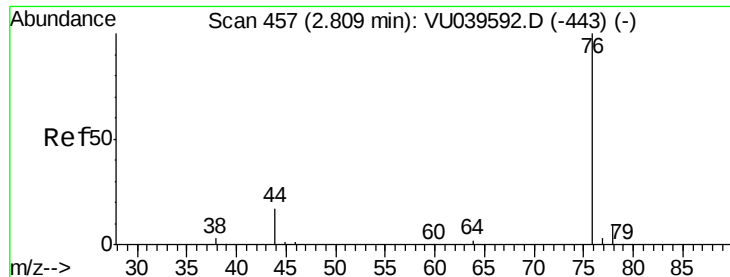
58 30.6 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.191 ug/L

RT: 2.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: VU039609.D

Acq: 21 Jul 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

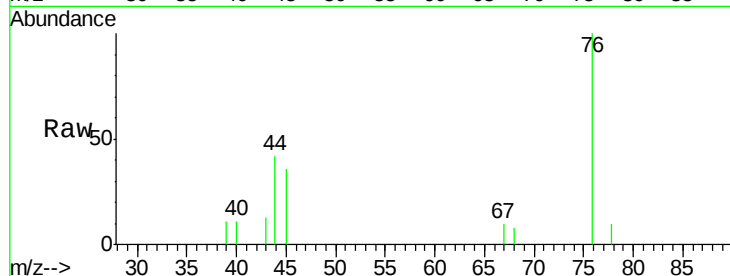
GAY05

Tgt Ion: 76 Resp: 2862

Ion Ratio Lower Upper

76 100

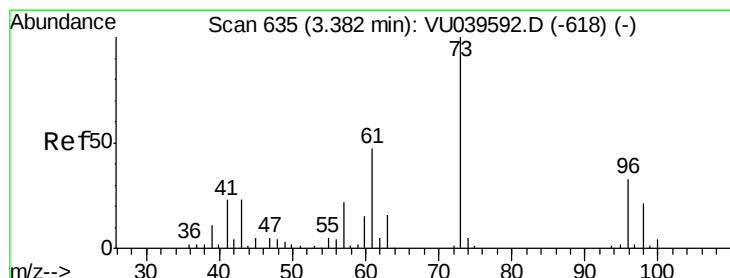
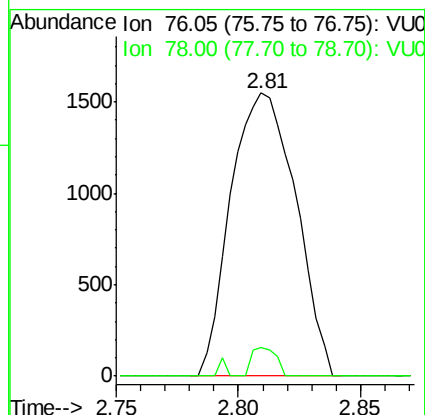
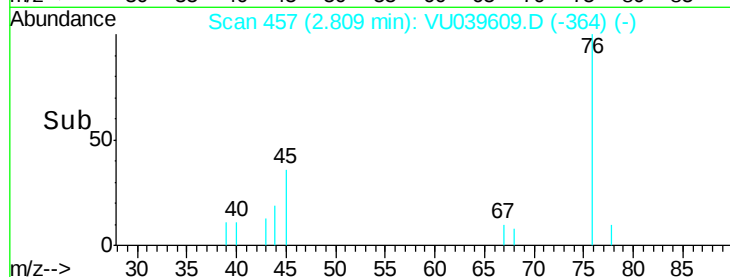
78 10.2 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU039592.D (-443) (-)

Ion 78.00 (77.70 to 78.70): VU039592.D (-443) (-)

Time--> 2.75 2.80 2.85



#17

Methyl tert-butyl Ether

Concen: 0.514 ug/L

RT: 3.38 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU039609.D

Acq: 21 Jul 2020 20:01

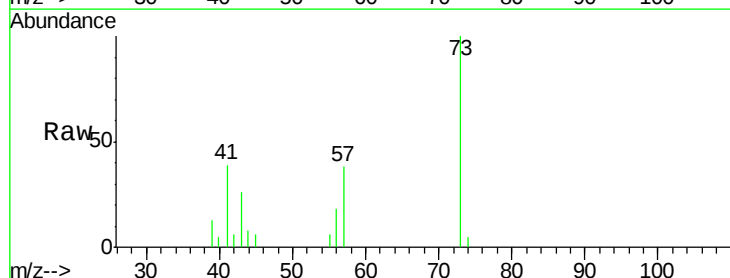
Tgt Ion: 73 Resp: 8127

Ion Ratio Lower Upper

73 100

43 26.9 18.2 27.4

57 35.9 17.9 26.9#

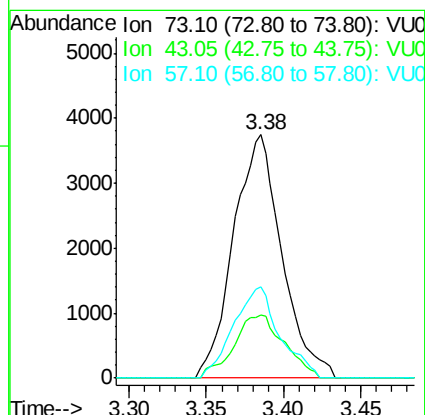
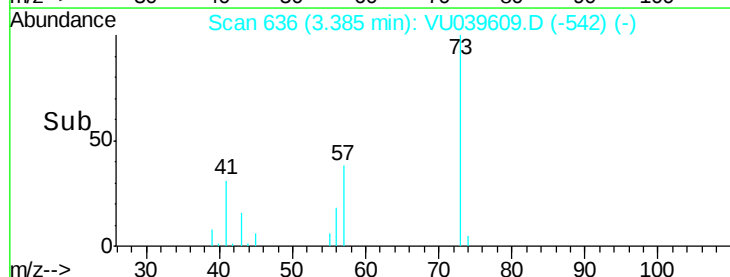


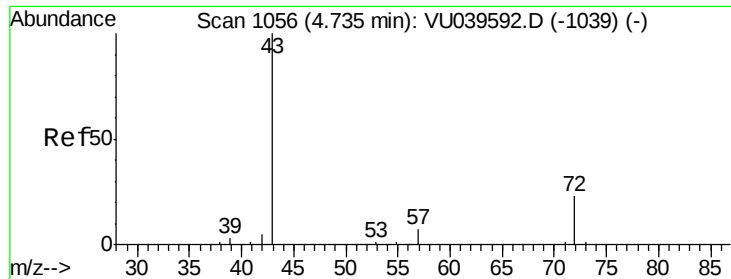
Abundance Ion 73.10 (72.80 to 73.80): VU039592.D (-618) (-)

Ion 43.05 (42.75 to 43.75): VU039592.D (-618) (-)

Ion 57.10 (56.80 to 57.80): VU039592.D (-618) (-)

Time--> 3.30 3.35 3.40 3.45





#21

2-Butanone

Concen: 1.618 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU039609.D

Acq: 21 Jul 2020 20:01

Instrument :

MSVOA_U

ClientSampled :

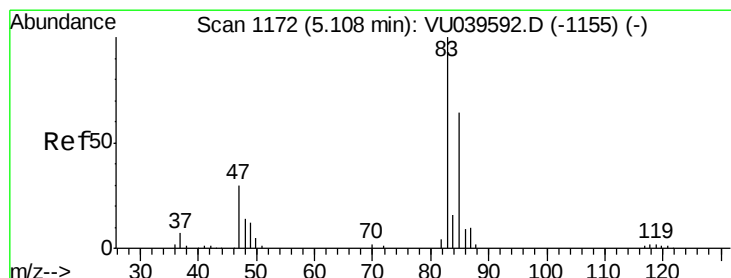
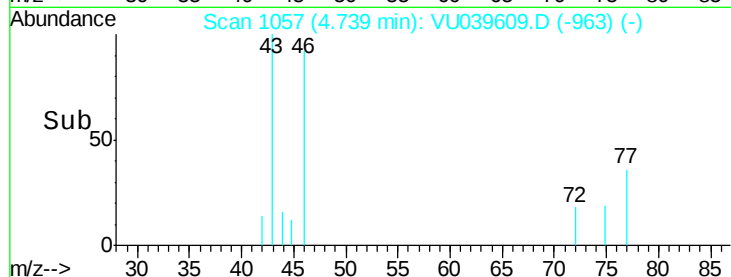
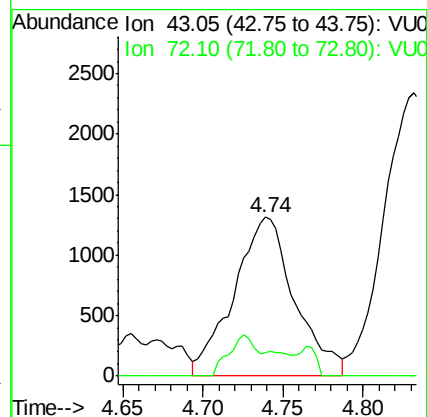
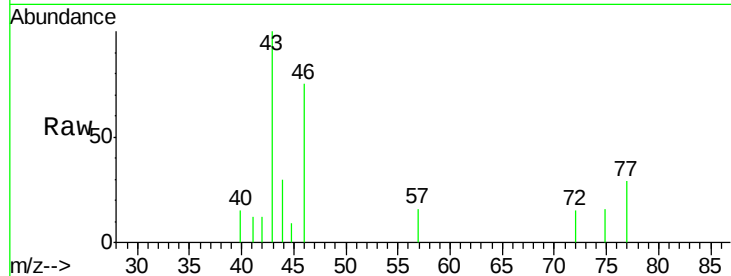
GAY05

Tgt Ion: 43 Resp: 3434

Ion Ratio Lower Upper

43 100

72 12.5 12.2 36.4



#25

Chloroform

Concen: 0.736 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VU039609.D

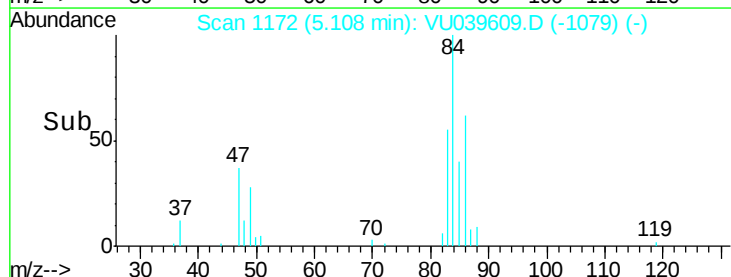
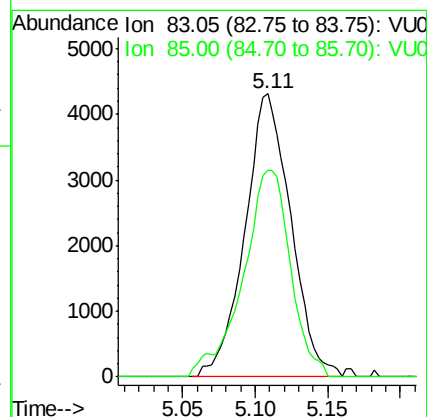
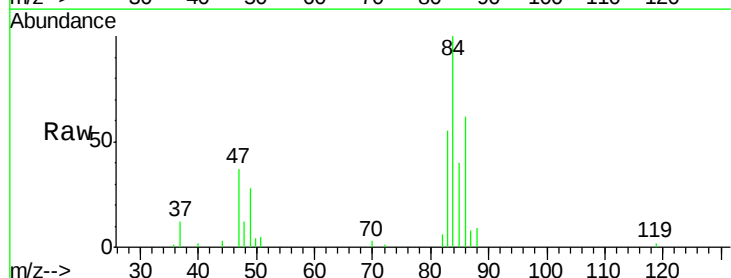
Acq: 21 Jul 2020 20:01

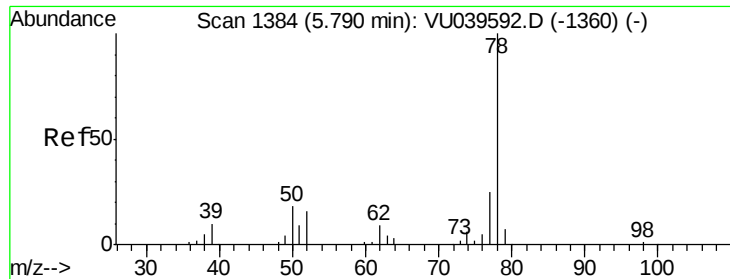
Tgt Ion: 83 Resp: 9507

Ion Ratio Lower Upper

83 100

85 72.8 44.4 82.5





#33

Benzene

Concen: 0.245 ug/L

RT: 5.79 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VU039609.D

Acq: 21 Jul 2020 20:01

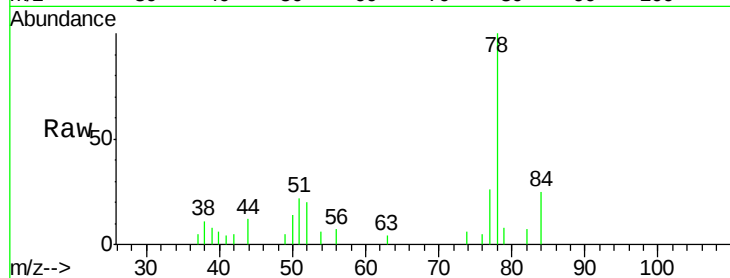
Instrument :

MSVOA_U

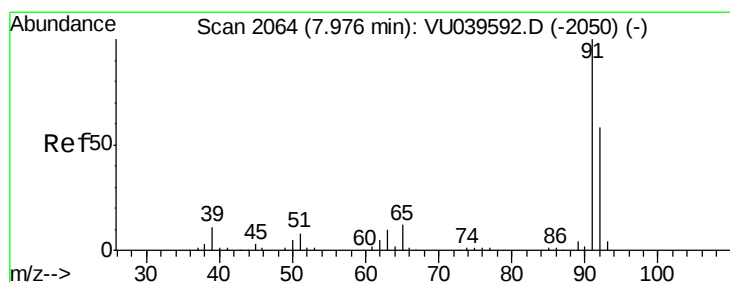
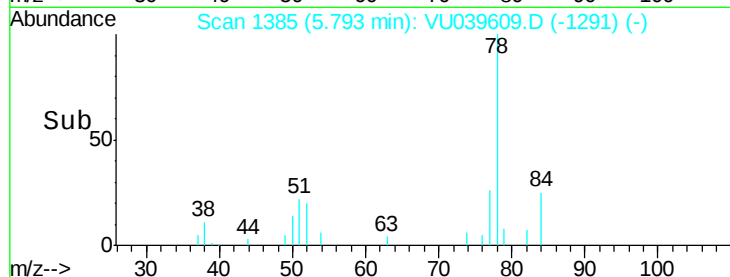
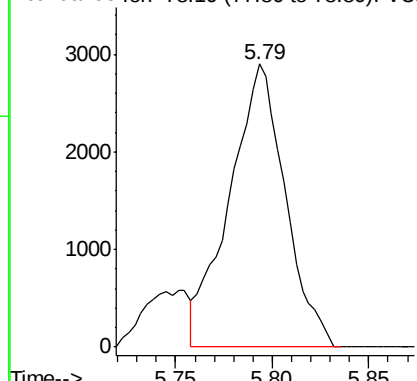
ClientSampled :

GAY05

Tgt Ion: 78 Resp: 5805



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.637 ug/L

RT: 7.98 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VU039609.D

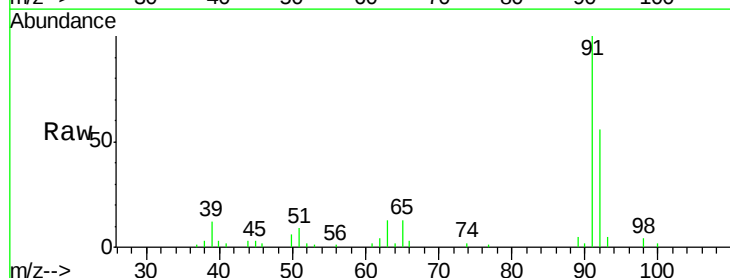
Acq: 21 Jul 2020 20:01

Tgt Ion: 91 Resp: 16552

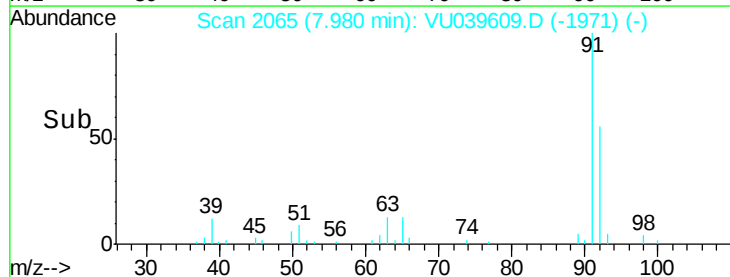
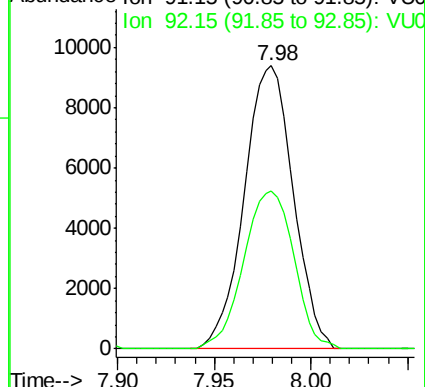
Ion Ratio Lower Upper

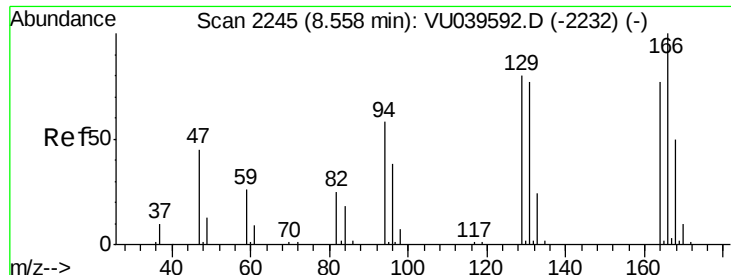
91 100

92 55.6 38.6 71.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

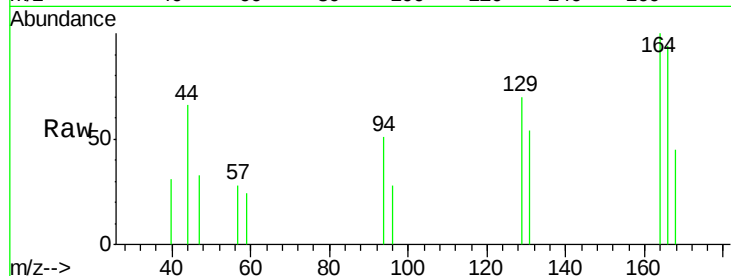




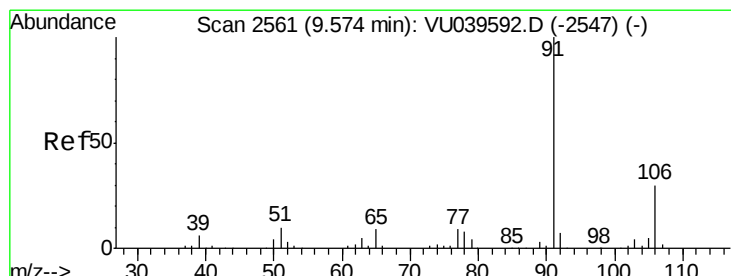
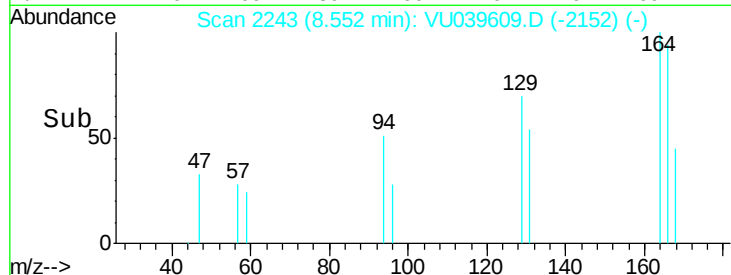
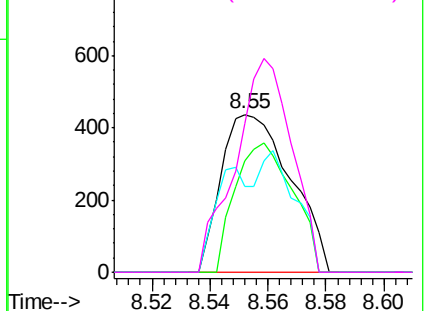
#47
Tetrachloroethene
Concen: 0.163 ug/L
RT: 8.55 min Scan# 2243
Delta R.T. -0.01 min
Lab File: VU039609.D
Acq: 21 Jul 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
GAY05

Tgt Ion: 164 Resp: 728
Ion Ratio Lower Upper
164 100
129 70.1 67.9 126.1
131 54.1 64.7 120.1#
166 93.6 85.1 158.1

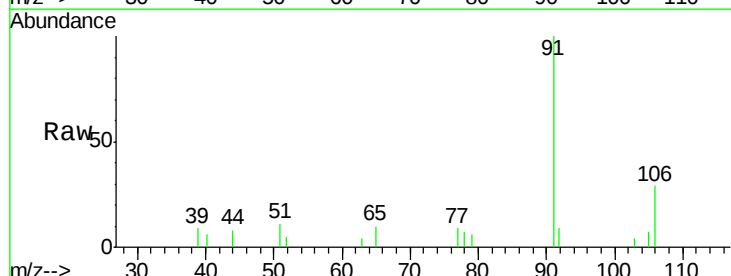


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

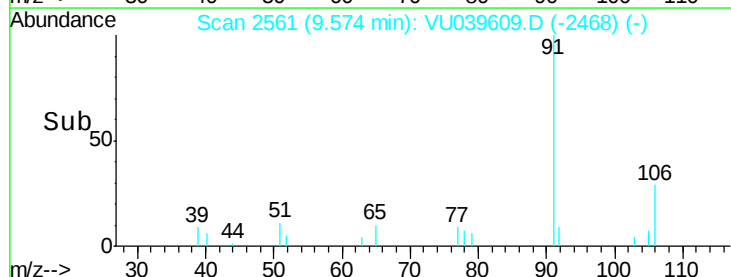
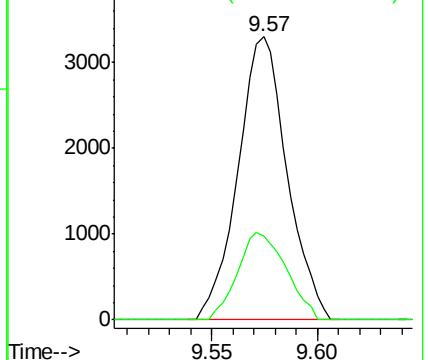


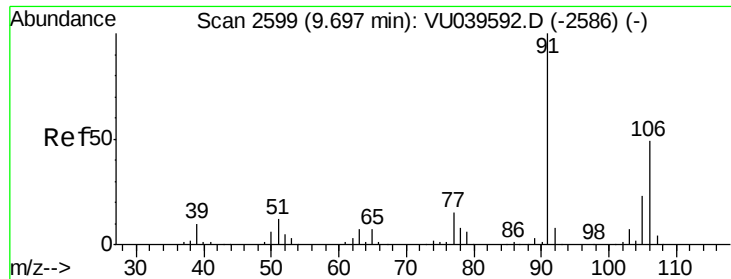
#52
Ethylbenzene
Concen: 0.181 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. -0.00 min
Lab File: VU039609.D
Acq: 21 Jul 2020 20:01

Tgt Ion: 91 Resp: 5338
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 0.413 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU039609.D

Acq: 21 Jul 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

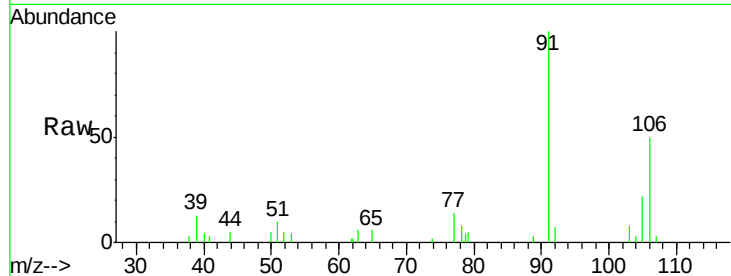
GAY05

Tgt Ion:106 Resp: 4560

Ion Ratio Lower Upper

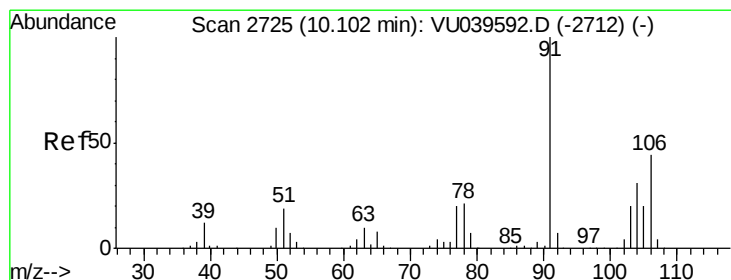
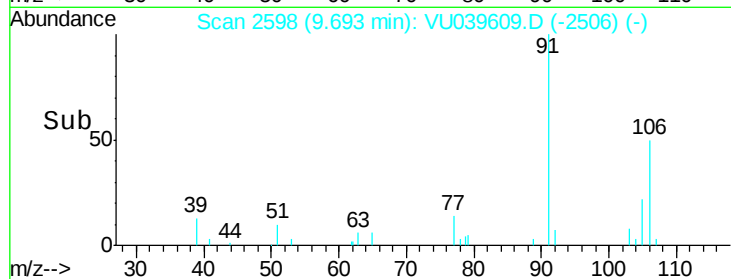
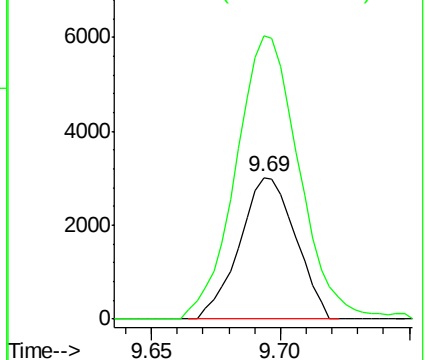
106 100

91 199.9 149.3 277.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.447 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU039609.D

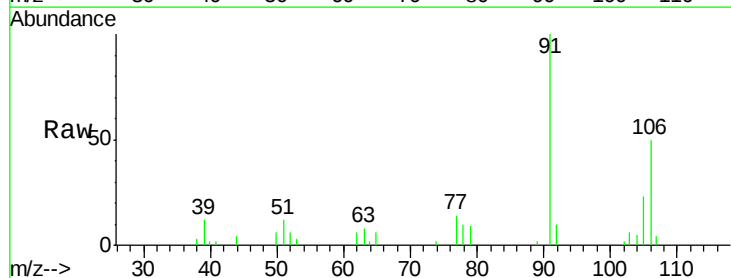
Acq: 21 Jul 2020 20:01

Tgt Ion:106 Resp: 4811

Ion Ratio Lower Upper

106 100

91 199.3 157.4 292.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

