

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
 Data File : VU039605.D
 Acq On : 21 Jul 2020 18:29
 Operator : SY/MD
 Sample : L3347-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAY02

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 8:10:12 AM

Quant Time: Jul 22 03:19:10 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	121178	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115102	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53660	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30732	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.92	69	34244	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.58	63	46892	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.65	46	115465	45.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.02%
24) Chloroform-d	5.08	84	60465	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.72	65	41280	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.75	84	127587	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.70	67	42449	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.91	98	113016	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.19	79	16348	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.64	63	85905	44.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.74%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35450	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	43825	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.65	43	11679	8.272	ug/L	98
21) 2-Butanone	4.74	43	6065m	2.480	ug/L	
25) Chloroform	5.11	83	6512	0.438	ug/L	98
33) Benzene	5.79	78	5227	0.189	ug/L	100
35) Methylcyclohexane	6.78	83	1570	0.140	ug/L	93
42) Toluene	7.98	91	15879	0.524	ug/L	97
47) Tetrachloroethene	8.56	164	1777	0.341	ug/L #	85
52) Ethylbenzene	9.57	91	10868	0.316	ug/L	100
53) m,p-Xylene	9.69	106	2414	0.188	ug/L	99
54) o-Xylene	10.10	106	2419	0.193	ug/L	98

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

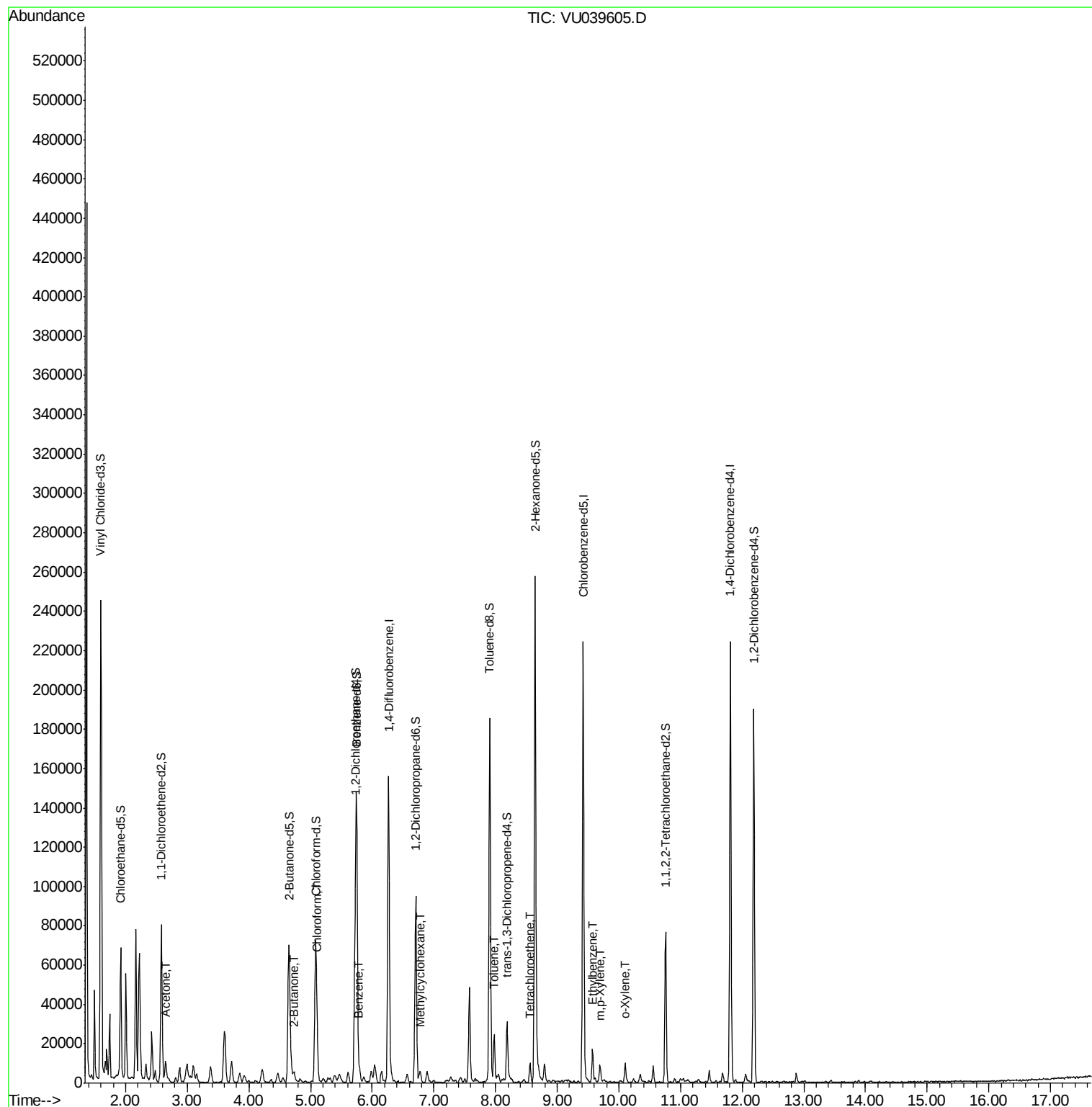
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039605.D
Acq On : 21 Jul 2020 18:29
Operator : SY/MD
Sample : L3347-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

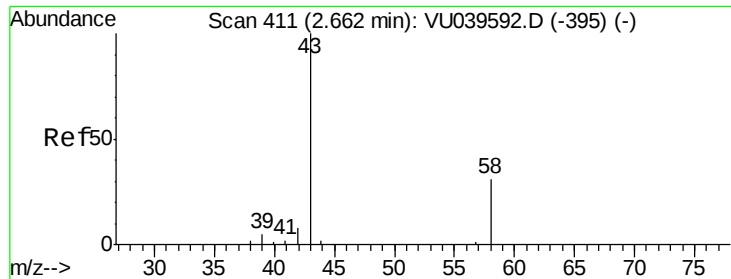
Instrument :
MSVOA_U
ClientSampleId :
GAY02

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7/27/2020 8:10:12 AM

Quant Time: Jul 22 03:19:10 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





#13

Acetone

Concen: 8.272 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.01 min

Lab File: VU039605.D

Acq: 21 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampled :

GAY02

Tgt Ion: 43 Resp: 11679

Ion Ratio Lower Upper

43 100

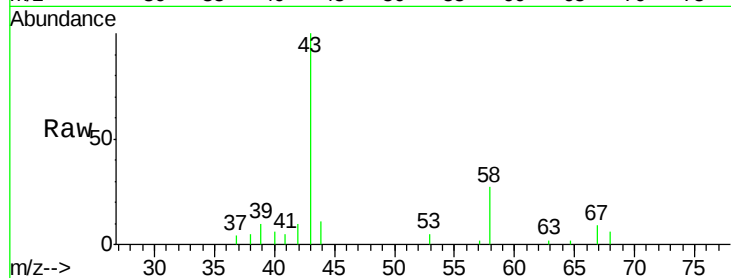
58 28.5 0.0 59.0

Manual Integrations

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7/27/2020 8:10:12 AM



Abundance Ion 43.05 (42.75 to 43.75): VU039592.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU039592.D (-395) (-)

2.65

6000

5000

4000

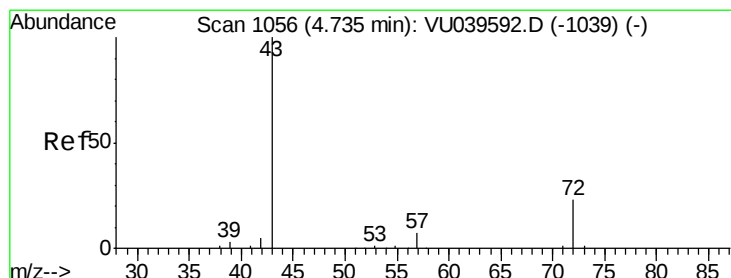
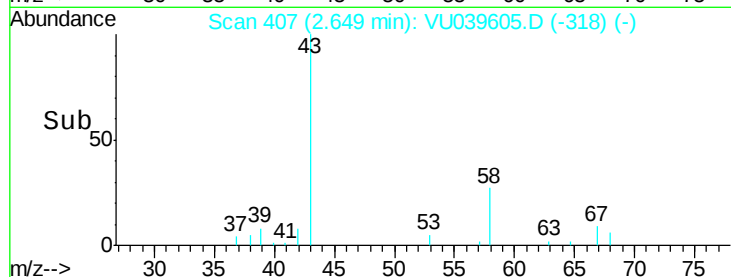
3000

2000

1000

0

Time-->



#21

2-Butanone

Concen: 2.480 ug/L m

RT: 4.74 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VU039605.D

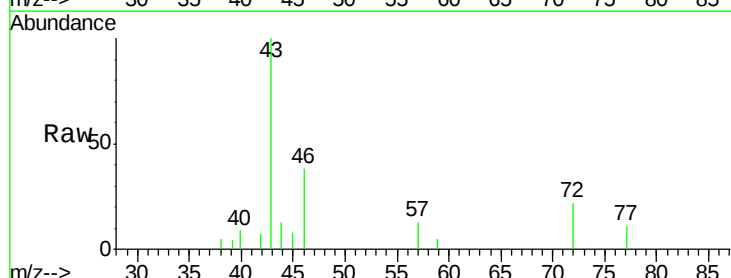
Acq: 21 Jul 2020 18:29

Tgt Ion: 43 Resp: 6065

Ion Ratio Lower Upper

43 100

72 1.3 12.2 36.4#



Abundance Ion 43.05 (42.75 to 43.75): VU039592.D (-1039) (-)

Ion 72.10 (71.80 to 72.80): VU039592.D (-1039) (-)

4.74

2500

2000

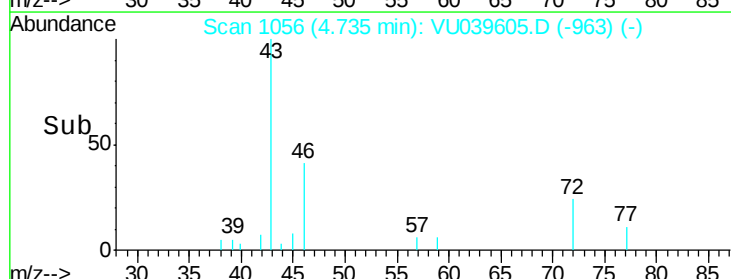
1500

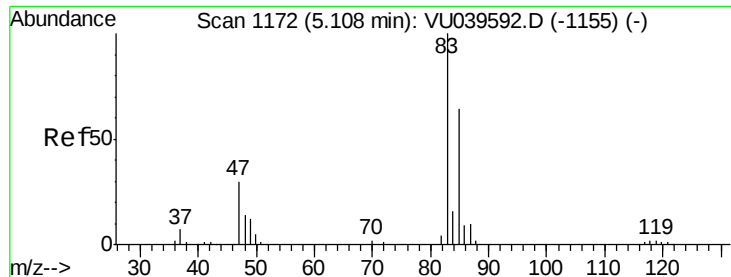
1000

500

0

Time-->





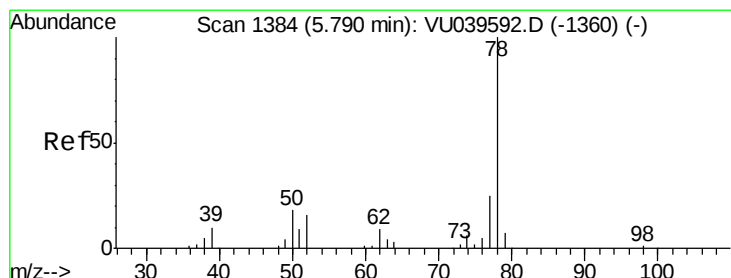
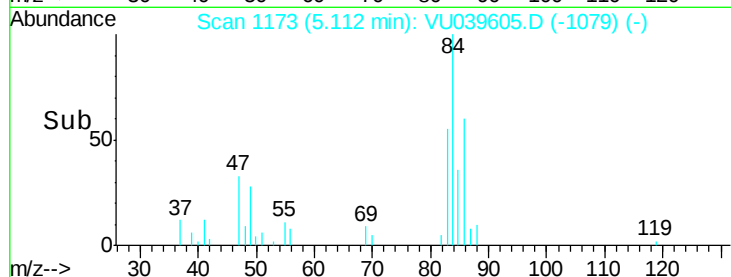
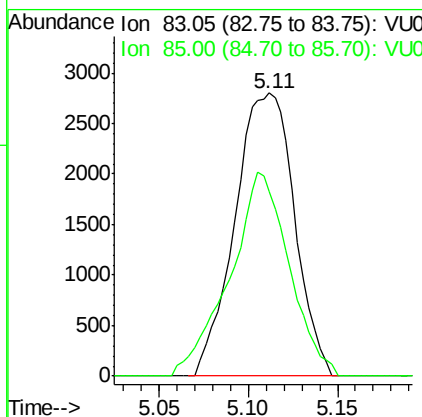
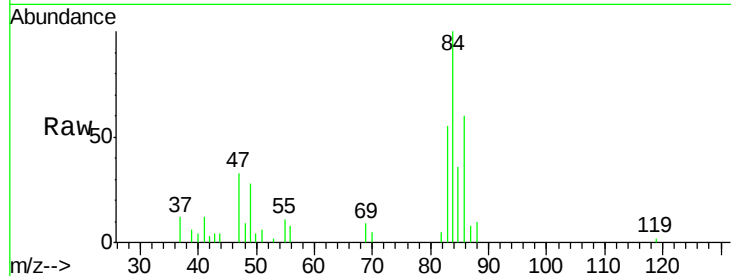
#25
Chloroform
Concen: 0.438 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

Instrument :
MSVOA_U
ClientSampled :
GAY02

Tgt Ion: 83 Resp: 6512
Ion Ratio Lower Upper
83 100
85 65.3 44.4 82.5

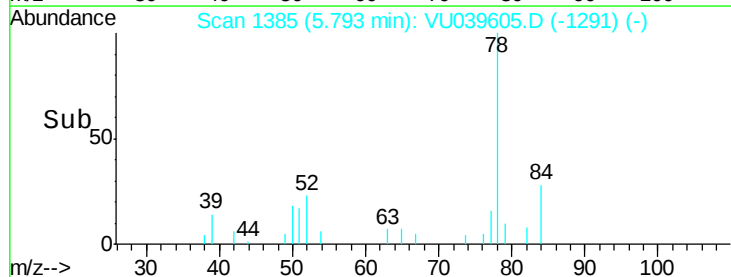
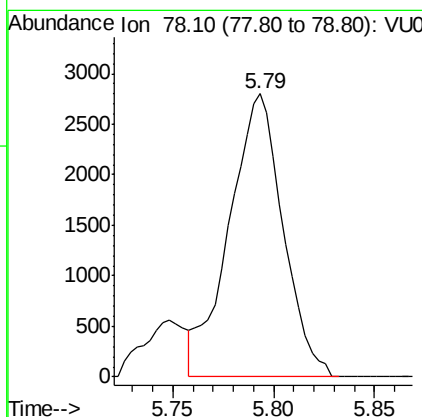
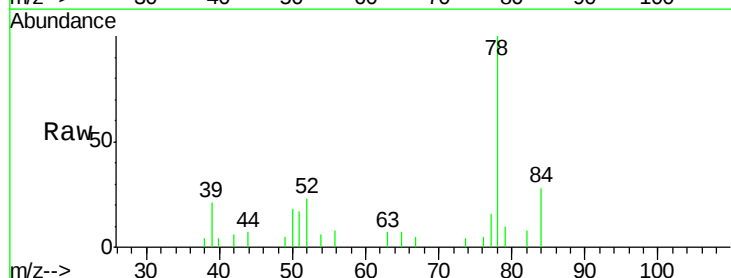
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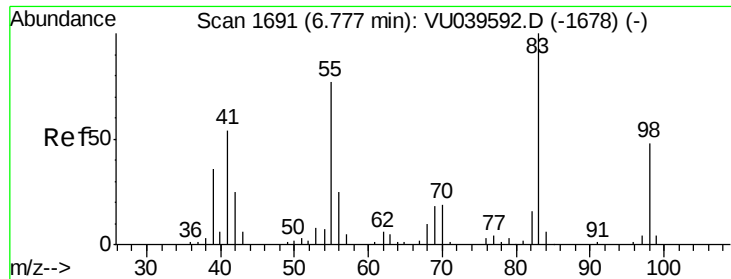
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#33
Benzene
Concen: 0.189 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

Tgt Ion: 78 Resp: 5227





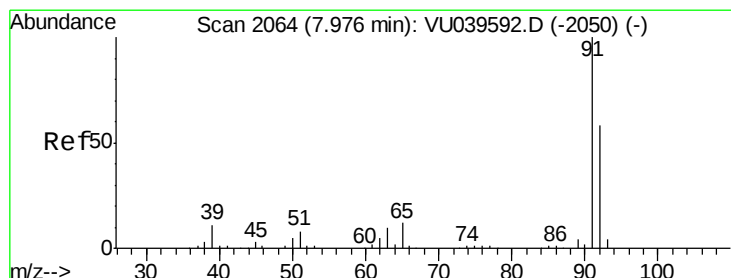
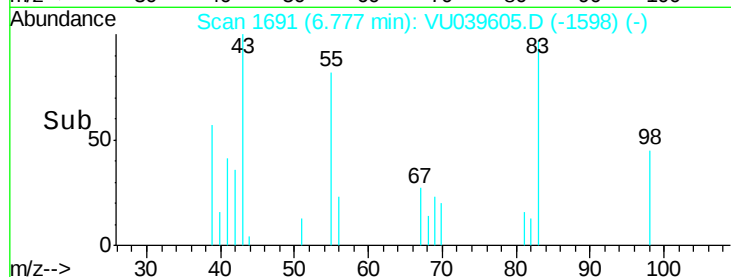
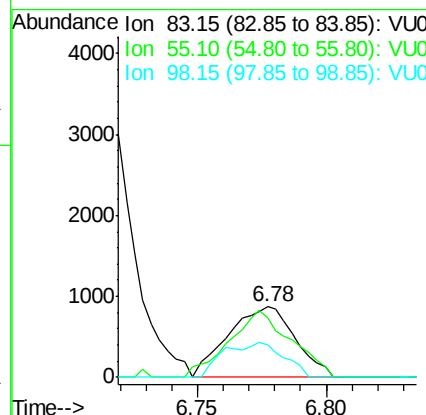
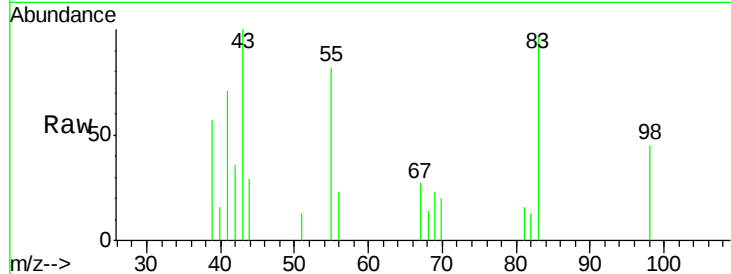
#35
Methylcyclohexane
Concen: 0.140 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :
GAY02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.8	63.0	94.6
98	44.1	35.3	52.9

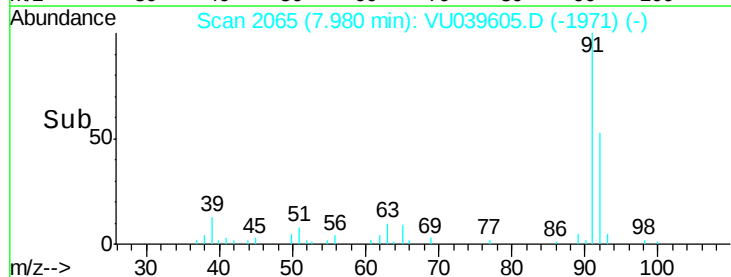
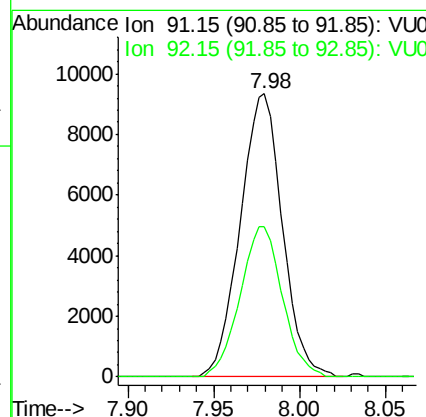
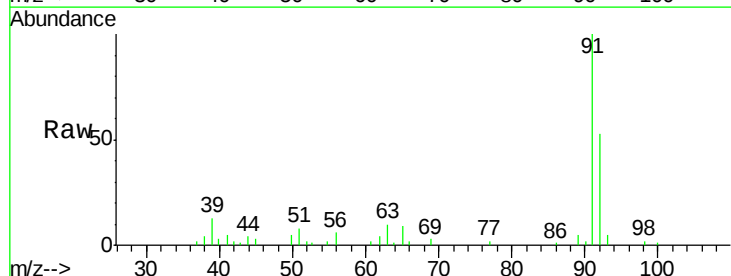
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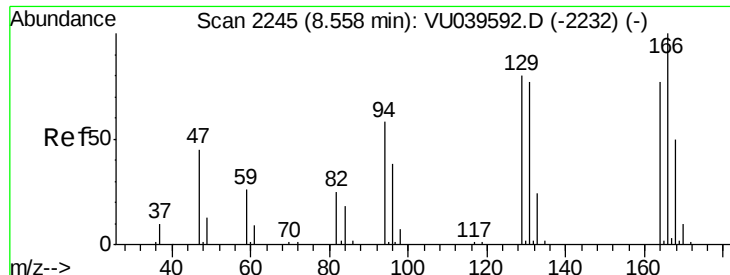
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#42
Toluene
Concen: 0.524 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	38.6	71.6





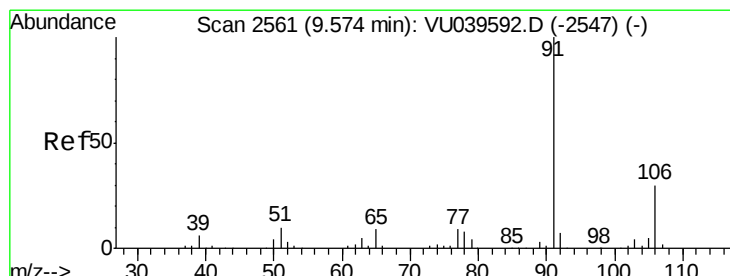
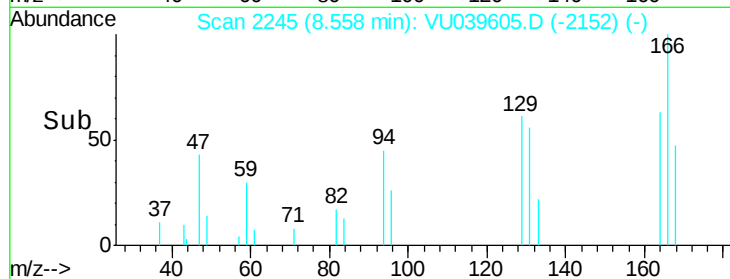
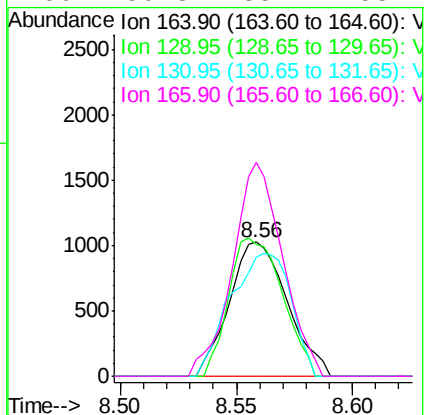
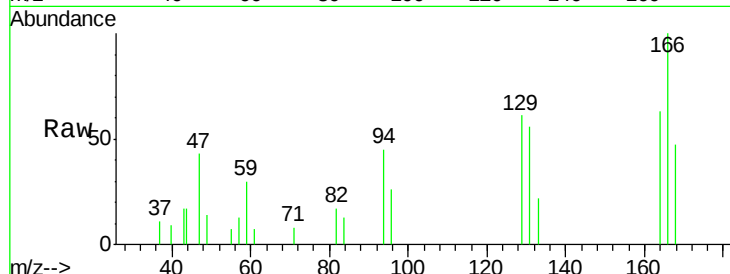
#47
Tetrachloroethene
Concen: 0.341 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

Instrument :
MSVOA_U
ClientSampled :
GAY02

Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.9	67.9	126.1
131	88.6	64.7	120.1
166	159.3	85.1	158.1#

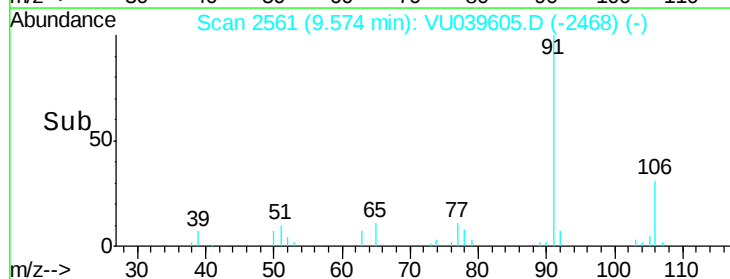
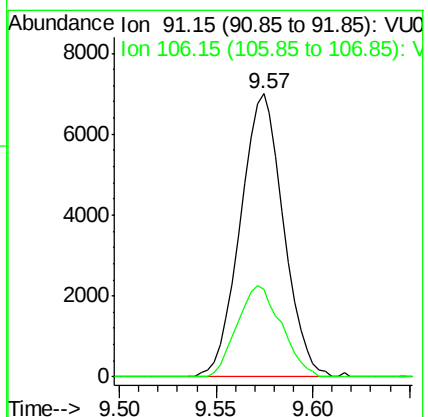
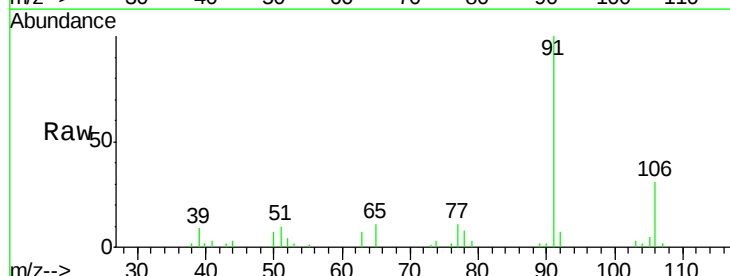
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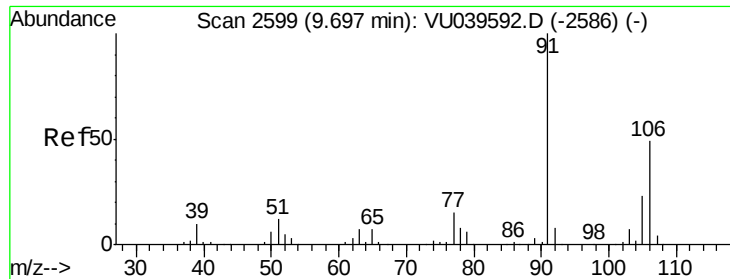
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#52
Ethylbenzene
Concen: 0.316 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. -0.00 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.3	39.6





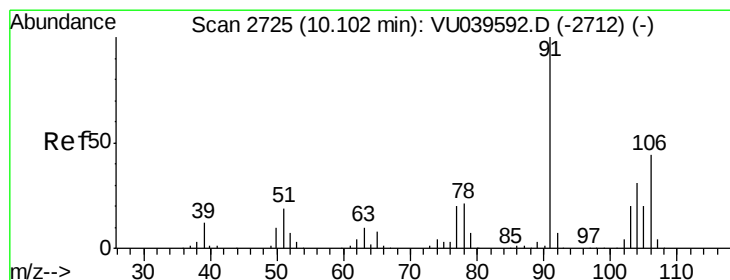
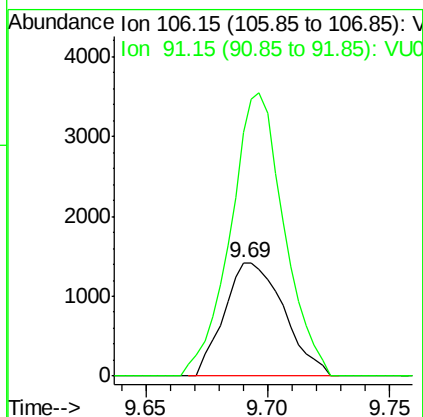
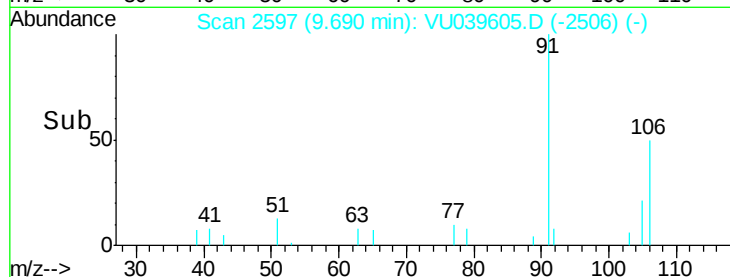
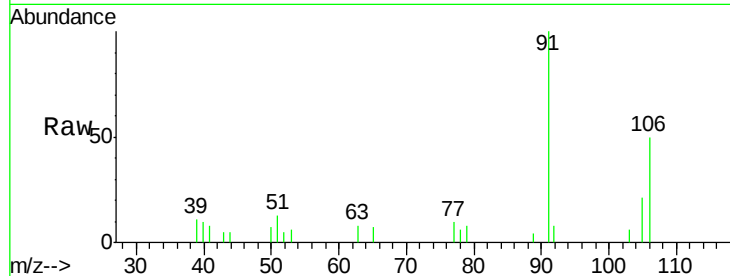
#53
m,p-Xylene
Concen: 0.188 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.01 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

Instrument :
MSVOA_U
ClientSampled :
GAY02

Tgt Ion:106 Resp: 2414
Ion Ratio Lower Upper
106 100
91 214.9 149.3 277.3

Manual Integrations
APPROVED

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7/27/2020 8:10:12 AM



#54
o-Xylene
Concen: 0.193 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

Tgt Ion:106 Resp: 2419
Ion Ratio Lower Upper
106 100
91 221.3 157.4 292.4

