

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 :

Quant Time: Jul 22 02:07:01 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

					Ovalue
13) Acetone	2.65	43	11679	8.272	ug/L 98
14) Carbon disulfide	2.81	76	1463	0.085	ug/L # 75
15) Methyl Acetate	2.98	43	2662	0.772	ug/L # 56
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
37) 1,2-Dichloropropane	6.70	63	5049	0.656	ug/L # 90
39) cis-1,3-Dichloropropene	7.57	75	1342	0.121	ug/L 87
42) Toluene	7.98	91	15879	0.524	ug/L 97
47) Tetrachloroethene	8.56	164	1777	0.341	ug/L # 85
48) 2-Hexanone	8.69	43	4100	0.922	ug/L # 92
49) Dibromochloromethane	8.56	129	1691	0.238	ug/L # 11
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
59) 1,2,3-Trichloropropane	11.81	75	8694	1.540	ug/L 94

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 :

Quant Time: Jul 22 02:07:01 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

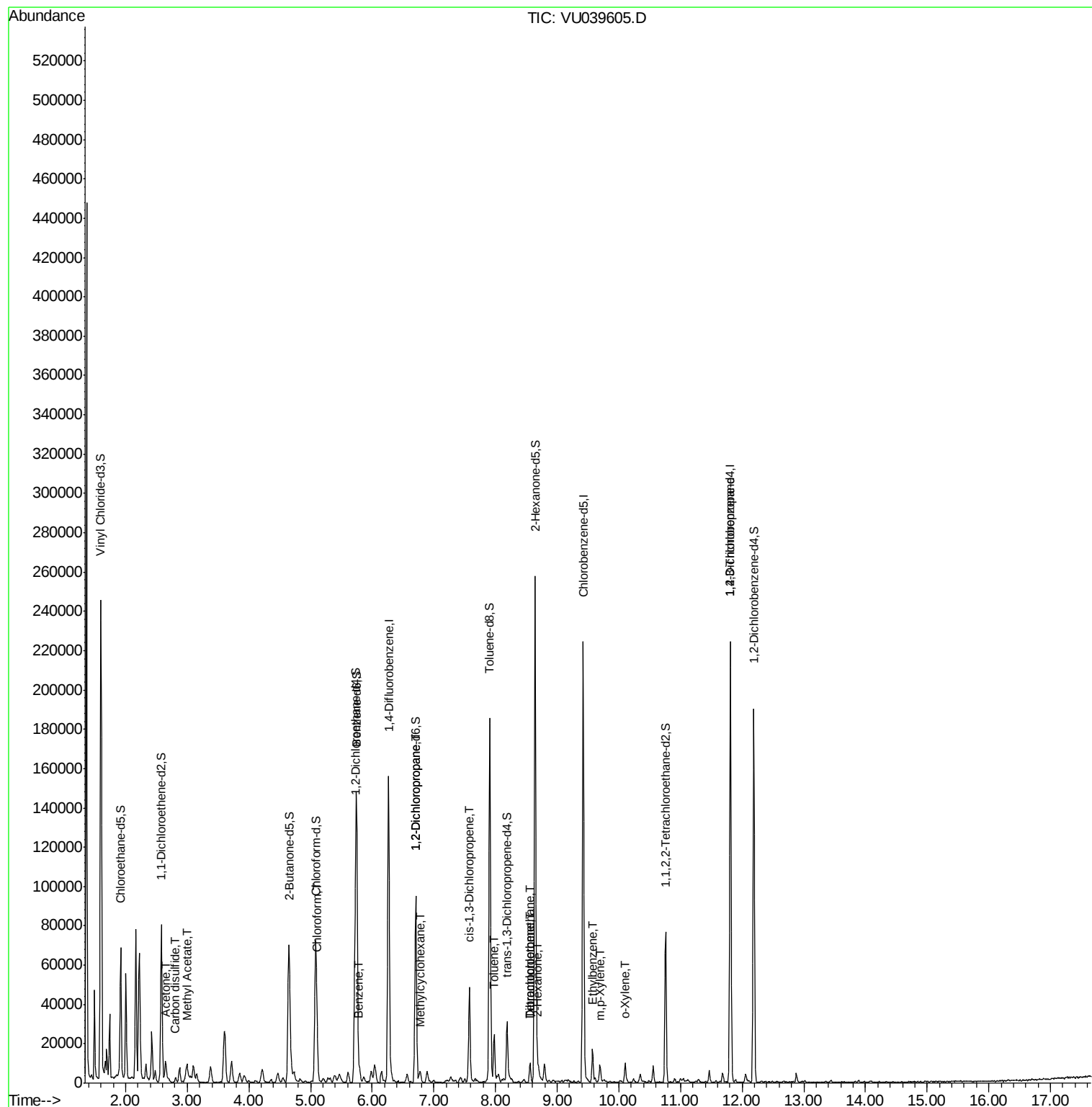
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

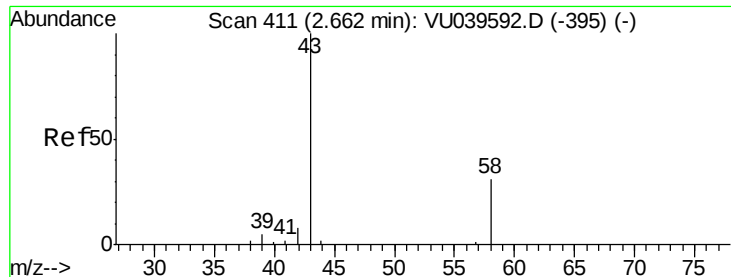
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

Quant Time: Jul 22 02:07:01 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

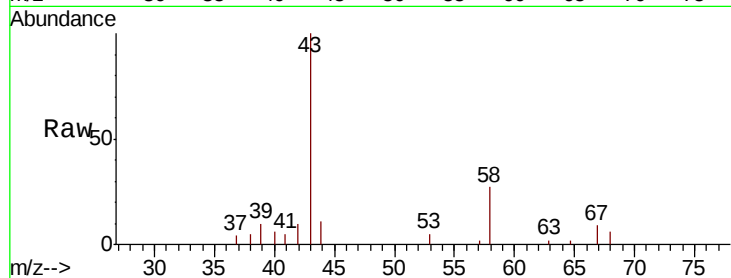
ClientSampleId :

Tot Ion: 43 Resp: 11679

Ion Ratio Lower Upper

43 100

58 28.5 0.0 59.0



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

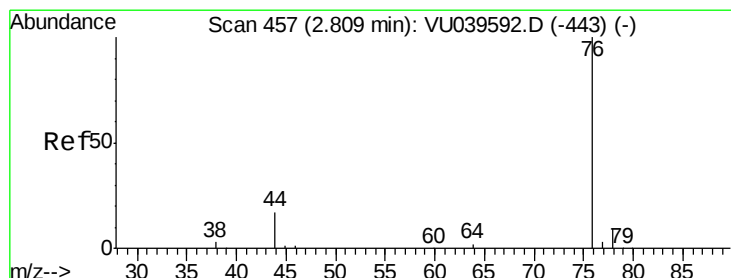
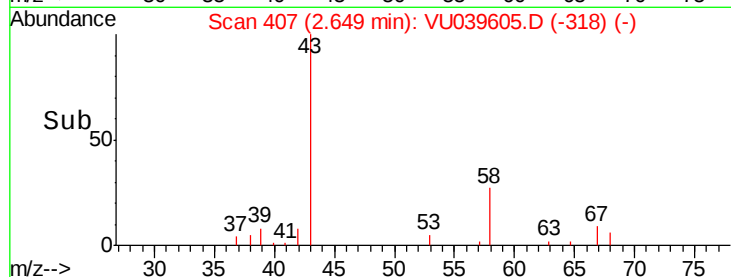
2000

1000

0

2.55 2.60 2.65 2.70 2.75

Time-->



#14

Carbon disulfide

Concen: 0.085 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039605.D

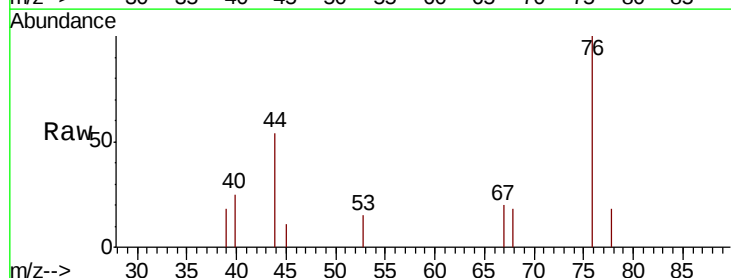
Acq: 21 Jul 2020 18:29

Tgt Ion: 76 Resp: 1463

Ion Ratio Lower Upper

76 100

78 17.9 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) (-)

2.81

1000

800

600

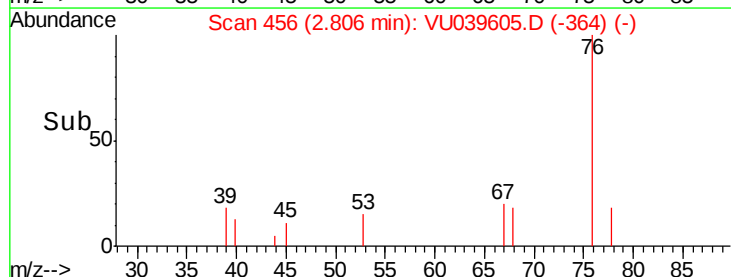
400

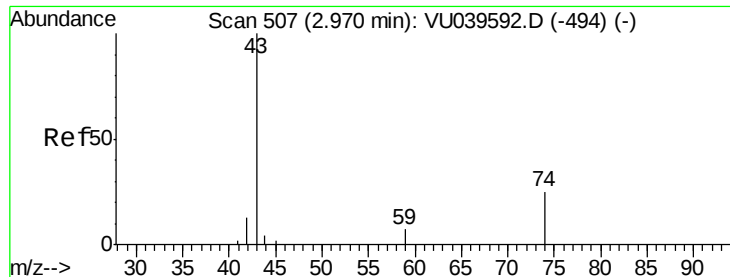
200

0

2.80 2.85

Time-->





#15

Methyl Acetate

Concen: 0.772 ug/L

RT: 2.98 min Scan# 511

Delta R.T. 0.01 min

Lab File: VU039605.D

Acq: 21 Jul 2020 18:29

Instrument :

MSVOA_U

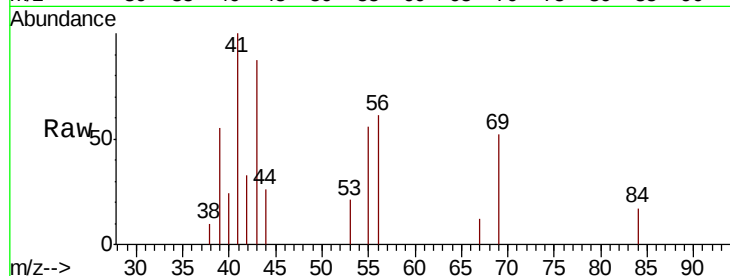
ClientSampled :

Tot Ion: 43 Resp: 2662

Ion Ratio Lower Upper

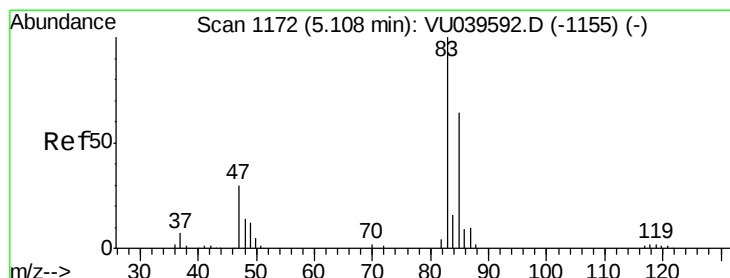
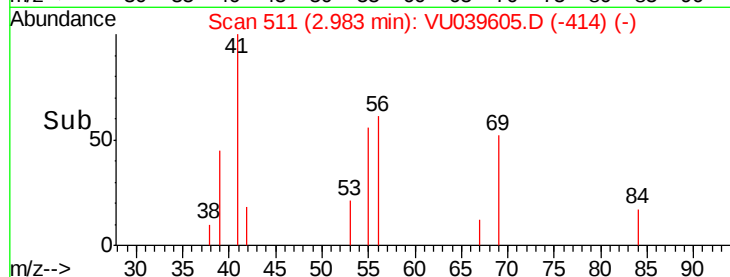
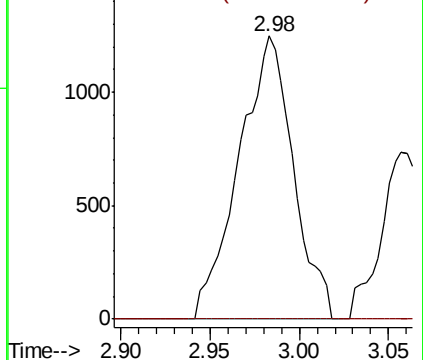
43 100

74 0.0 16.6 24.8#



Abundance Ion 43.05 (42.75 to 43.75): VU039592.D (-494) (-)

Ion 74.05 (73.75 to 74.75): VU039592.D (-494) (-)



#25

Chloroform

Concen: 0.438 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU039605.D

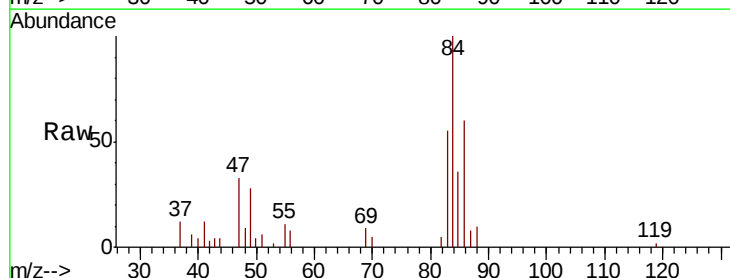
Acq: 21 Jul 2020 18:29

Tgt Ion: 83 Resp: 6512

Ion Ratio Lower Upper

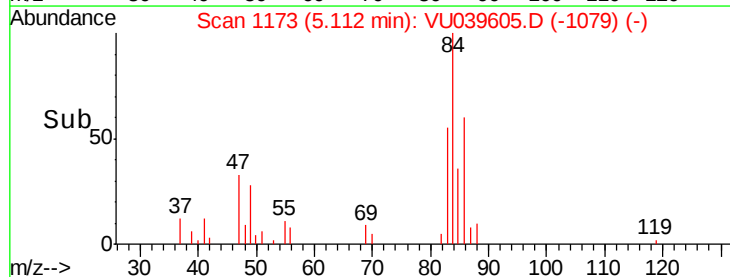
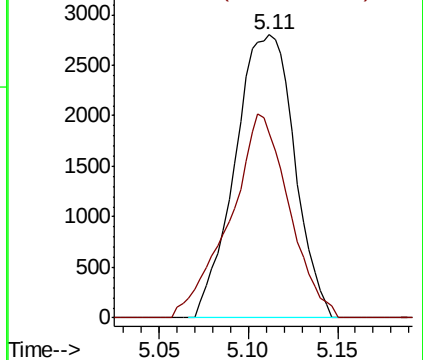
83 100

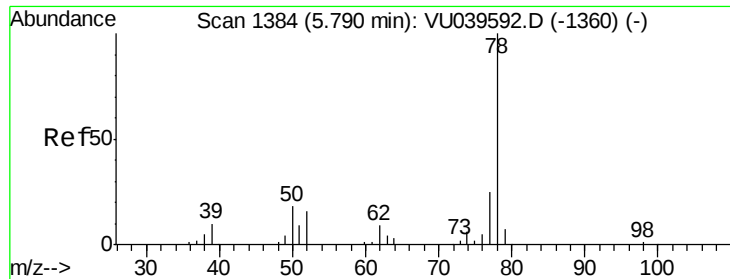
85 65.3 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VU039592.D (-1155) (-)

Ion 85.00 (84.70 to 85.70): VU039592.D (-1155) (-)

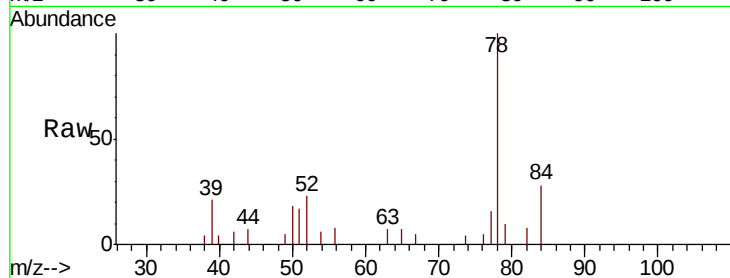




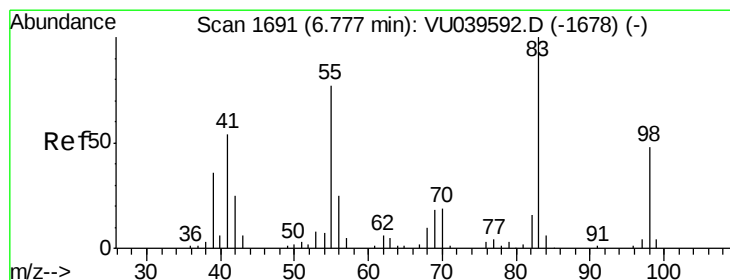
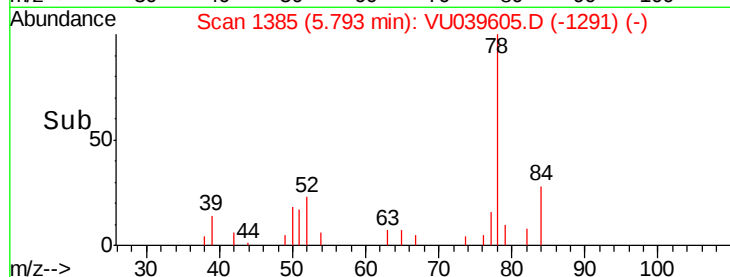
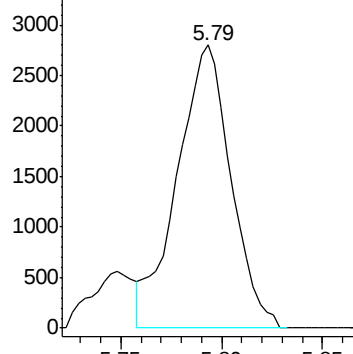
#33
Benzene
Concen: 0.189 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 5227

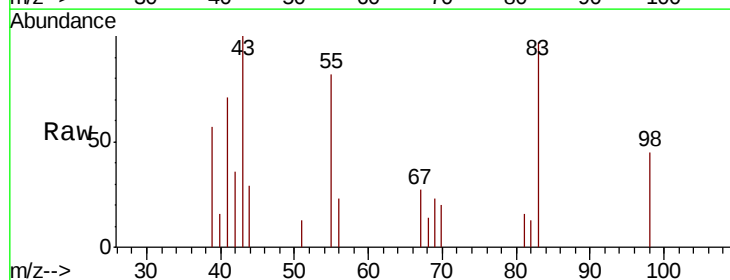


Abundance Ion 78.10 (77.80 to 78.80): VU0



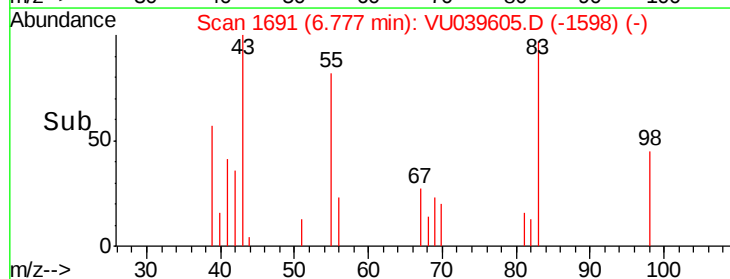
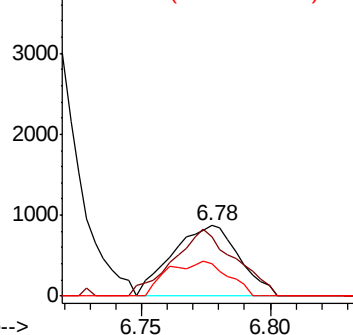
#35
Methylcyclohexane
Concen: 0.140 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

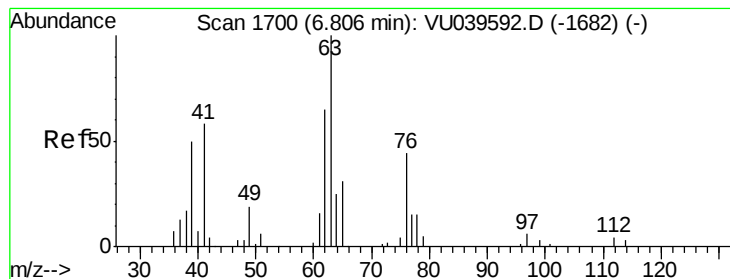
Tgt Ion: 83 Resp: 1570
Ion Ratio Lower Upper
83 100
55 87.8 63.0 94.6
98 44.1 35.3 52.9



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU039605.D

Acq: 21 Jul 2020 18:29

Instrument :

MSVOA_U

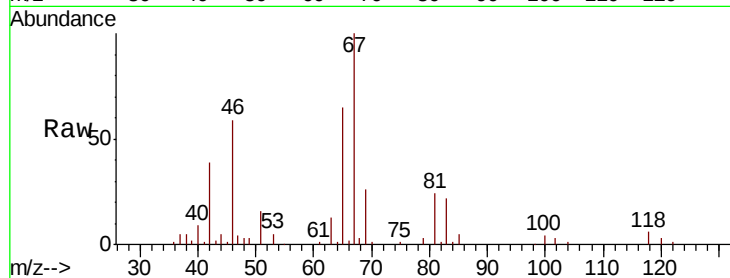
ClientSampleId :

Tot Ion: 63 Resp: 5049

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU039592.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU039592.D (-1682) (-)

6.70

2500

2000

1500

1000

500

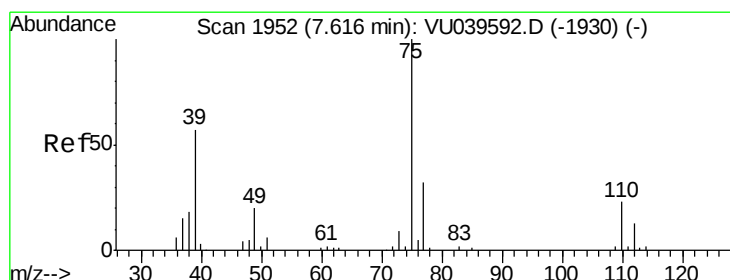
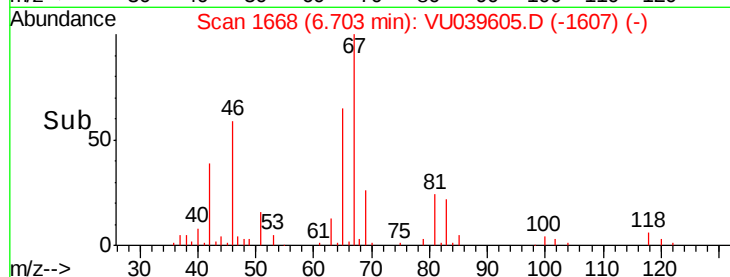
0

6.65

6.70

6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.05 min

Lab File: VU039605.D

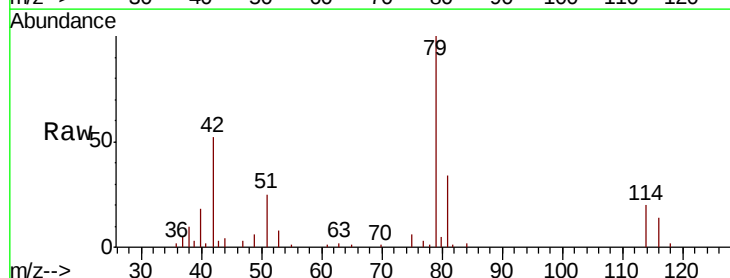
Acq: 21 Jul 2020 18:29

Tgt Ion: 75 Resp: 1342

Ion Ratio Lower Upper

75 100

77 40.4 23.2 43.0



Abundance Ion 75.05 (74.75 to 75.75): VU039592.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU039592.D (-1930) (-)

7.57

1000

800

600

400

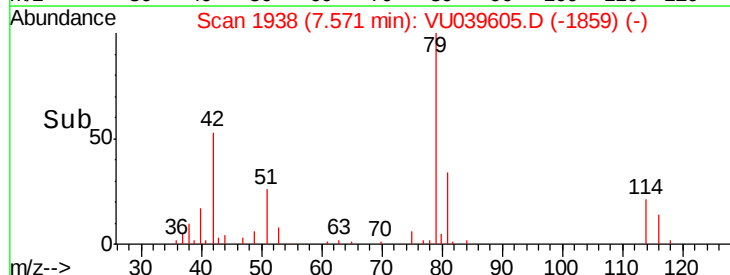
200

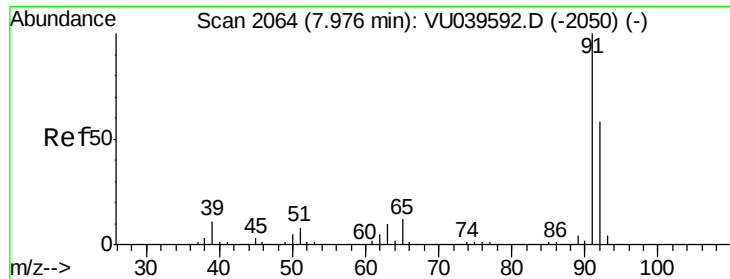
0

7.55

7.60

Time-->





#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

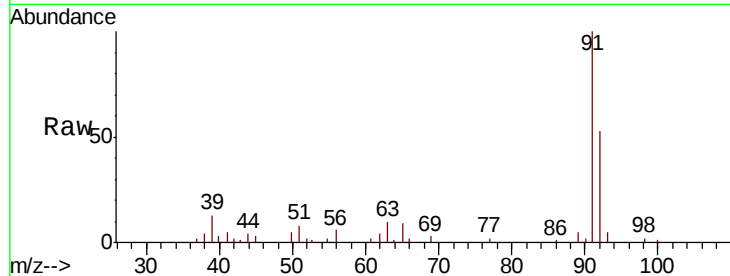
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 15879

Ion Ratio Lower Upper

91 100

92 53.0 38.6 71.6



Abundance Ion 91.15 (90.85 to 91.85): VU039592.D (-2050) (-)

Ion 92.15 (91.85 to 92.85): VU039592.D (-2050) (-)

7.98

10000

8000

6000

4000

2000

0

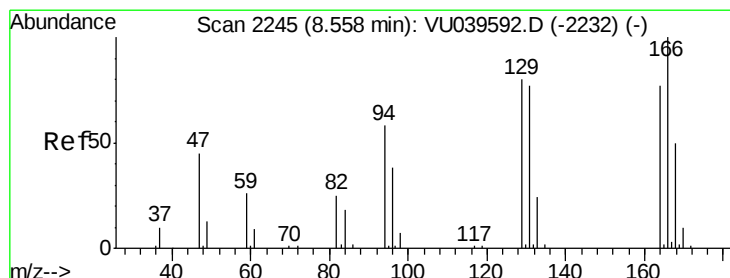
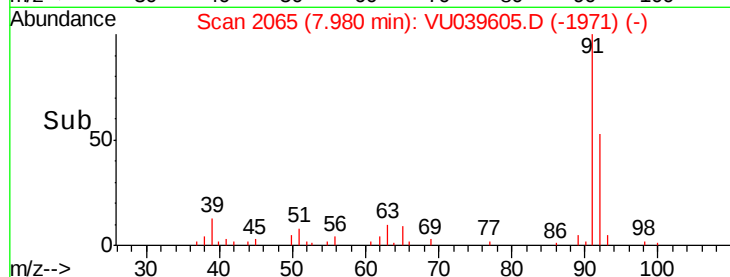
Time-->

7.90

7.95

8.00

8.05



#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

Tgt Ion:164 Resp: 1777

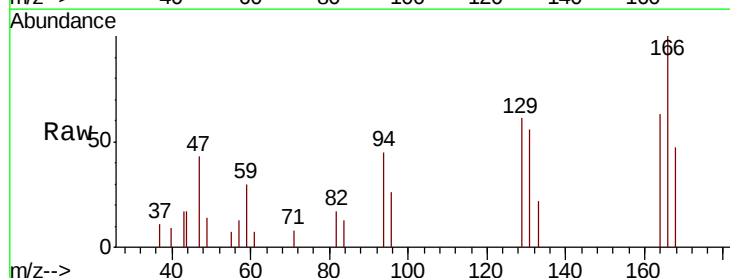
Ion Ratio Lower Upper

164 100

129 97.9 67.9 126.1

131 88.6 64.7 120.1

166 159.3 85.1 158.1#



Abundance Ion 163.90 (163.60 to 164.60): VU039592.D (-2232) (-)

Ion 128.95 (128.65 to 129.65): VU039592.D (-2232) (-)

Ion 130.95 (130.65 to 131.65): VU039592.D (-2232) (-)

Ion 165.90 (165.60 to 166.60): VU039592.D (-2232) (-)

2500

2000

1500

1000

500

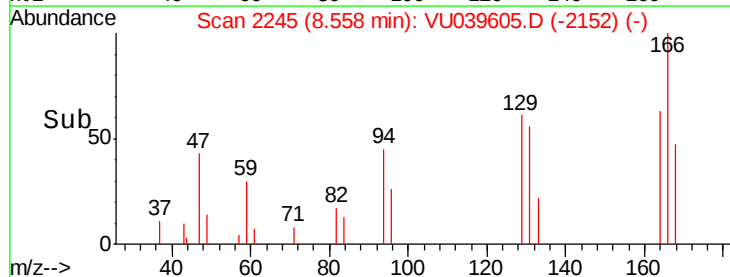
0

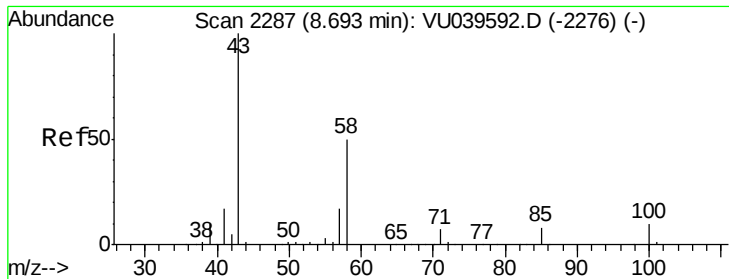
Time-->

8.50

8.55

8.60

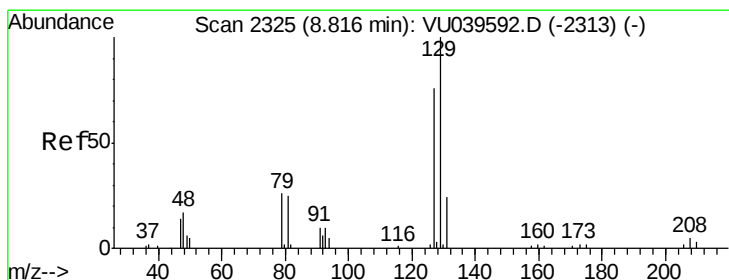
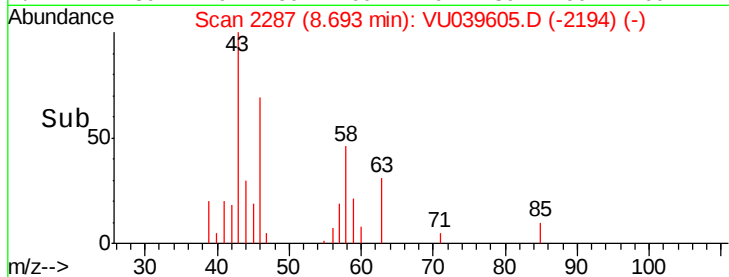
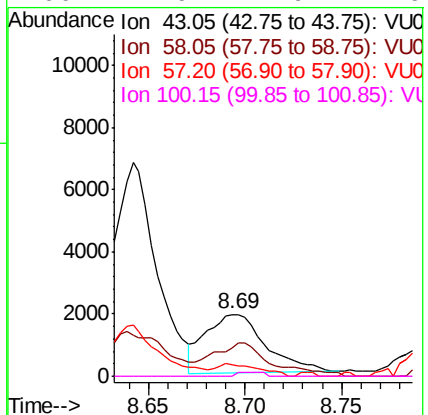
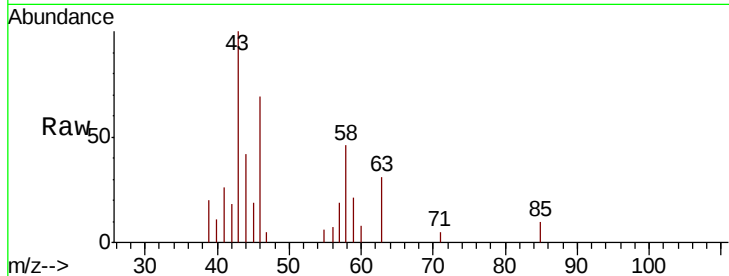




#48
2-Hexanone
Concen: 0.922 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. -0.00 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

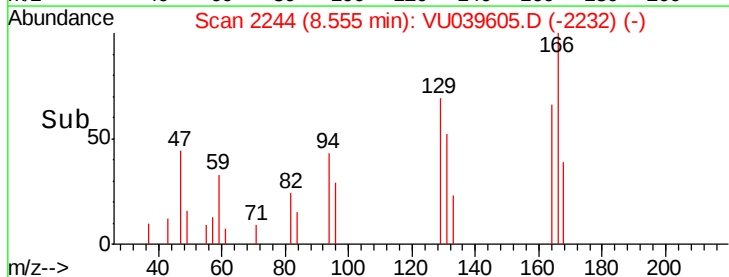
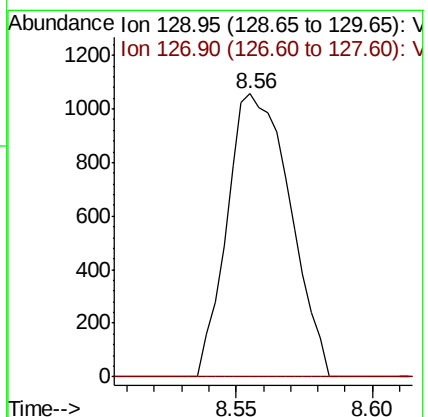
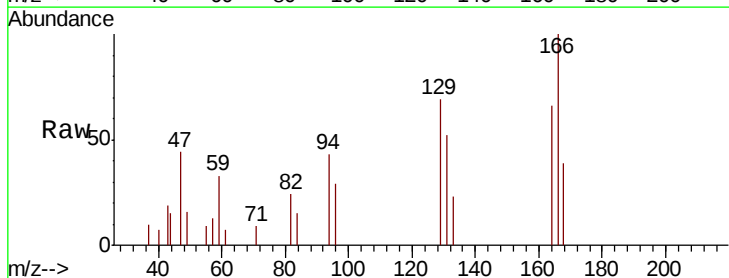
Instrument :
MSVOA_U
ClientSampleId :

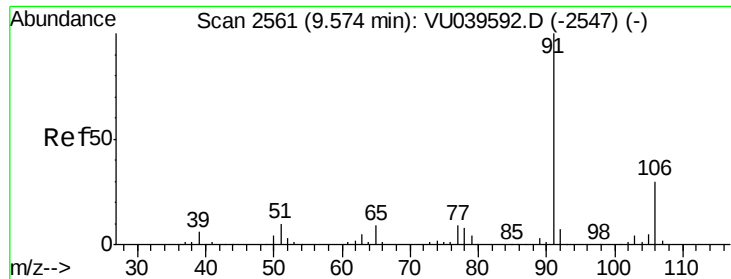
Tot Ion:	43	Resp:	4100
Ion	Ratio	Lower	Upper
43	100		
58	55.4	40.9	61.3
57	15.4	14.6	21.8
100	2.9	7.9	11.9#



#49
Dibromochloromethane
Concen: 0.238 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

Tgt Ion:	129	Resp:	1691
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#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

Instrument :

MSVOA_U

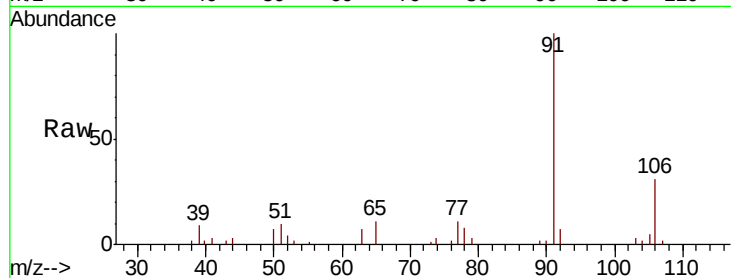
ClientSampleId :

Tot Ion: 91 Resp: 10868

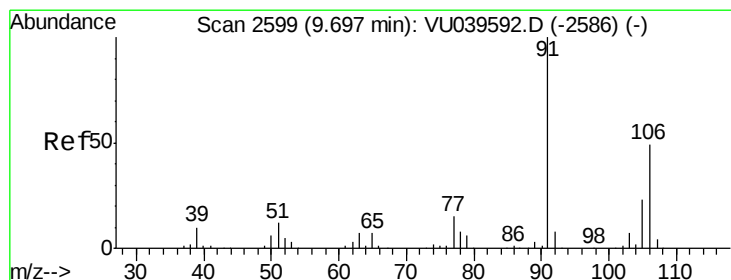
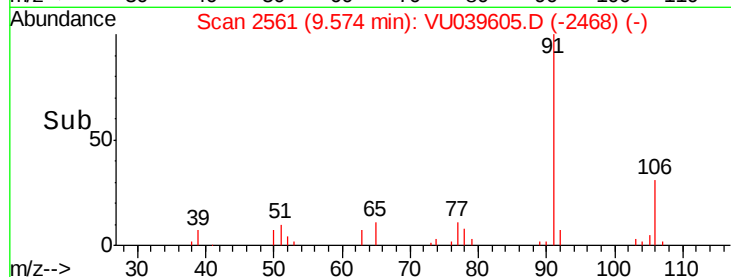
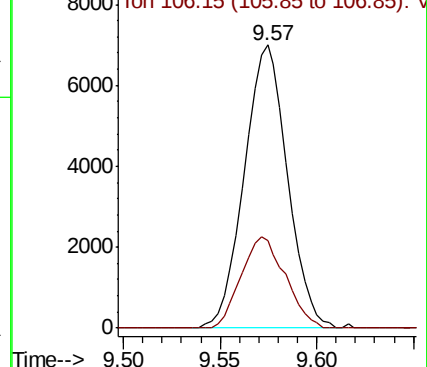
Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU039592.D (-2547) (-)



#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

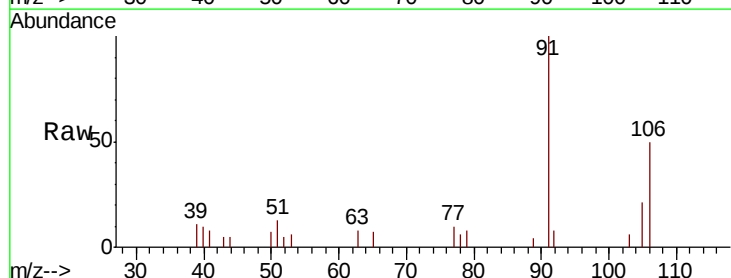
Acq: 21 Jul 2020 18:29

Tgt Ion: 106 Resp: 2414

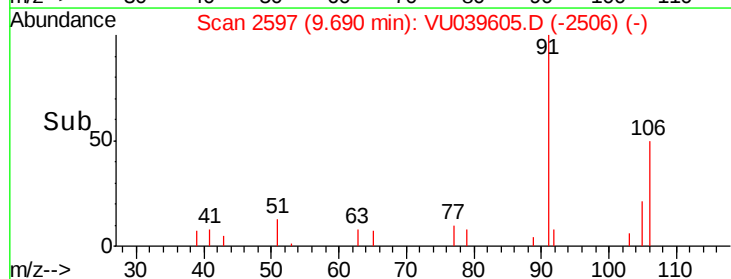
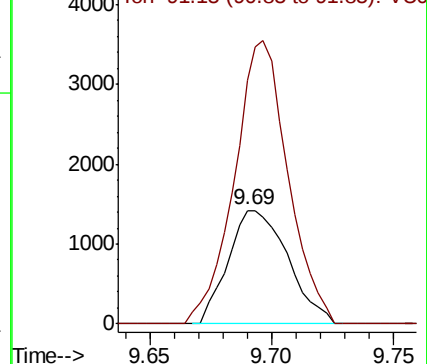
Ion Ratio Lower Upper

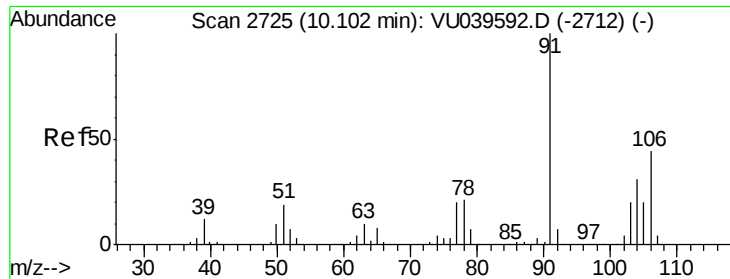
106 100

91 214.9 149.3 277.3



Abundance Ion 106.15 (105.85 to 106.85): VU039592.D (-2586) (-)

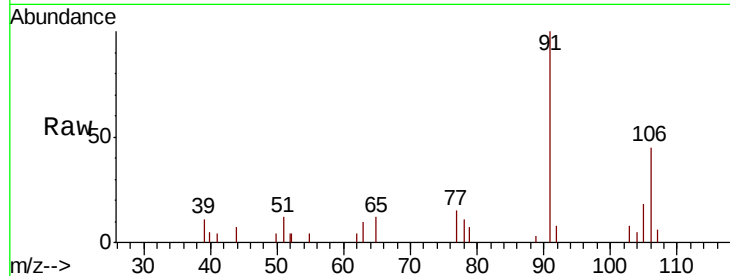




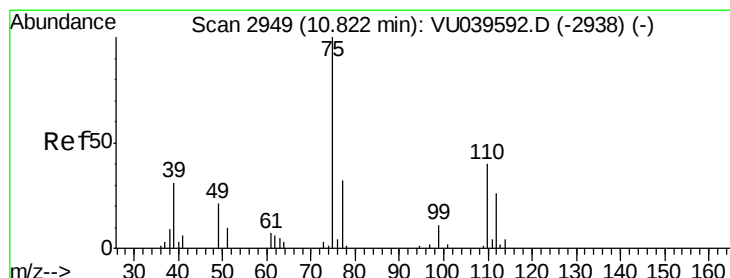
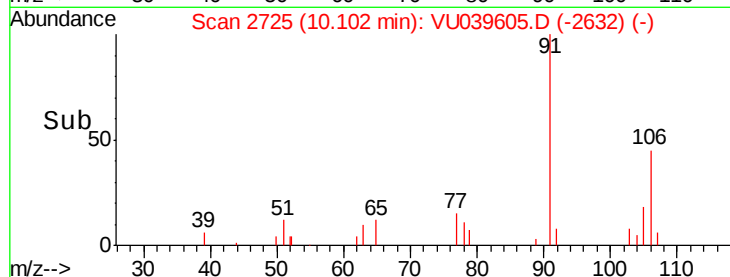
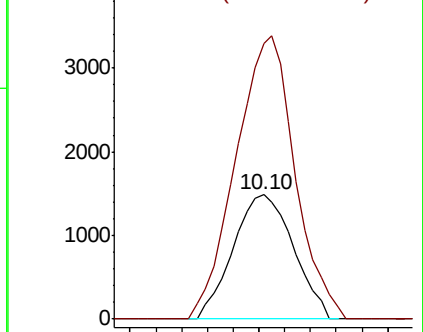
#54
o-Xylene
Concen: 0.193 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

Instrument :
MSVOA_U
ClientSampled :

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

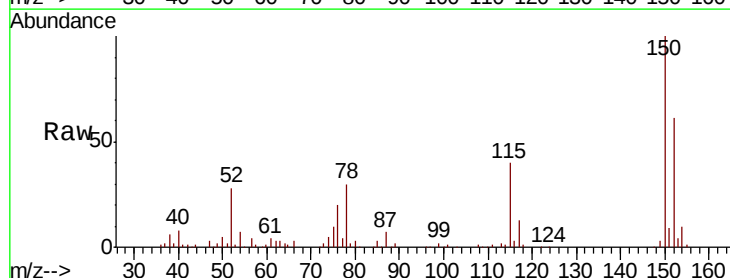


Abundance Ion 106.15 (105.85 to 106.85): VU039592.D (-2712) (-)
Ion 91.15 (90.85 to 91.85): VU039592.D (-2712) (-)



#59
1,2,3-Trichloropropane
Concen: 1.540 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039605.D
Acq: 21 Jul 2020 18:29

Tgt Ion: 75 Resp: 8694
Ion Ratio Lower Upper
75 100
77 35.2 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU039592.D (-2938) (-)
Ion 77.00 (76.70 to 77.70): VU039592.D (-2938) (-)

