

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038625.D
 Acq On : 06 Jun 2020 18:25
 Operator : SY/MD
 Sample : L2910-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D53

Quant Time: Jun 07 06:02:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 04:01:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	324729	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	320818	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	164574	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63764	3.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.60%
7) Chloroethane-d5	1.93	69	59690	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.00%
11) 1,1-Dichloroethene-d2	2.59	63	110110	2.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.20%#
20) 2-Butanone-d5	4.67	46	346202	54.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.46%
24) Chloroform-d	5.10	84	174012	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.74	65	103321	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.76	84	342312	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.72	67	109668	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.92	98	284503	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.20	79	44382	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.65	63	287194	54.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104892	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	129998	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

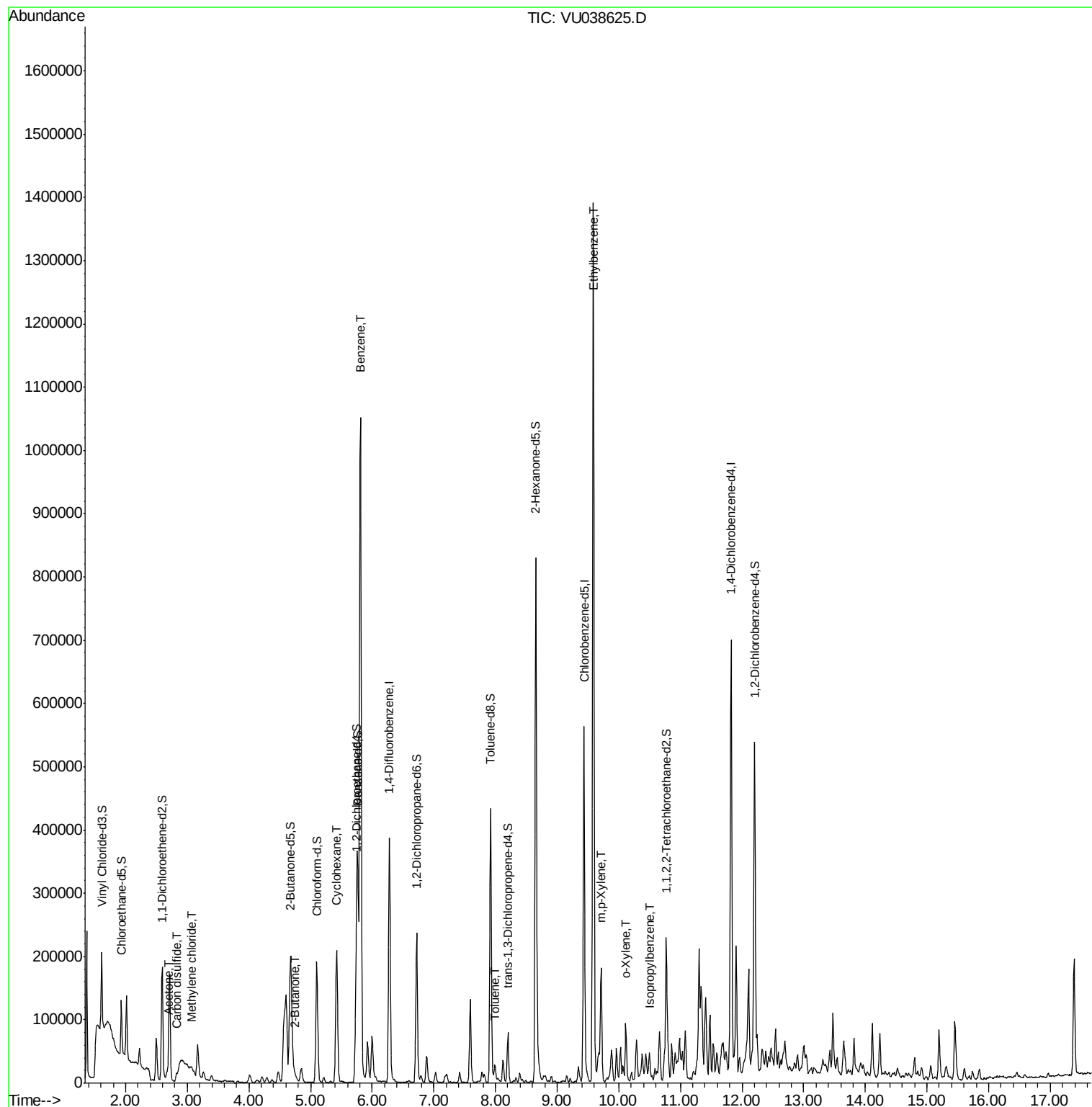
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	25633	6.135	ug/L	82
14) Carbon disulfide	2.83	76	16335	0.241	ug/L	95
16) Methylene chloride	3.08	84	3856	0.170	ug/L	97
21) 2-Butanone	4.75	43	9014	1.283	ug/L	99
30) Cyclohexane	5.42	56	107348	3.016	ug/L	97
33) Benzene	5.81	78	1003545	11.217	ug/L	100
42) Toluene	7.99	91	16995	0.181	ug/L	98
52) Ethylbenzene	9.59	91	992220	9.504	ug/L	99
53) m,p-Xylene	9.71	106	46075	1.148	ug/L	93
54) o-Xylene	10.11	106	24850	0.645	ug/L	95
56) Isopropylbenzene	10.50	105	26436	0.261	ug/L	95

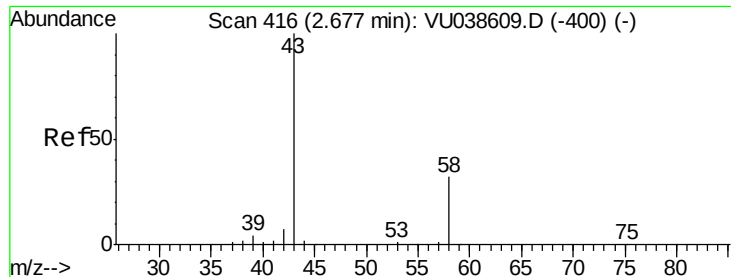
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.135 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.00 min

Lab File: VU038625.D

Acq: 06 Jun 2020 18:25

Instrument :

MSVOA_U

ClientSampleId :

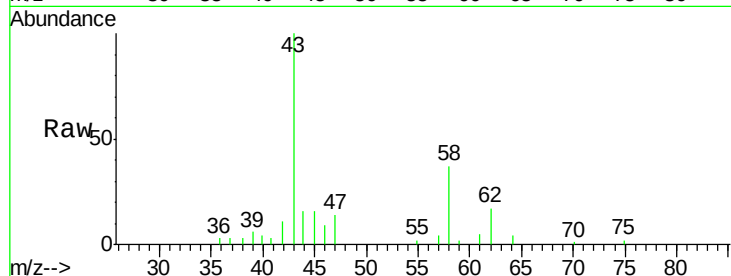
F9D53

Tot Ion: 43 Resp: 25633

Ion Ratio Lower Upper

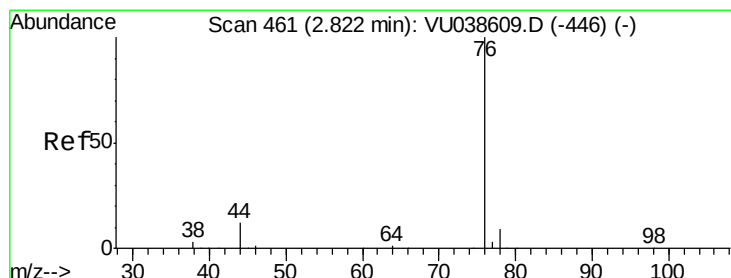
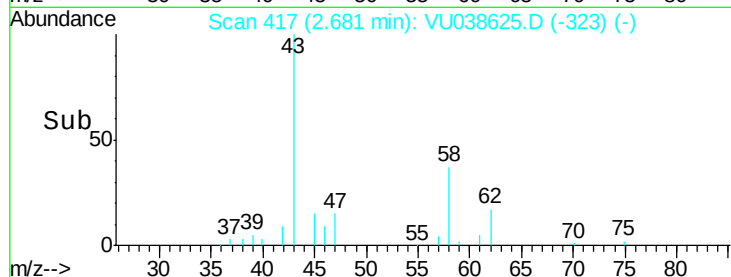
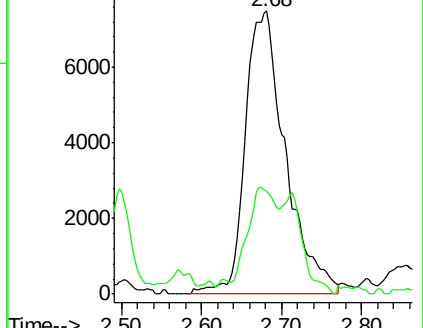
43 100

58 22.9 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038609.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038609.D (-400) (-)



#14

Carbon disulfide

Concen: 0.241 ug/L

RT: 2.83 min Scan# 463

Delta R.T. 0.01 min

Lab File: VU038625.D

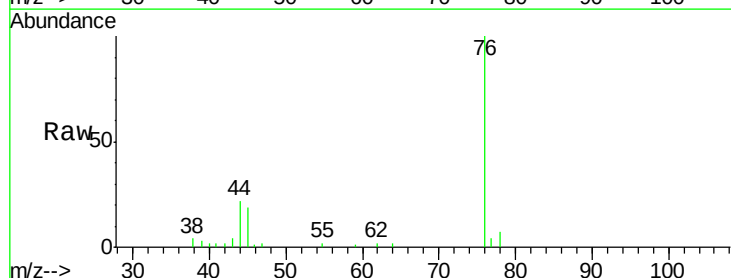
Acq: 06 Jun 2020 18:25

Tgt Ion: 76 Resp: 16335

Ion Ratio Lower Upper

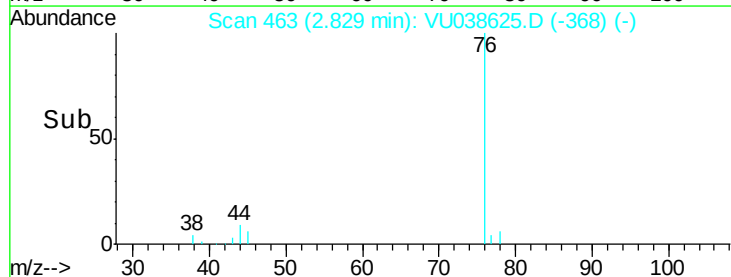
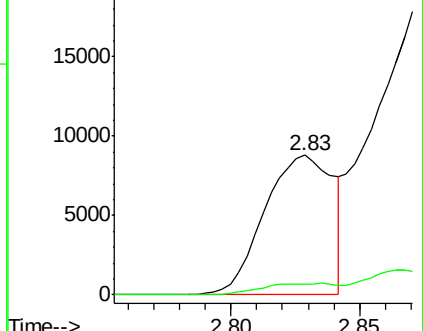
76 100

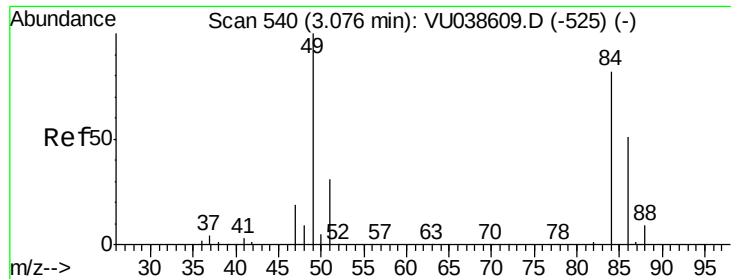
78 7.3 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU038609.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU038609.D (-446) (-)

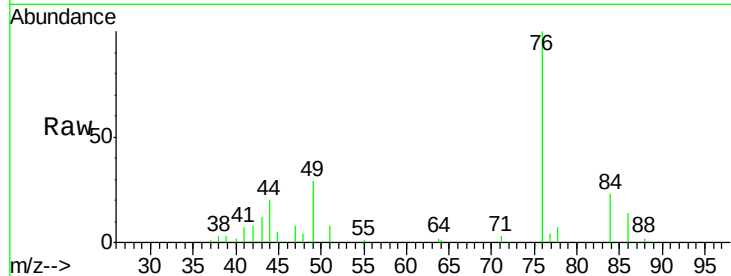




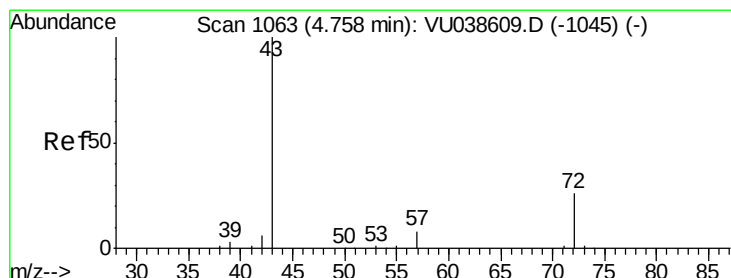
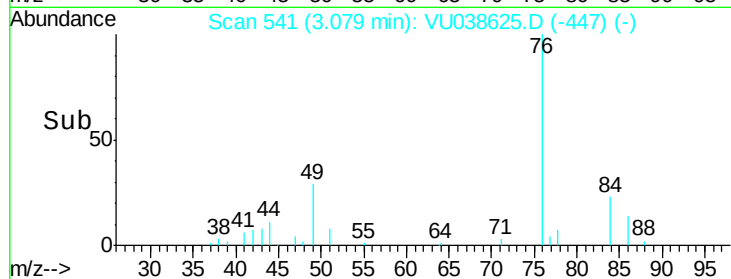
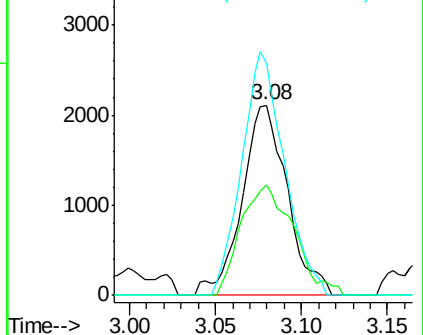
#16
Methylene chloride
Concen: 0.170 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038625.D
Acq: 06 Jun 2020 18:25

Instrument :
MSVOA_U
ClientSampleId :
F9D53

Tot Ion: 84 Resp: 3856
Ion Ratio Lower Upper
84 100
86 58.1 45.0 83.6
49 122.4 85.5 158.9

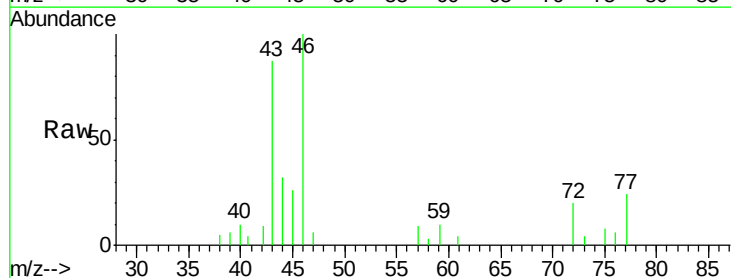


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

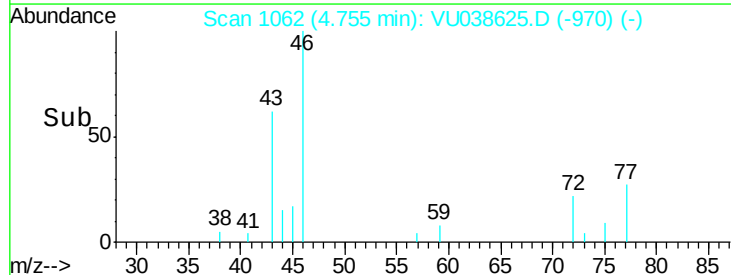
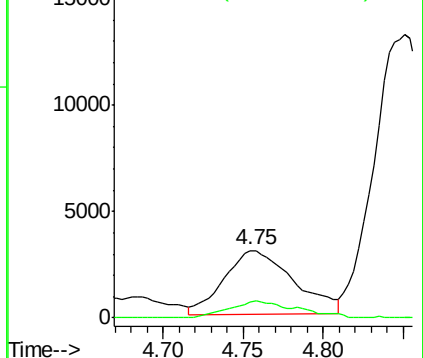


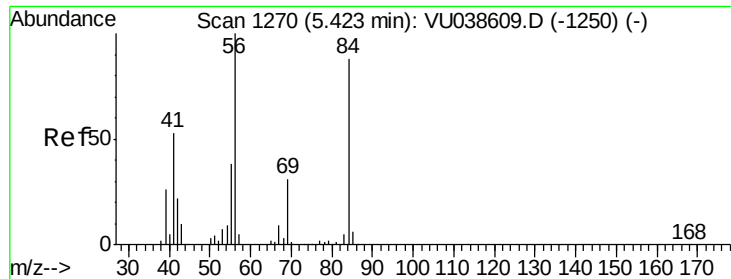
#21
2-Butanone
Concen: 1.283 ug/L
RT: 4.75 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VU038625.D
Acq: 06 Jun 2020 18:25

Tgt Ion: 43 Resp: 9014
Ion Ratio Lower Upper
43 100
72 25.7 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0

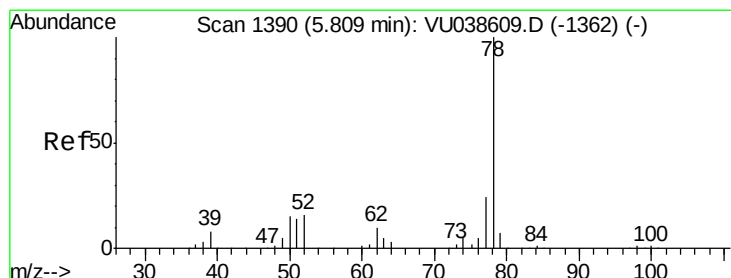
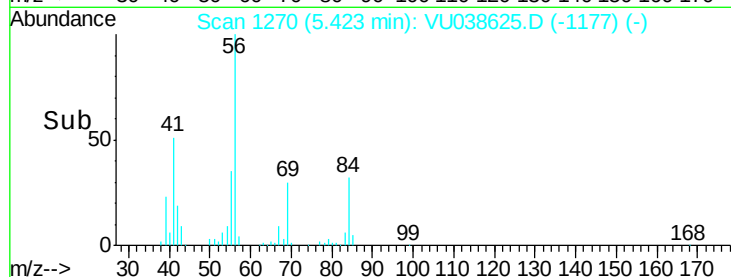
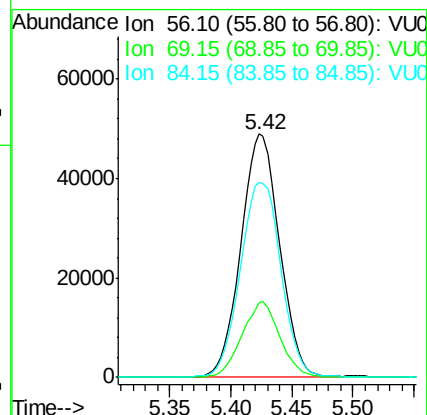
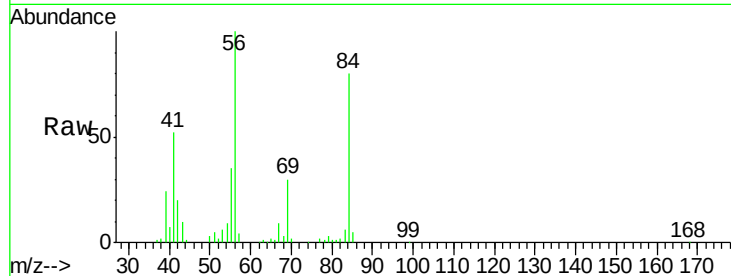




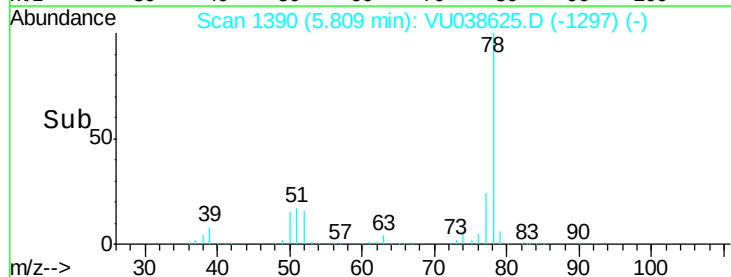
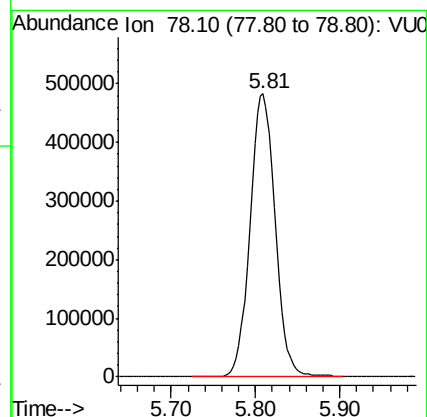
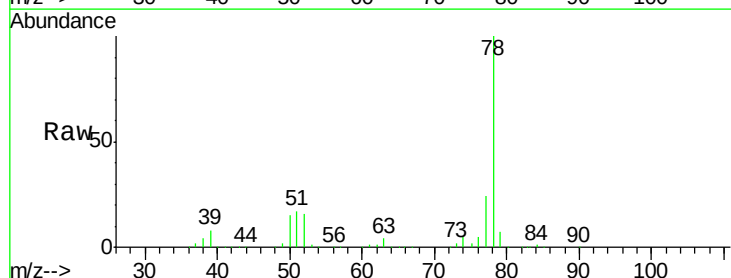
#30
Cyclohexane
Concen: 3.016 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038625.D
Acq: 06 Jun 2020 18:25

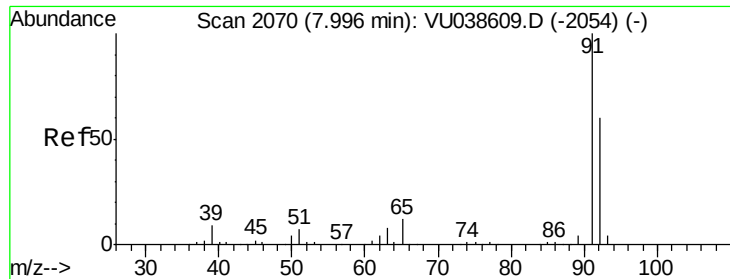
Instrument :
MSVOA_U
ClientSampleId :
F9D53

Tot Ion: 56 Resp: 107348
Ion Ratio Lower Upper
56 100
69 30.5 24.2 36.4
84 84.5 70.8 106.2



#33
Benzene
Concen: 11.217 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038625.D
Acq: 06 Jun 2020 18:25
Tgt Ion: 78 Resp: 1003545





#42

Toluene

Concen: 0.181 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038625.D

Acq: 06 Jun 2020 18:25

Instrument :

MSVOA_U

ClientSampled :

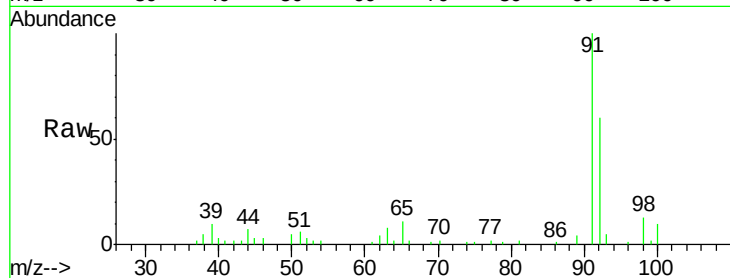
F9D53

Tot Ion: 91 Resp: 16995

Ion Ratio Lower Upper

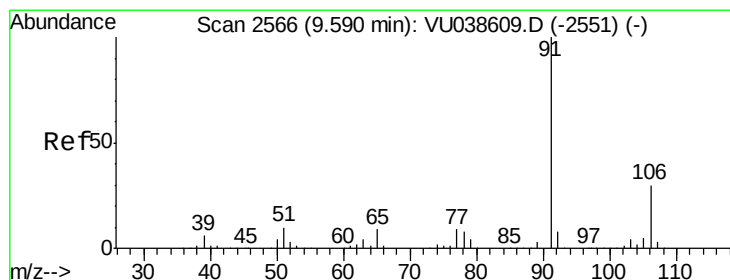
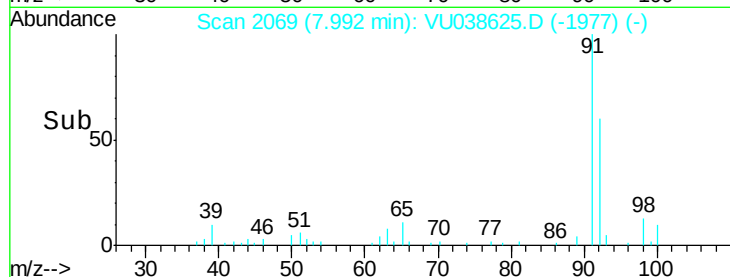
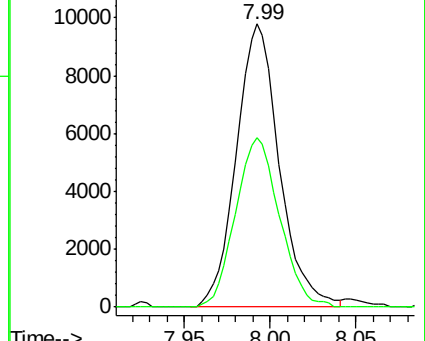
91 100

92 59.9 43.0 79.8



Abundance Ion 91.15 (90.85 to 91.85): VU038609.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038609.D (-2054) (-)



#52

Ethylbenzene

Concen: 9.504 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038625.D

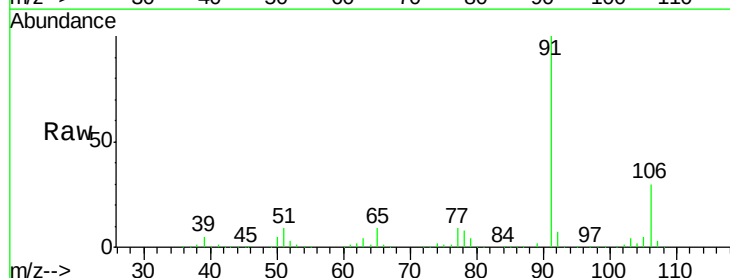
Acq: 06 Jun 2020 18:25

Tgt Ion: 91 Resp: 992220

Ion Ratio Lower Upper

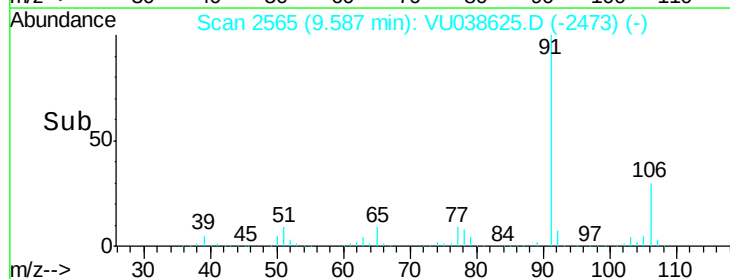
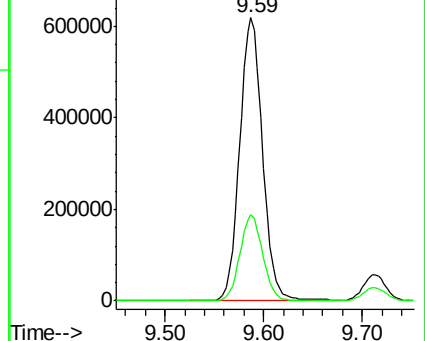
91 100

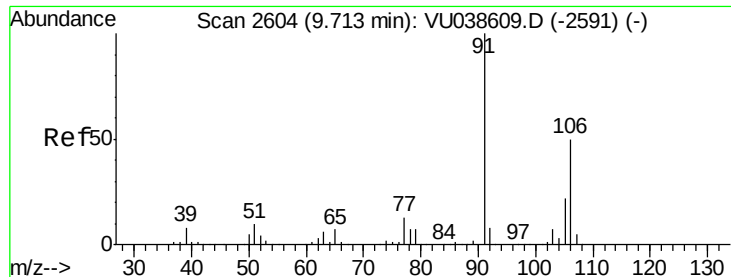
106 30.3 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VU038609.D (-2551) (-)

Ion 106.15 (105.85 to 106.85): VU038609.D (-2551) (-)





#53

m,p-Xylene

Concen: 1.148 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU038625.D

Acq: 06 Jun 2020 18:25

Instrument :

MSVOA_U

ClientSampleId :

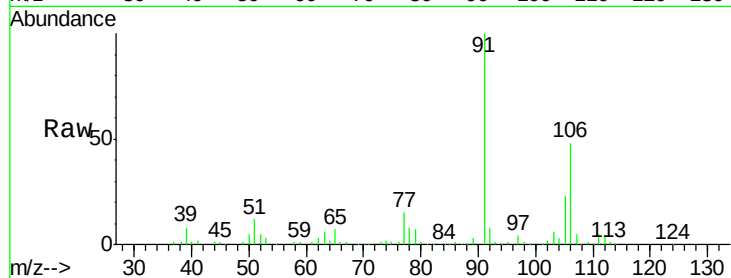
F9D53

Tot Ion:106 Resp: 46075

Ion Ratio Lower Upper

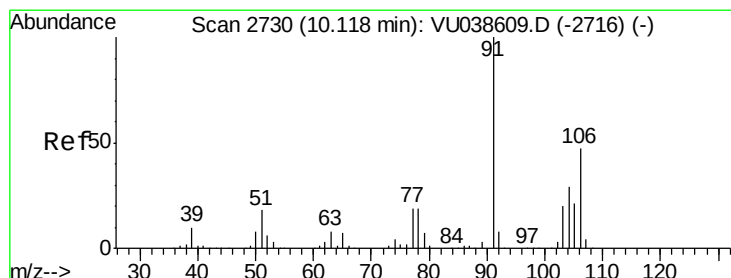
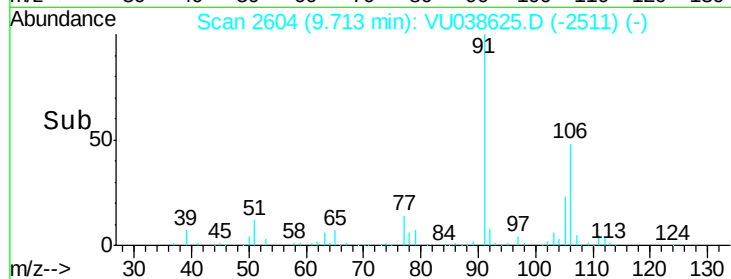
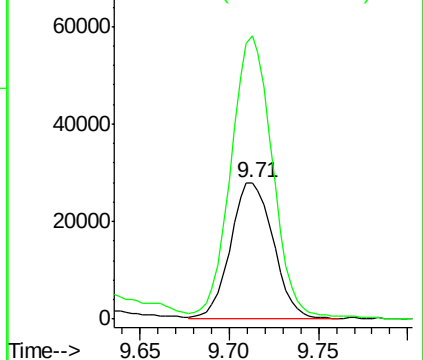
106 100

91 207.7 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.645 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU038625.D

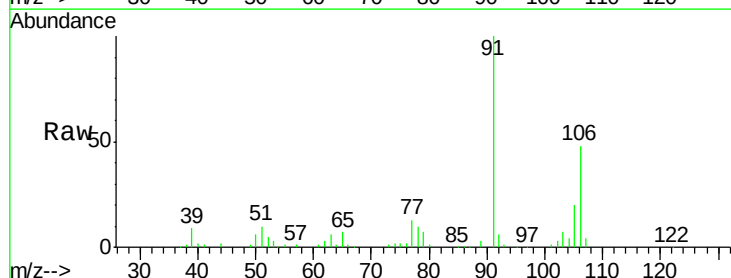
Acq: 06 Jun 2020 18:25

Tgt Ion:106 Resp: 24850

Ion Ratio Lower Upper

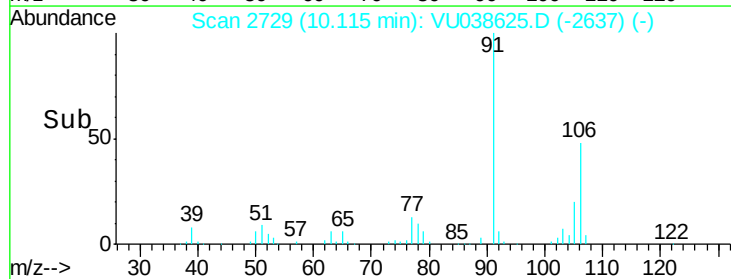
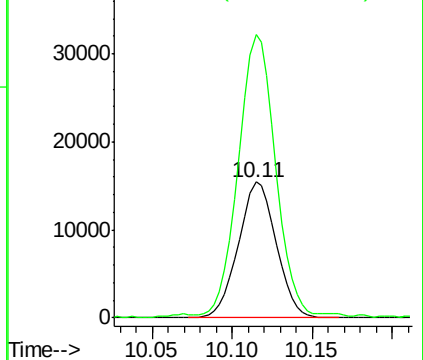
106 100

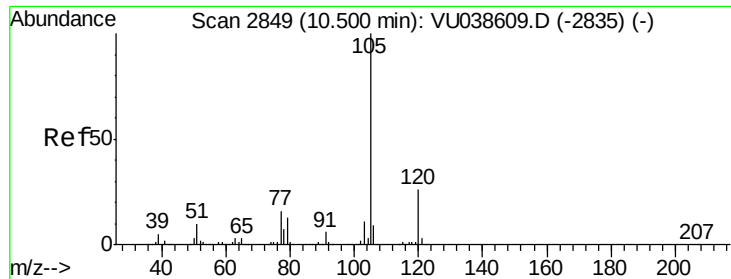
91 208.0 150.6 279.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#56

Isopropylbenzene

Concen: 0.261 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.00 min

Lab File: VU038625.D

Acq: 06 Jun 2020 18:25

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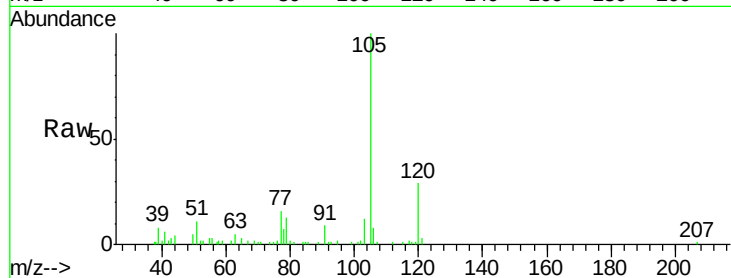
Tot Ion:105 Resp: 26436

Ion Ratio Lower Upper

105 100

120 28.1 20.7 31.1

77 17.8 12.5 18.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU

