

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090820\
 Data File : VU040052.D
 Acq On : 08 Sep 2020 14:27
 Operator : SY/MD
 Sample : L3933-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW292

Quant Time: Sep 09 01:37:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 09 01:36:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136465	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	137306	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	64600	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29623	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.92	69	28579	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.58	63	54971	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.65	46	154002	51.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.34%
24) Chloroform-d	5.08	84	79462	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	50399	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.74	84	148187	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	49077	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.91	98	127570	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.19	79	21142	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.64	63	119938	52.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46455	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	51656	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

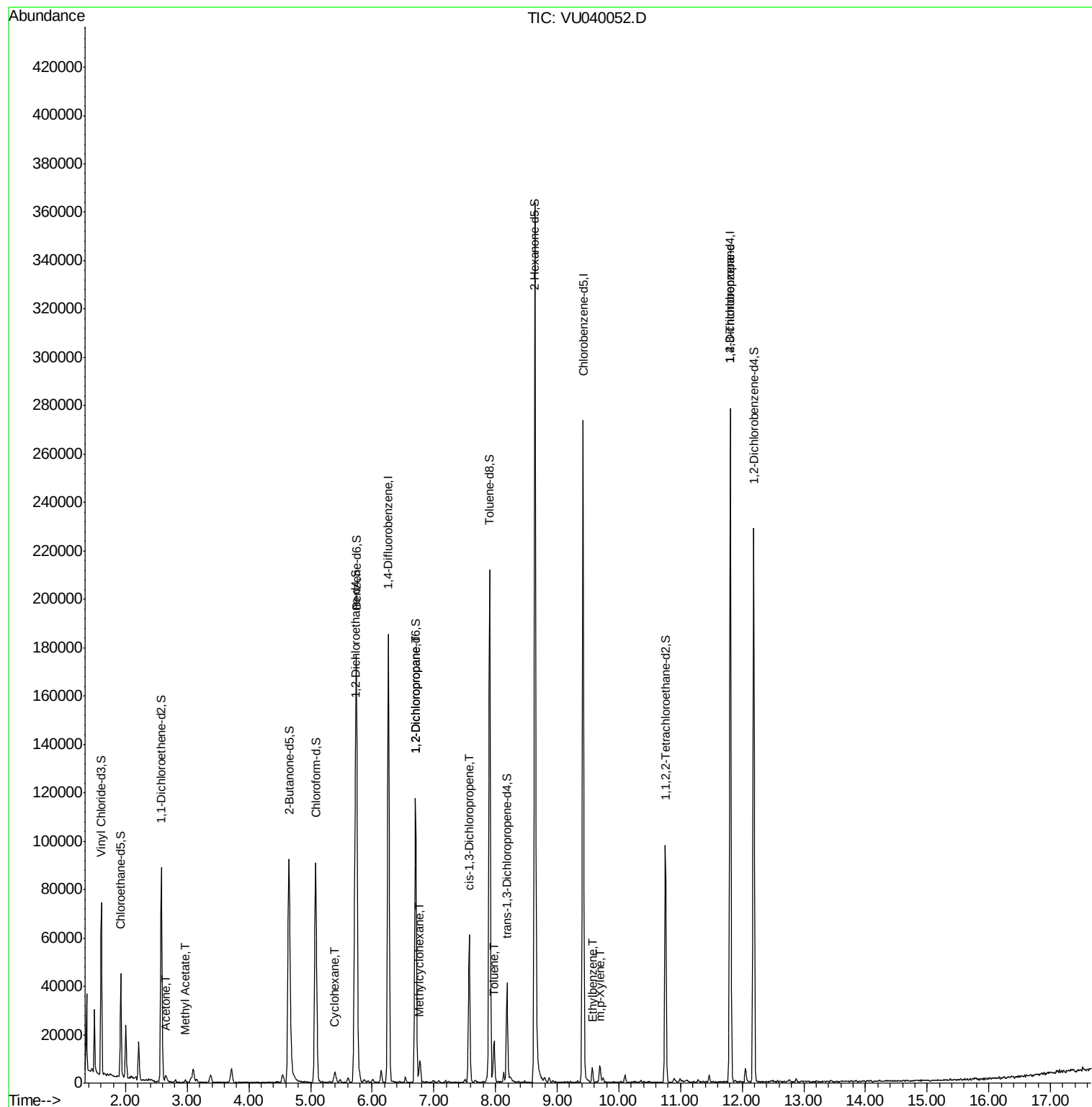
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	3952	1.432	ug/L	90
15) Methyl Acetate	2.97	43	1155	0.167	ug/L #	78
30) Cyclohexane	5.40	56	1665	0.080	ug/L #	60
35) Methylcyclohexane	6.77	83	3060	0.152	ug/L	95
37) 1,2-Dichloropropane	6.70	63	6306	0.474	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1649	0.084	ug/L #	60
42) Toluene	7.98	91	10761	0.213	ug/L	90
52) Ethylbenzene	9.57	91	4611	0.080	ug/L	99
53) m,p-Xylene	9.69	106	1887	0.092	ug/L	99
59) 1,2,3-Trichloropropane	11.81	75	9695	0.984	ug/L	92

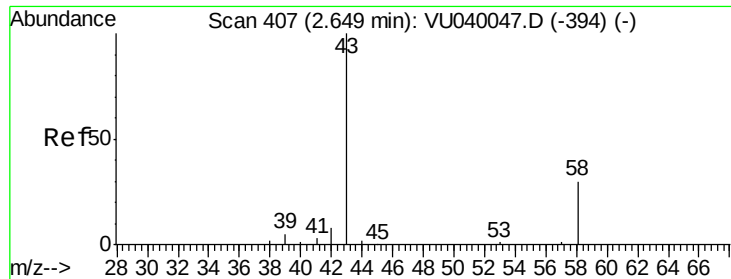
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.432 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU040052.D

Acq: 08 Sep 2020 14:27

Instrument :

MSVOA_U

ClientSampleId :

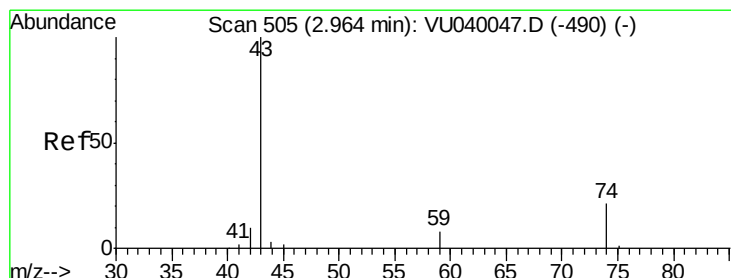
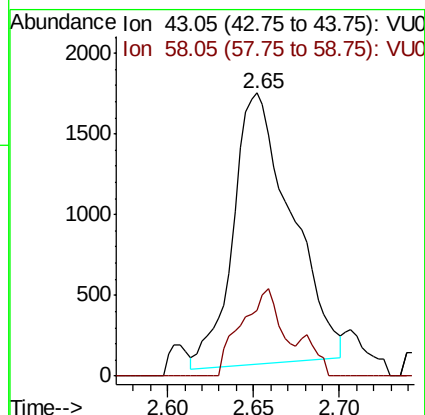
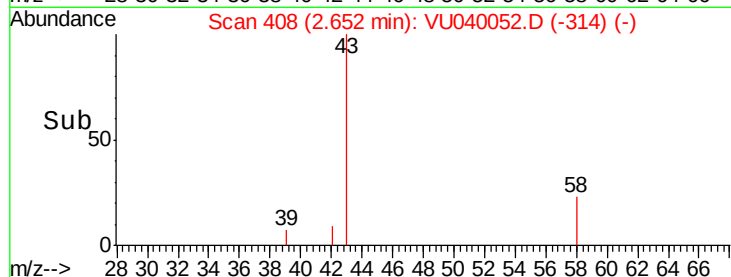
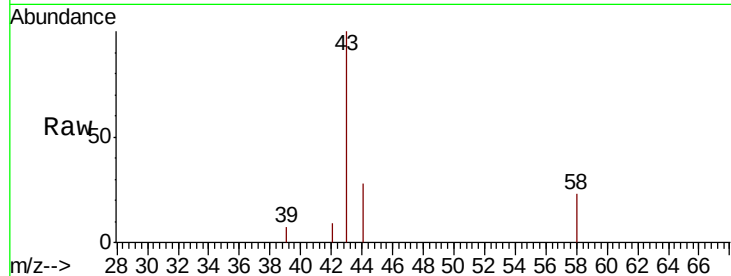
EW292

Tot Ion: 43 Resp: 3952

Ion Ratio Lower Upper

43 100

58 22.4 0.0 55.4



#15

Methyl Acetate

Concen: 0.167 ug/L

RT: 2.97 min Scan# 507

Delta R.T. 0.01 min

Lab File: VU040052.D

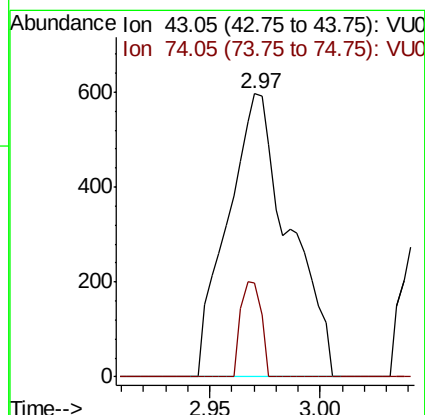
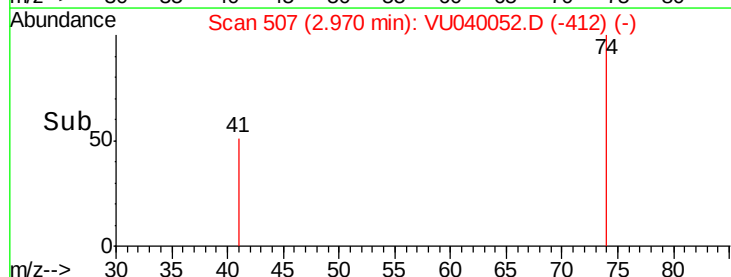
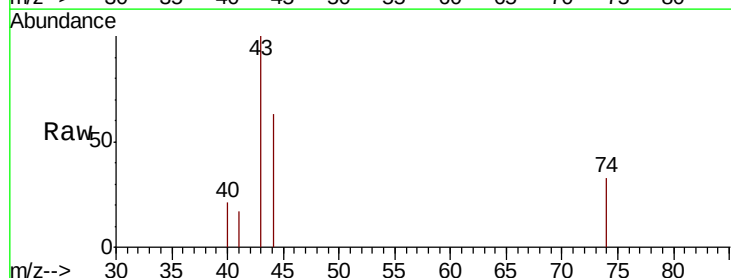
Acq: 08 Sep 2020 14:27

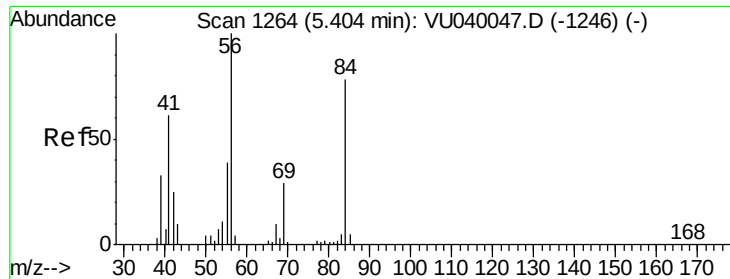
Tgt Ion: 43 Resp: 1155

Ion Ratio Lower Upper

43 100

74 11.3 17.4 26.0#

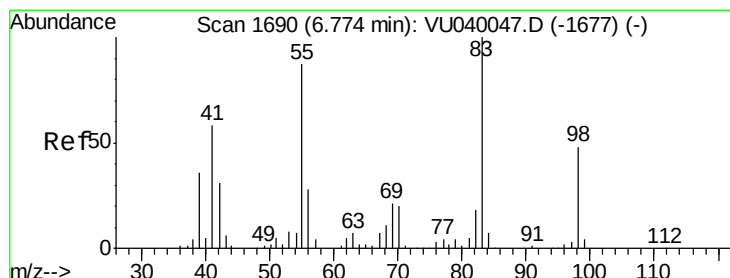
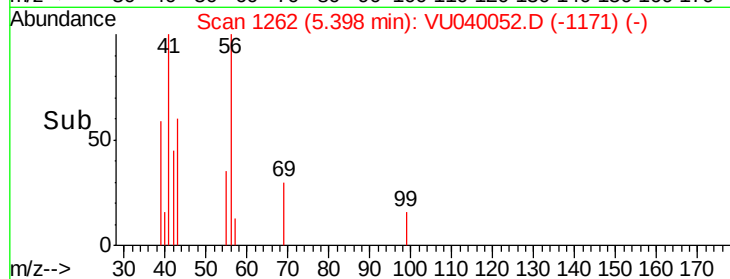
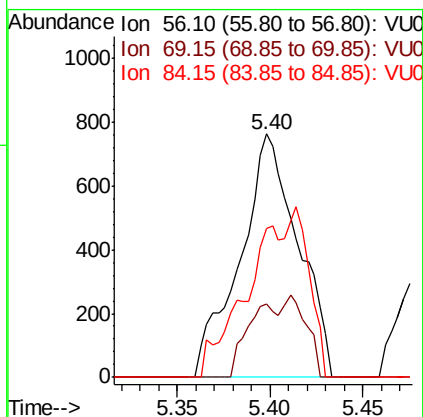
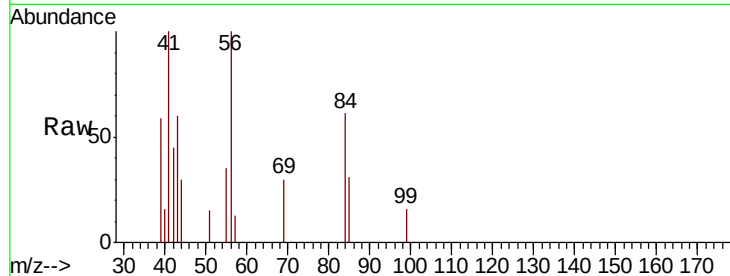




#30
Cyclohexane
Concen: 0.080 ug/L
RT: 5.40 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VU040052.D
Acq: 08 Sep 2020 14:27

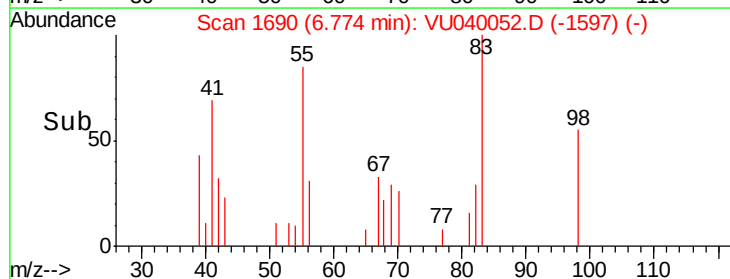
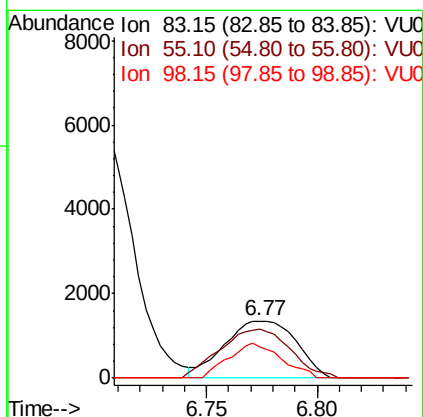
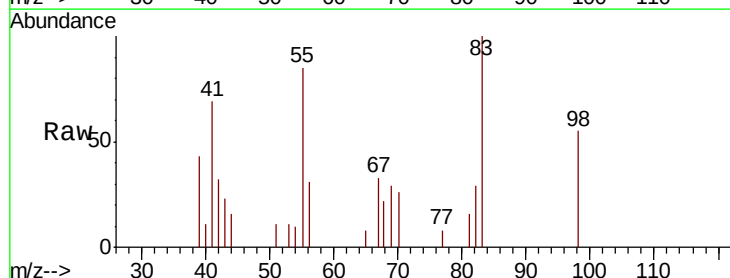
Instrument :
MSVOA_U
ClientSampled :
EW292

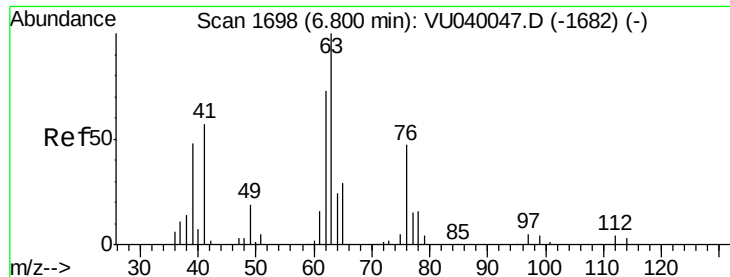
Tot Ion: 56 Resp: 1665
Ion Ratio Lower Upper
56 100
69 16.6 24.1 36.1#
84 40.4 65.0 97.4#



#35
Methylcyclohexane
Concen: 0.152 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040052.D
Acq: 08 Sep 2020 14:27

Tgt Ion: 83 Resp: 3060
Ion Ratio Lower Upper
83 100
55 83.6 70.5 105.7
98 44.5 37.8 56.6

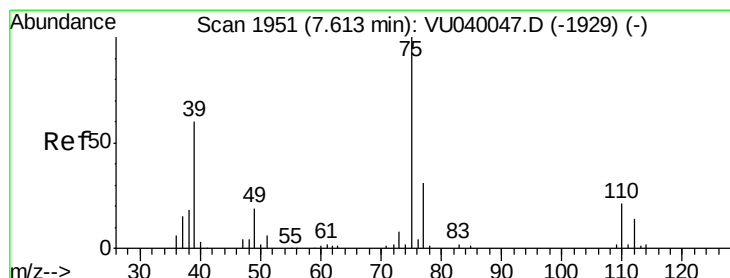
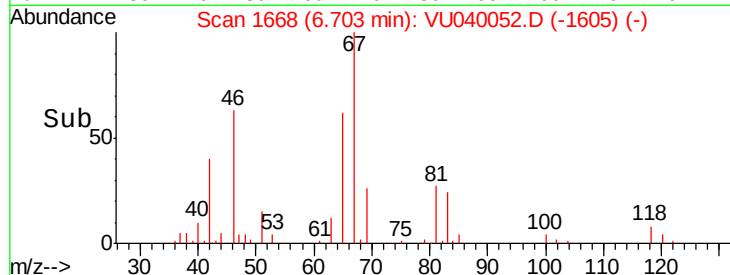
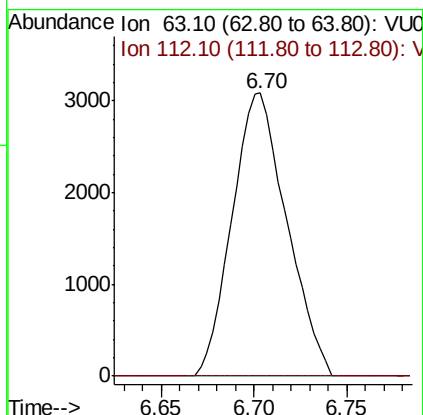
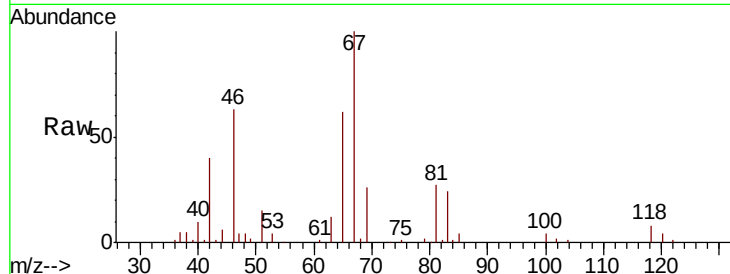




#37
 1,2-Dichloropropane
 Concen: 0.474 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040052.D
 Acq: 08 Sep 2020 14:27

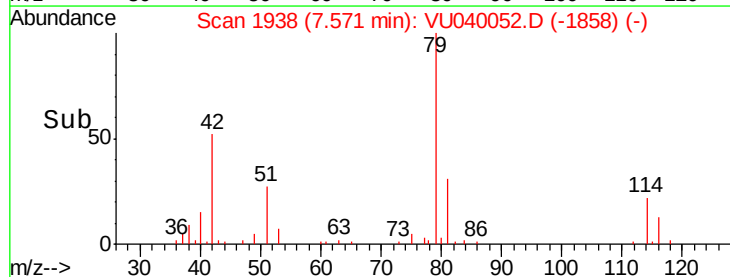
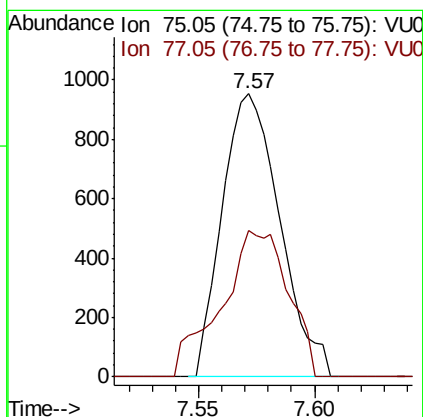
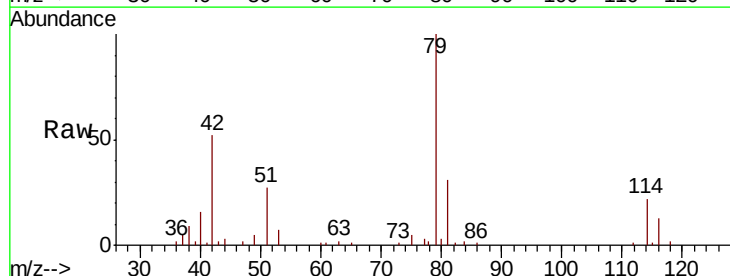
Instrument :
 MSVOA_U
 ClientSampleId :
 EW292

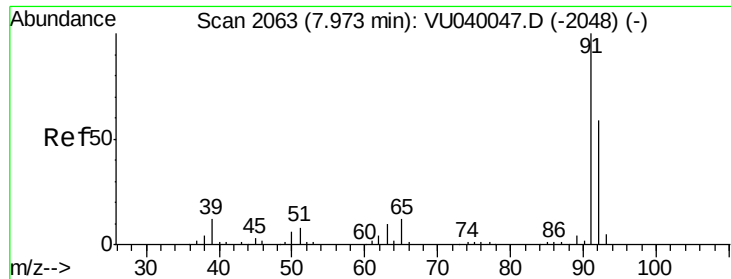
Tot Ion: 63 Resp: 6306
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040052.D
 Acq: 08 Sep 2020 14:27

Tgt Ion: 75 Resp: 1649
 Ion Ratio Lower Upper
 75 100
 77 51.9 21.1 39.3#





#42

Toluene

Concen: 0.213 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040052.D

Acq: 08 Sep 2020 14:27

Instrument :

MSVOA_U

ClientSampleId :

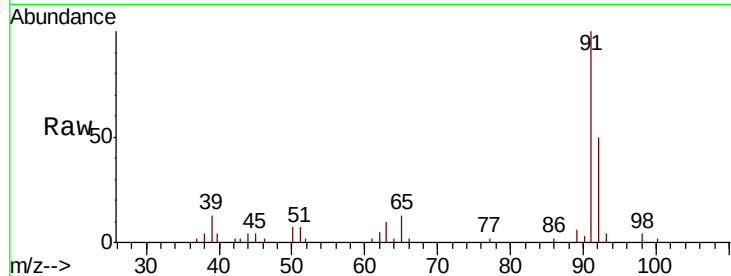
EW292

Tot Ion: 91 Resp: 10761

Ion Ratio Lower Upper

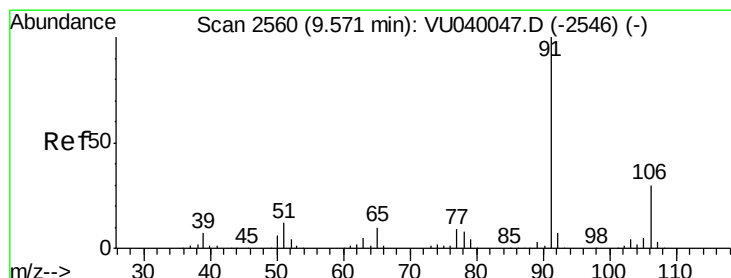
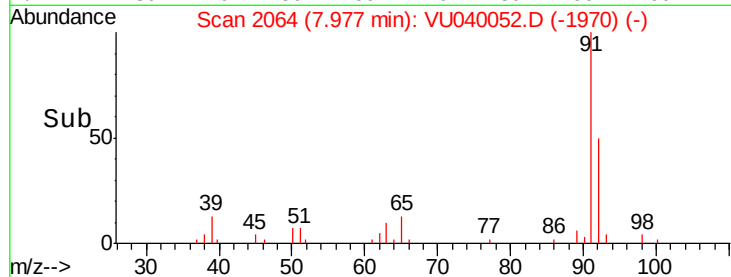
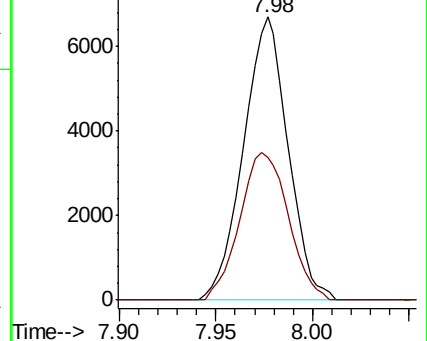
91 100

92 50.4 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#52

Ethylbenzene

Concen: 0.080 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040052.D

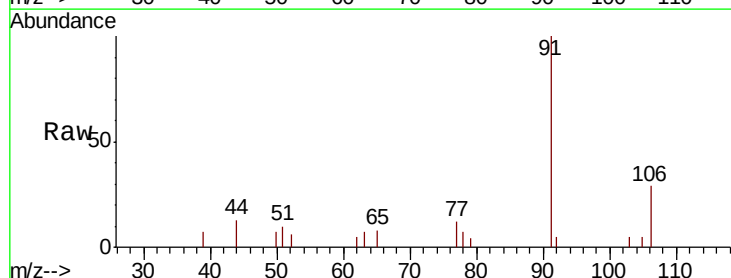
Acq: 08 Sep 2020 14:27

Tgt Ion: 91 Resp: 4611

Ion Ratio Lower Upper

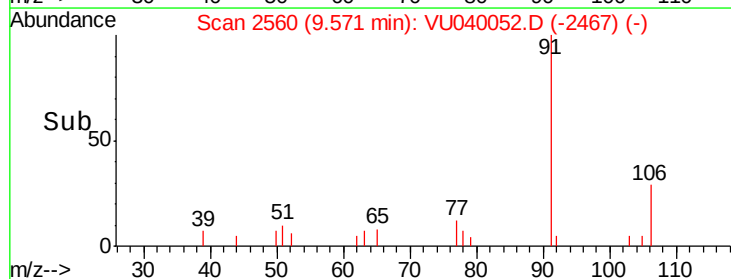
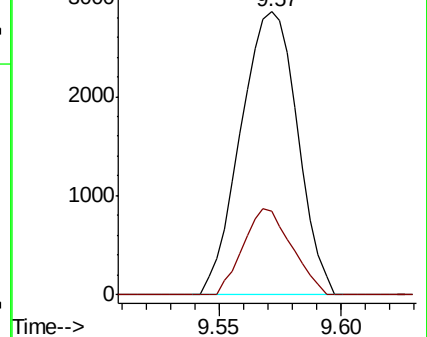
91 100

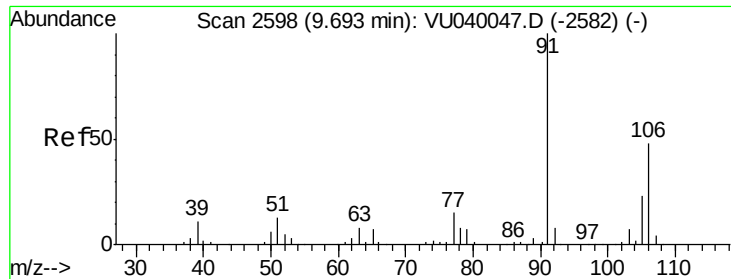
106 29.3 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 0.092 ug/L

RT: 9.69 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VU040052.D

Acq: 08 Sep 2020 14:27

Instrument :

MSVOA_U

ClientSampleId :

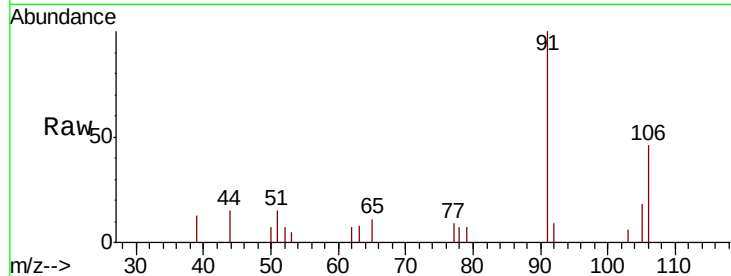
EW292

Tot Ion:106 Resp: 1887

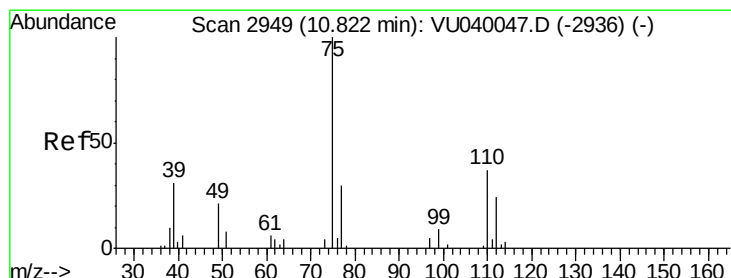
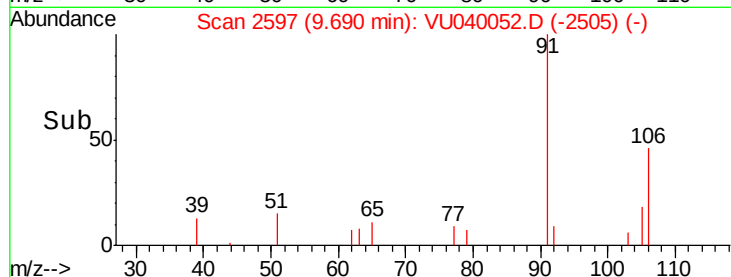
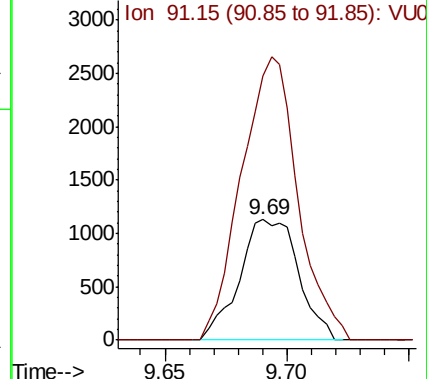
Ion Ratio Lower Upper

106 100

91 219.0 151.7 281.7



Abundance Ion 106.15 (105.85 to 106.85): VU040047.D (-2582) (-)



#59

1,2,3-Trichloropropane

Concen: 0.984 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040052.D

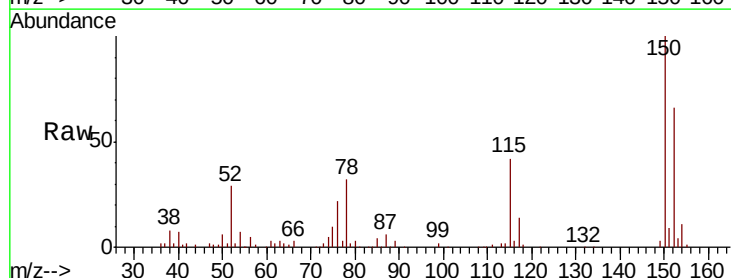
Acq: 08 Sep 2020 14:27

Tgt Ion: 75 Resp: 9695

Ion Ratio Lower Upper

75 100

77 35.7 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU040047.D (-2936) (-)

