

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038693.D
 Acq On : 09 Jun 2020 01:29
 Operator : SY/MD
 Sample : L2896-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0K2

Quant Time: Jun 09 06:15:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 06:12:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	553021	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	545848	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	251457	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	176232	57.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.08%
7) Chloroethane-d5	1.93	69	138608	57.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.66%
11) 1,1-Dichloroethene-d2	2.59	63	271353	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.60%
21) 2-Butanone-d5	4.66	46	319985	106.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.45%
24) Chloroform-d	5.10	84	342215	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
26) 1,2-Dichloroethane-d4	5.74	65	234618	53.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.28%
32) Benzene-d6	5.76	84	703570	53.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.02%
36) 1,2-Dichloropropane-d6	6.72	67	214454	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.84%
41) Toluene-d8	7.92	98	604028	50.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.68%
43) trans-1,3-Dichloropropene-	8.20	79	100495	49.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.52%
47) 2-Hexanone-d5	8.65	63	236921	109.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	306133	50.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.30%
64) 1,2-Dichlorobenzene-d4	12.20	152	238996	54.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.48%

Target Compounds

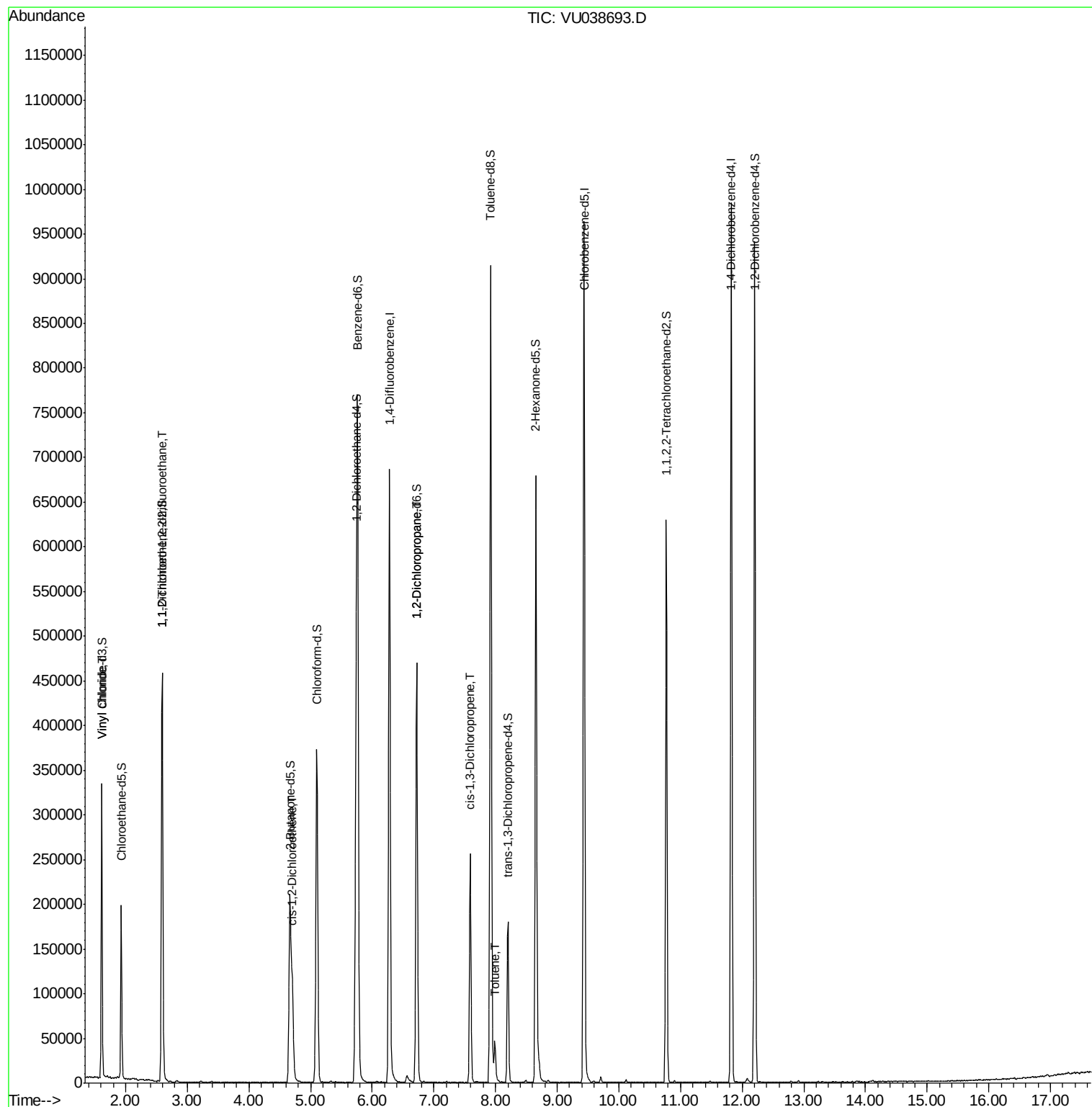
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	52611	11.891	ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2566	0.722	ug/L #	21
20) cis-1,2-Dichloroethene	4.71	96	46382	10.954	ug/L	97
37) 1,2-Dichloropropane	6.72	63	24190	5.727	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	5968	0.916	ug/L #	57
42) Toluene	7.99	91	28429	1.677	ug/L	92

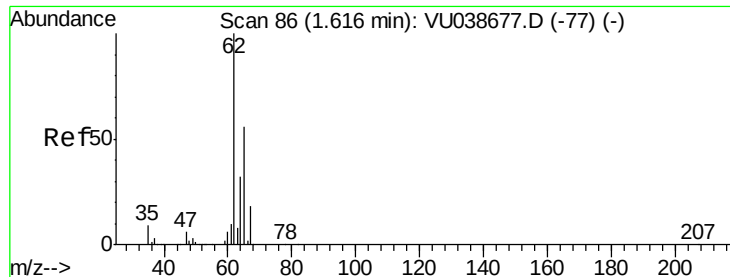
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 09 06:12:02 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.891 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038693.D

Acq: 09 Jun 2020 01:29

Instrument :

MSVOA_U

ClientSampled :

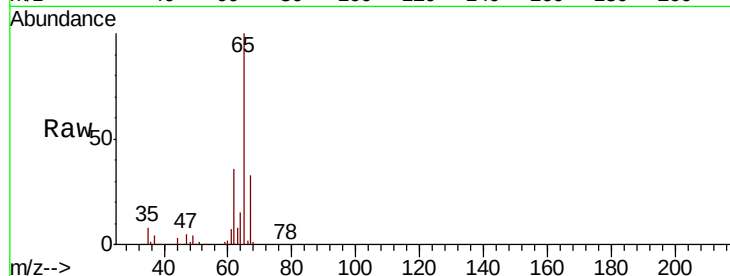
EW0K2

Tot Ion: 62 Resp: 52611

Ion Ratio Lower Upper

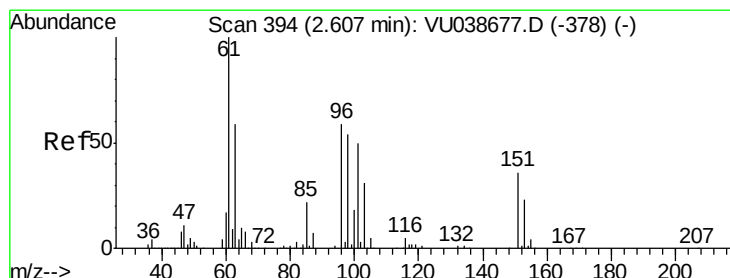
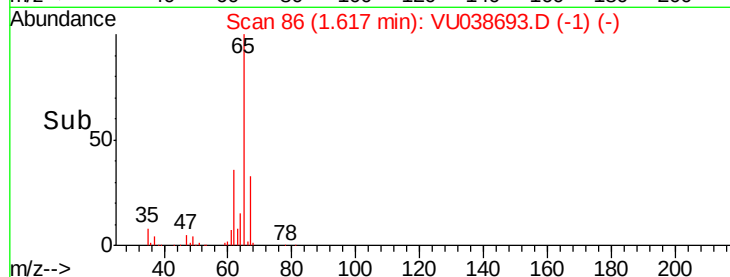
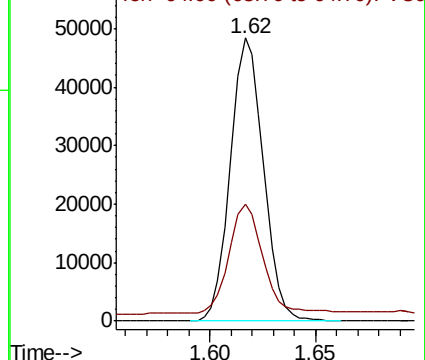
62 100

64 41.5 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU038677.D (-77) (-)

Ion 64.00 (63.70 to 64.70): VU038693.D (-301) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.722 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038693.D

Acq: 09 Jun 2020 01:29

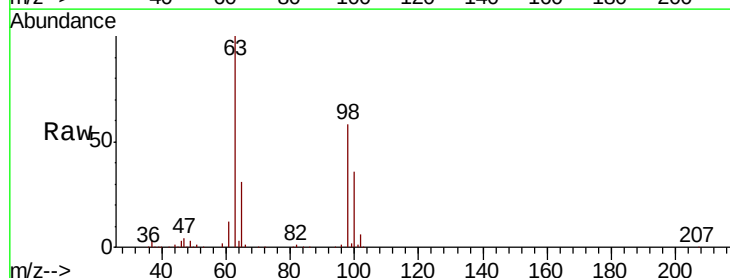
Tgt Ion: 101 Resp: 2566

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

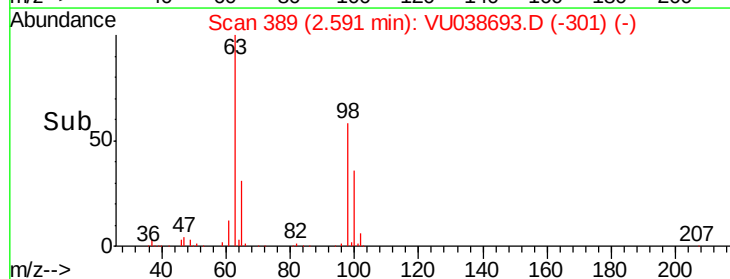
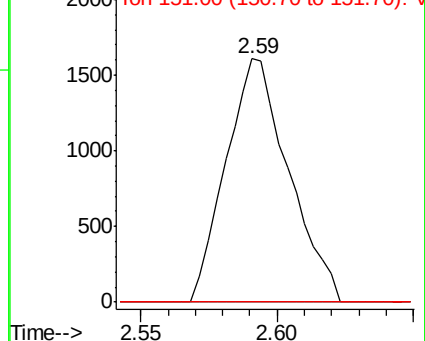
151 0.0 57.4 86.0#

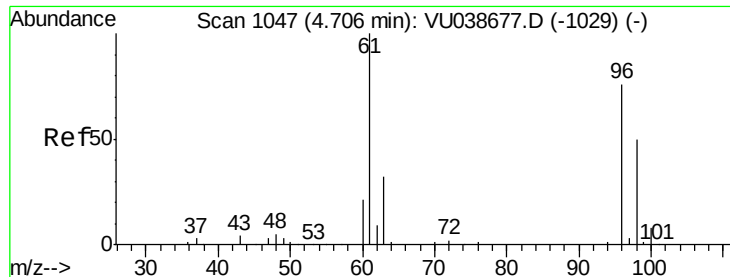


Abundance Ion 101.00 (100.70 to 101.70): VU038677.D (-378) (-)

Ion 85.00 (84.70 to 85.70): VU038693.D (-301) (-)

Ion 151.00 (150.70 to 151.70): VU038693.D (-301) (-)





#20

cis-1,2-Dichloroethene

Concen: 10.954 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038693.D

Acq: 09 Jun 2020 01:29

Instrument :

MSVOA_U

ClientSampleId :

EW0K2

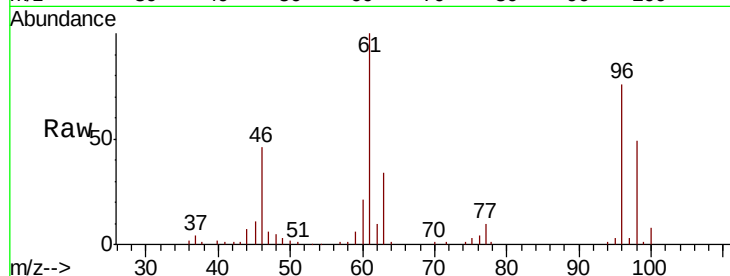
Tot Ion: 96 Resp: 46382

Ion Ratio Lower Upper

96 100

61 131.1 89.5 166.1

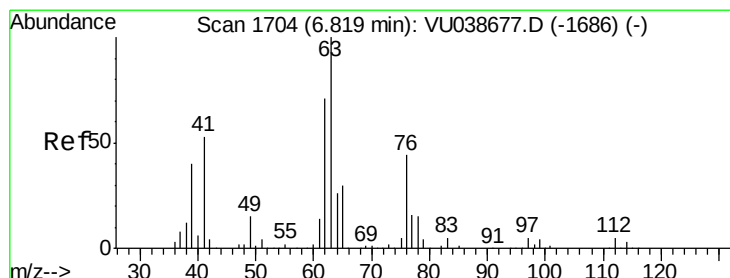
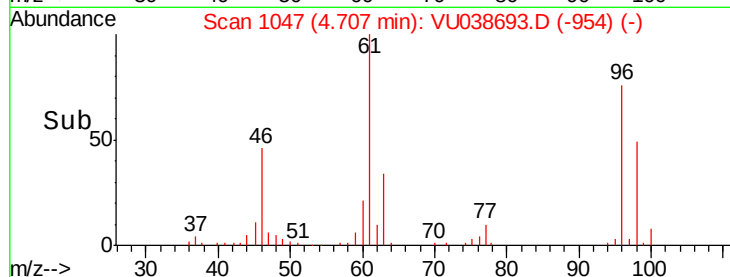
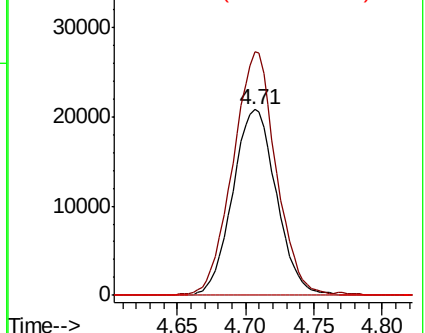
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038693.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU038693.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU038693.D (-954) (-)



#37

1,2-Dichloropropane

Concen: 5.727 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038693.D

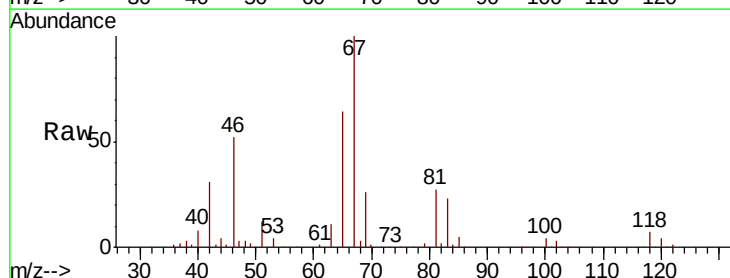
Acq: 09 Jun 2020 01:29

Tgt Ion: 63 Resp: 24190

Ion Ratio Lower Upper

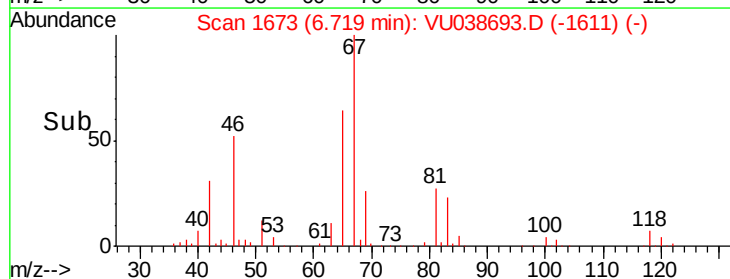
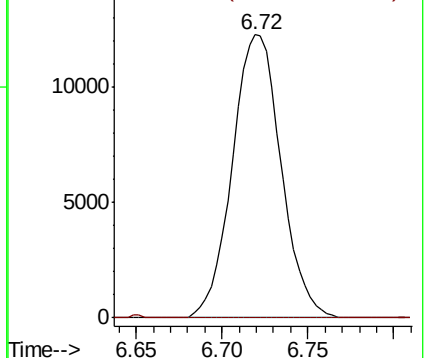
63 100

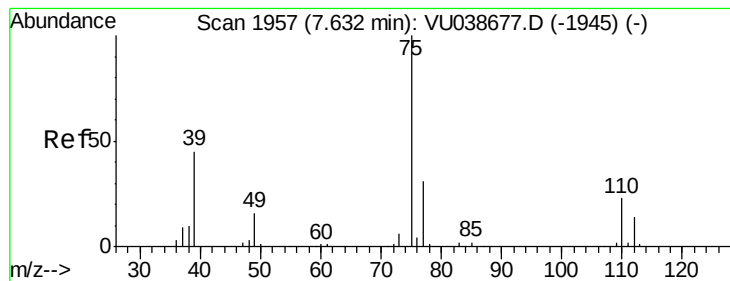
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU038693.D (-1611) (-)

Ion 112.00 (111.70 to 112.70): VU038693.D (-1611) (-)



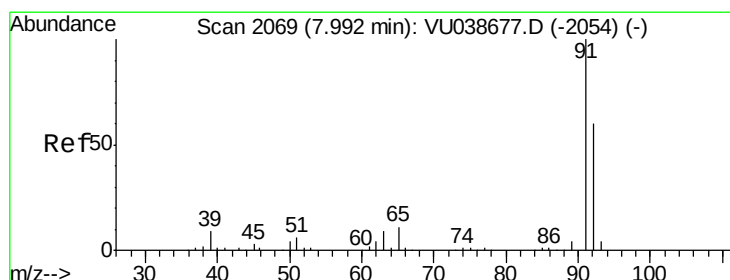
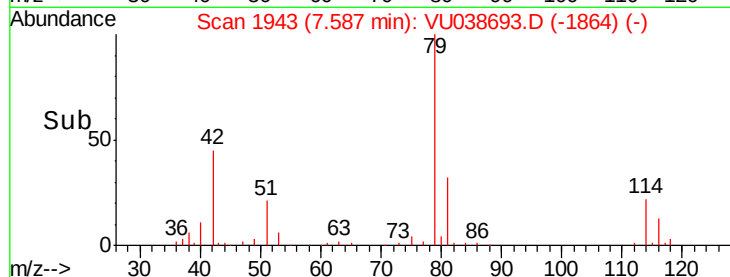
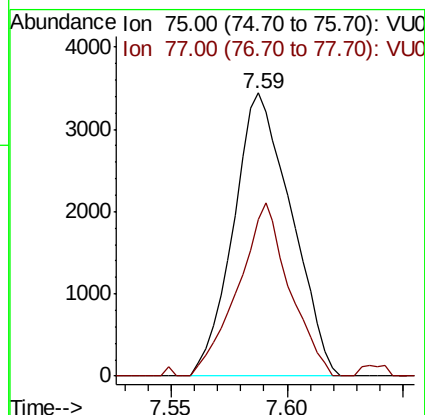
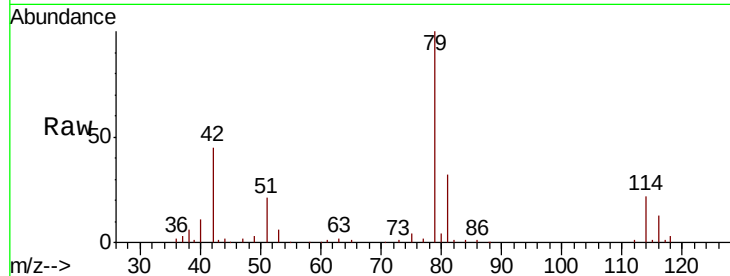


#39

cis-1,3-Dichloropropene
Concen: 0.916 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU038693.D
Acq: 09 Jun 2020 01:29

Instrument :
MSVOA_U
ClientSampleId :
EW0K2

Tot Ion: 75 Resp: 5968
Ion Ratio Lower Upper
75 100
77 55.4 22.2 41.2#



#42

Toluene
Concen: 1.677 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. 0.00 min
Lab File: VU038693.D
Acq: 09 Jun 2020 01:29

Tgt Ion: 91 Resp: 28429
Ion Ratio Lower Upper
91 100
92 54.4 42.2 78.4

