

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039267.D
 Acq On : 01 Jul 2020 08:06
 Operator : SY/MD
 Sample : L3134-07MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYK5MS

Quant Time: Jul 01 20:56:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 08:49:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	194602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	200010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	97927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77066	5.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.80%
7) Chloroethane-d5	1.93	69	63252	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.59	63	134125	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.80%
20) 2-Butanone-d5	4.67	46	163777	30.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.20%
24) Chloroform-d	5.10	84	120555	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.74	65	73892	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	5.76	84	225610	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.72	67	89482	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.92	98	182852	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	29626	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.66	63	112332	28.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	56.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	56695	3.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	81713	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

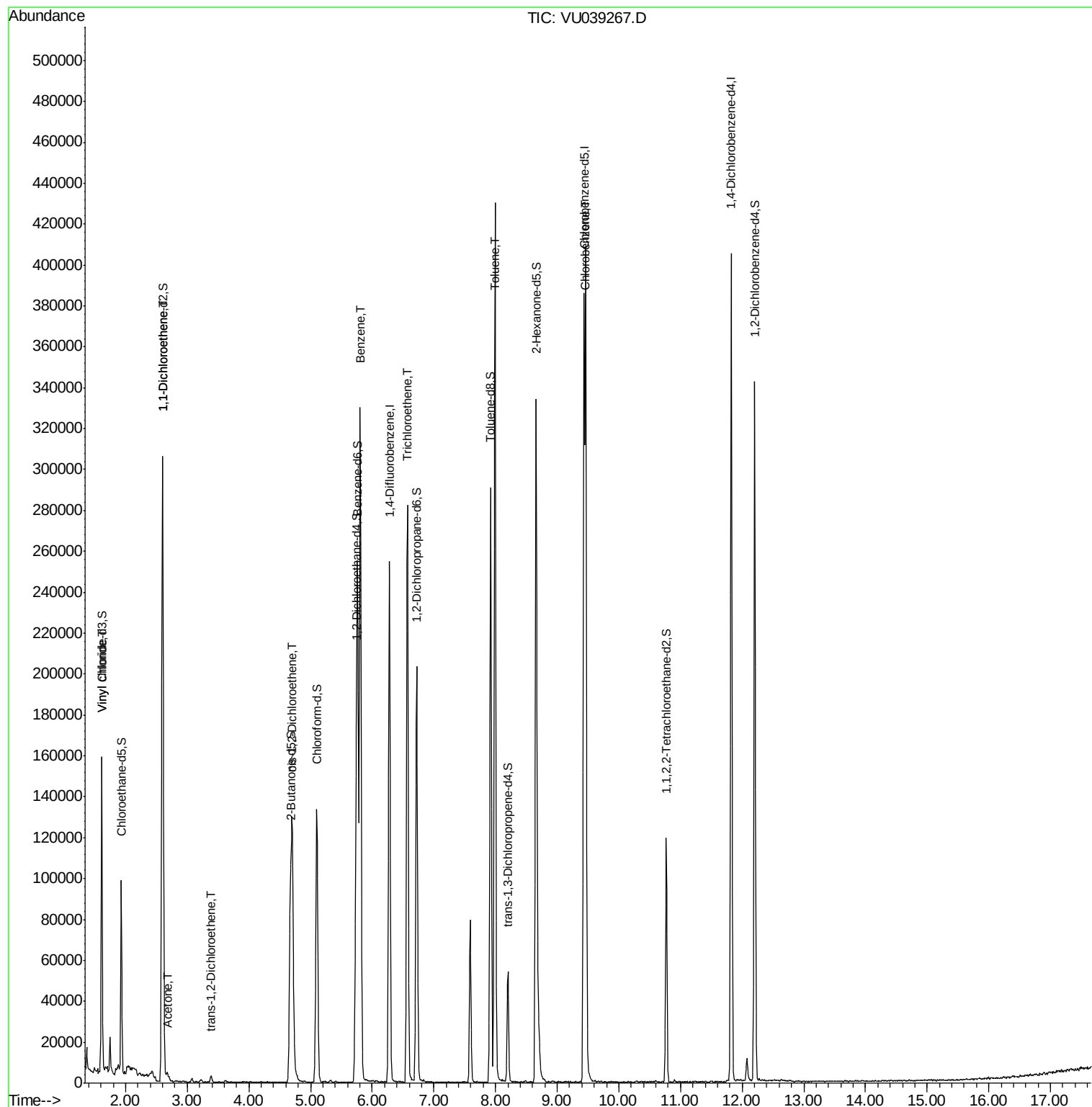
					Ovalue
5) Vinyl chloride	1.62	62	28811	1.498 ug/L	96
12) 1,1-Dichloroethene	2.61	96	68838	4.968 ug/L	91
13) Acetone	2.67	43	7908	2.384 ug/L	89
18) trans-1,2-Dichloroethene	3.39	96	1275	0.090 ug/L #	71
22) cis-1,2-Dichloroethene	4.70	96	45909	3.061 ug/L	95
33) Benzene	5.81	78	301983	5.147 ug/L	100
34) Trichloroethene	6.57	95	90362	5.859 ug/L	97
42) Toluene	7.99	91	300172	4.992 ug/L	100
51) Chlorobenzene	9.47	112	200722	5.108 ug/L	97

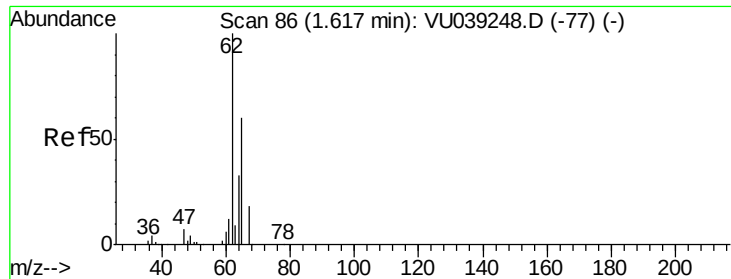
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 01 08:49:01 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.498 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

Instrument :

MSVOA_U

ClientSampleId :

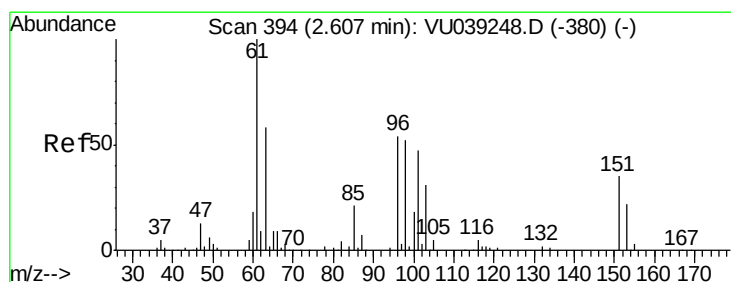
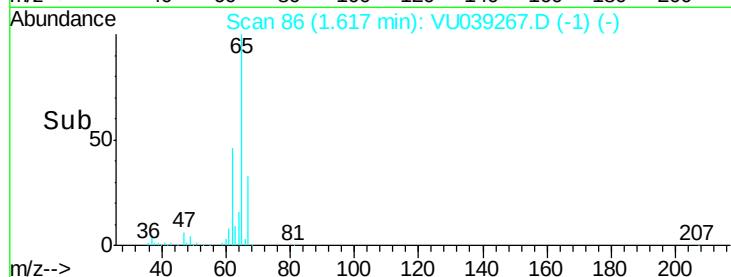
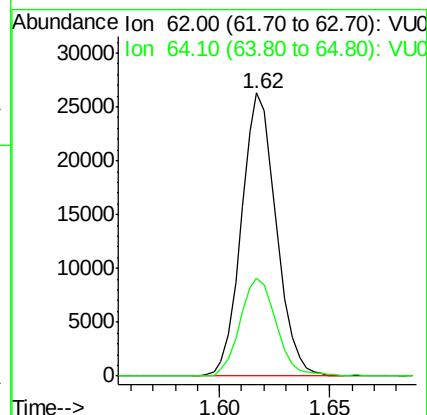
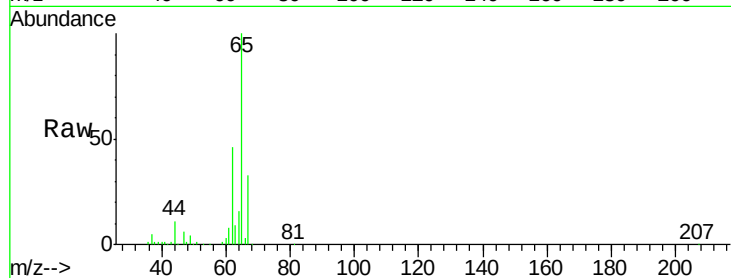
ETYK5MS

Tot Ion: 62 Resp: 28811

Ion Ratio Lower Upper

62 100

64 34.7 22.8 42.4



#12

1,1-Dichloroethene

Concen: 4.968 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

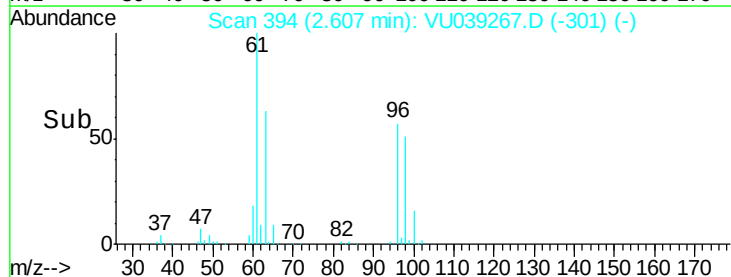
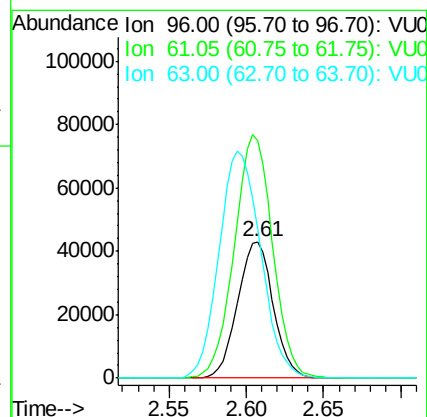
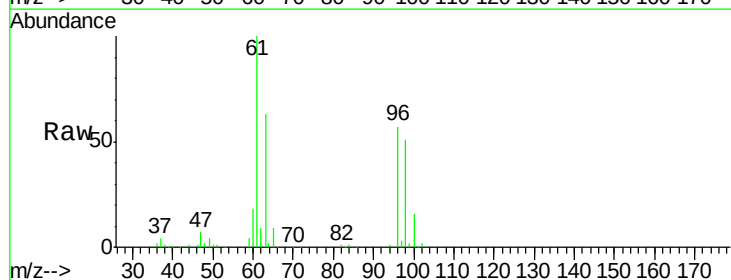
Tgt Ion: 96 Resp: 68838

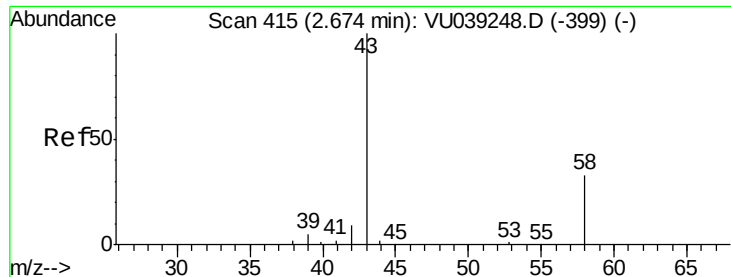
Ion Ratio Lower Upper

96 100

61 174.3 129.1 239.7

63 108.9 85.5 158.7





#13

Acetone

Concen: 2.384 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

Instrument :

MSVOA_U

ClientSampleId :

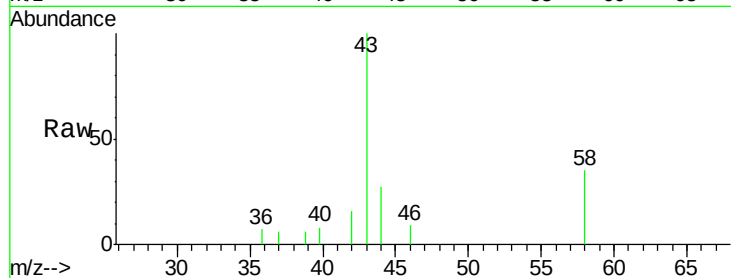
ETVK5MS

Tot Ion: 43 Resp: 7908

Ion Ratio Lower Upper

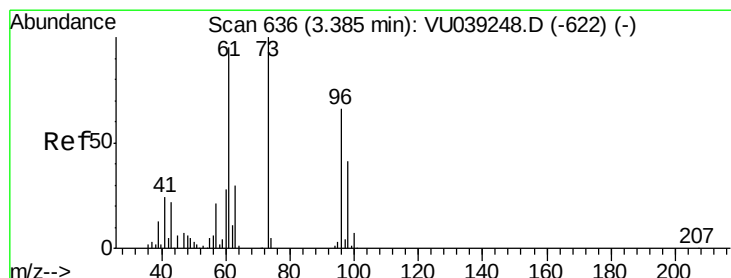
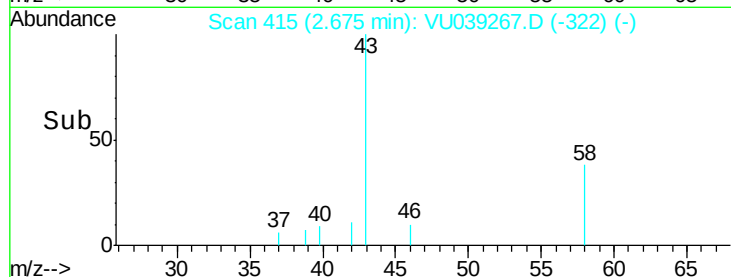
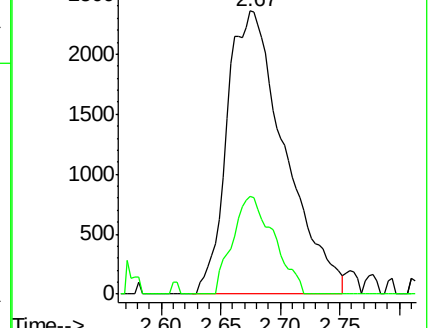
43 100

58 24.7 0.0 61.0



Abundance Ion 43.05 (42.75 to 43.75): VU039248.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU039248.D (-399) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.090 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.01 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

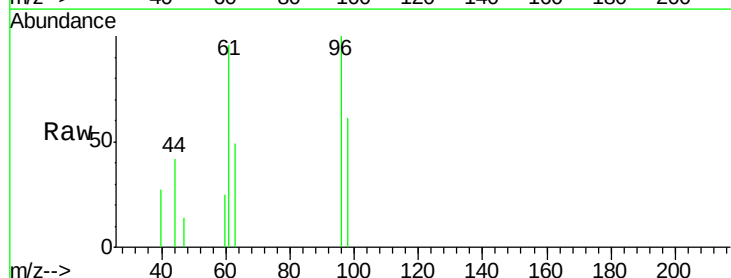
Tgt Ion: 96 Resp: 1275

Ion Ratio Lower Upper

96 100

61 96.5 103.3 191.8#

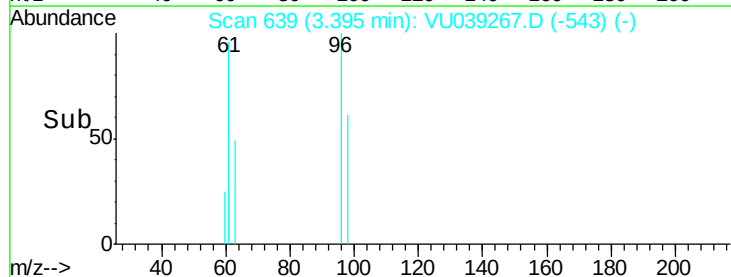
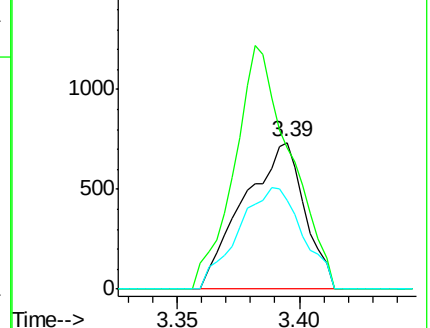
98 60.6 44.0 81.8

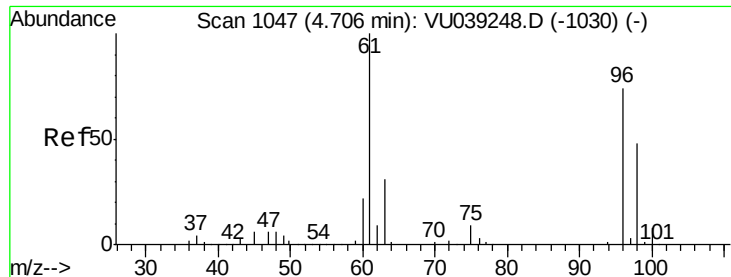


Abundance Ion 96.00 (95.70 to 96.70): VU039248.D (-622) (-)

Ion 61.05 (60.75 to 61.75): VU039248.D (-622) (-)

Ion 97.95 (97.65 to 98.65): VU039248.D (-622) (-)





#22

cis-1,2-Dichloroethene

Concen: 3.061 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

Instrument :

MSVOA_U

ClientSampleId :

ETYK5MS

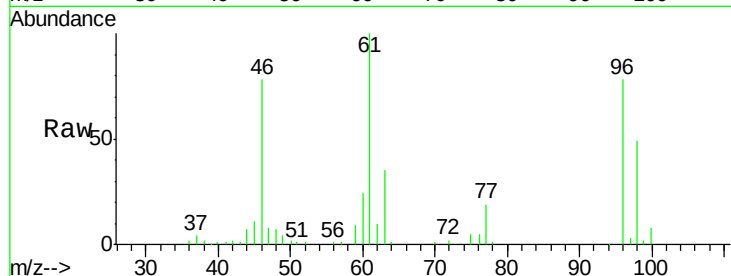
Tot Ion: 96 Resp: 45909

Ion Ratio Lower Upper

96 100

61 128.1 94.2 175.0

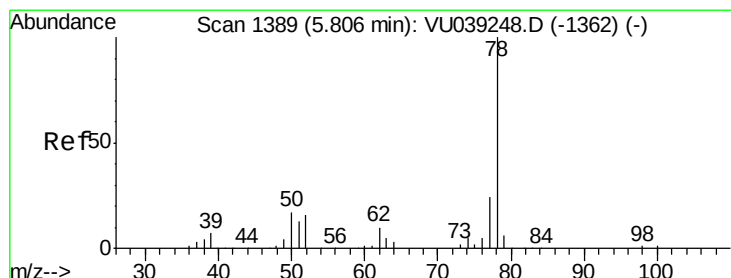
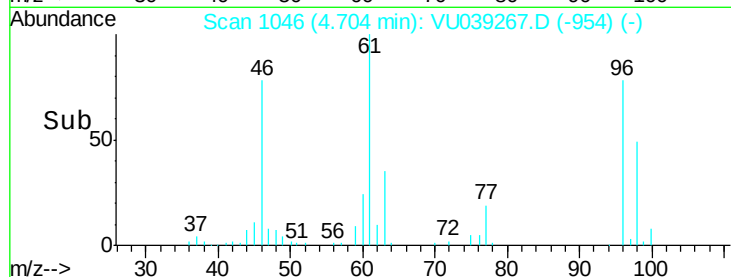
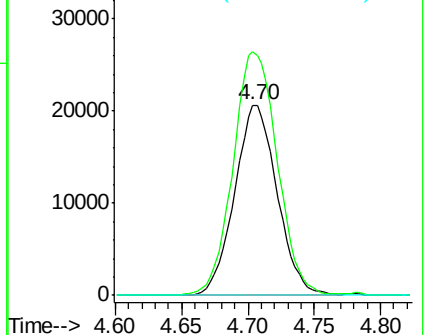
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039267.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU039267.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU039267.D (-954) (-)



#33

Benzene

Concen: 5.147 ug/L

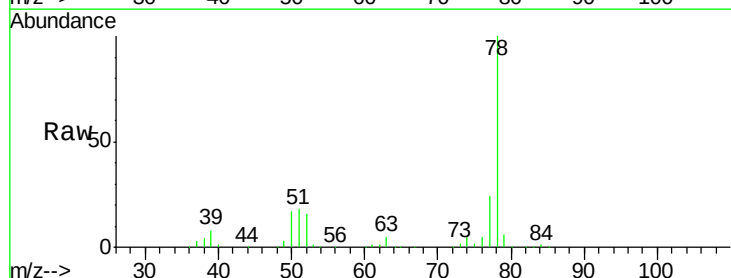
RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

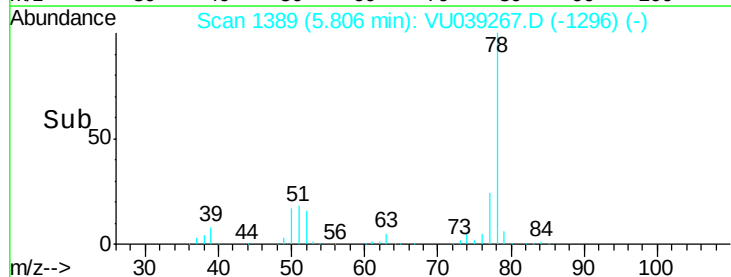
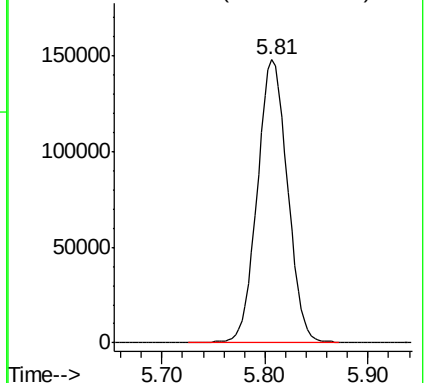
Lab File: VU039267.D

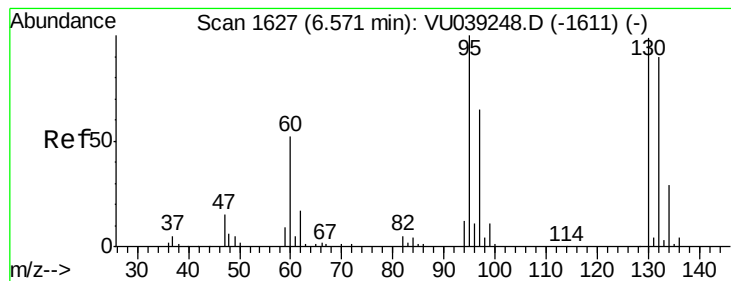
Acq: 01 Jul 2020 08:06

Tgt Ion: 78 Resp: 301983



Abundance Ion 78.10 (77.80 to 78.80): VU039267.D (-1296) (-)





#34

Trichloroethene

Concen: 5.859 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

Instrument :

MSVOA_U

ClientSampleId :

ETVK5MS

Tot Ion: 95 Resp: 90362

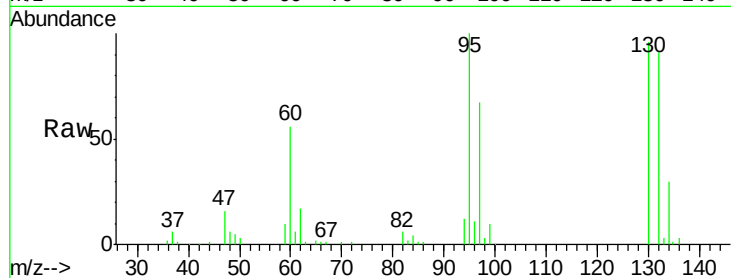
Ion Ratio Lower Upper

95 100

97 66.7 44.0 81.8

132 90.6 64.9 120.5

130 95.5 68.7 127.5

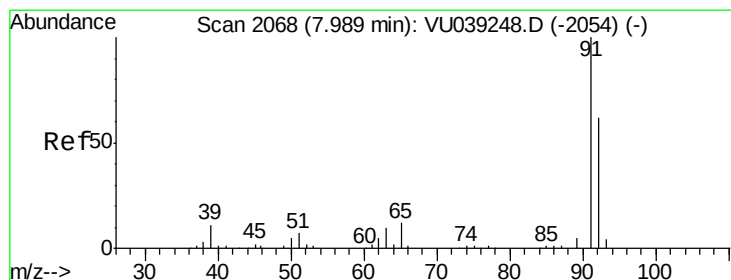
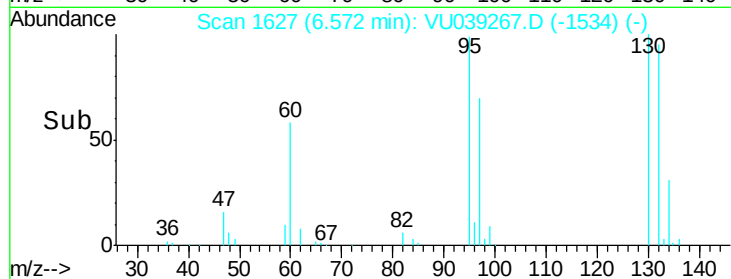
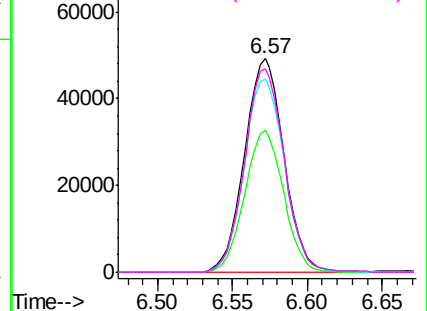


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 4.992 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU039267.D

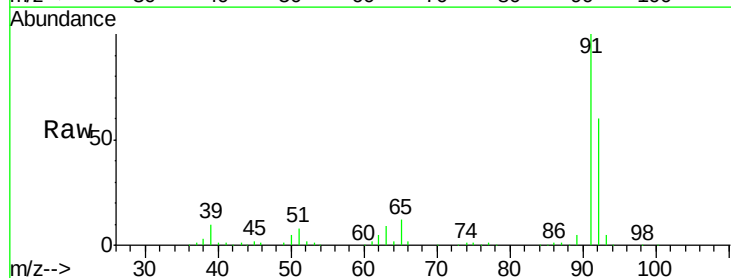
Acq: 01 Jul 2020 08:06

Tgt Ion: 91 Resp: 300172

Ion Ratio Lower Upper

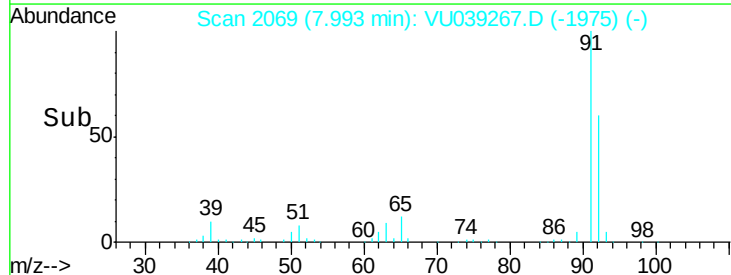
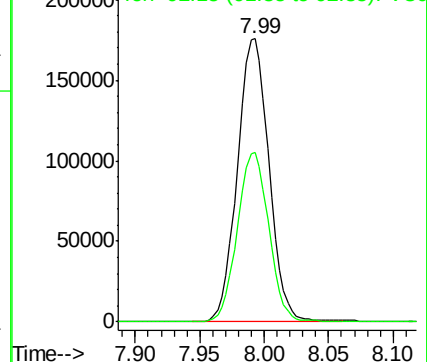
91 100

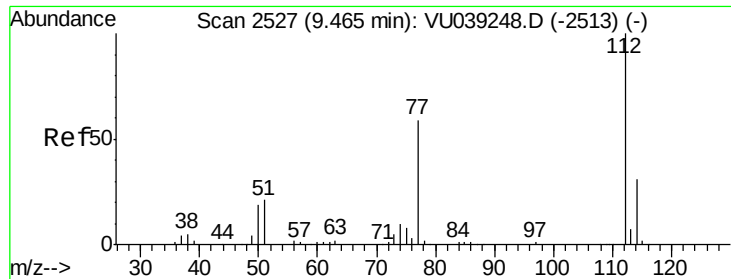
92 59.7 41.7 77.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51
 Chlorobenzene
 Concen: 5.108 ug/L
 RT: 9.47 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: VU039267.D
 Acq: 01 Jul 2020 08:06

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYK5MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.8	42.4
77	59.0	49.7	74.5

