

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U0102219\
 Data File : VU035329.D
 Acq On : 21 Oct 2019 18:52
 Operator : JC/SP
 Sample : K5419-08DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G56DL

Quant Time: Oct 22 07:06:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 22 06:40:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	314595	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	305314	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	111382	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	130339	6.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.80%#
7) Chloroethane-d5	1.93	69	110088	6.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.60%
11) 1,1-Dichloroethene-d2	2.59	63	169326	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	4.70	46	280495	50.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.76%
24) Chloroform-d	5.11	84	194902	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.75	65	110181	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.77	84	419493	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.20%
36) 1,2-Dichloropropane-d6	6.74	67	132669	5.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.60%
41) Toluene-d8	7.93	98	378744	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
43) trans-1,3-Dichloropropene-	8.21	79	53226	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.68	63	219032	46.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.32%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102800	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.23	152	116833	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

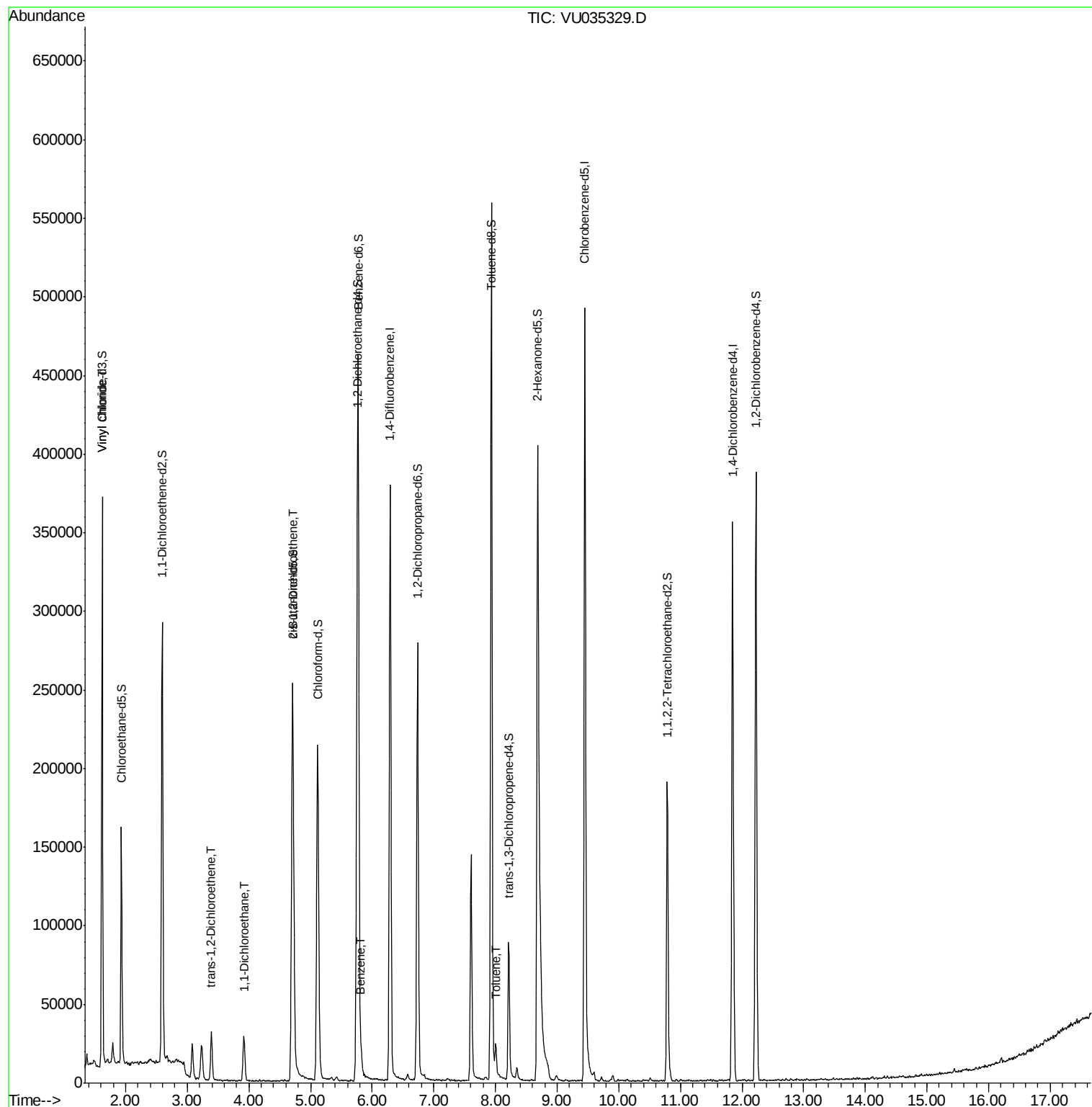
					Ovalue
5) Vinyl chloride	1.62	62	140158	5.138	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	12727	0.583	ug/L 99
19) 1,1-Dichloroethane	3.92	63	30821	0.781	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	46851	1.943	ug/L 100
33) Benzene	5.82	78	11786	0.131	ug/L 100
42) Toluene	8.01	91	12422	0.125	ug/L 93

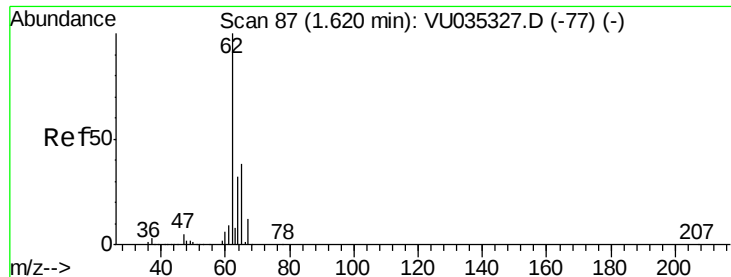
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 06:40:31 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.138 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035329.D

Acq: 21 Oct 2019 18:52

Instrument :

MSVOA_U

ClientSampleId :

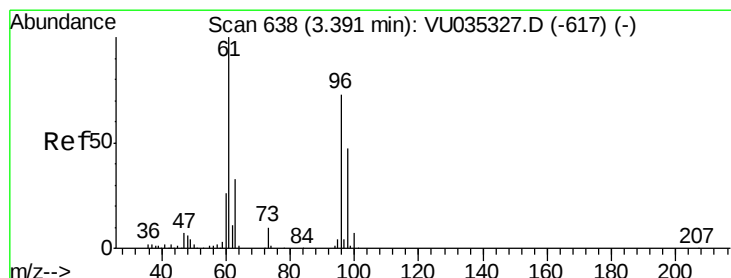
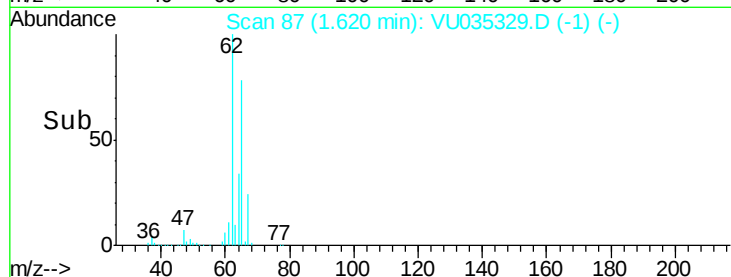
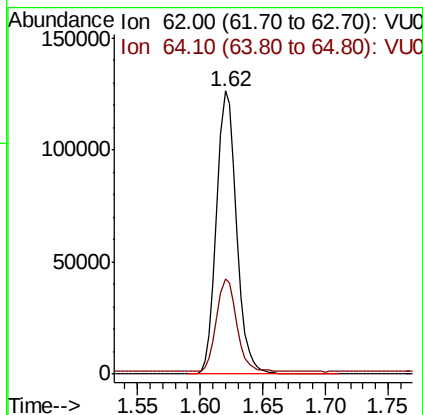
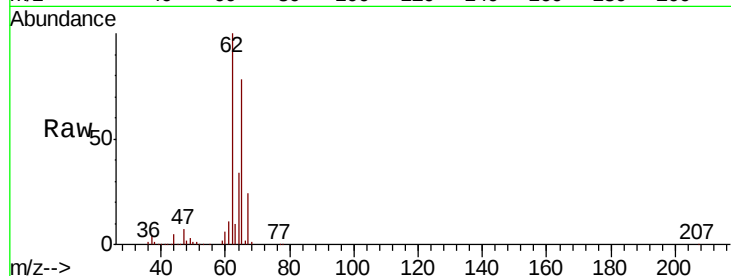
H0G56DL

Tot Ion: 62 Resp: 140158

Ion Ratio Lower Upper

62 100

64 33.5 22.9 42.5



#18

trans-1,2-Dichloroethene

Concen: 0.583 ug/L

RT: 3.39 min Scan# 638

Delta R.T. 0.00 min

Lab File: VU035329.D

Acq: 21 Oct 2019 18:52

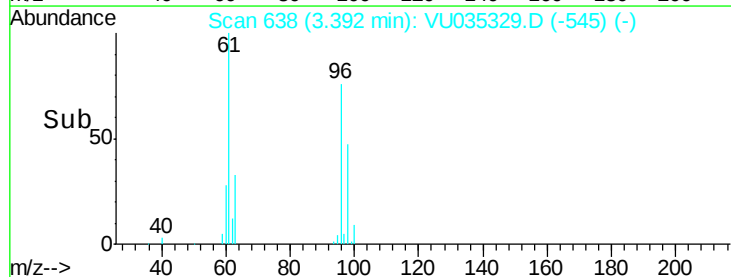
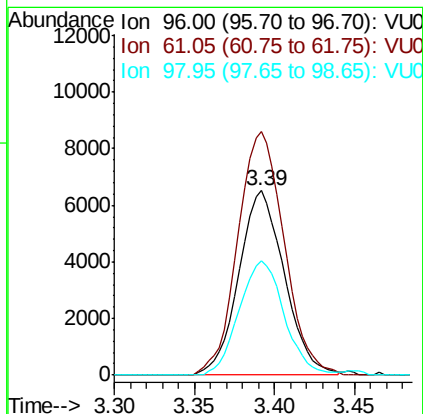
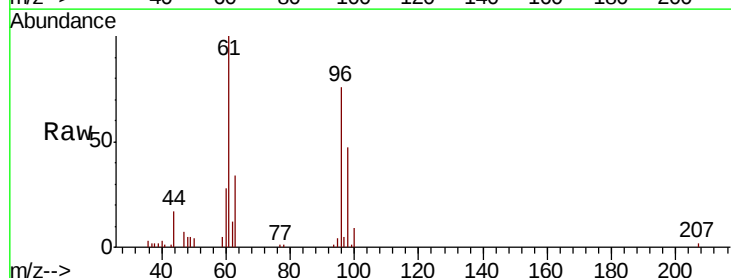
Tgt Ion: 96 Resp: 12727

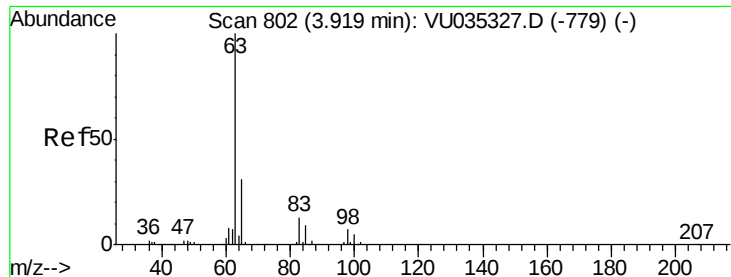
Ion Ratio Lower Upper

96 100

61 132.1 93.0 172.6

98 61.7 43.7 81.1





#19

1,1-Dichloroethane

Concen: 0.781 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035329.D

Acq: 21 Oct 2019 18:52

Instrument :

MSVOA_U

ClientSampleId :

H0G56DL

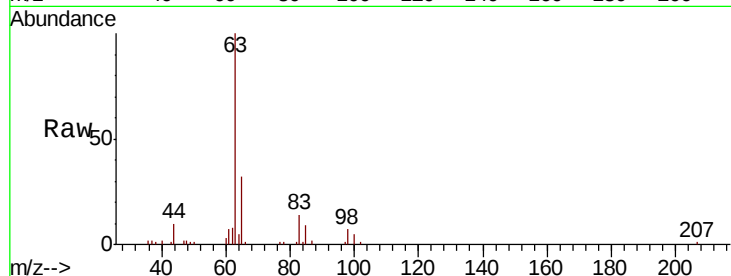
Tot Ion: 63 Resp: 30821

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

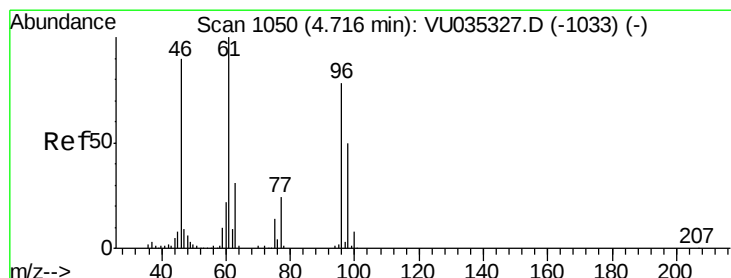
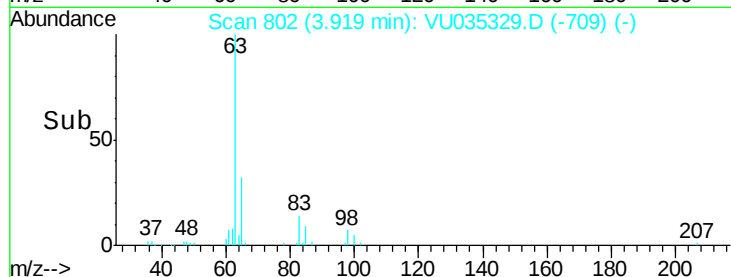
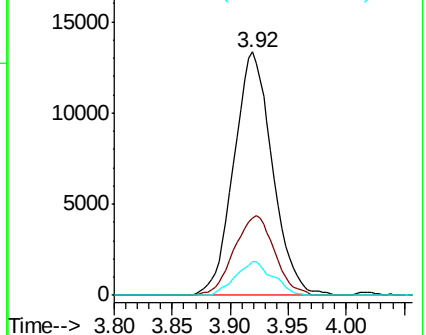
83 13.7 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU035329.D (-957) (-)

Ion 65.10 (64.80 to 65.80): VU035329.D (-957) (-)

Ion 83.05 (82.75 to 83.75): VU035329.D (-957) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.943 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035329.D

Acq: 21 Oct 2019 18:52

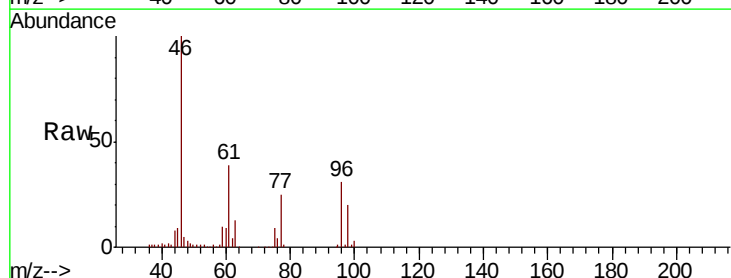
Tgt Ion: 96 Resp: 46851

Ion Ratio Lower Upper

96 100

61 127.6 89.7 166.5

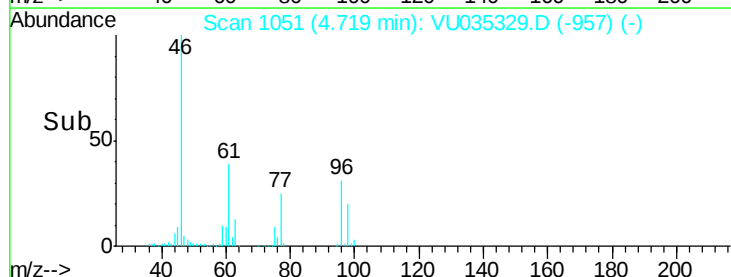
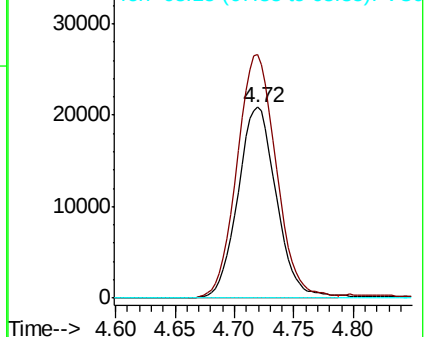
68 0.0 0.0 0.0

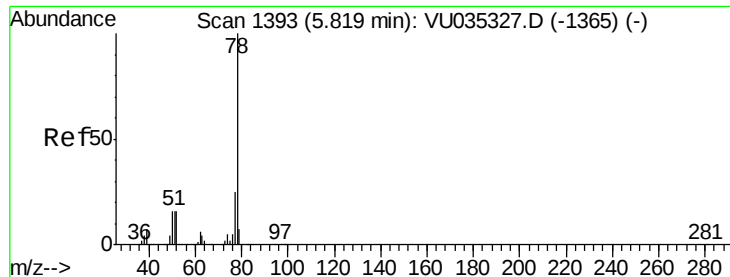


Abundance Ion 96.00 (95.70 to 96.70): VU035329.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035329.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035329.D (-957) (-)





#33

Benzene

Concen: 0.131 ug/L

RT: 5.82 min Scan# 1394

Delta R.T. 0.00 min

Lab File: VU035329.D

Acq: 21 Oct 2019 18:52

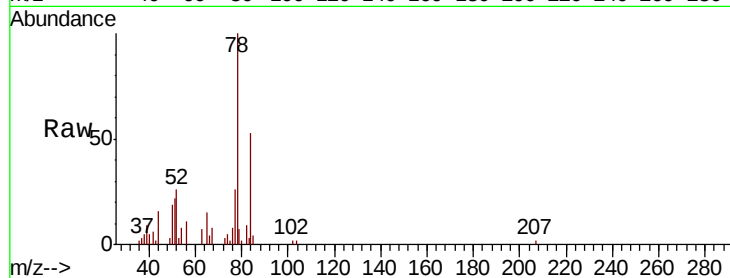
Instrument :

MSVOA_U

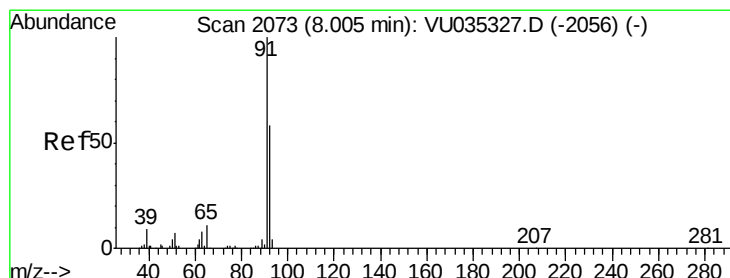
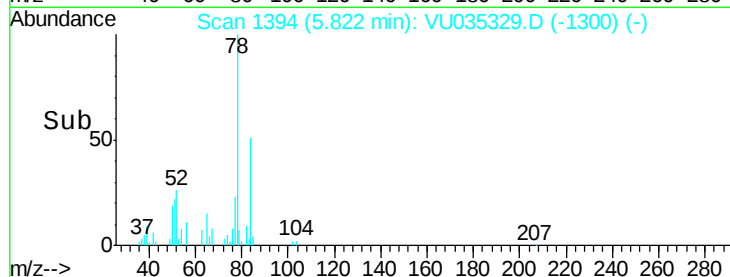
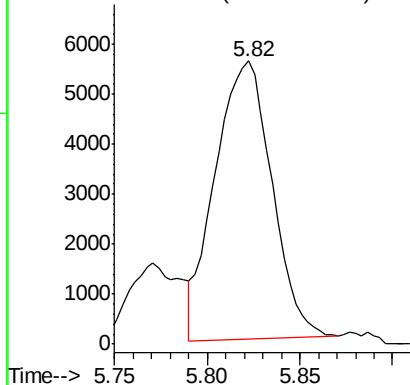
ClientSampleId :

H0G56DL

Tgt Ion: 78 Resp: 11786



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.125 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035329.D

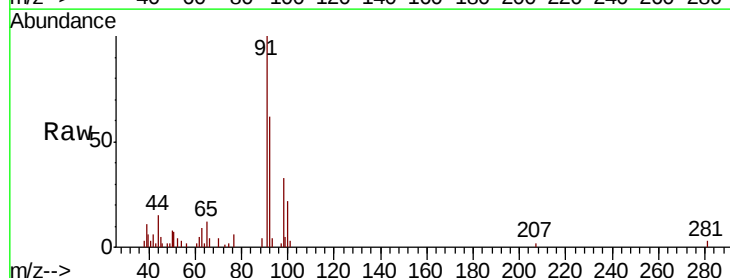
Acq: 21 Oct 2019 18:52

Tgt Ion: 91 Resp: 12422

Ion Ratio Lower Upper

91 100

92 62.2 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU0

