

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100820\
 Data File : VU040567.D
 Acq On : 08 Oct 2020 17:33
 Operator : SY/MD
 Sample : L4240-08DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3S5DL 20X

Quant Time: Oct 09 04:07:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 09 01:55:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	145520	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	143095	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	73244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	58097	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.92	69	45002	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	85631	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.66	46	210030	54.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.86%
24) Chloroform-d	5.08	84	100654	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	61887	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.74	84	195762	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.70	67	64189	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.91	98	163914	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.19	79	26590	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.64	63	144352	51.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55471	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	69549	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

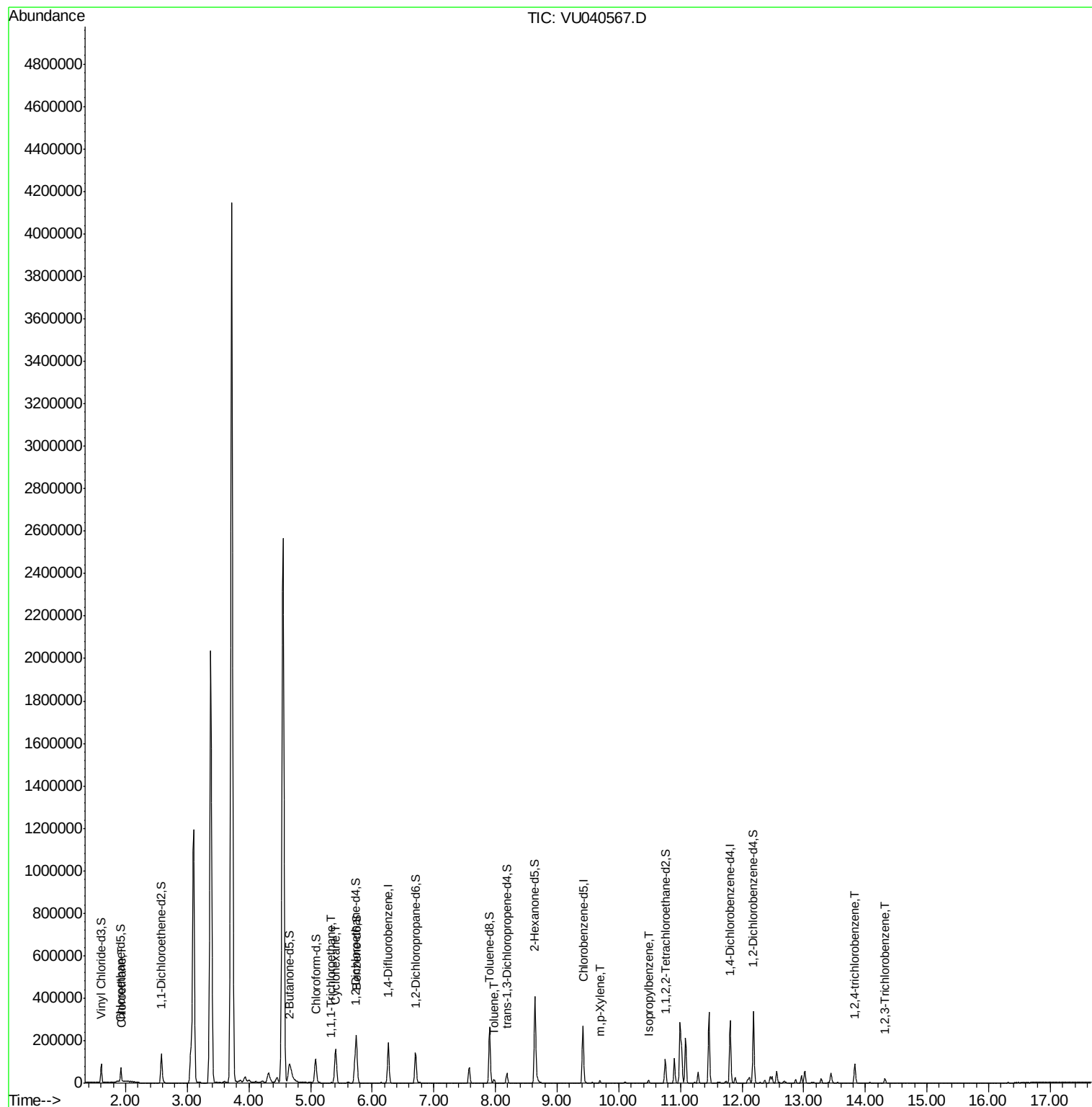
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	977	0.118	ug/L	# 53
29) 1,1,1-Trichloroethane	5.34	97	2298	0.120	ug/L	87
30) Cyclohexane	5.41	56	78399	4.424	ug/L	98
42) Toluene	7.98	91	11184	0.239	ug/L	94
53) m,p-Xylene	9.69	106	3191	0.173	ug/L	93
56) Isopropylbenzene	10.48	105	7615	0.159	ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	25348	1.929	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	5550	0.455	ug/L	99

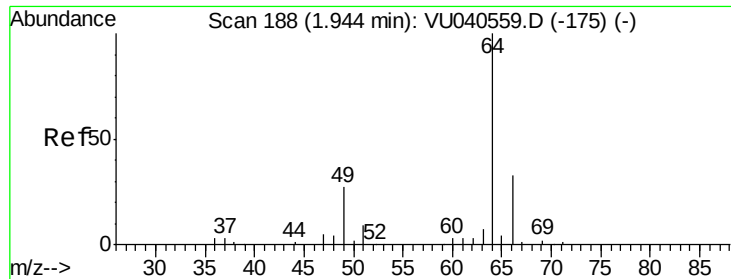
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100820\
Data File : VU040567.D
Acq On : 08 Oct 2020 17:33
Operator : SY/MD
Sample : L4240-08DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL 20X

Quant Time: Oct 09 04:07:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 09 01:55:27 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.118 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040567.D

Acq: 08 Oct 2020 17:33

Instrument :

MSVOA_U

ClientSampleId :

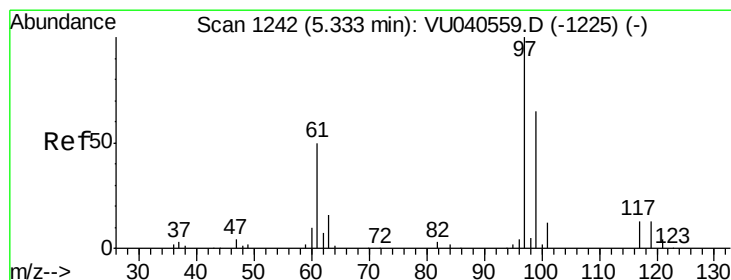
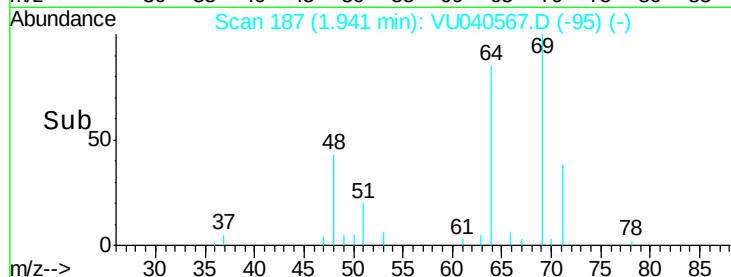
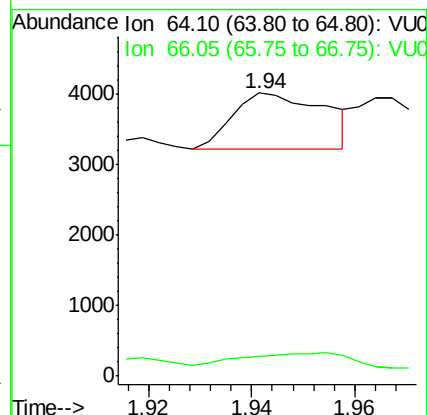
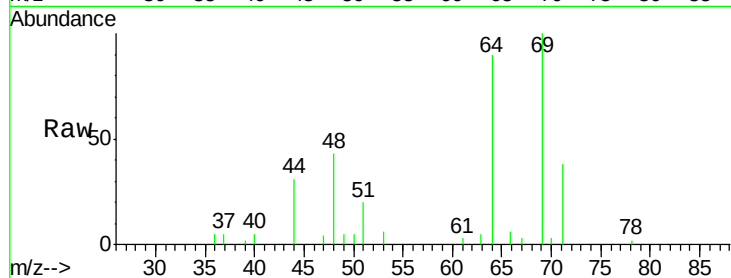
BG3S5DL 20X

Tot Ion: 64 Resp: 977

Ion Ratio Lower Upper

64 100

66 6.8 23.3 43.3#



#29

1,1,1-Trichloroethane

Concen: 0.120 ug/L

RT: 5.34 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VU040567.D

Acq: 08 Oct 2020 17:33

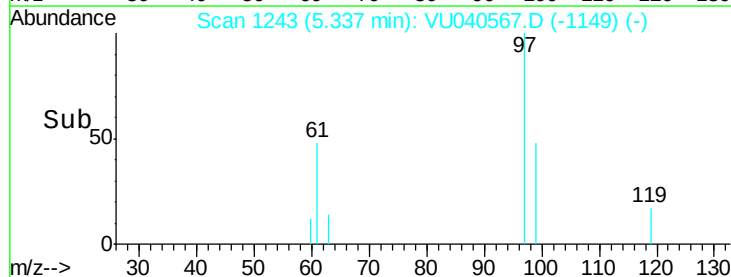
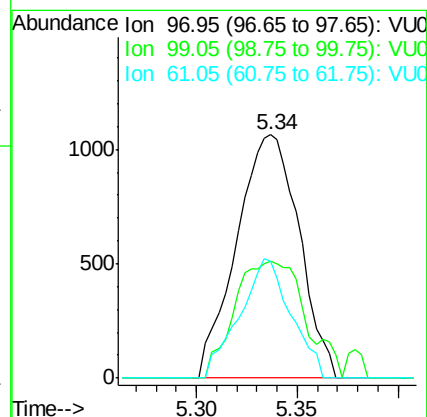
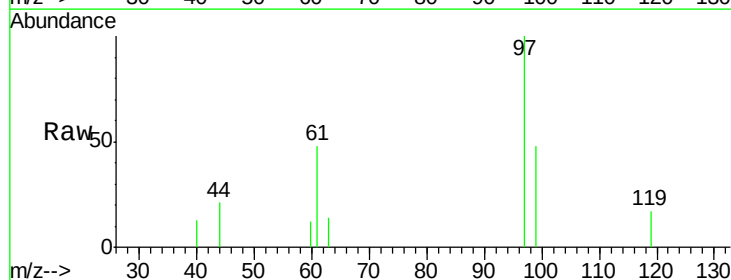
Tgt Ion: 97 Resp: 2298

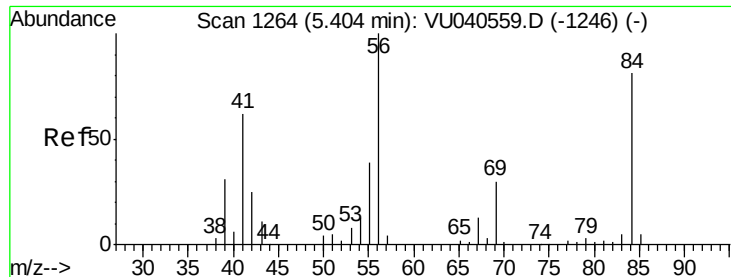
Ion Ratio Lower Upper

97 100

99 54.1 51.3 76.9

61 40.2 39.4 59.2

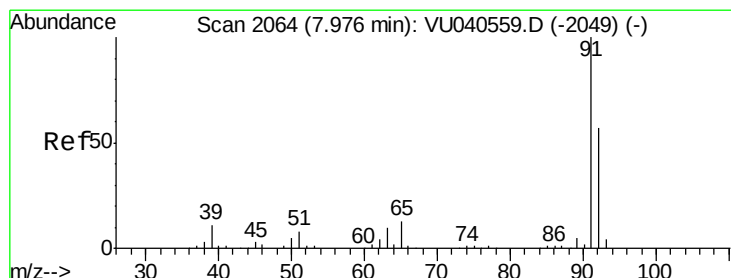
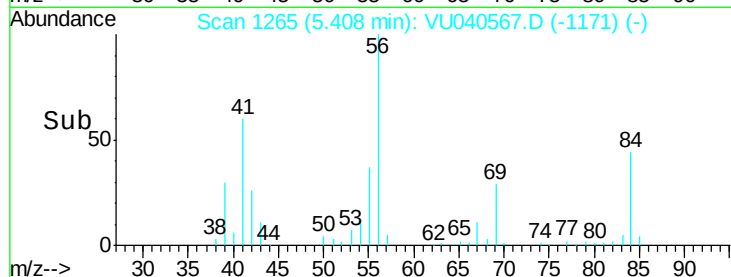
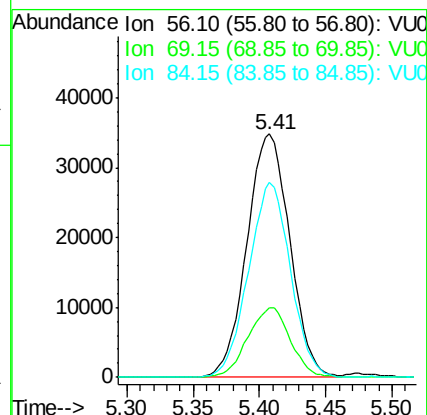
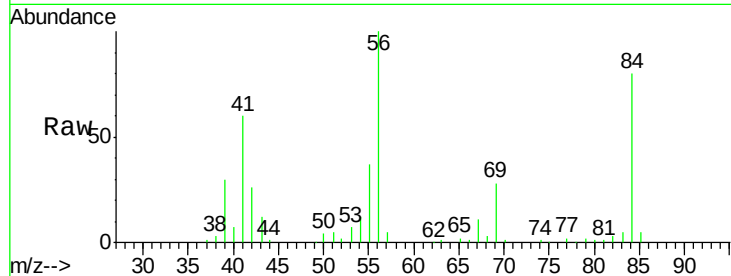




#30
Cyclohexane
Concen: 4.424 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040567.D
Acq: 08 Oct 2020 17:33

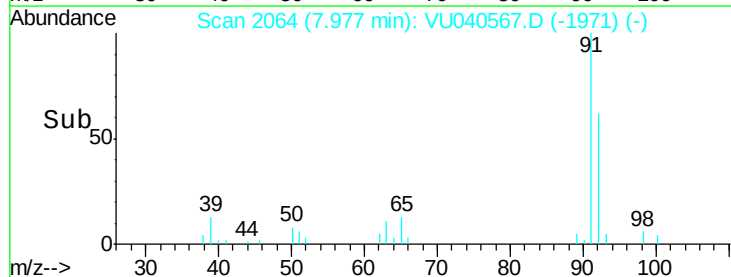
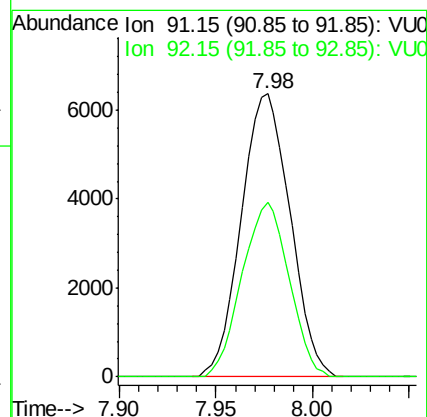
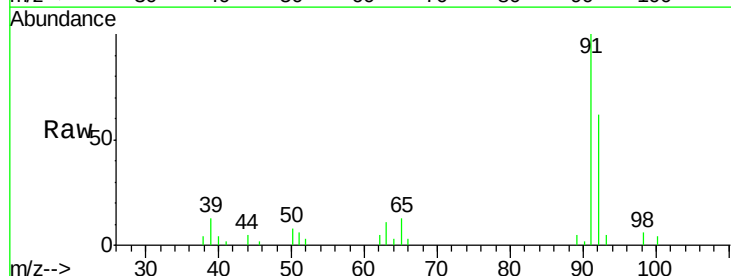
Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL 20X

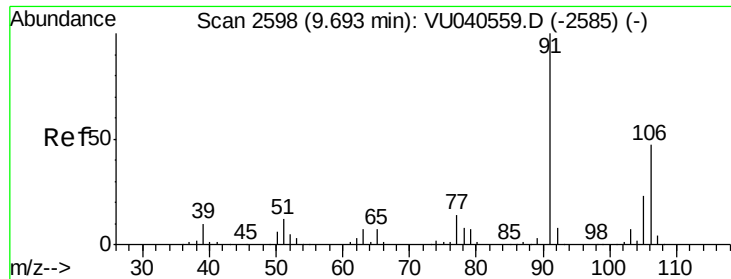
Tot Ion: 56 Resp: 78399
Ion Ratio Lower Upper
56 100
69 28.3 23.8 35.8
84 77.9 64.0 96.0



#42
Toluene
Concen: 0.239 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040567.D
Acq: 08 Oct 2020 17:33

Tgt Ion: 91 Resp: 11184
Ion Ratio Lower Upper
91 100
92 61.6 40.2 74.6





#53

m,p-Xylene

Concen: 0.173 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040567.D

Acq: 08 Oct 2020 17:33

Instrument :

MSVOA_U

ClientSampleId :

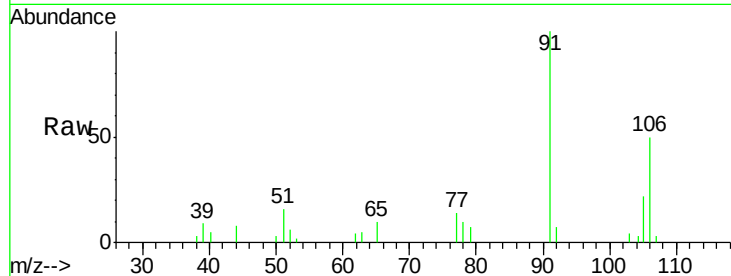
BG3S5DL 20X

Tot Ion:106 Resp: 3191

Ion Ratio Lower Upper

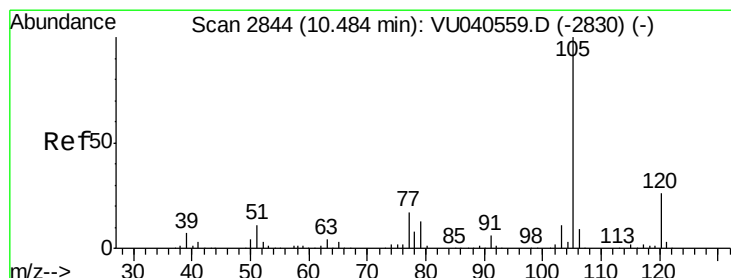
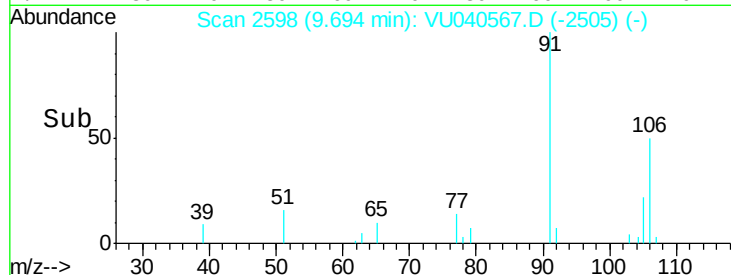
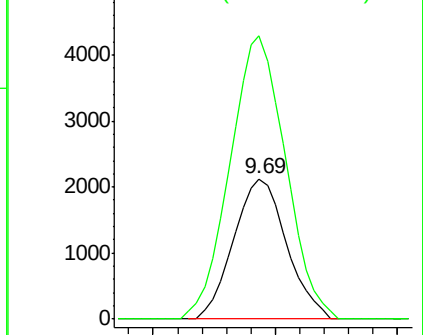
106 100

91 201.8 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#56

Isopropylbenzene

Concen: 0.159 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040567.D

Acq: 08 Oct 2020 17:33

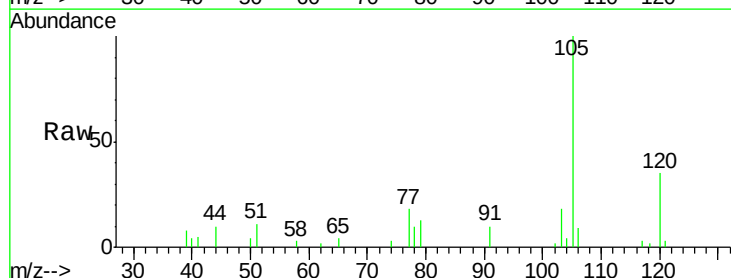
Tgt Ion:105 Resp: 7615

Ion Ratio Lower Upper

105 100

120 29.4 20.6 30.8

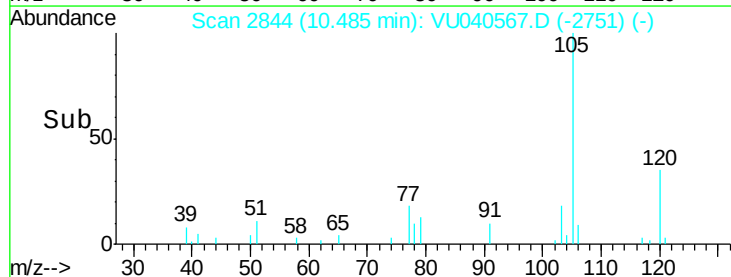
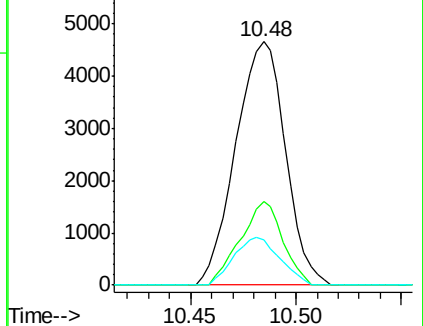
77 18.1 13.8 20.6

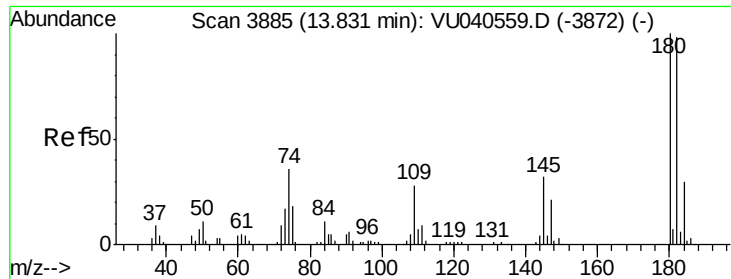


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

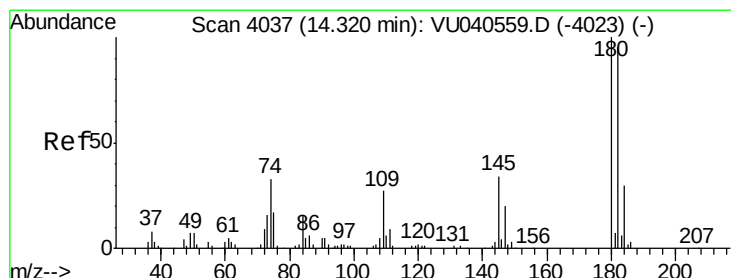
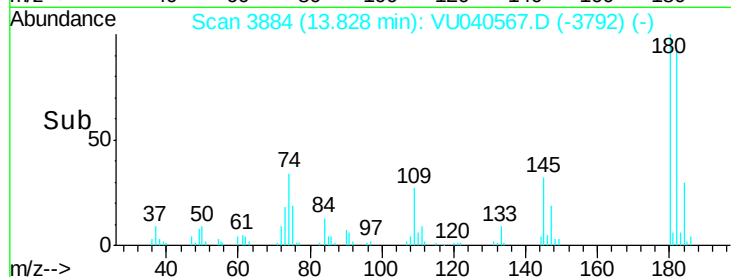
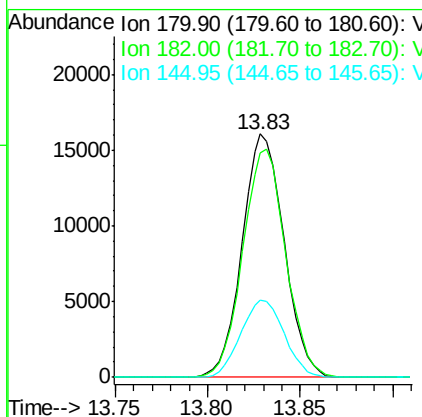
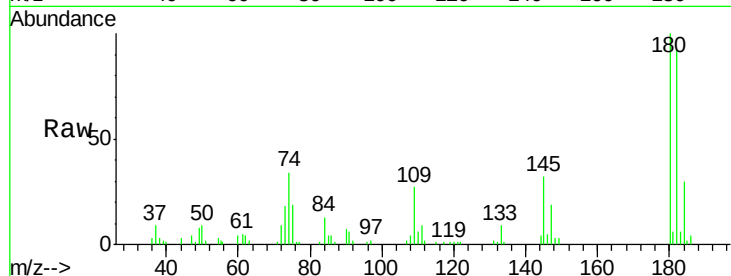




#68
 1,2,4-trichlorobenzene
 Concen: 1.929 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040567.D
 Acq: 08 Oct 2020 17:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3S5DL 20X

Tot Ion:180 Resp: 25348
 Ion Ratio Lower Upper
 180 100
 182 95.7 78.8 118.2
 145 32.6 26.1 39.1



#70
 1,2,3-Trichlorobenzene
 Concen: 0.455 ug/L
 RT: 14.32 min Scan# 4037
 Delta R.T. 0.00 min
 Lab File: VU040567.D
 Acq: 08 Oct 2020 17:33

Tgt Ion:180 Resp: 5550
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.8 113.8
 145 34.8 27.4 41.2

