

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037477.D
 Acq On : 30 Mar 2020 23:06
 Operator : JC/MD
 Sample : L2002-03MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWG6MS

Quant Time: Mar 31 04:27:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 04:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	99567	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	94826	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45922	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29634	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	28070	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.59	63	60814	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.66	46	95143	47.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.98%
24) Chloroform-d	5.11	84	58981	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.74	65	35134	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.76	84	123068	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.72	67	42407	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.92	98	112579	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.20	79	18340	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.66	63	83730	49.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	34746	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	39949	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

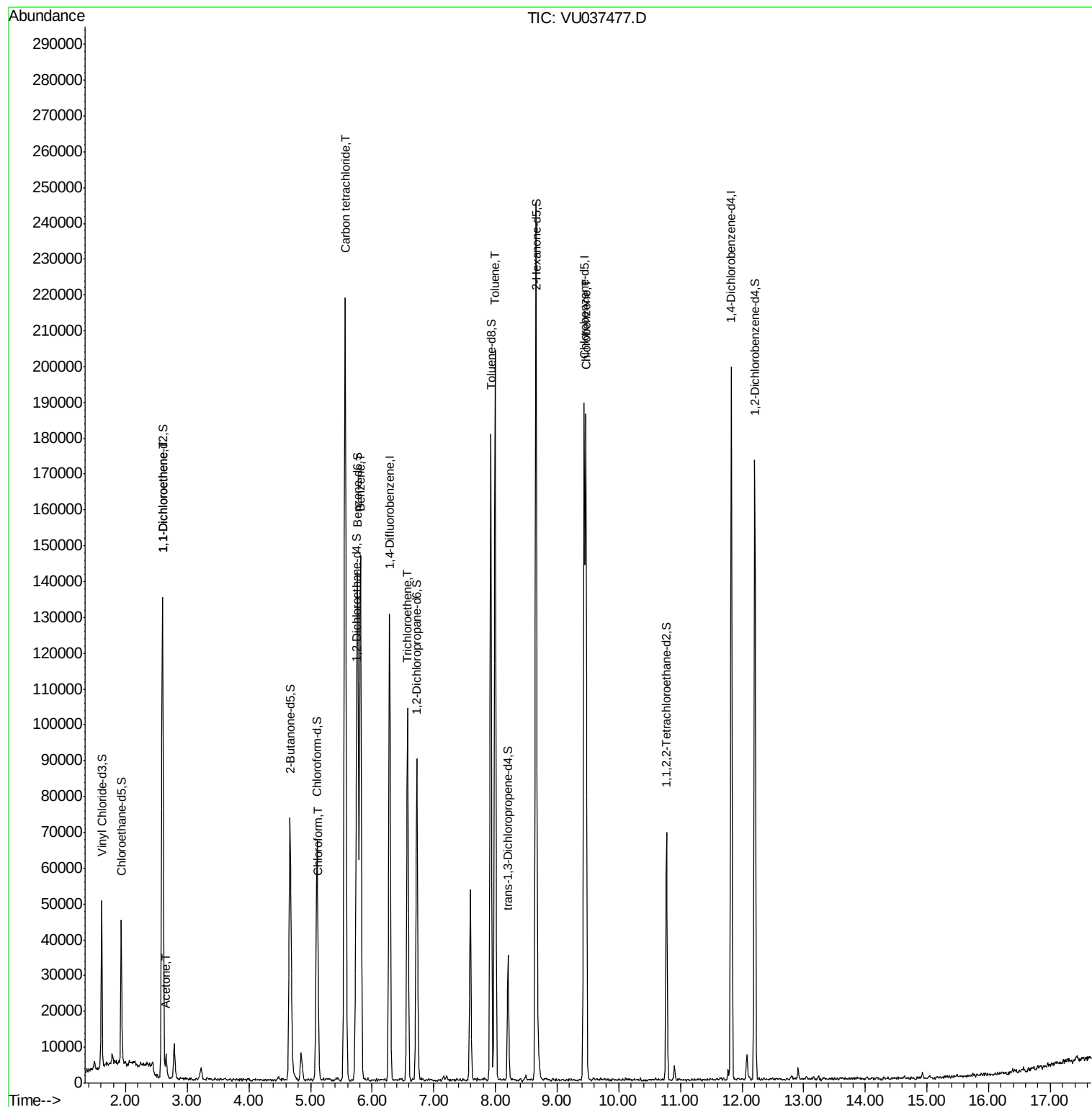
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	28856	4.407	ug/L	98
13) Acetone	2.65	43	7769	6.749	ug/L	99
25) Chloroform	5.13	83	5249	0.390	ug/L	99
31) Carbon tetrachloride	5.56	117	142277	13.826	ug/L	100
33) Benzene	5.81	78	132951	4.735	ug/L	100
34) Trichloroethene	6.57	95	34627	4.329	ug/L	96
42) Toluene	8.00	91	142963	4.724	ug/L	97
51) Chlorobenzene	9.47	112	86502	4.137	ug/L	99

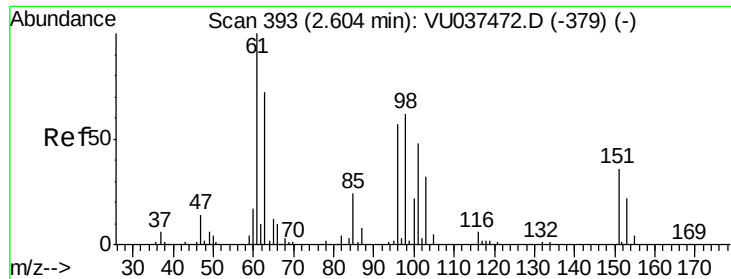
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 31 04:01:00 2020
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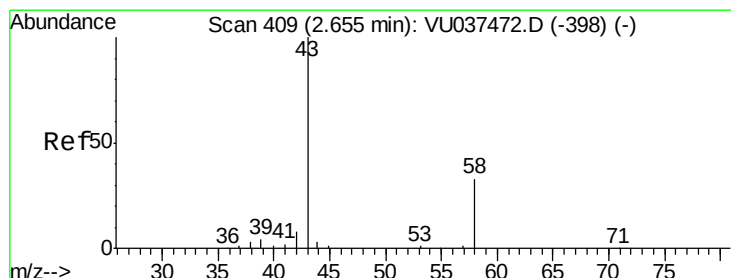
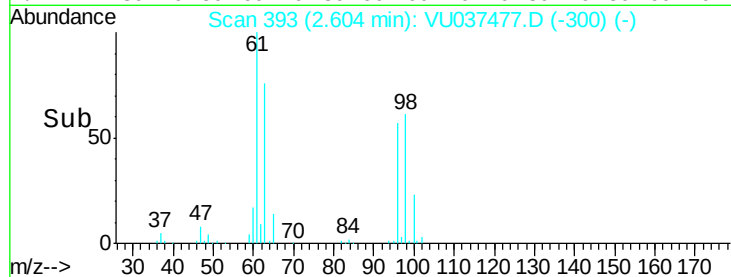
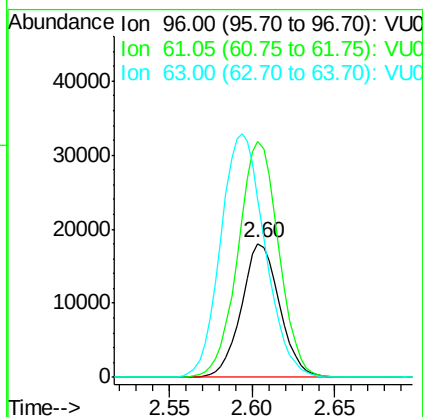
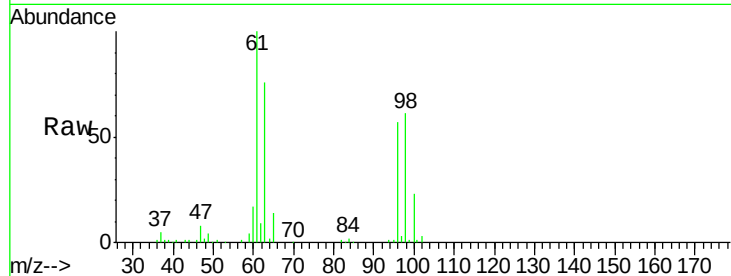




#12
 1,1-Dichloroethene
 Concen: 4.407 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU037477.D
 Acq: 30 Mar 2020 23:06

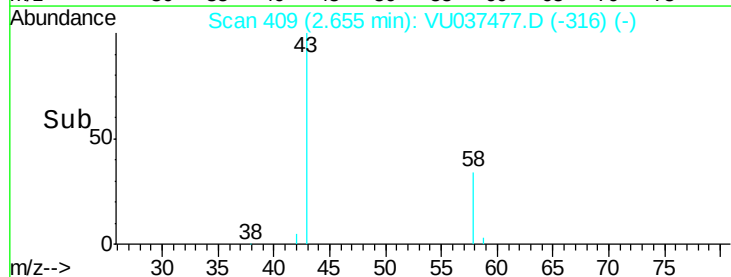
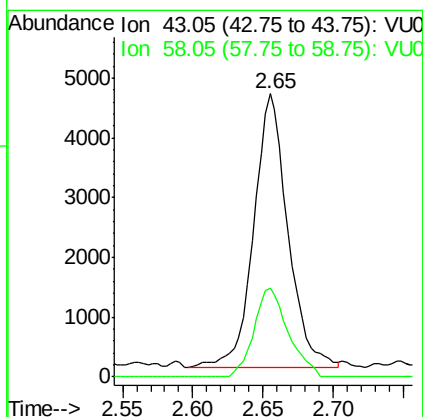
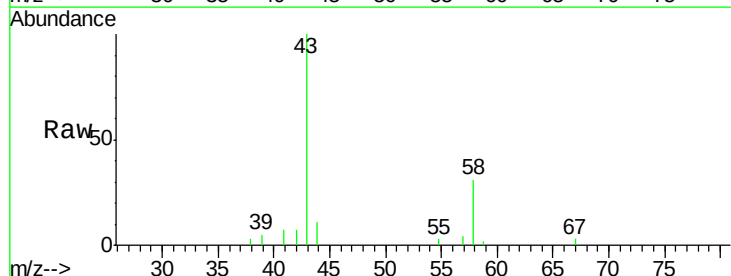
Instrument :
 MSVOA_U
 ClientSampleId :
 GAWG6MS

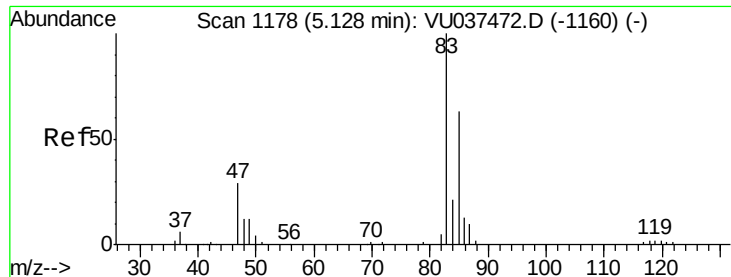
Tot Ion	Ratio	Lower	Upper
96	100		
61	176.2	125.4	232.8
63	133.2	90.9	168.7



#13
 Acetone
 Concen: 6.749 ug/L
 RT: 2.65 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VU037477.D
 Acq: 30 Mar 2020 23:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	66.0

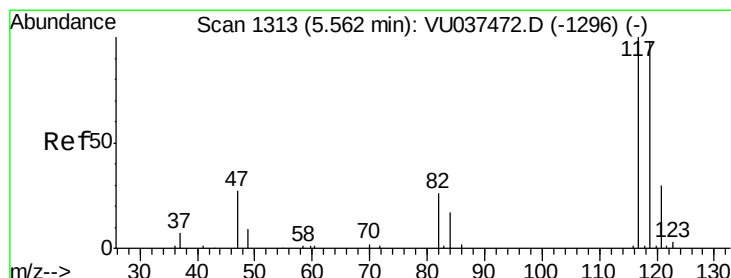
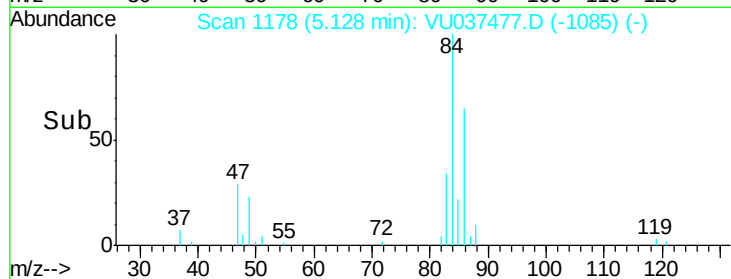
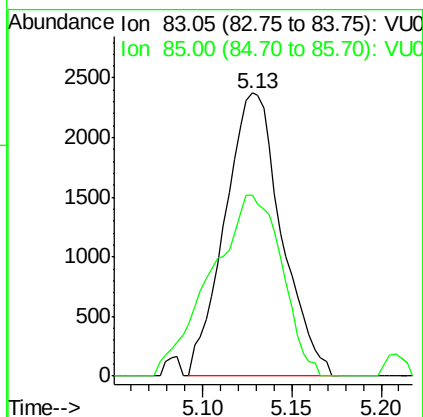
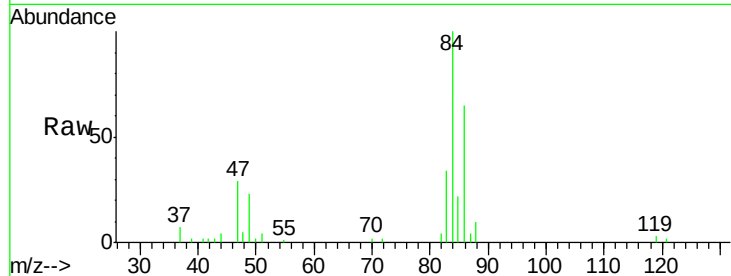




#25
Chloroform
Concen: 0.390 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037477.D
Acq: 30 Mar 2020 23:06

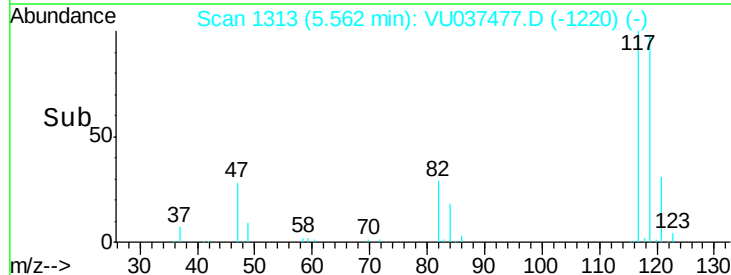
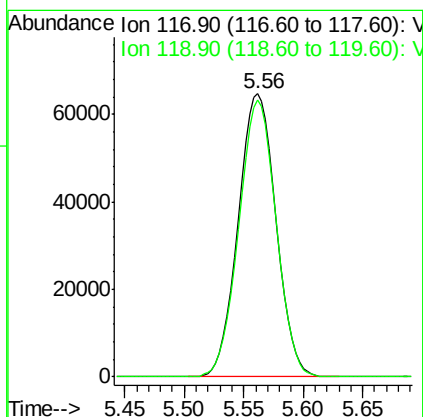
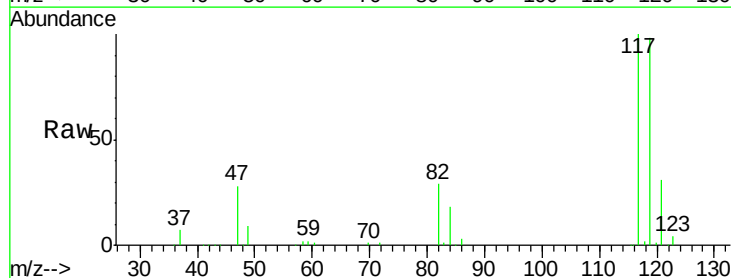
Instrument :
MSVOA_U
ClientSampleId :
GAWG6MS

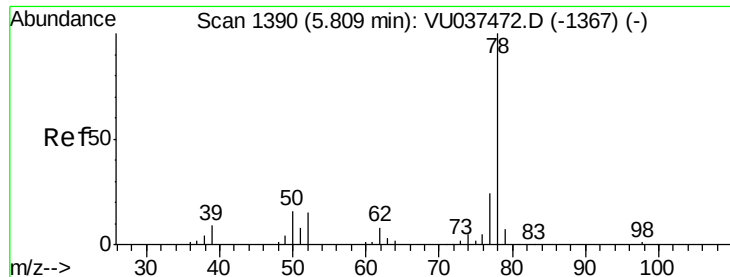
Tot Ion: 83 Resp: 5249
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.4



#31
Carbon tetrachloride
Concen: 13.826 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. -0.00 min
Lab File: VU037477.D
Acq: 30 Mar 2020 23:06

Tgt Ion: 117 Resp: 142277
Ion Ratio Lower Upper
117 100
119 96.6 77.7 116.5





#33

Benzene

Concen: 4.735 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU037477.D

Acq: 30 Mar 2020 23:06

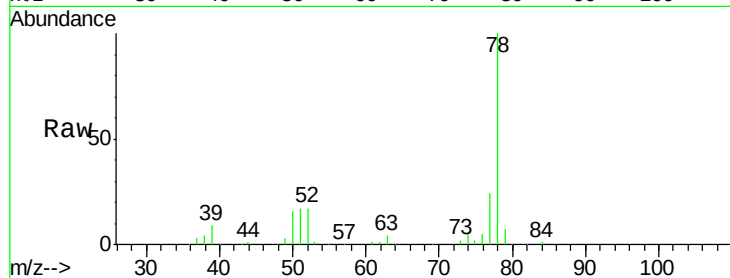
Instrument :

MSVOA_U

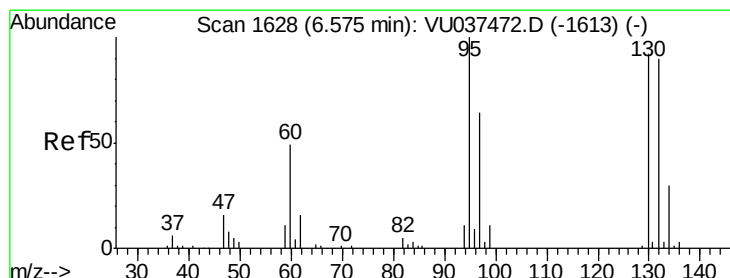
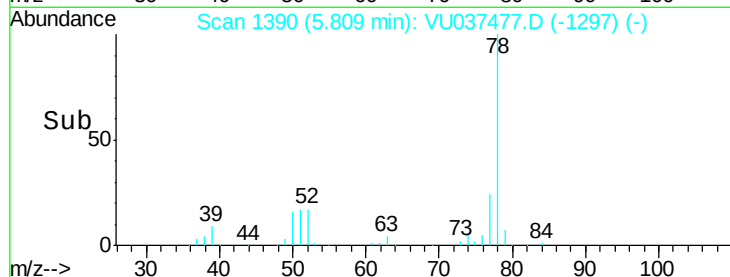
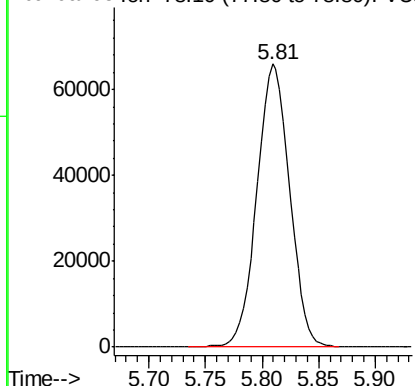
ClientSampled :

GAWG6MS

Tgt Ion: 78 Resp: 132951



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.329 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037477.D

Acq: 30 Mar 2020 23:06

Tgt Ion: 95 Resp: 34627

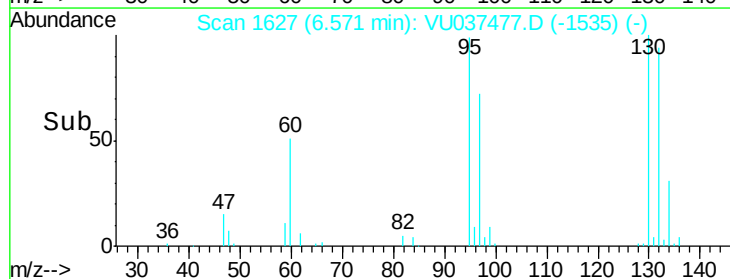
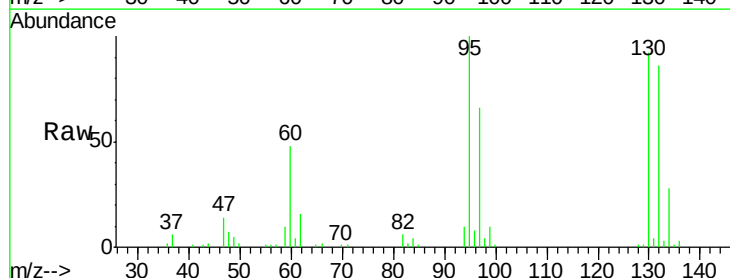
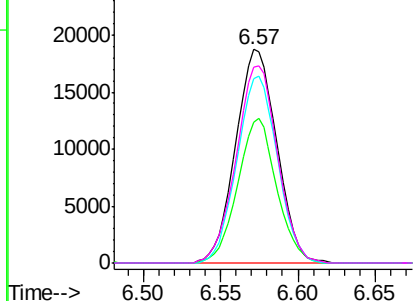
Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.3	84.1
132	86.5	62.7	116.5
130	91.6	69.1	128.3

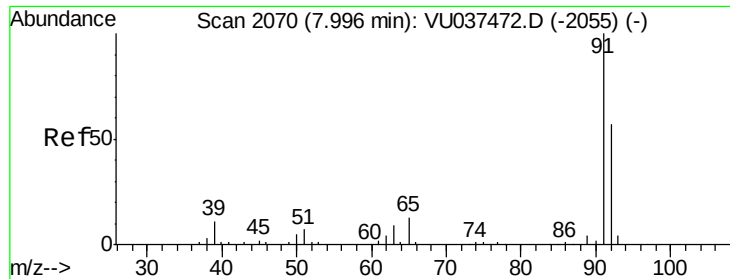
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.724 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037477.D

Acq: 30 Mar 2020 23:06

Instrument :

MSVOA_U

ClientSampleId :

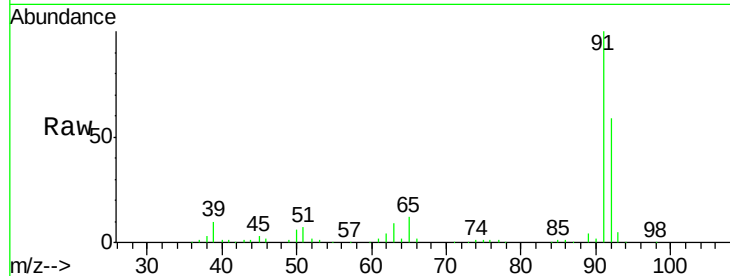
GAWG6MS

Tot Ion: 91 Resp: 142963

Ion Ratio Lower Upper

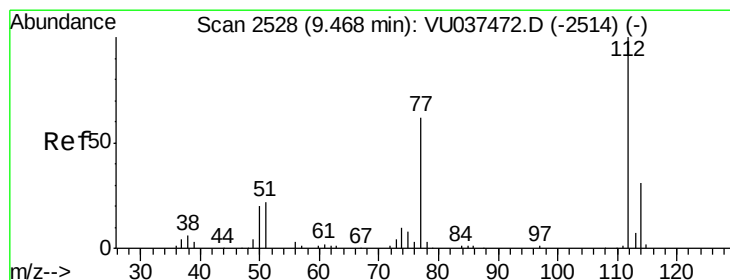
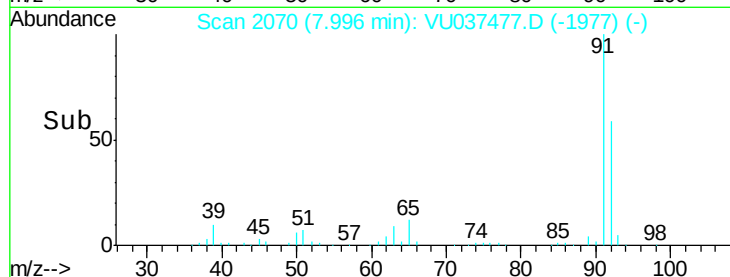
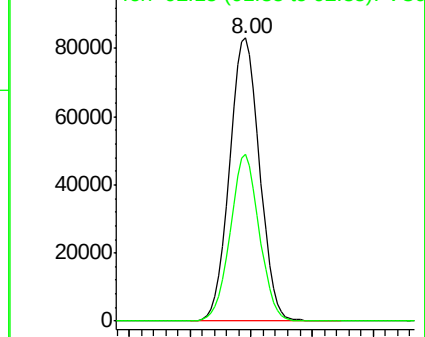
91 100

92 59.0 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU037477.D (-1977) (-)

Ion 92.15 (91.85 to 92.85): VU037477.D (-1977) (-)



#51

Chlorobenzene

Concen: 4.137 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037477.D

Acq: 30 Mar 2020 23:06

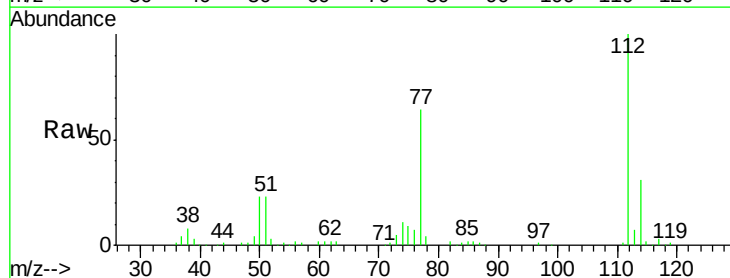
Tgt Ion: 112 Resp: 86502

Ion Ratio Lower Upper

112 100

114 31.5 22.4 41.6

77 64.0 50.5 75.7



Abundance Ion 112.10 (111.80 to 112.80): VU037477.D (-2435) (-)

Ion 114.05 (113.75 to 114.75): VU037477.D (-2435) (-)

Ion 77.10 (76.80 to 77.80): VU037477.D (-2435) (-)

