

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
 Data File : VU039604.D
 Acq On : 21 Jul 2020 18:05
 Operator : SY/MD
 Sample : L3348-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 GAXZ3

Quant Time: Jul 22 03:09:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 02:01:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	108086	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	100180	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30656	6.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.20%
7) Chloroethane-d5	1.92	69	32572	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.00%
11) 1,1-Dichloroethene-d2	2.58	63	47567	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.65	46	107318	47.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.84%
24) Chloroform-d	5.09	84	60102	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	40136	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.75	84	122840	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.71	67	40002	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.91	98	111240	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.19	79	15144	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.64	63	81570	48.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32821	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	41724	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

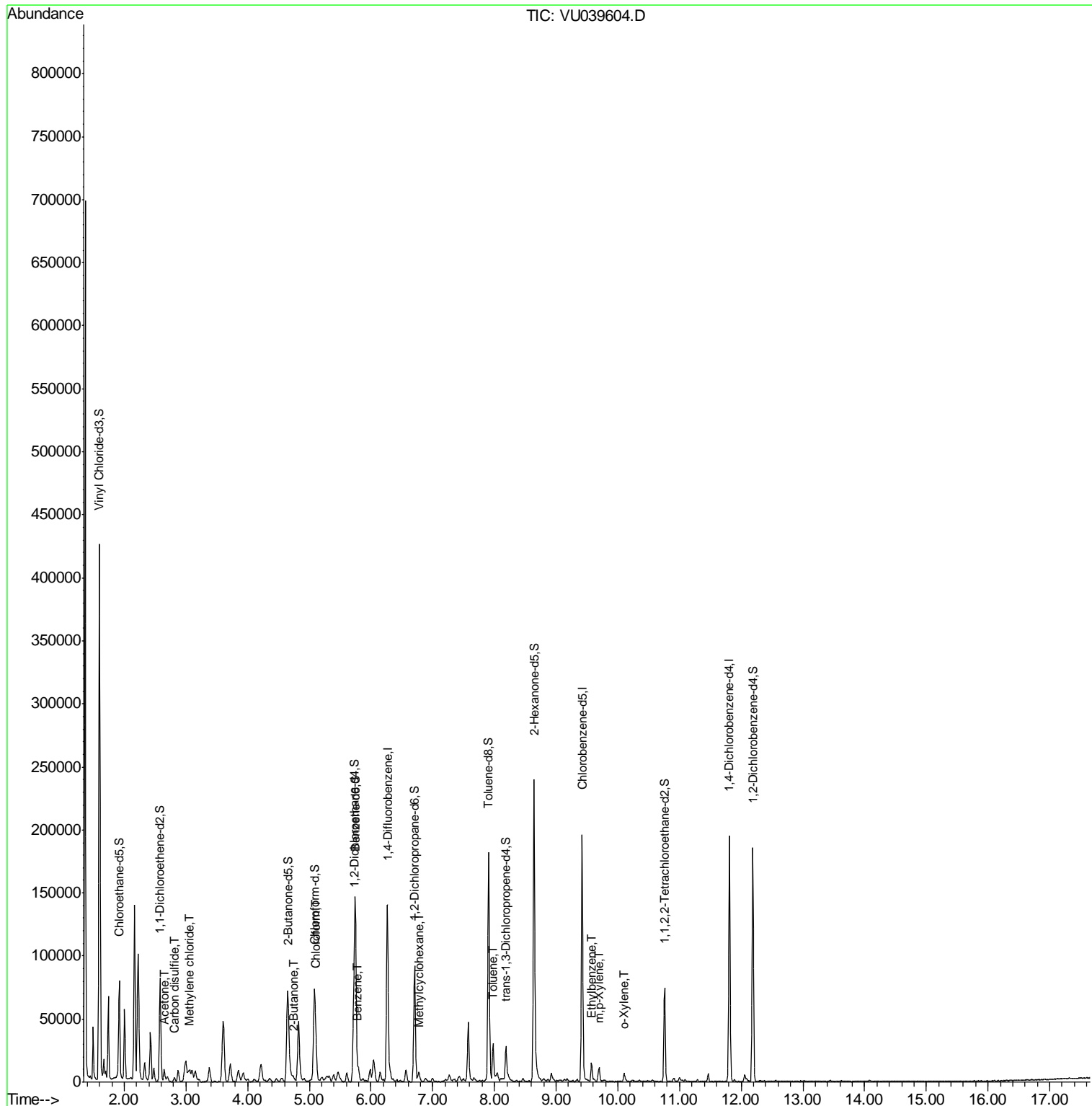
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.65	43	8560	6.797	ug/L	94
14) Carbon disulfide	2.81	76	2484	0.162	ug/L #	76
16) Methylene chloride	3.06	84	3024	0.409	ug/L	92
21) 2-Butanone	4.74	43	4017	1.841	ug/L	94
25) Chloroform	5.11	83	10681	0.805	ug/L	99
33) Benzene	5.79	78	7937	0.330	ug/L	100
35) Methylcyclohexane	6.78	83	1636	0.168	ug/L #	81
42) Toluene	7.98	91	17409	0.661	ug/L	96
52) Ethylbenzene	9.57	91	10349	0.345	ug/L	95
53) m,p-Xylene	9.69	106	2837	0.254	ug/L	83
54) o-Xylene	10.10	106	1526	0.140	ug/L	90

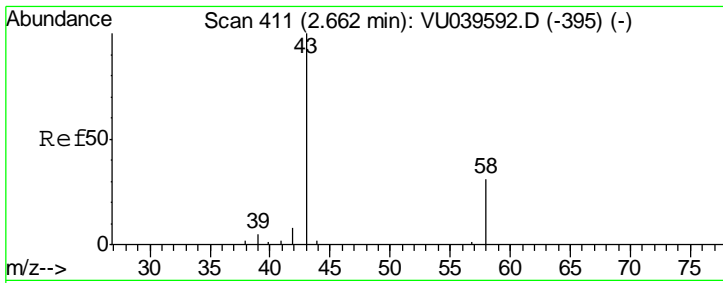
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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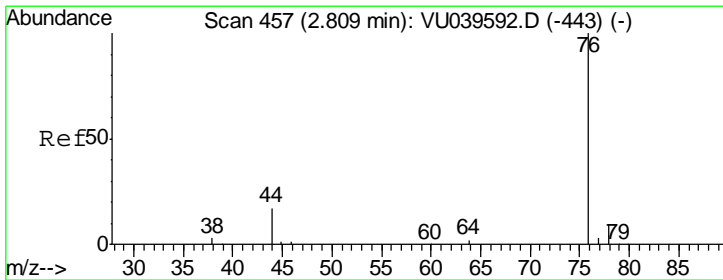
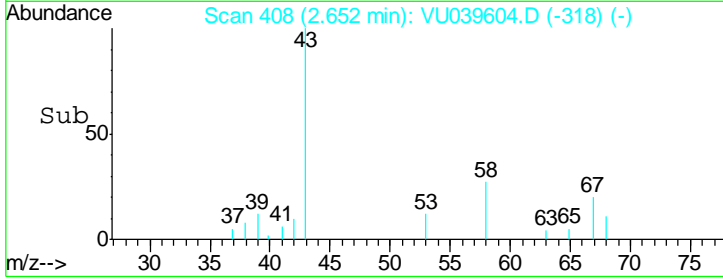
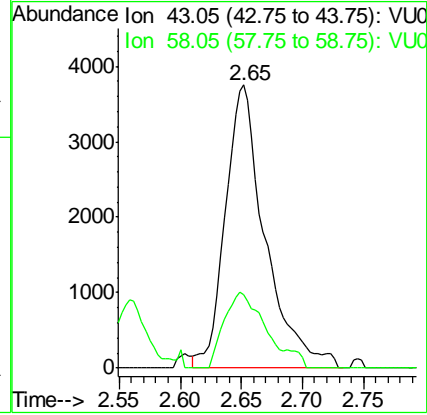
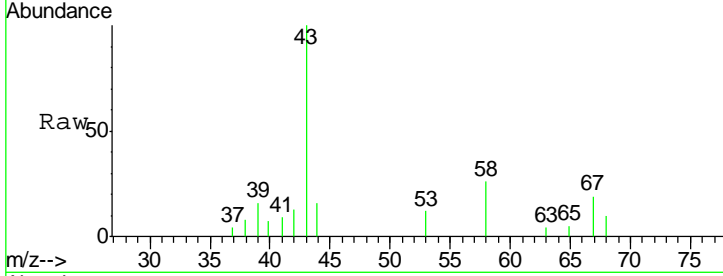




#13
 Acetone
 Concen: 6.797 ug/L
 RT: 2.65 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VU039604.D
 Acq: 21 Jul 2020 18:05

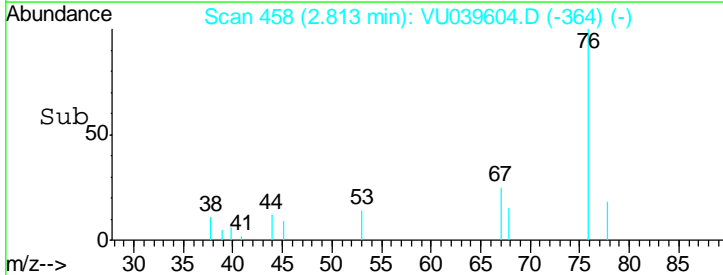
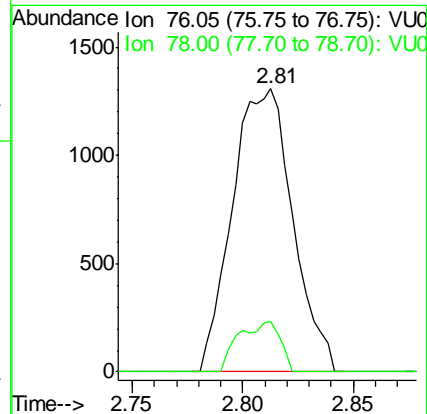
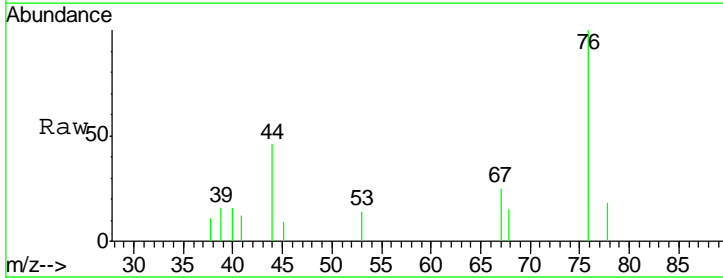
Instrument :
 MSVOA_U
 ClientSampled :
 GAXZ3

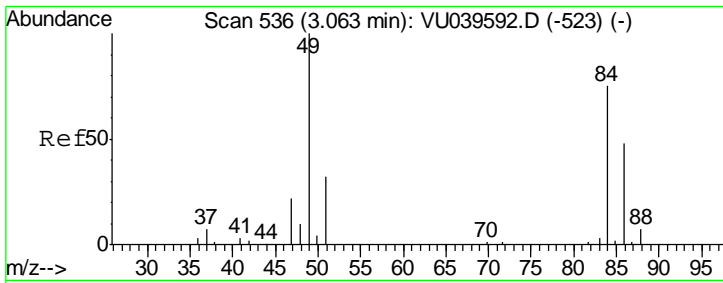
Tgt Ion	Resp	Lower	Upper
43	8560		
43	100		
58	26.3	0.0	59.0



#14
 Carbon disulfide
 Concen: 0.162 ug/L
 RT: 2.81 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: VU039604.D
 Acq: 21 Jul 2020 18:05

Tgt Ion	Resp	Lower	Upper
76	2484		
76	100		
78	17.8	7.2	10.8#

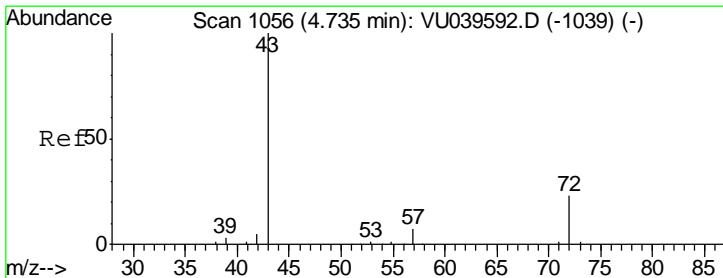
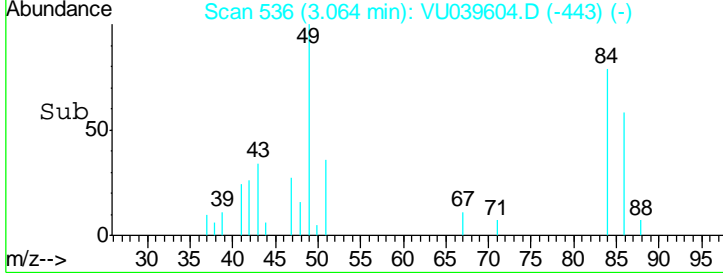
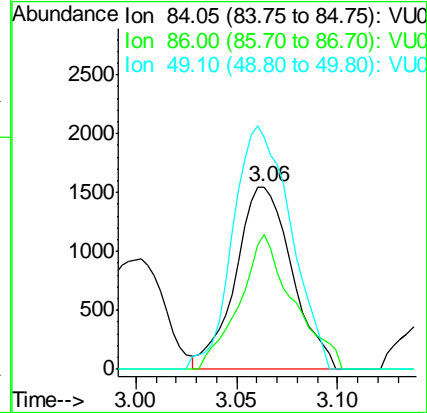
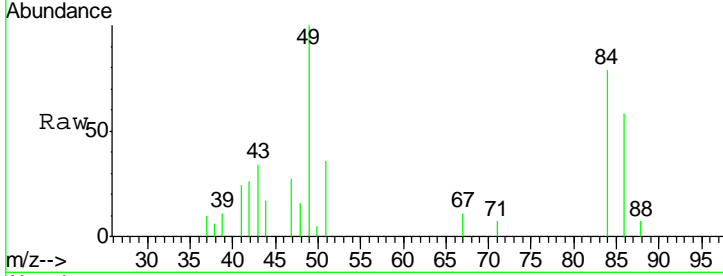




#16
 Methylene chloride
 Concen: 0.409 ug/L
 RT: 3.06 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VU039604.D
 Acq: 21 Jul 2020 18:05

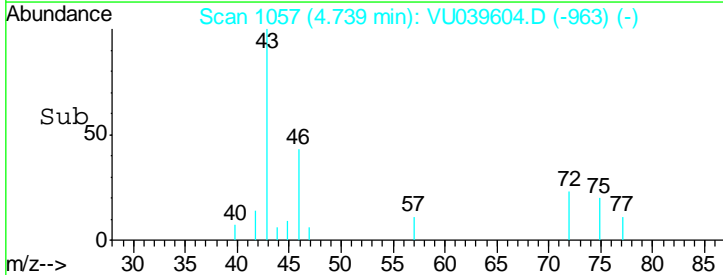
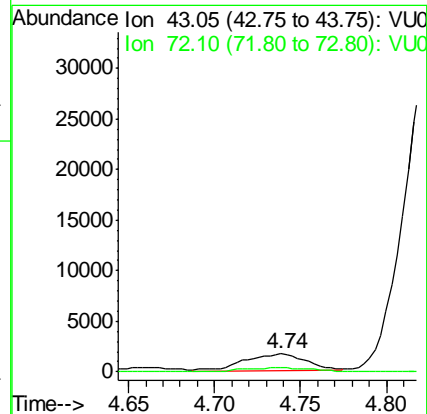
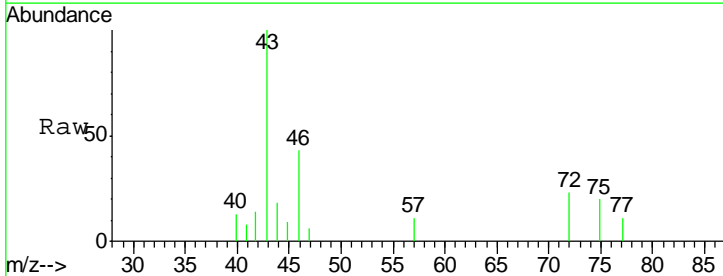
Instrument :
 MSVOA_U
 ClientSampled :
 GAXZ3

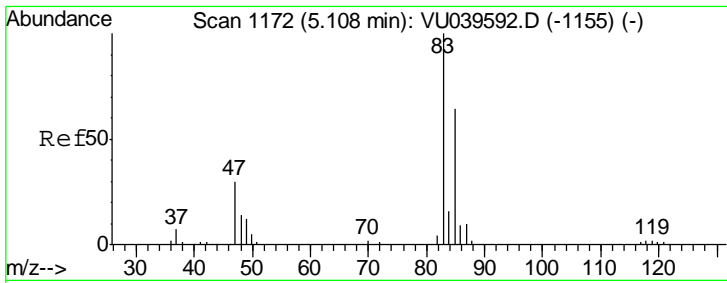
Tgt Ion	Resp	Lower	Upper
84	100		
86	74.1	43.8	81.4
49	126.8	92.7	172.3



#21
 2-Butanone
 Concen: 1.841 ug/L
 RT: 4.74 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: VU039604.D
 Acq: 21 Jul 2020 18:05

Tgt Ion	Resp	Lower	Upper
43	100		
72	27.2	12.2	36.4

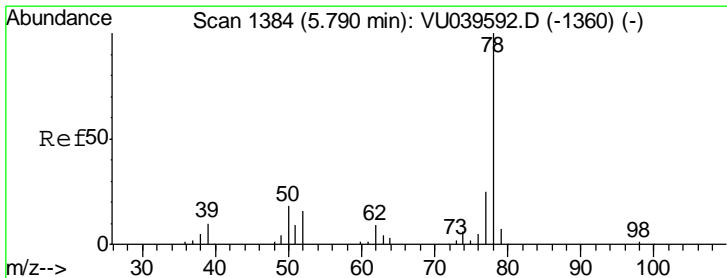
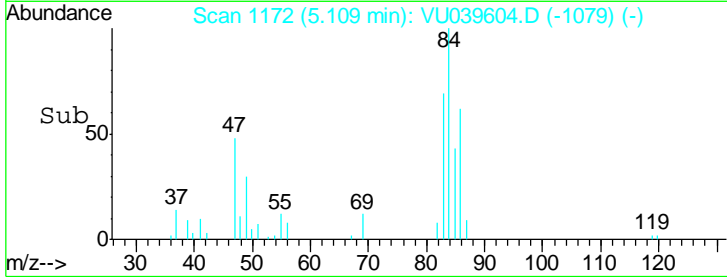
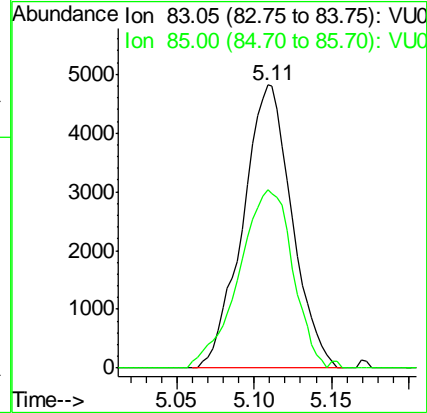
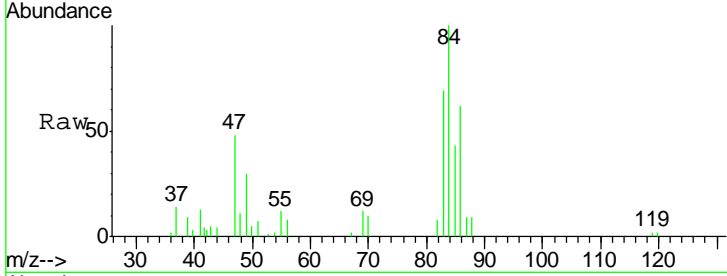




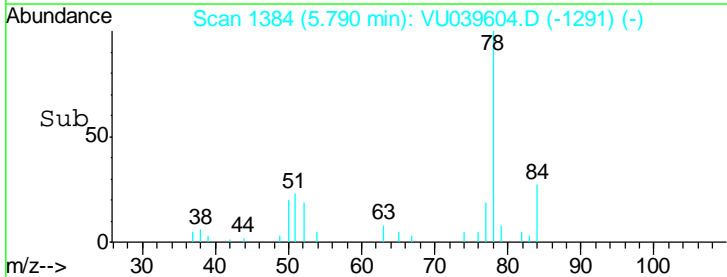
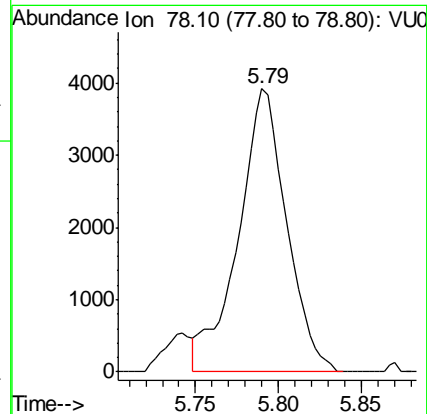
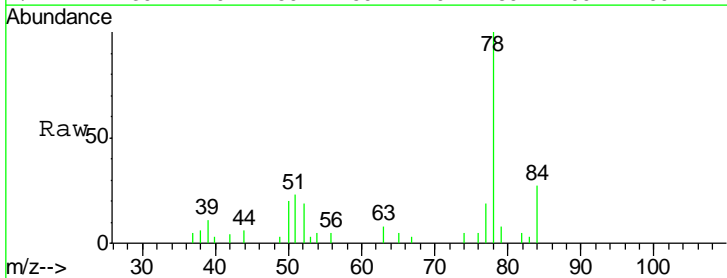
#25
 Chloroform
 Concen: 0.805 ug/L
 RT: 5.11 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU039604.D
 Acq: 21 Jul 2020 18:05

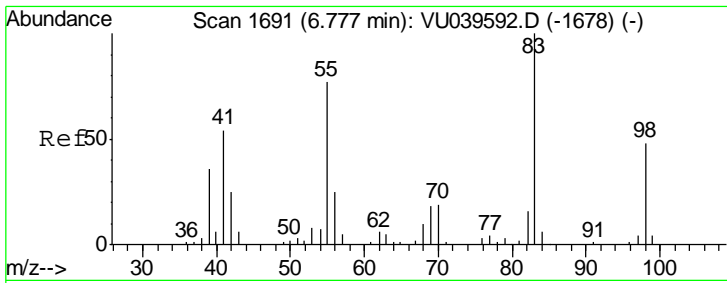
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 ClientSampled :
 GAXZ3

Tgt Ion: 83 Resp: 10681
 Ion Ratio Lower Upper
 83 100
 85 62.9 44.4 82.5



#33
 Benzene
 Concen: 0.330 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: VU039604.D
 Acq: 21 Jul 2020 18:05
 Tgt Ion: 78 Resp: 7937

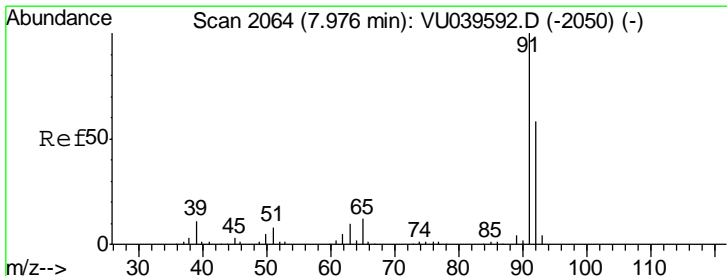
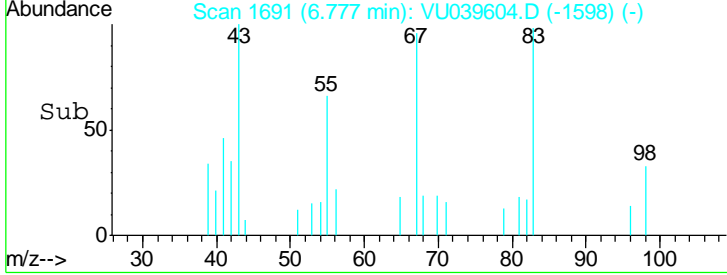
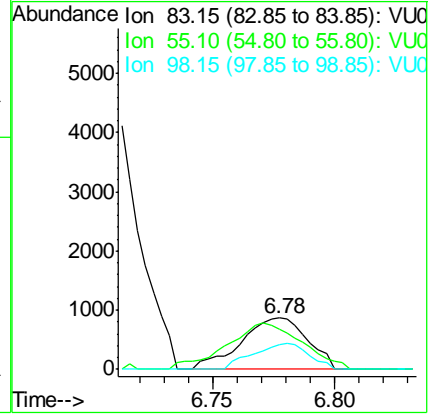
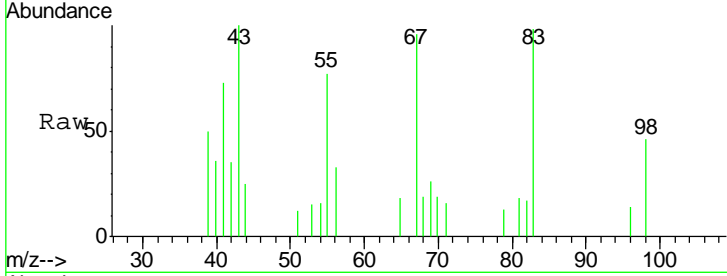




#35
 Methylcyclohexane
 Concen: 0.168 ug/L
 RT: 6.78 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: VU039604.D
 Acq: 21 Jul 2020 18:05

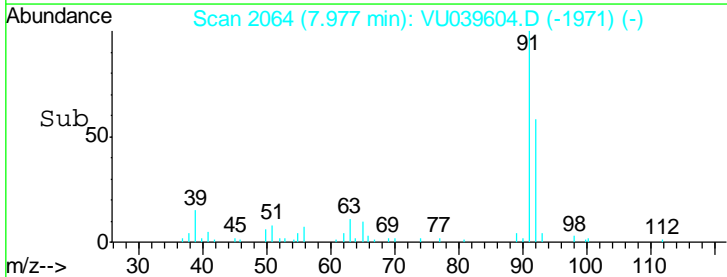
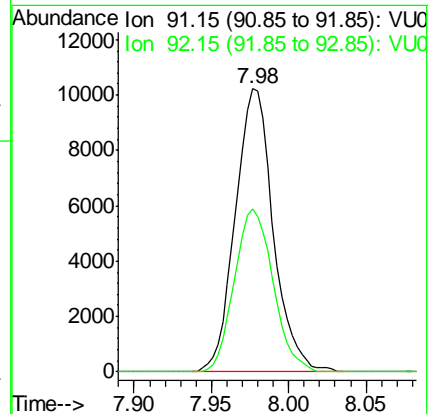
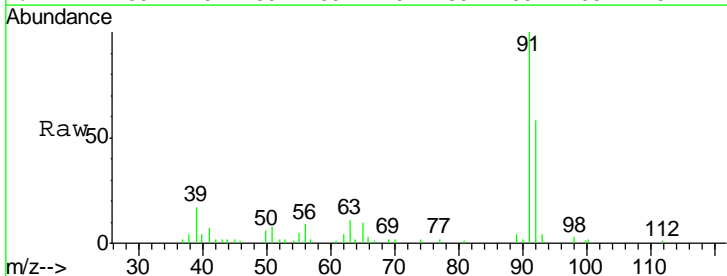
Instrument :
 MSVOA_U
ClientSampled :
 GAXZ3

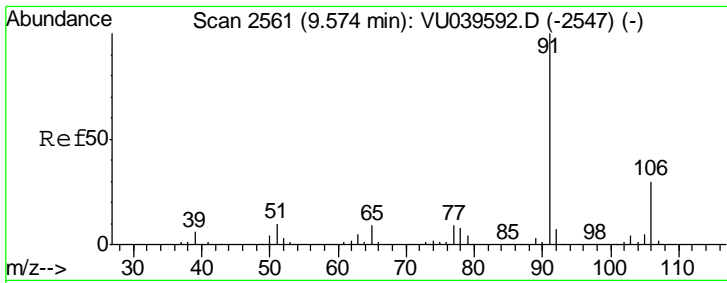
Tgt Ion	Resp	Lower	Upper
83	1636		
55	102.7	63.0	94.6#
98	42.3	35.3	52.9



#42
 Toluene
 Concen: 0.661 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU039604.D
 Acq: 21 Jul 2020 18:05

Tgt Ion	Resp	Lower	Upper
91	17409		
92	57.7	38.6	71.6

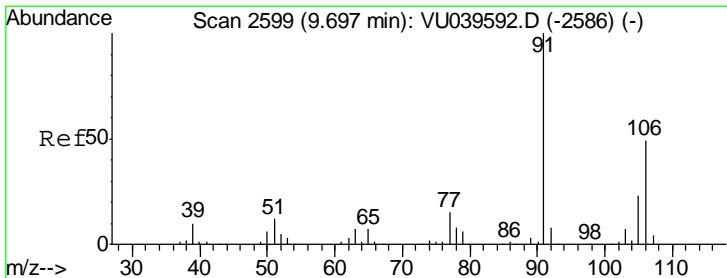
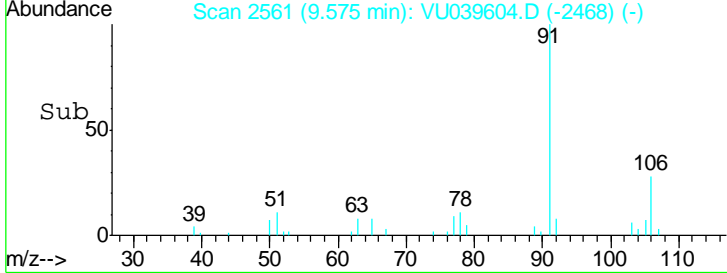
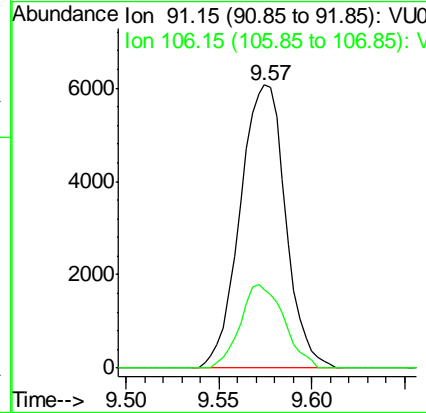
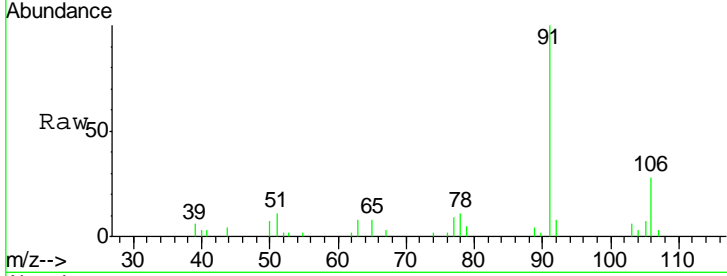




#52
 Ethylbenzene
 Concen: 0.345 ug/L
 RT: 9.57 min Scan# 2561
 Delta R.T. 0.00 min
 Lab File: VU039604.D
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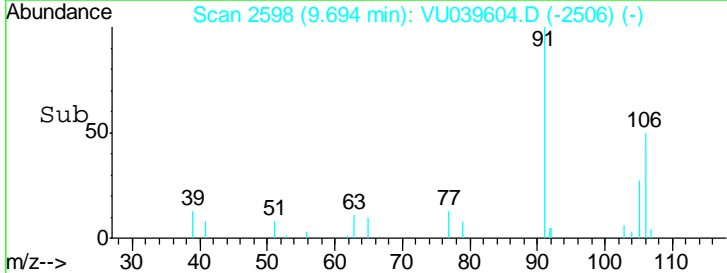
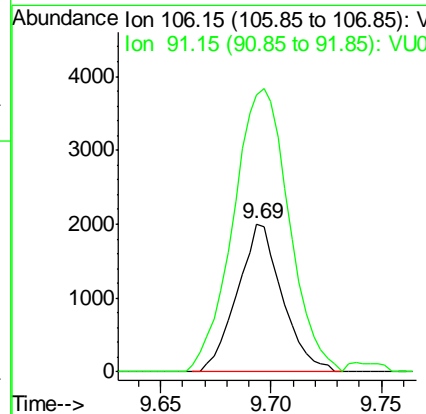
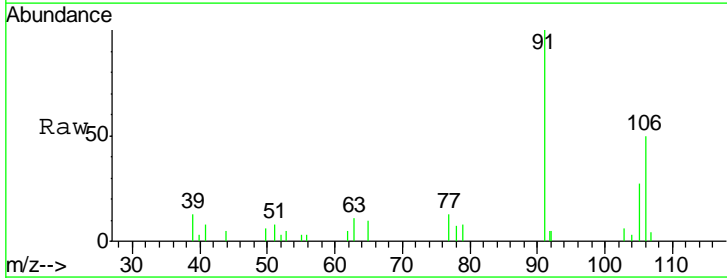
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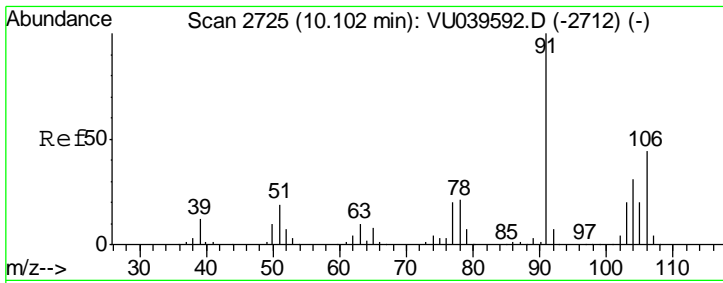
Tgt Ion: 91 Resp: 10349
 Ion Ratio Lower Upper
 91 100
 106 27.8 21.3 39.6



#53
 m,p-Xylene
 Concen: 0.254 ug/L
 RT: 9.69 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: VU039604.D
 Acq: 21 Jul 2020 18:05

Tgt Ion: 106 Resp: 2837
 Ion Ratio Lower Upper
 106 100
 91 187.1 149.3 277.3





#54
 o-Xylene
 Concen: 0.140 ug/L
 RT: 10.10 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VU039604.D
 Acq: 21 Jul 2020 18:05

Instrument : MSVOA_U
 ClientSampled : GAXZ3

Tgt Ion: 106 Resp: 1526
 Ion Ratio Lower Upper
 106 100
 91 209.1 157.4 292.4

