

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035356.D
 Acq On : 22 Oct 2019 11:31
 Operator : JC/SP
 Sample : K5461-15MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G66MSD

Quant Time: Oct 24 13:39:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 06:48:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	300537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	293752	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	116760	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	77246	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.93	69	78444	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.60	63	147435	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.70	46	271094	51.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.96%
24) Chloroform-d	5.11	84	160225	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.75	65	91664	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.77	84	328739	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.74	67	113741	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.93	98	287284	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.22	79	41005	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.68	63	213785	46.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	97142	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	99097	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

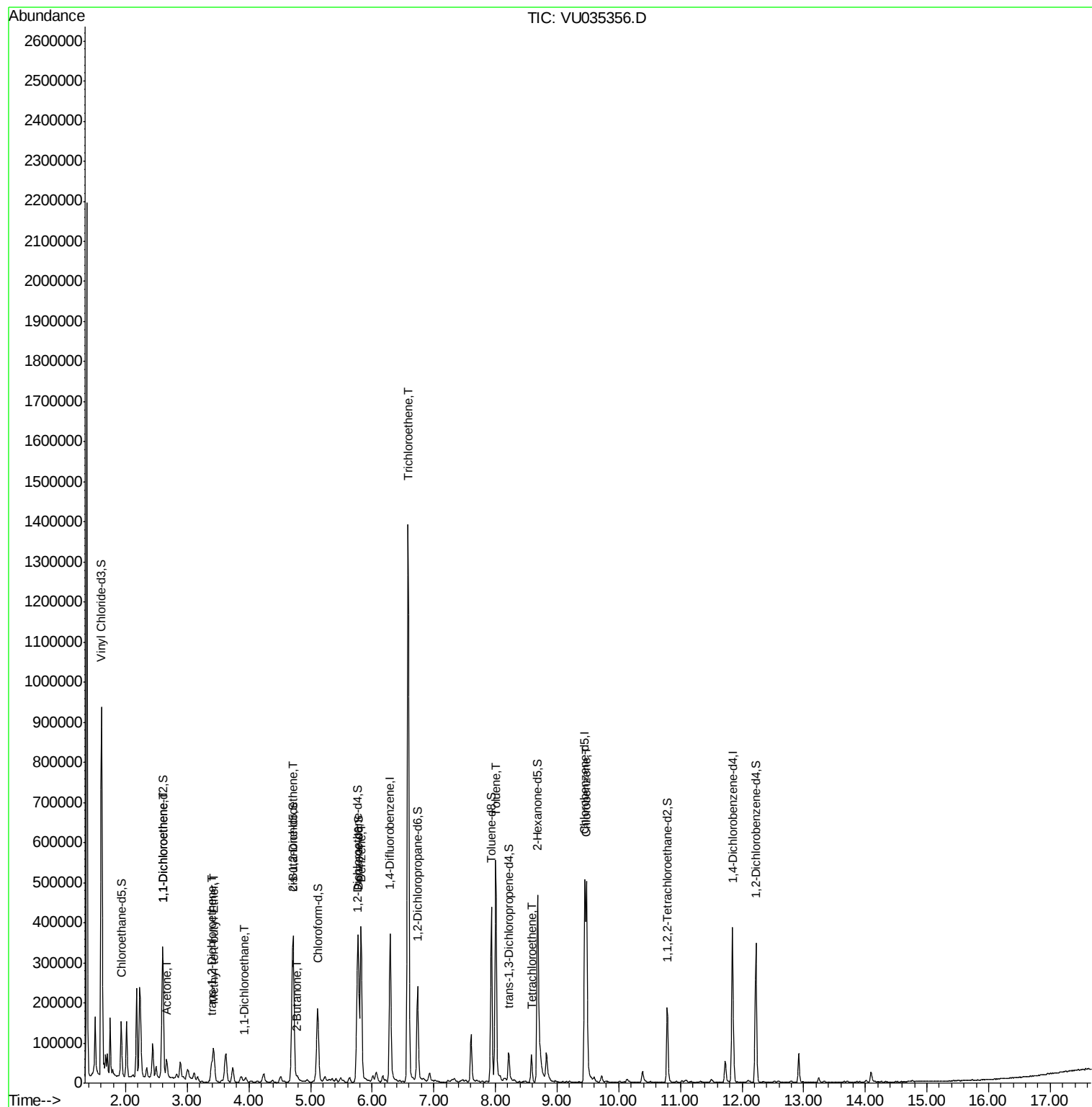
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.61	96	68880	3.568	ug/L	93
13) Acetone	2.67	43	30222	8.250	ug/L	96
17) Methyl tert-butyl Ether	3.43	73	88374	1.701	ug/L #	95
18) trans-1,2-Dichloroethene	3.39	96	7220	0.346	ug/L	95
19) 1,1-Dichloroethane	3.92	63	3552	0.094	ug/L #	84
21) 2-Butanone	4.78	43	14059	2.355	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	126660	5.500	ug/L	97
33) Benzene	5.82	78	361313	4.180	ug/L	100
34) Trichloroethene	6.58	95	466704	20.085	ug/L	98
42) Toluene	8.01	91	404419	4.239	ug/L	98
47) Tetrachloroethene	8.58	164	15786	0.815	ug/L	99
51) Chlorobenzene	9.48	112	260633	4.231	ug/L	99

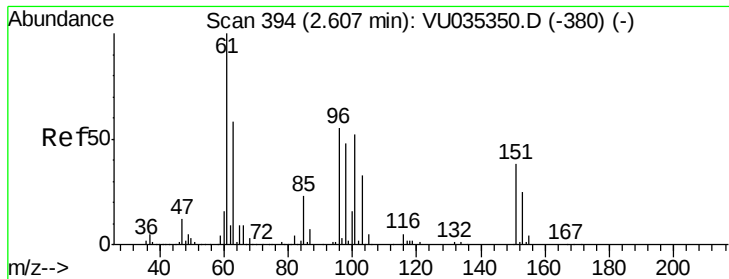
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102219\
Data File : VU035356.D
Acq On : 22 Oct 2019 11:31
Operator : JC/SP
Sample : K5461-15MSD
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G66MSD

Quant Time: Oct 24 13:39:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.568 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU035356.D

Acq: 22 Oct 2019 11:31

Instrument :

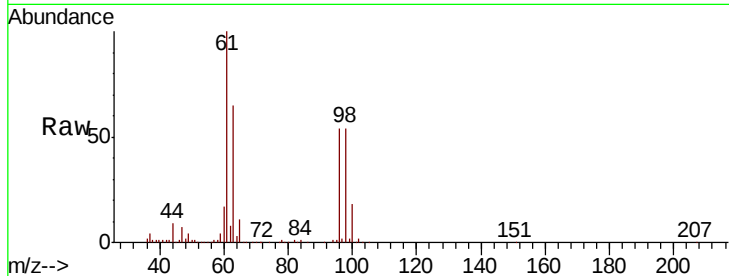
MSVOA_U

ClientSampleId :

H0G66MSD

Tot Ion: 96 Resp: 68880

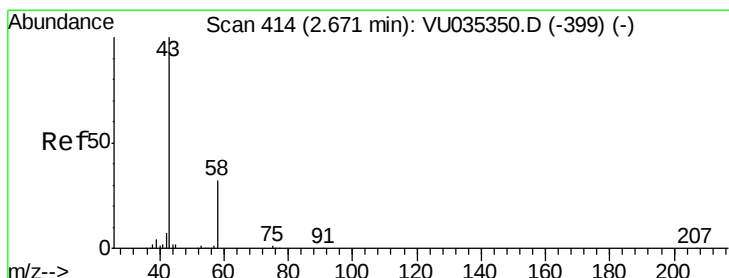
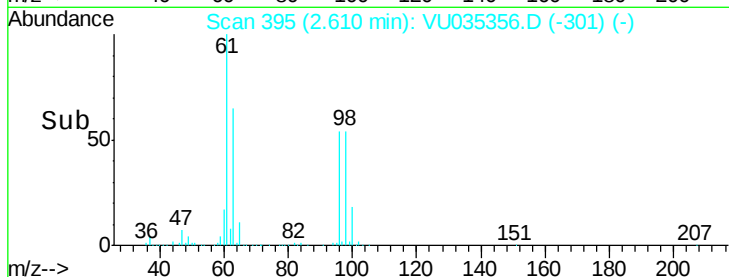
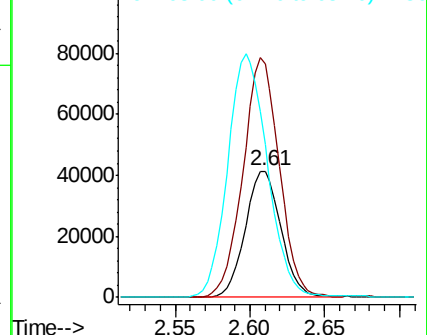
Ion	Ratio	Lower	Upper
96	100		
61	185.5	120.6	224.0
63	120.8	86.8	161.2



Abundance Ion 96.00 (95.70 to 96.70): VU035350.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU035356.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035356.D (-301) (-)



#13

Acetone

Concen: 8.250 ug/L

RT: 2.67 min Scan# 414

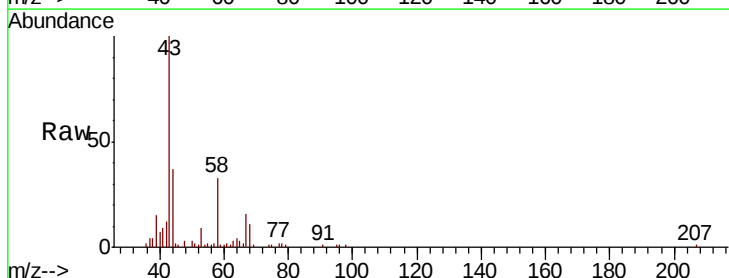
Delta R.T. -0.00 min

Lab File: VU035356.D

Acq: 22 Oct 2019 11:31

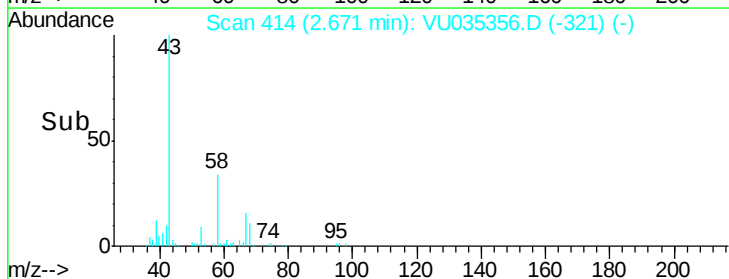
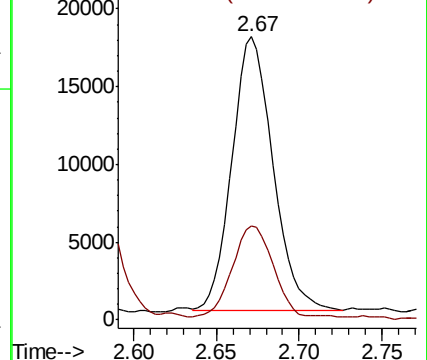
Tgt Ion: 43 Resp: 30222

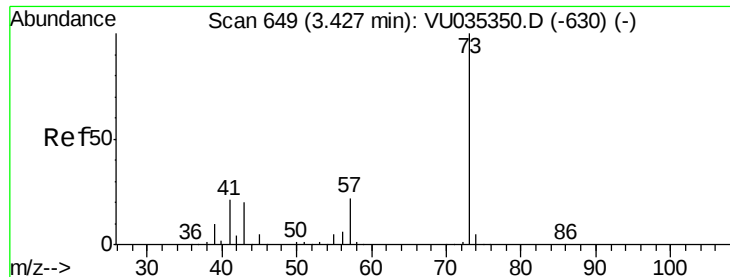
Ion	Ratio	Lower	Upper
43	100		
58	33.0	0.0	61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035350.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU035356.D (-321) (-)

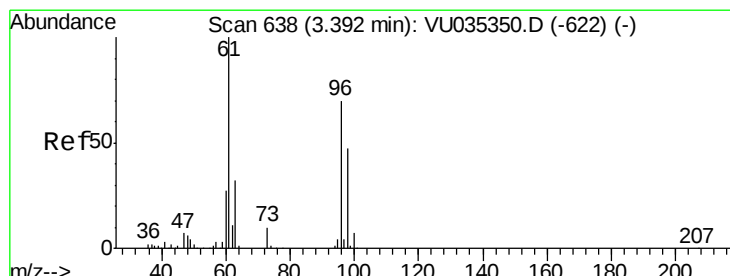
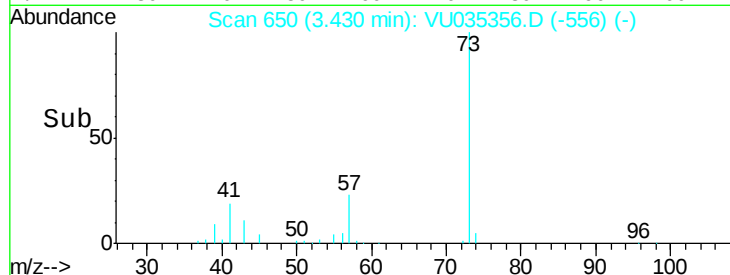
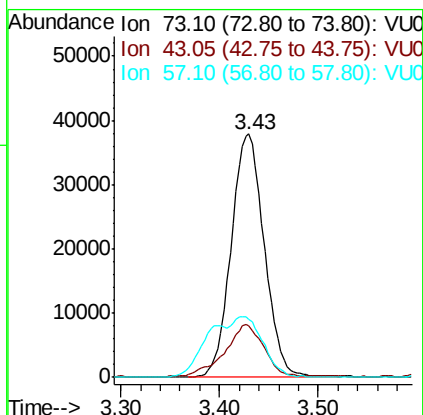
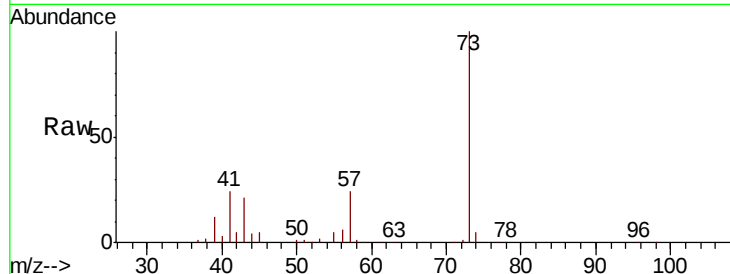




#17
Methvl tert-butvl Ether
Concen: 1.701 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035356.D
Acq: 22 Oct 2019 11:31

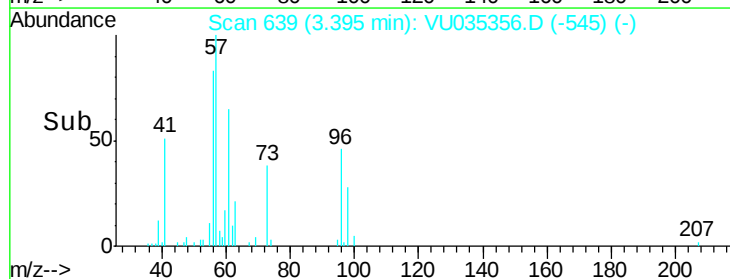
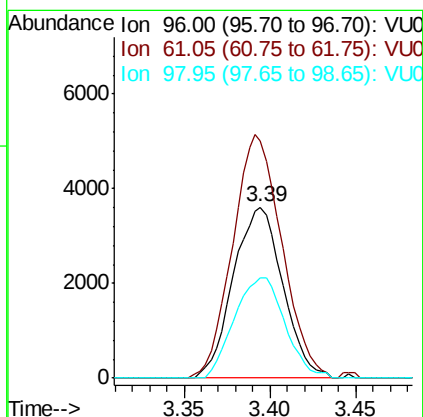
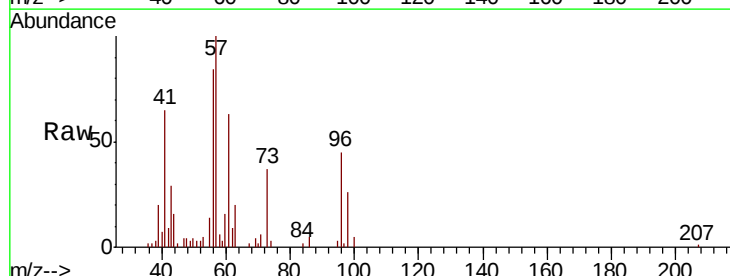
Instrument :
MSVOA_U
ClientSampleId :
H0G66MSD

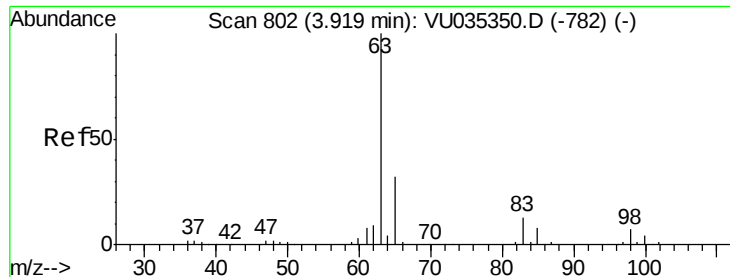
Tot Ion: 73 Resp: 88374
Ion Ratio Lower Upper
73 100
43 24.3 16.0 24.0#
57 21.7 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 0.346 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035356.D
Acq: 22 Oct 2019 11:31

Tgt Ion: 96 Resp: 7220
Ion Ratio Lower Upper
96 100
61 138.9 93.0 172.6
98 58.4 43.7 81.1

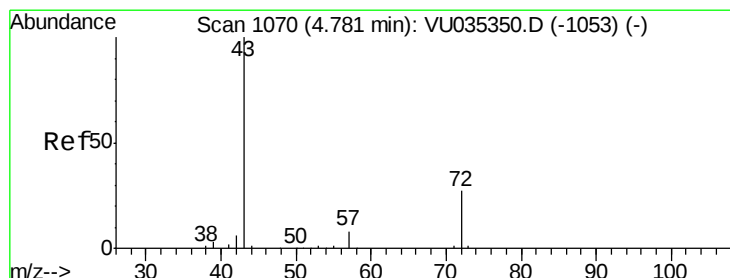
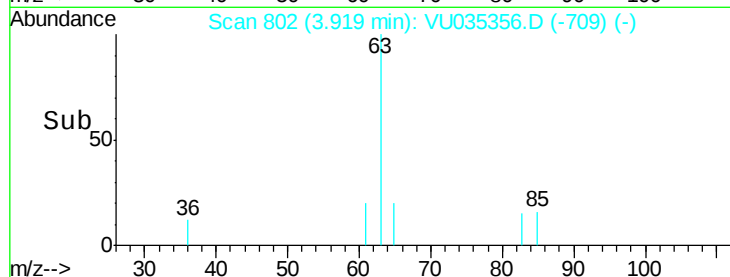
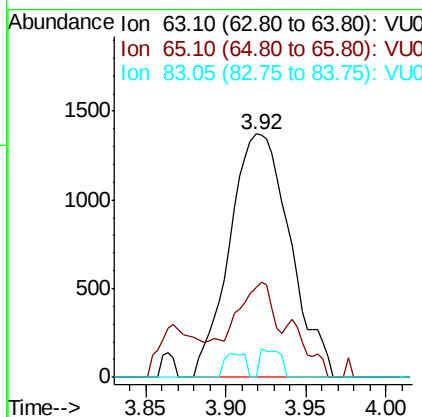
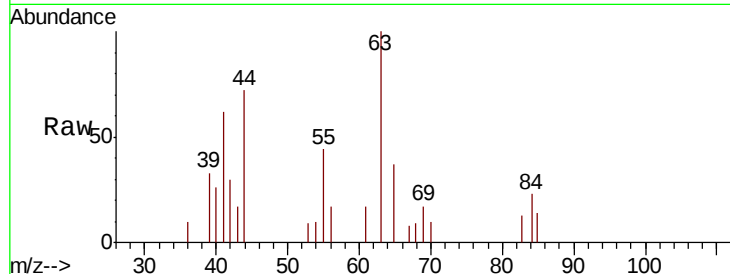




#19
 1,1-Dichloroethane
 Concen: 0.094 ug/L
 RT: 3.92 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: VU035356.D
 Acq: 22 Oct 2019 11:31

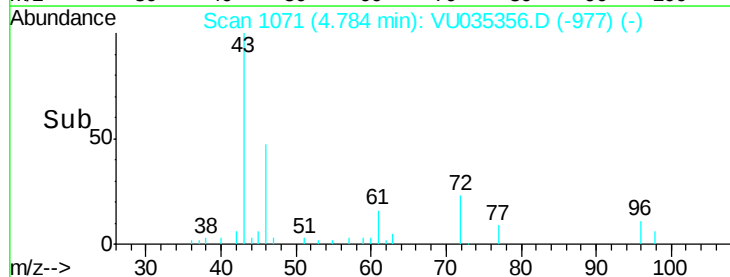
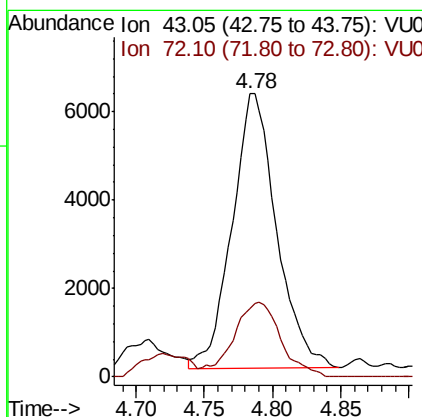
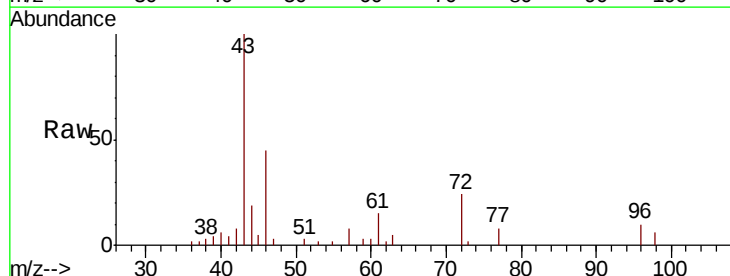
Instrument :
 MSVOA_U
 ClientSampleId :
 H0G66MSD

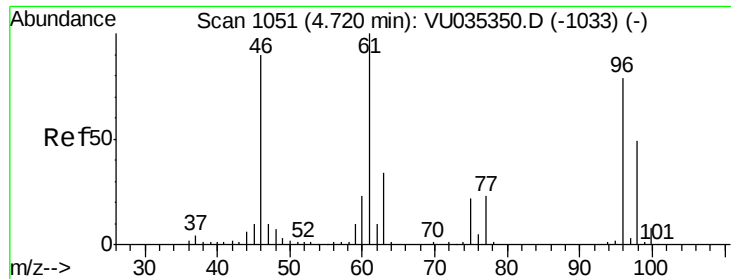
Tot Ion: 63 Resp: 3552
 Ion Ratio Lower Upper
 63 100
 65 37.1 22.4 41.6
 83 0.0 9.3 17.3#



#21
 2-Butanone
 Concen: 2.355 ug/L
 RT: 4.78 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: VU035356.D
 Acq: 22 Oct 2019 11:31

Tgt Ion: 43 Resp: 14059
 Ion Ratio Lower Upper
 43 100
 72 28.9 13.6 40.8

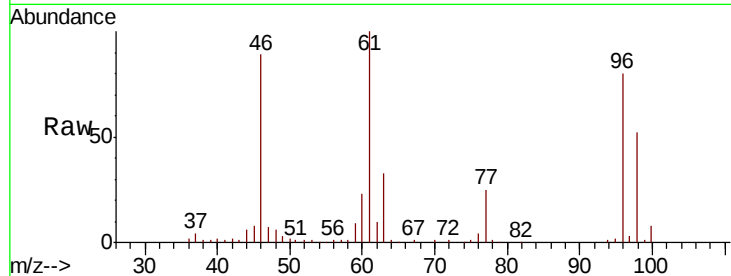




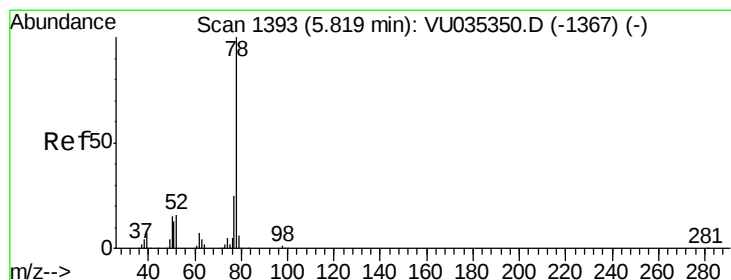
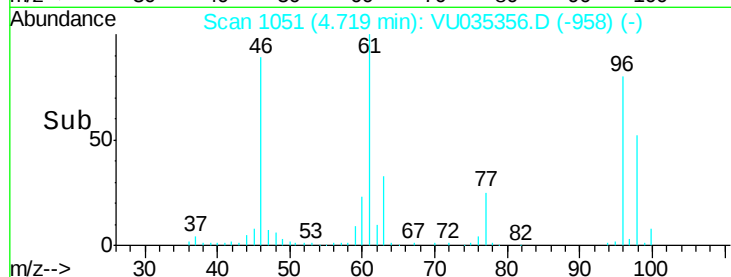
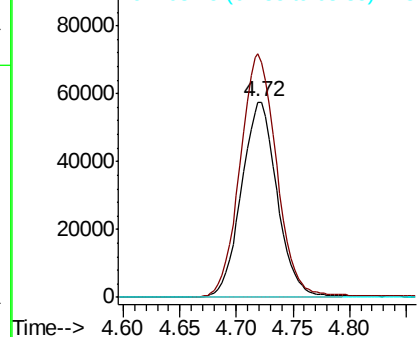
#22
 cis-1,2-Dichloroethene
 Concen: 5.500 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VU035356.D
 Acq: 22 Oct 2019 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G66MSD

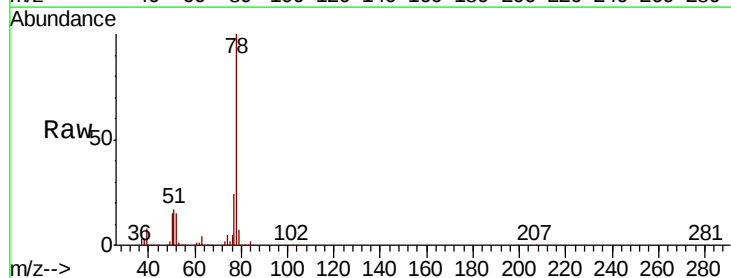
Tot Ion: 96 Resp: 126660
 Ion Ratio Lower Upper
 96 100
 61 124.8 89.7 166.5
 68 0.0 0.0 0.0



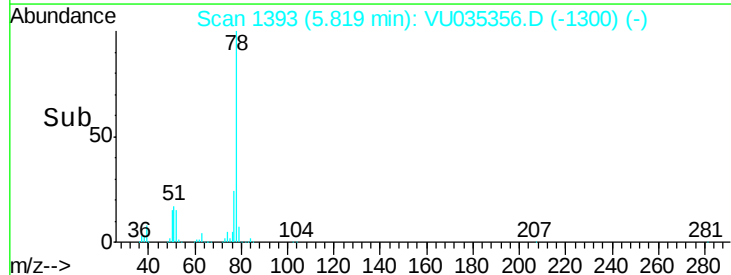
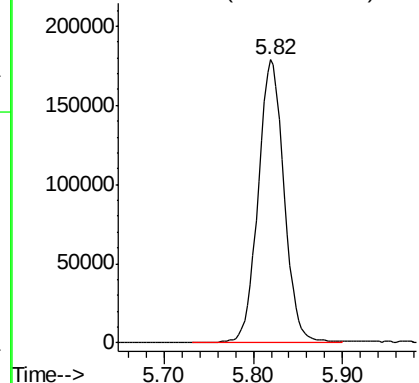
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

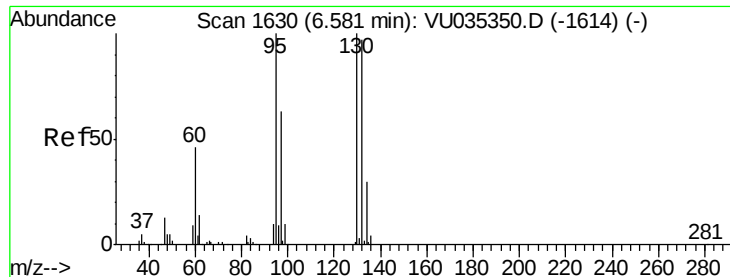


#33
 Benzene
 Concen: 4.180 ug/L
 RT: 5.82 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VU035356.D
 Acq: 22 Oct 2019 11:31
 Tgt Ion: 78 Resp: 361313



Abundance Ion 78.10 (77.80 to 78.80): VU0

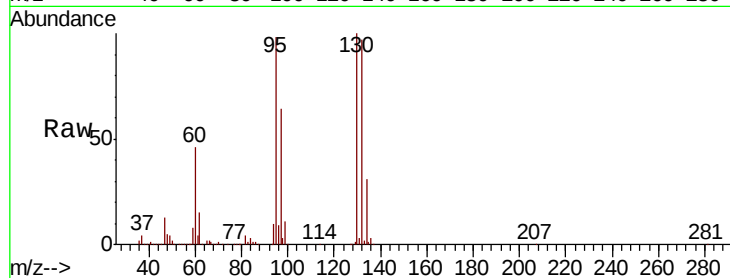




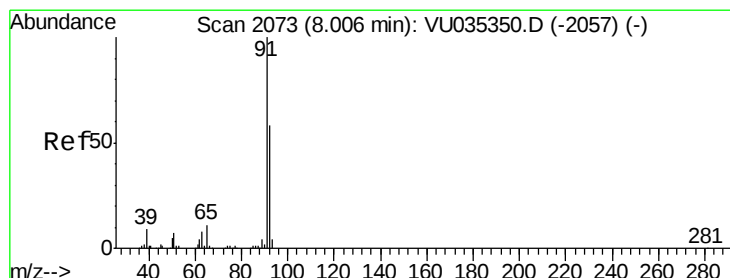
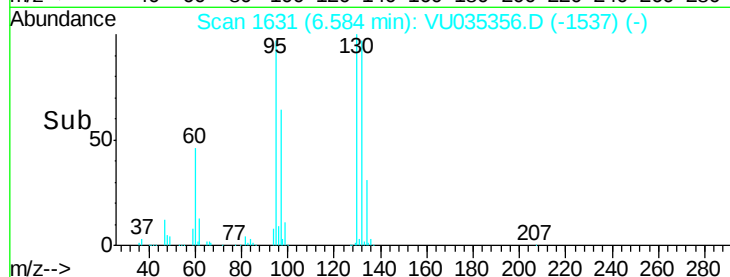
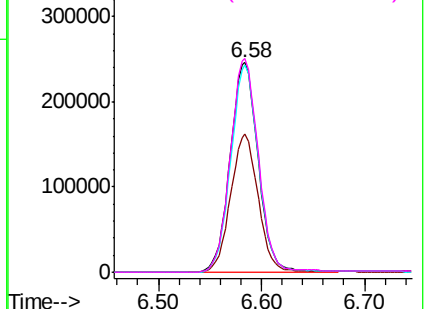
#34
 Trichloroethene
 Concen: 20.085 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU035356.D
 Acq: 22 Oct 2019 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G66MSD

Tot Ion: 95 Resp: 466704
 Ion Ratio Lower Upper
 95 100
 97 65.7 46.6 86.6
 132 99.1 68.7 127.7
 130 101.9 73.9 137.3

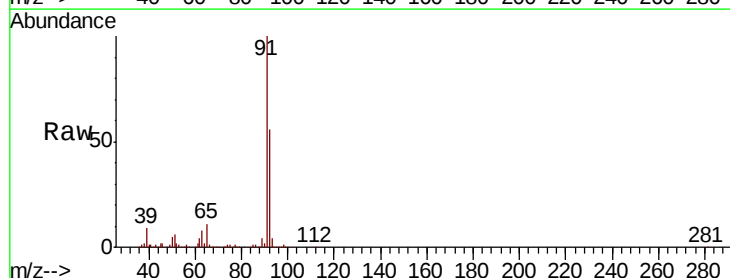


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

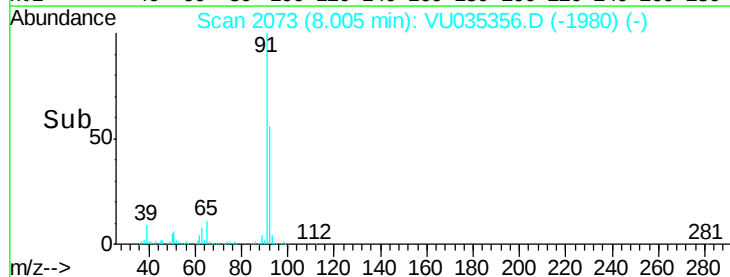
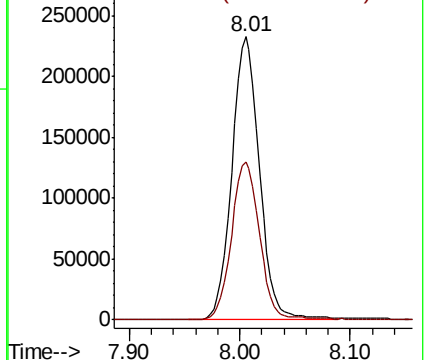


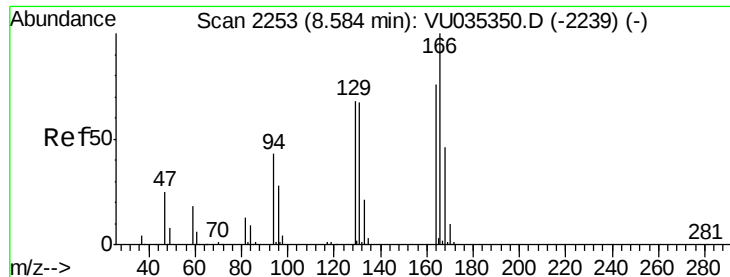
#42
 Toluene
 Concen: 4.239 ug/L
 RT: 8.01 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: VU035356.D
 Acq: 22 Oct 2019 11:31

Tgt Ion: 91 Resp: 404419
 Ion Ratio Lower Upper
 91 100
 92 55.9 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

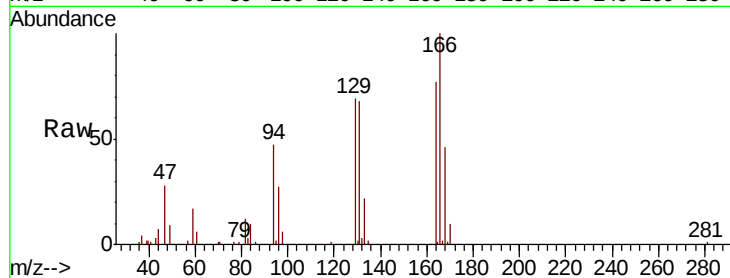




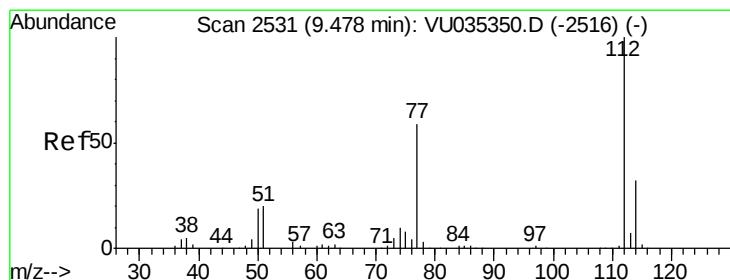
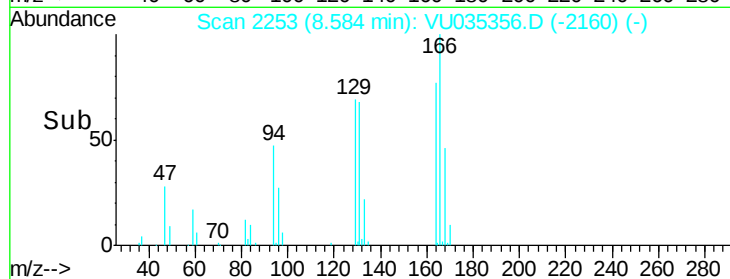
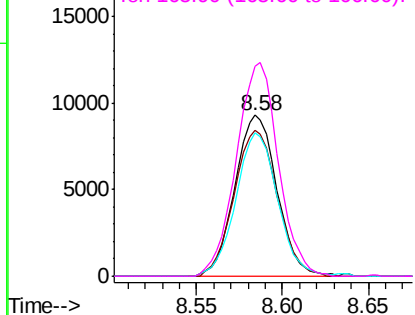
#47
Tetrachloroethene
Concen: 0.815 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035356.D
Acq: 22 Oct 2019 11:31

Instrument :
MSVOA_U
ClientSampleId :
H0G66MSD

Tot Ion:164 Resp: 15786
Ion Ratio Lower Upper
164 100
129 90.4 65.2 121.0
131 88.8 62.9 116.9
166 130.6 91.5 169.9

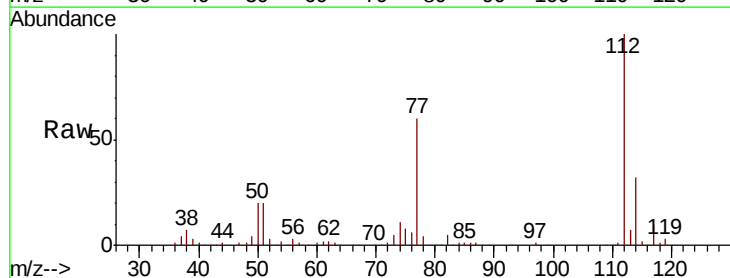


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 4.231 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035356.D
Acq: 22 Oct 2019 11:31

Tgt Ion:112 Resp: 260633
Ion Ratio Lower Upper
112 100
114 32.1 23.0 42.8
77 60.1 47.5 71.3



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

