

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U110619\
 Data File : VU035642.D
 Acq On : 06 Nov 2019 13:09
 Operator : JC/SP
 Sample : K5697-09MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA7MS

Quant Time: Nov 07 06:03:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 04:46:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	648208	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	621507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	182901	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	173185	33.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.16%
7) Chloroethane-d5	1.93	69	166035	39.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.42%
11) 1,1-Dichloroethene-d2	2.60	63	342041	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.02%
21) 2-Butanone-d5	4.69	46	271865	88.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.90%
24) Chloroform-d	5.11	84	363629	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
26) 1,2-Dichloroethane-d4	5.75	65	227219	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
32) Benzene-d6	5.77	84	756590	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.74	67	249345	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.92%
41) Toluene-d8	7.93	98	684602	44.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.21	79	110491	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
47) 2-Hexanone-d5	8.68	63	181702	90.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.24%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	332582	44.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.04%
64) 1,2-Dichlorobenzene-d4	12.22	152	179146	48.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.12%

Target Compounds

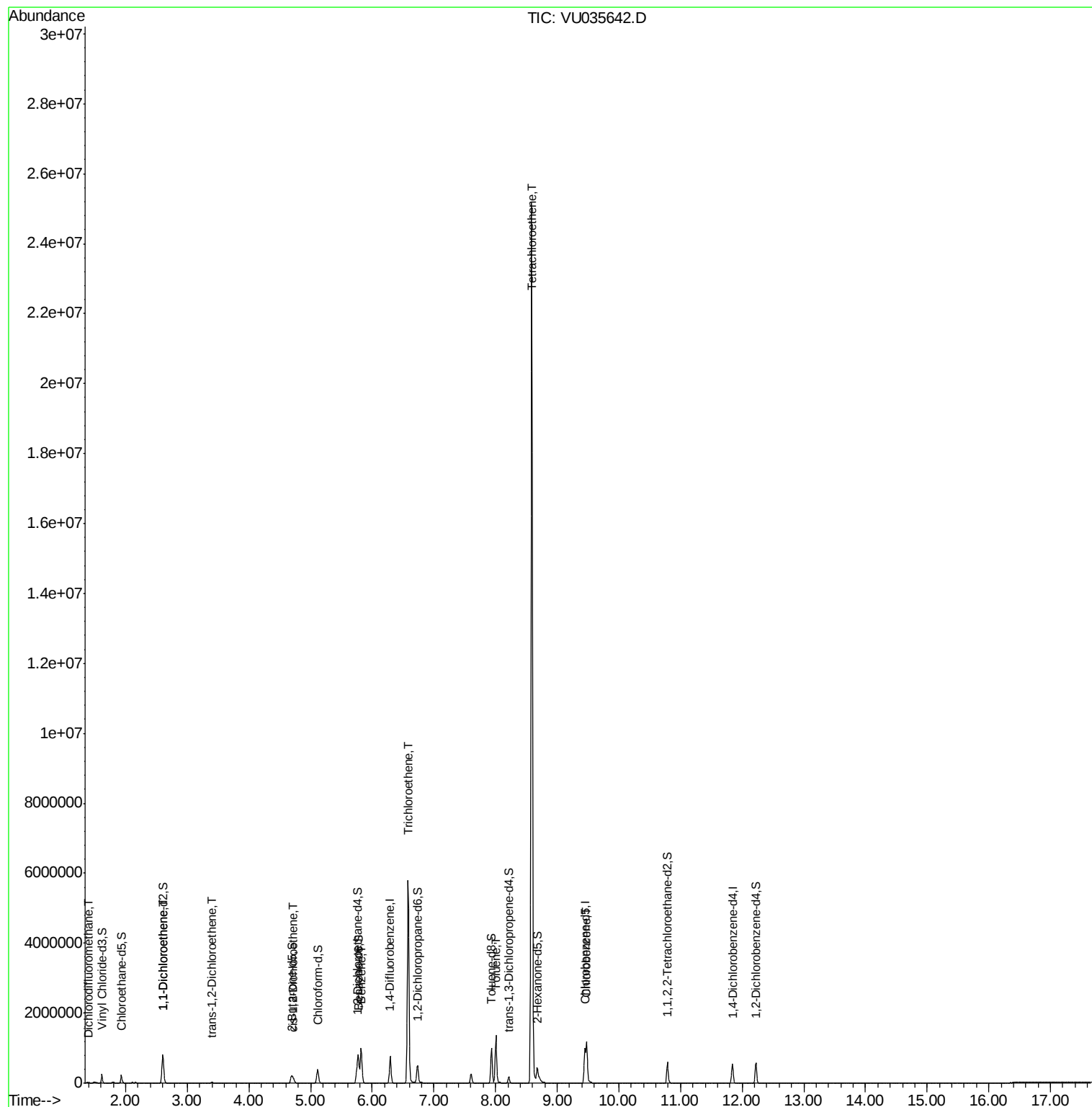
					Qvalue
2) Dichlorodifluoromethane	1.40	85	4519	0.894 ug/L	99
12) 1,1-Dichloroethene	2.61	96	210147	53.072 ug/L	94
17) trans-1,2-Dichloroethene	3.39	96	12341	2.960 ug/L	95
20) cis-1,2-Dichloroethene	4.72	96	57180	12.158 ug/L	94
33) Benzene	5.82	78	976524	55.907 ug/L	100
34) Trichloroethene	6.58	95	1968783	443.361 ug/L	99
42) Toluene	8.01	91	1051450	57.435 ug/L	100
46) Tetrachloroethene	8.59	164	6052751	1630.130 ug/L	99
51) Chlorobenzene	9.48	112	670987	54.903 ug/L	99

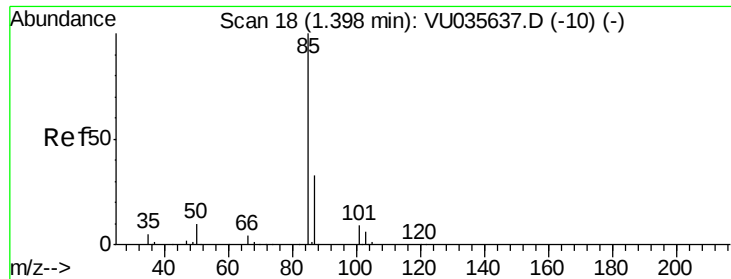
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Nov 07 04:46:39 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.894 ug/L

RT: 1.40 min Scan# 18

Delta R.T. -0.00 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

Instrument :

MSVOA_U

ClientSampleId :

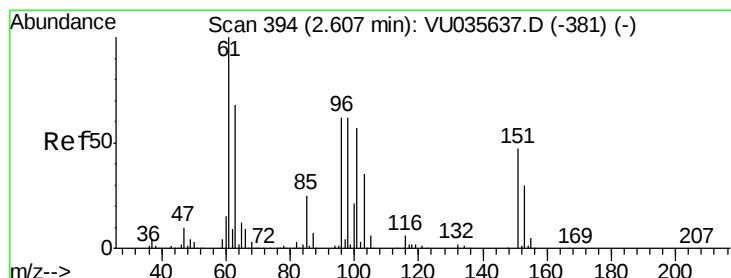
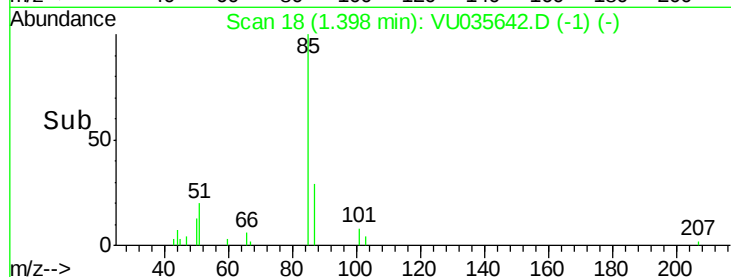
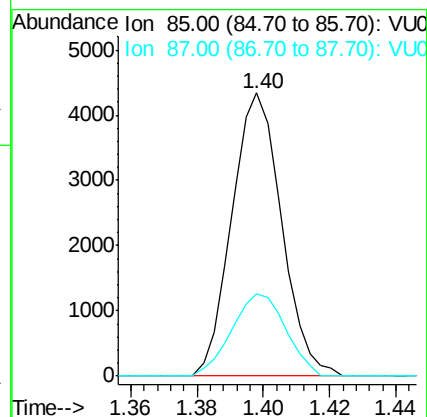
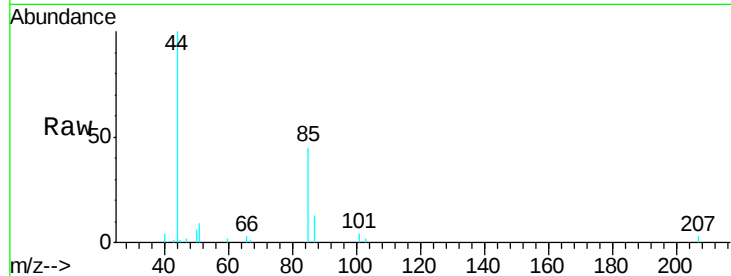
H0AA7MS

Tgt Ion: 85 Resp: 4519

Ion Ratio Lower Upper

85 100

87 31.6 25.7 38.5



#12

1,1-Dichloroethene

Concen: 53.072 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

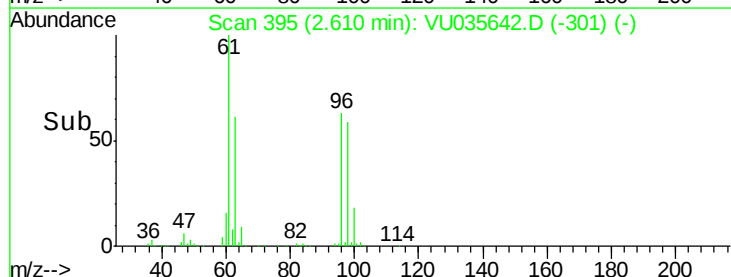
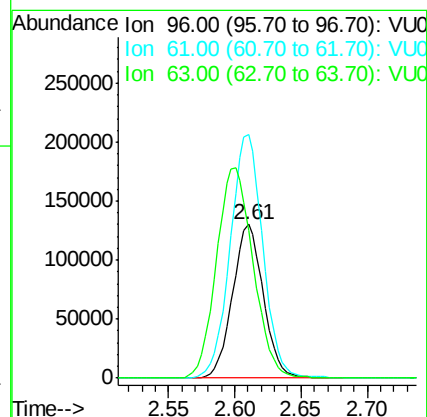
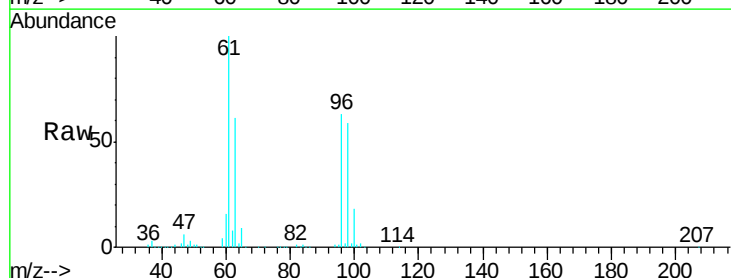
Tgt Ion: 96 Resp: 210147

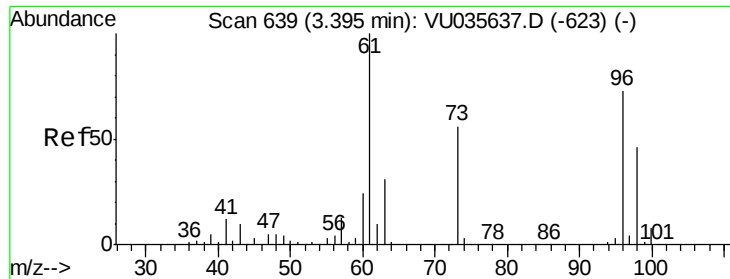
Ion Ratio Lower Upper

96 100

61 158.4 113.1 210.1

63 96.1 76.2 141.4

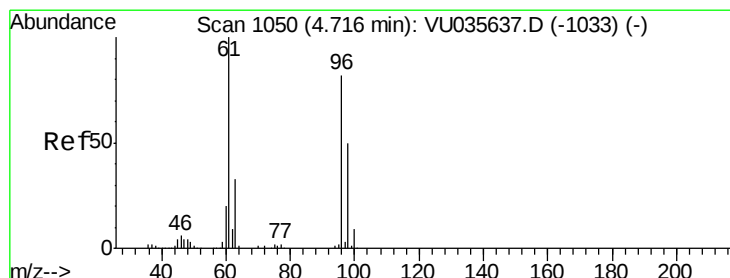
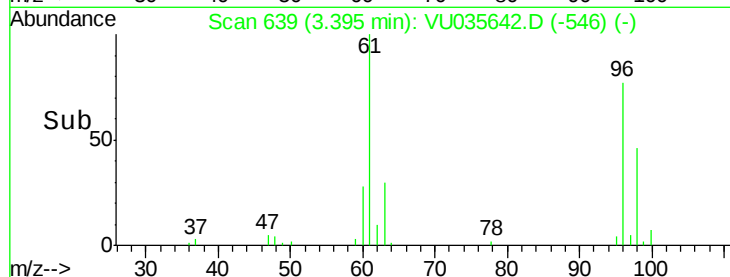
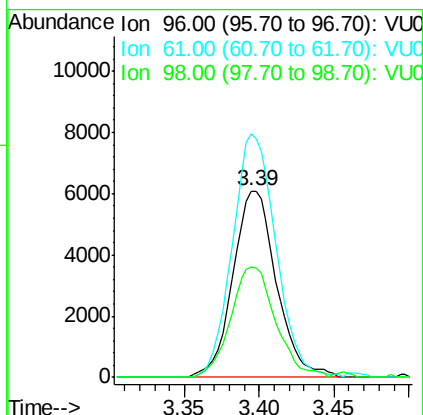
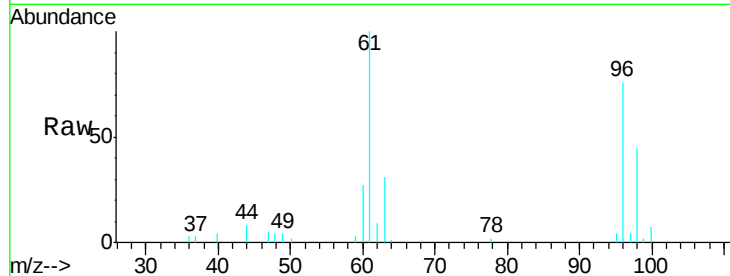




#17
trans-1,2-Dichloroethene
Concen: 2.960 ug/L
RT: 3.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: VU035642.D
Acq: 06 Nov 2019 13:09

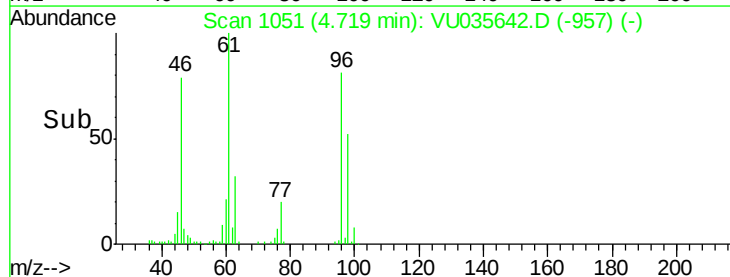
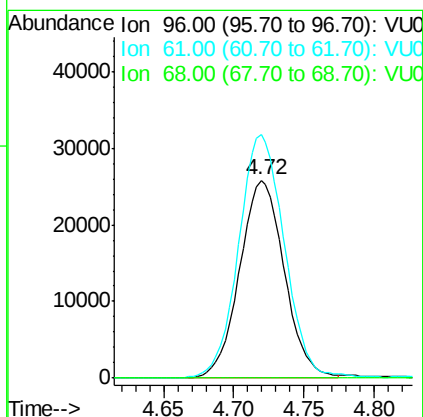
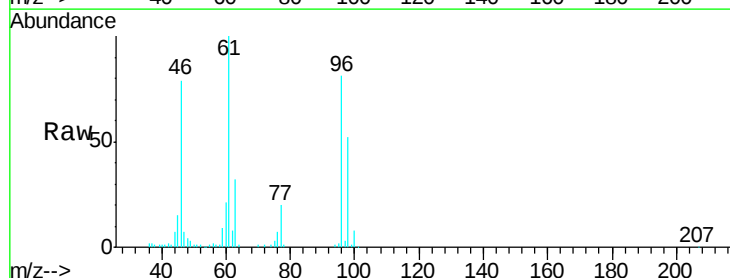
Instrument :
MSVOA_U
ClientSampleId :
H0AA7MS

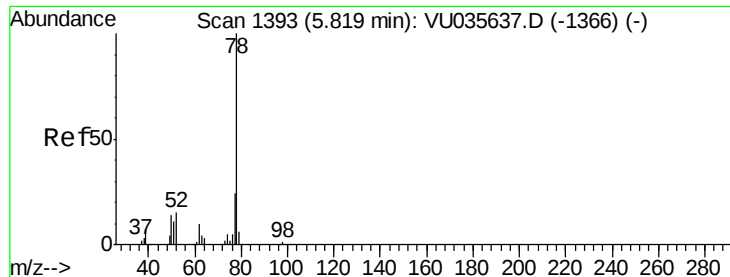
Tgt Ion: 96 Resp: 12341
Ion Ratio Lower Upper
96 100
61 130.9 95.3 176.9
98 59.2 44.0 81.8



#20
cis-1,2-Dichloroethene
Concen: 12.158 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035642.D
Acq: 06 Nov 2019 13:09

Tgt Ion: 96 Resp: 57180
Ion Ratio Lower Upper
96 100
61 122.9 90.6 168.3
68 0.0 0.0 0.0





#33

Benzene

Concen: 55.907 ug/L

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

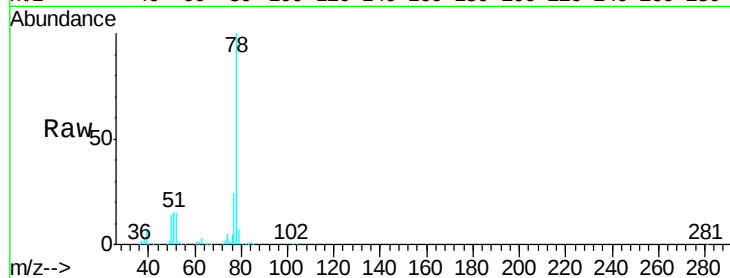
Instrument :

MSVOA_U

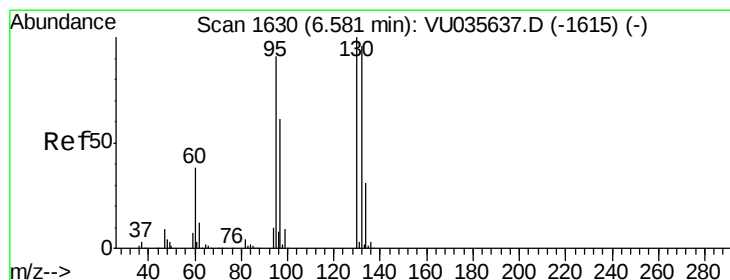
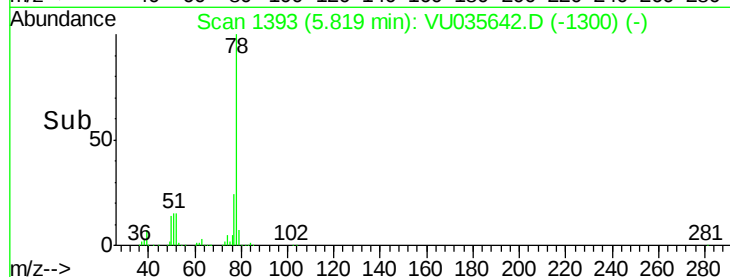
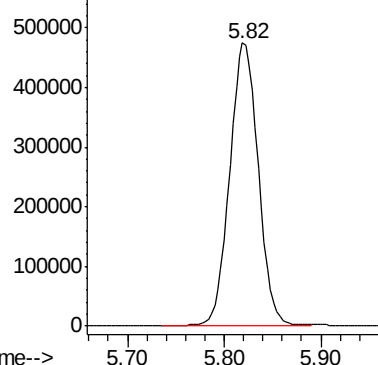
ClientSampleId :

H0AA7MS

Tgt Ion: 78 Resp: 976524



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 443.361 ug/L

RT: 6.58 min Scan# 1631

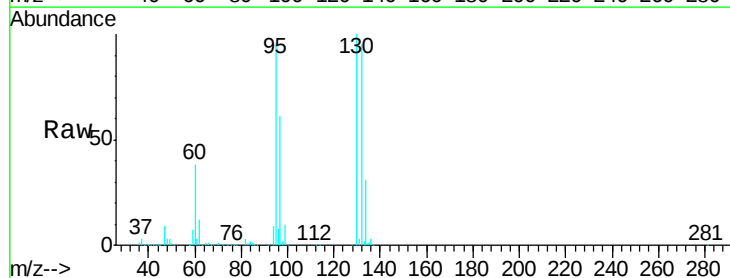
Delta R.T. 0.00 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

Tgt Ion: 95 Resp: 1968783

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.6	84.6
132	100.8	69.9	129.7
130	105.8	73.1	135.7

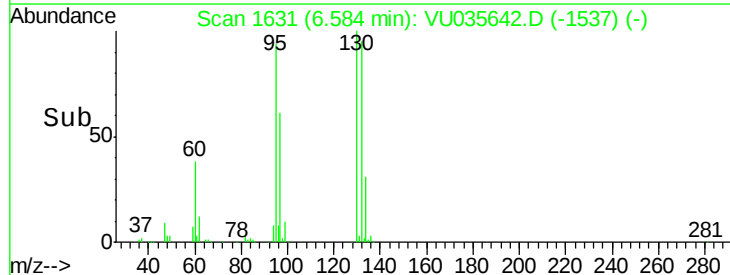
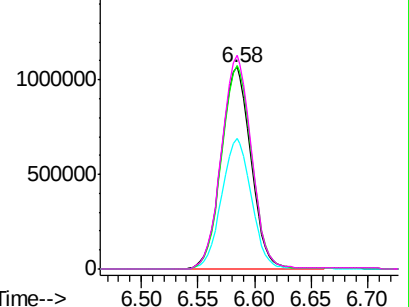


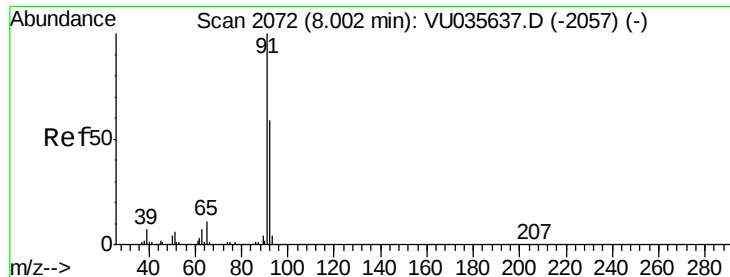
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

Toluene

Concen: 57.435 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

Instrument :

MSVOA_U

ClientSampleId :

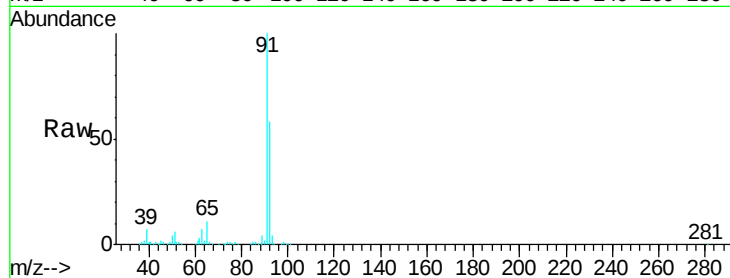
H0AA7MS

Tgt Ion: 91 Resp: 1051450

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VU035637.D (-2057) (-)

Ion 92.00 (91.70 to 92.70): VU035637.D (-2057) (-)

8.01

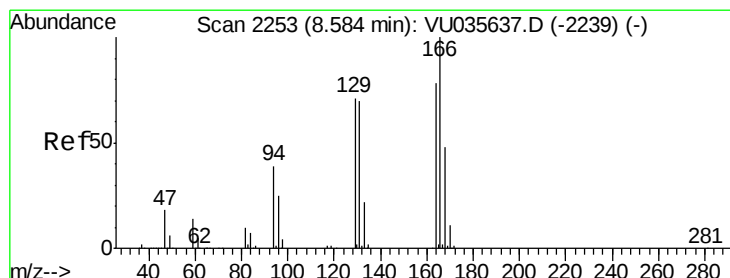
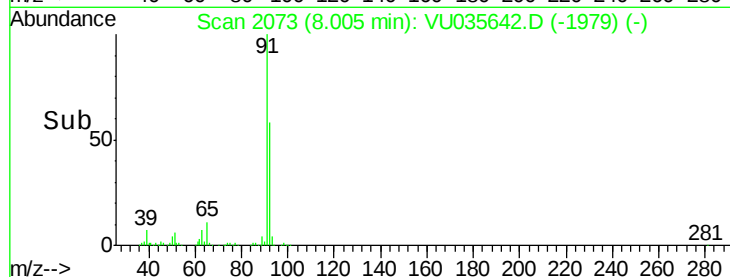
600000

400000

200000

0

Time-->



#46

Tetrachloroethene

Concen: 1630.130 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

Tgt Ion: 164 Resp: 6052751

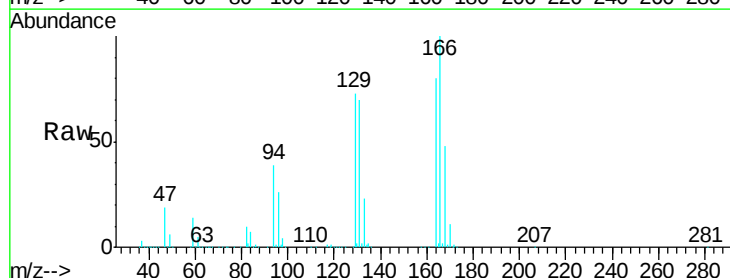
Ion Ratio Lower Upper

164 100

129 91.7 64.1 119.1

131 88.2 63.1 117.1

166 125.3 88.5 164.3



Abundance Ion 164.00 (163.70 to 164.70): VU035637.D (-2239) (-)

Ion 129.00 (128.70 to 129.70): VU035637.D (-2239) (-)

Ion 131.00 (130.70 to 131.70): VU035637.D (-2239) (-)

Ion 166.00 (165.70 to 166.70): VU035637.D (-2239) (-)

8.59

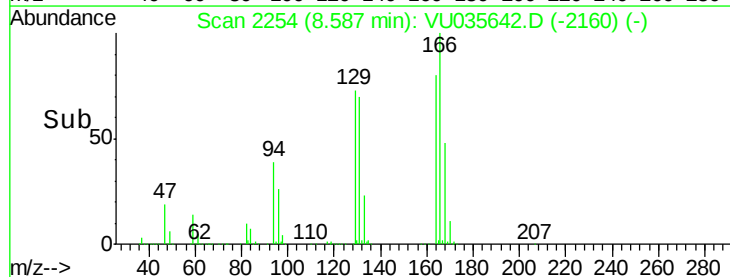
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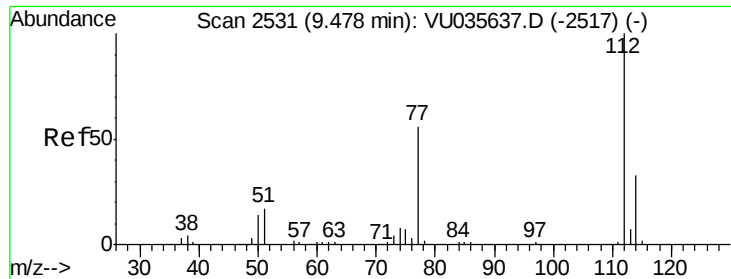
4000000

2000000

0

Time-->





#51
 Chlorobenzene
 Concen: 54.903 ug/L
 RT: 9.48 min Scan# 2531
 Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.3
77	55.9	45.9	68.9

