

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102020\
 Data File : VU040859.D
 Acq On : 20 Oct 2020 19:53
 Operator : SY/MD
 Sample : L4428-18MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ50MSD

Manual Integrations
 APPROVED

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 10/26/2020 4:05:46 PM

Quant Time: Oct 21 01:56:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 23:49:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125417	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51029	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40725	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.92	69	36908	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.58	63	86642	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.65	46	169532	54.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.02%
24) Chloroform-d	5.08	84	89993	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.72	65	54706	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.74	84	159301	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	57275	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.91	98	129315	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.19	79	22099	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.64	63	123117	50.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50903	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	52319	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	3194	0.318	ug/L	93
12) 1,1-Dichloroethene	2.59	96	38934	4.610	ug/L	97
13) Acetone	2.66	43	3995	1.642	ug/L	87
22) cis-1,2-Dichloroethene	4.69	96	3132	0.329	ug/L	86
33) Benzene	5.79	78	184723	4.584	ug/L	100
34) Trichloroethene	6.56	95	46565	4.458	ug/L	98
42) Toluene	7.98	91	181622	4.424	ug/L	99
47) Tetrachloroethene	8.56	164	1400	0.188	ug/L #	85
51) Chlorobenzene	9.45	112	128916	4.767	ug/L	98
53) m,p-Xylene	9.70	106	1959m	0.121	ug/L	

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

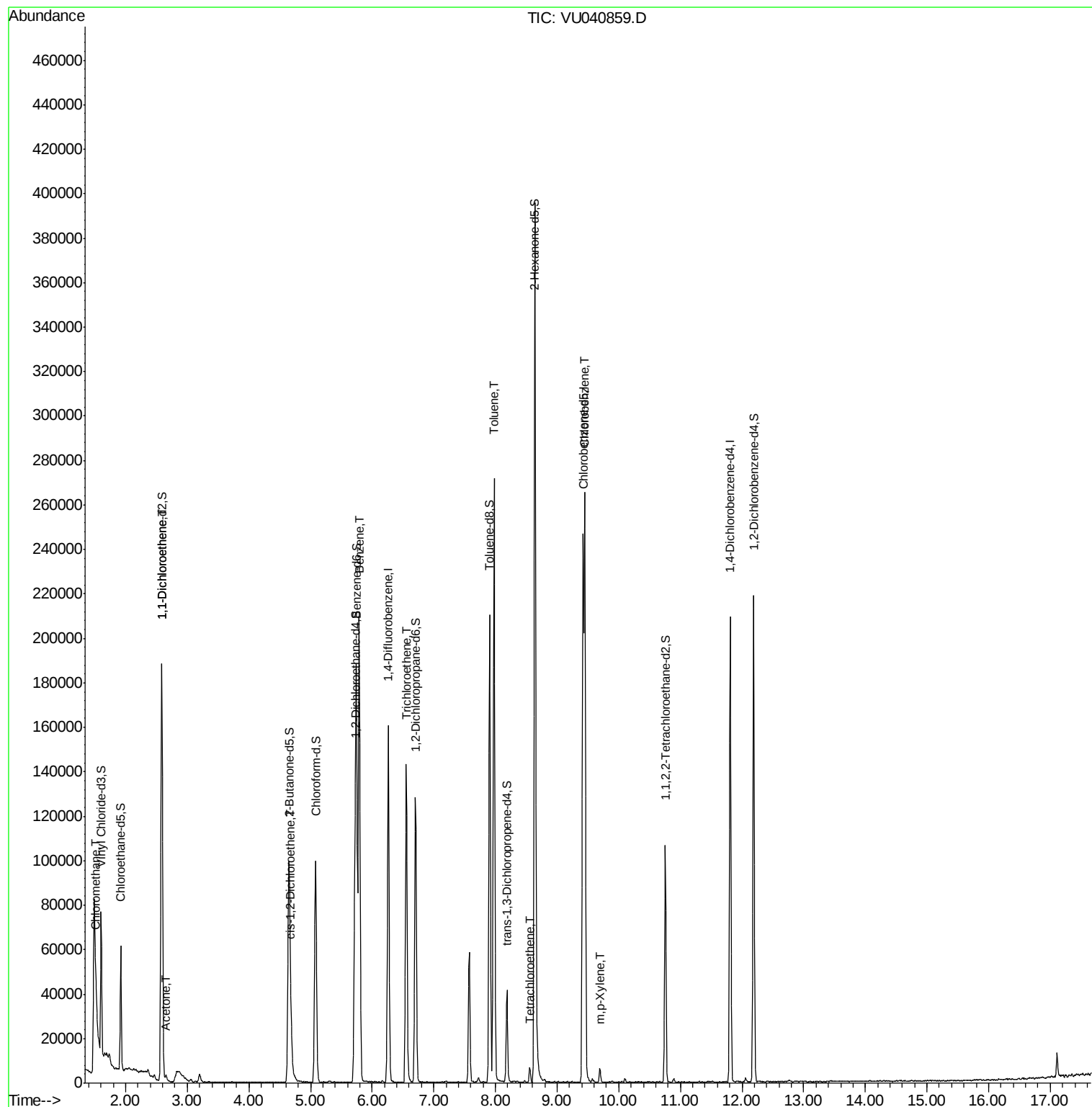
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102020\
Data File : VU040859.D
Acq On : 20 Oct 2020 19:53
Operator : SY/MD
Sample : L4428-18MSD
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

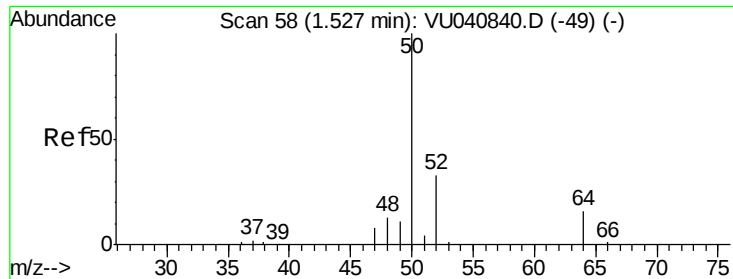
Instrument :
MSVOA_U
ClientSampleId :
ETZ50MSD

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Quant Time: Oct 21 01:56:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.318 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040859.D

Acq: 20 Oct 2020 19:53

Instrument :

MSVOA_U

ClientSampled :

ETZ50MSD

Tot Ion: 50 Resp: 3194

Ion Ratio Lower Upper

50 100

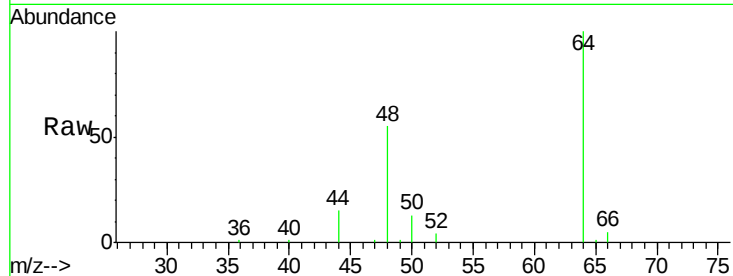
52 27.5 21.9 40.7

Manual Integrations

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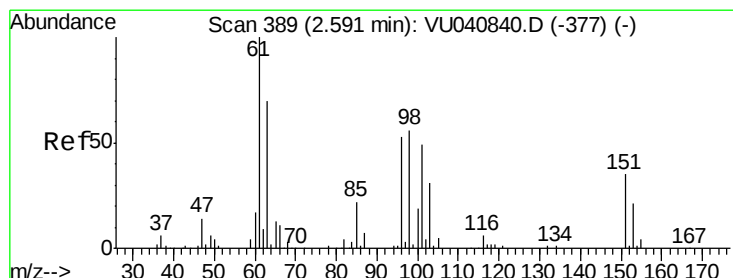
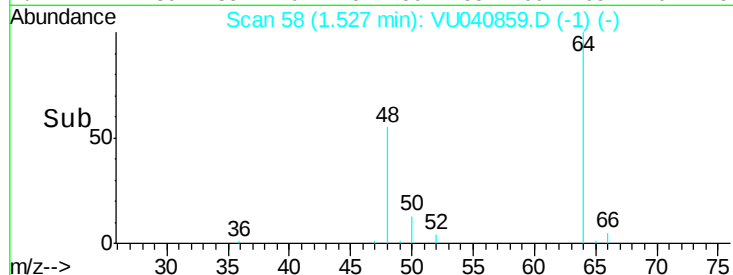
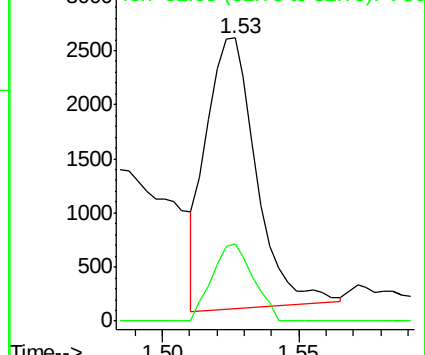
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Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 4.610 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040859.D

Acq: 20 Oct 2020 19:53

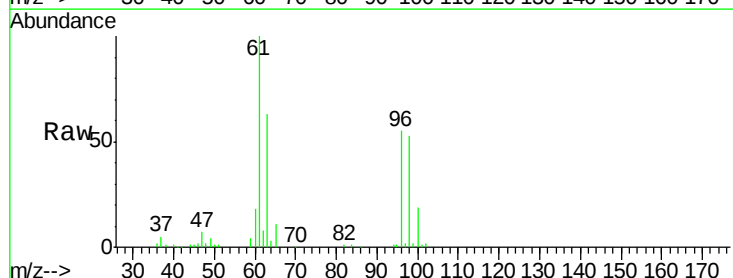
Tgt Ion: 96 Resp: 38934

Ion Ratio Lower Upper

96 100

61 181.9 128.8 239.2

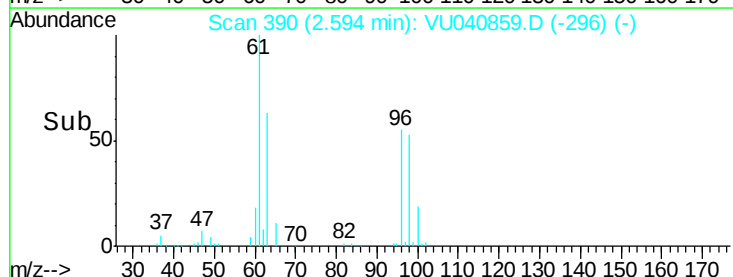
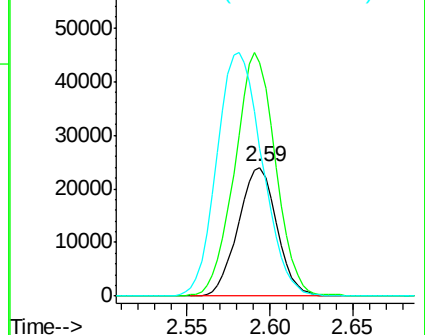
63 115.1 84.6 157.2

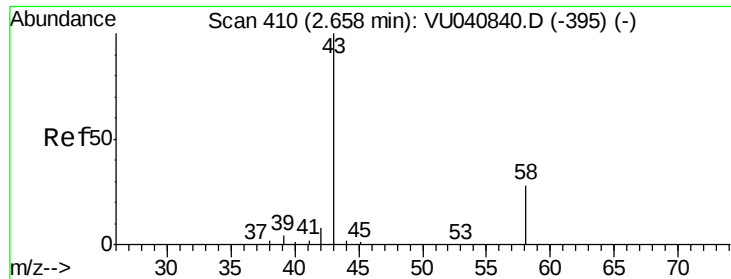


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.642 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU040859.D

Acq: 20 Oct 2020 19:53

Instrument :

MSVOA_U

ClientSampleId :

ETZ50MSD

Tot Ion: 43 Resp: 3995

Ion Ratio Lower Upper

43 100

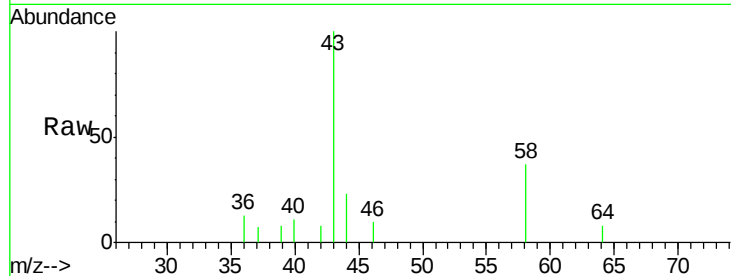
58 23.1 0.0 60.6

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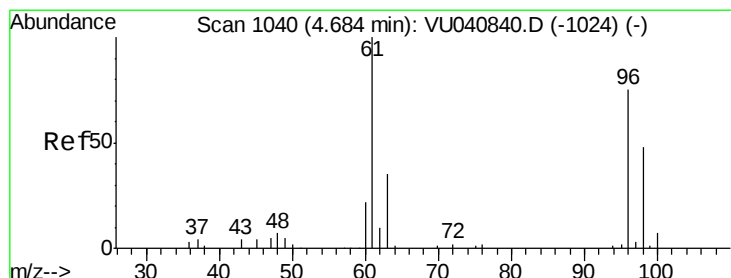
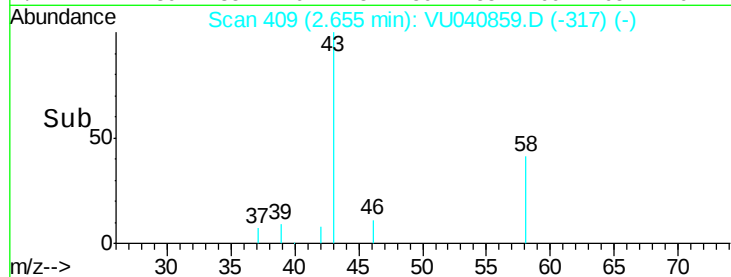
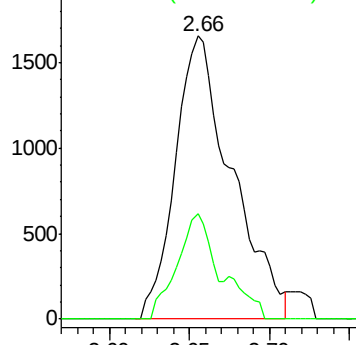
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Abundance Ion 43.05 (42.75 to 43.75): VU040840.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040840.D (-395) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.329 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040859.D

Acq: 20 Oct 2020 19:53

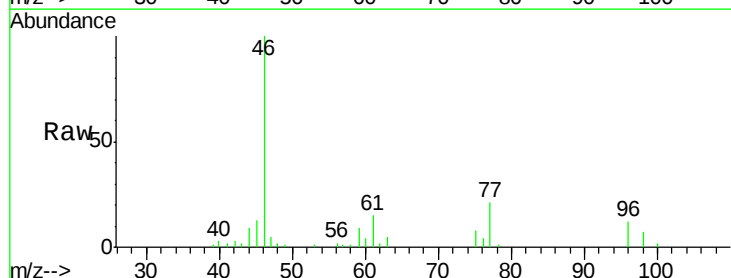
Tgt Ion: 96 Resp: 3132

Ion Ratio Lower Upper

96 100

61 124.9 99.8 185.4

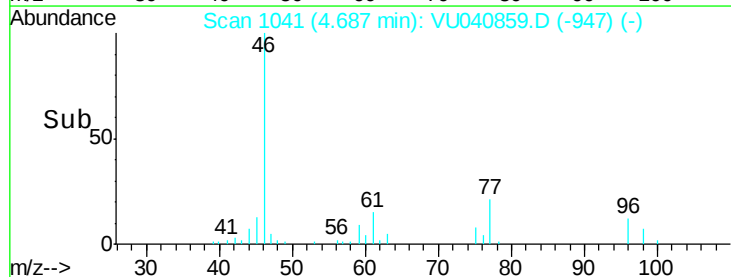
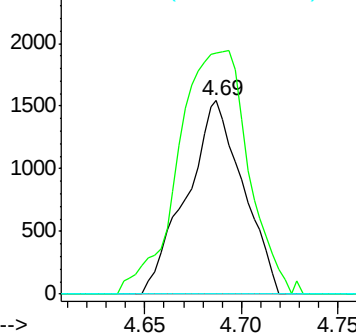
68 0.0 0.0 0.0

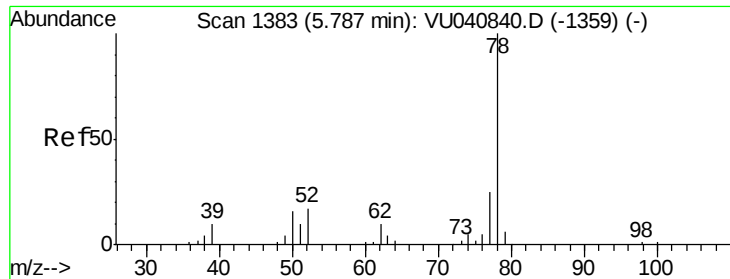


Abundance Ion 96.00 (95.70 to 96.70): VU040840.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU040840.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU040840.D (-1024) (-)





#33

Benzene

Concen: 4.584 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU040859.D

Acq: 20 Oct 2020 19:53

Instrument :

MSVOA_U

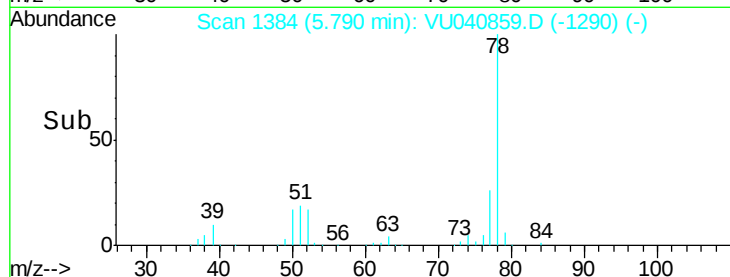
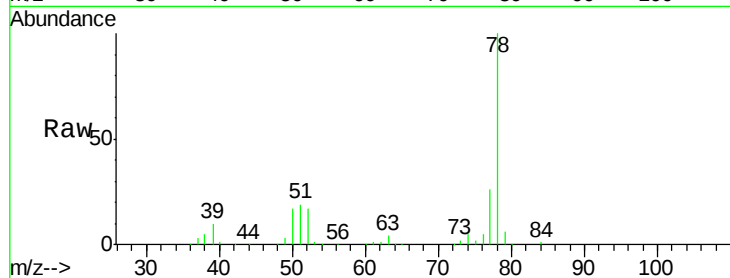
ClientSampled :

ETZ50MSD

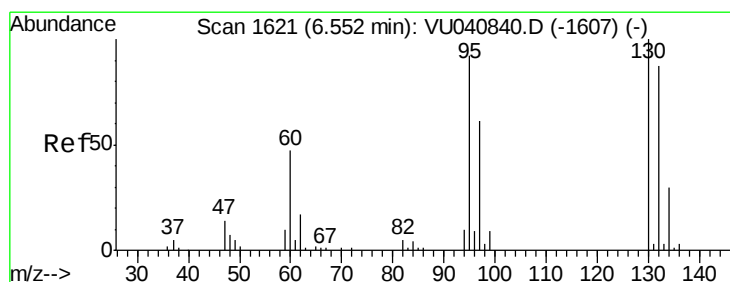
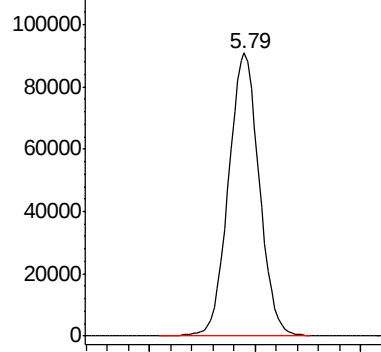
Tgt Ion: 78 Resp: 184723

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Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.458 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040859.D

Acq: 20 Oct 2020 19:53

Tgt Ion: 95 Resp: 46565

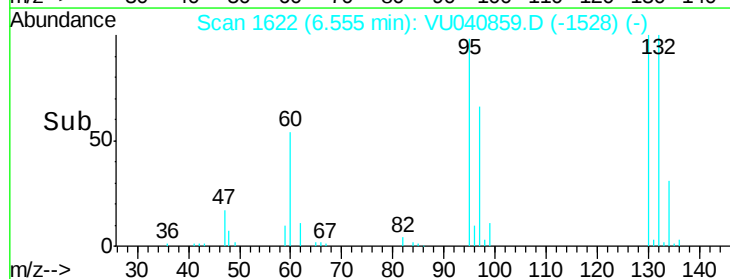
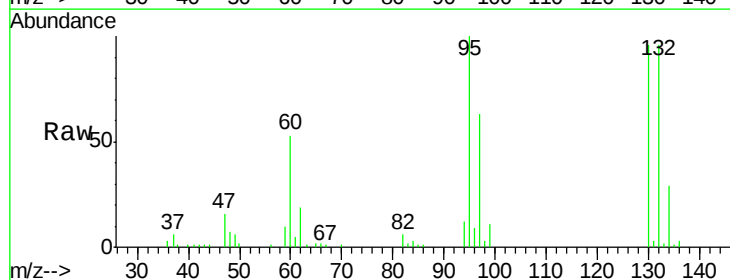
Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.5	84.5
132	95.9	67.5	125.4
130	96.0	69.9	129.9

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): VU0

Ion 129.95 (129.65 to 130.65): VU0



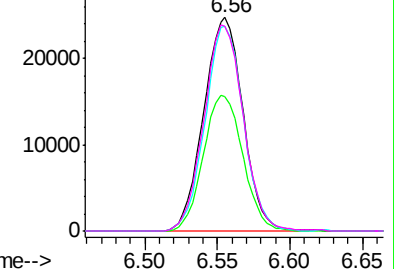
Abundance Ion 95.00 (94.70 to 95.70): VU0

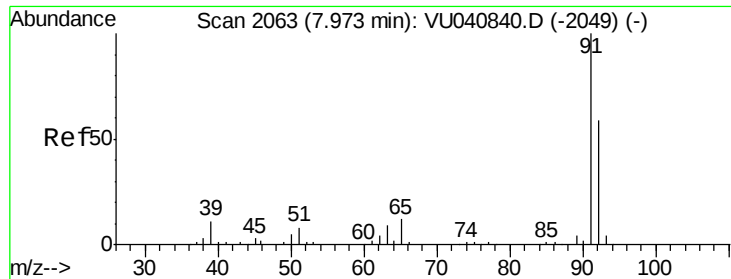
Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

Time-->





#42

Toluene

Concen: 4.424 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040859.D

Acq: 20 Oct 2020 19:53

Instrument :

MSVOA_U

ClientSampleId :

ETZ50MSD

Tot Ion: 91 Resp: 181622

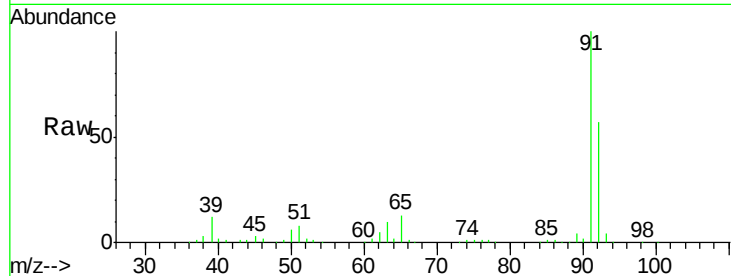
Ion Ratio Lower Upper

91 100

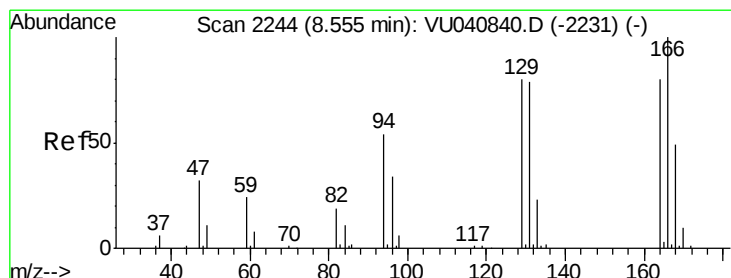
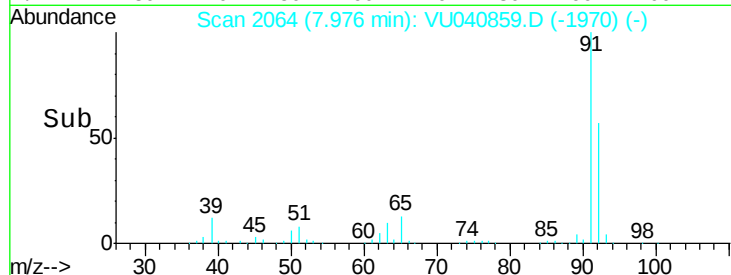
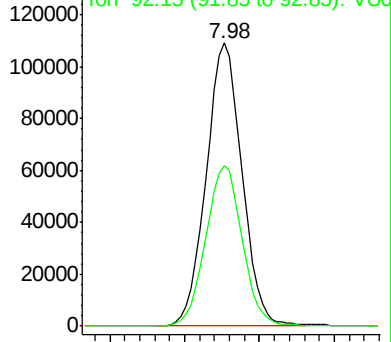
92 56.7 40.2 74.6

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Abundance Ion 91.15 (90.85 to 91.85): VU040859.D (-1970) (-)



#47

Tetrachloroethene

Concen: 0.188 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040859.D

Acq: 20 Oct 2020 19:53

Tgt Ion: 164 Resp: 1400

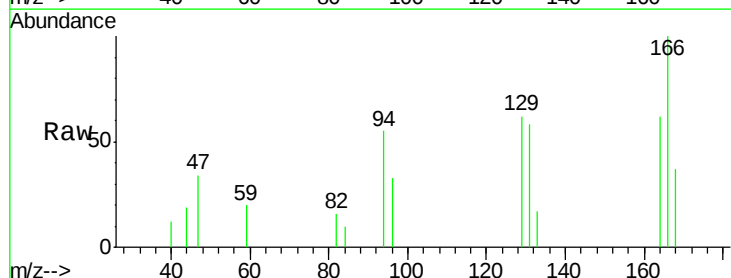
Ion Ratio Lower Upper

164 100

129 99.9 68.8 127.8

131 94.2 66.7 123.9

166 161.8 83.9 155.7#

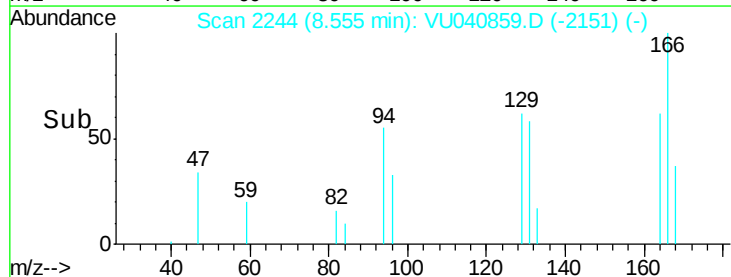
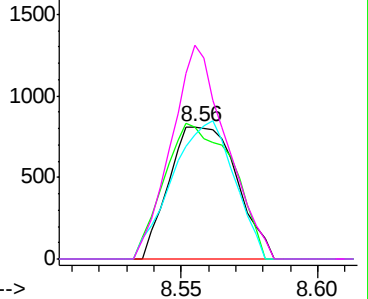


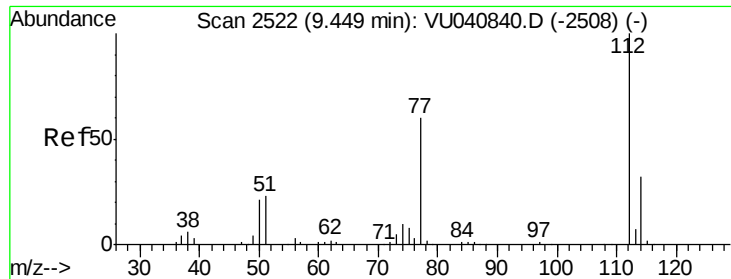
Abundance Ion 163.90 (163.60 to 164.60): VU040859.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU040859.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU040859.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU040859.D (-2151) (-)





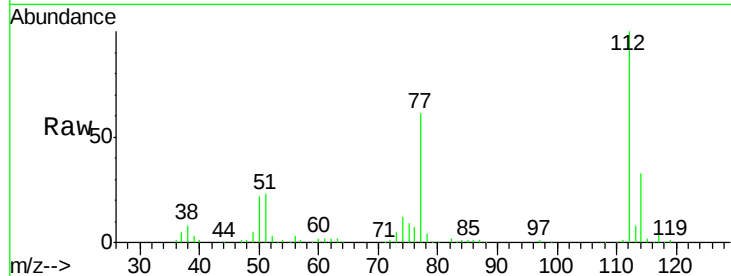
#51
Chlorobenzene
Concen: 4.767 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040859.D
Acq: 20 Oct 2020 19:53

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MSD

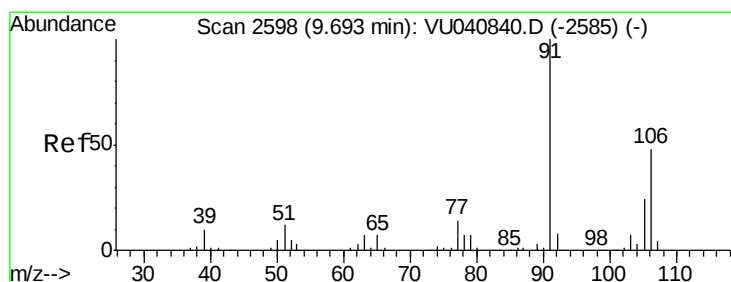
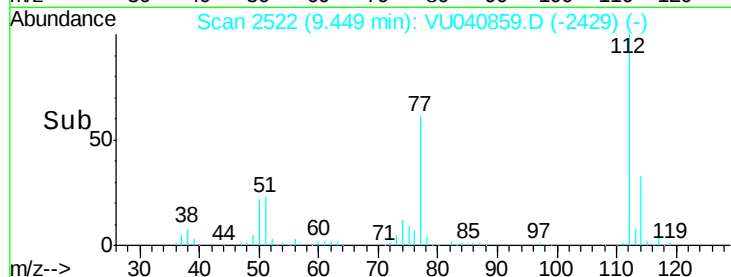
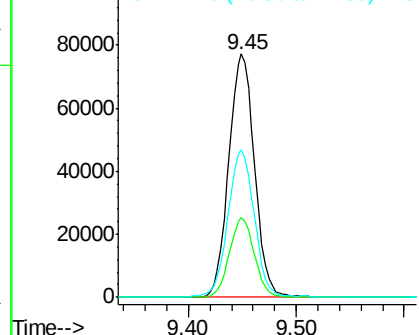
Tot Ion:	112	Resp:	128916
Ion Ratio	Lower	Upper	
112	100		
114	32.7	23.1	42.9
77	60.7	50.3	75.5

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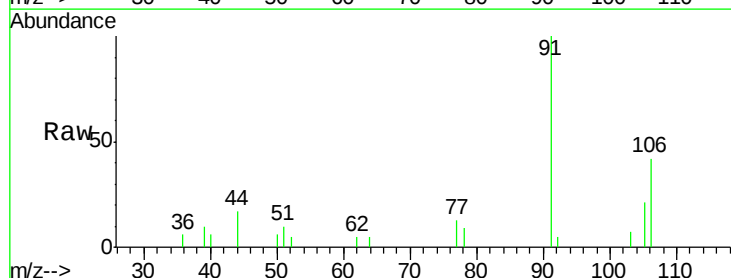


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#53
m,p-Xylene
Concen: 0.121 ug/L m
RT: 9.70 min Scan# 2600
Delta R.T. 0.01 min
Lab File: VU040859.D
Acq: 20 Oct 2020 19:53

Tgt Ion:	106	Resp:	1959
Ion Ratio	Lower	Upper	
106	100		
91	238.9	148.5	275.7



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): V

