

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112519\
 Data File : VU035833.D
 Acq On : 25 Nov 2019 18:55
 Operator : JC/SP
 Sample : K5992-04MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE5MSD

Manual Integrations
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Quant Time: Nov 26 01:51:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 01:03:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	253487	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	278264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	118679	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134094	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.93	69	128720	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.60	63	303523	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.60%
20) 2-Butanone-d5	4.69	46	430805	56.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.44%
24) Chloroform-d	5.11	84	264482	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.75	65	155404	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.77	84	499554	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.74	67	183819	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.93	98	417640	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.21	79	65434	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.67	63	347025	62.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.06%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	149335	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	132376	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	11683	0.276	ug/L	100
12) 1,1-Dichloroethene	2.61	96	217480	8.246	ug/L #	79
13) Acetone	2.67	43	10443	1.552	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	92205	3.550	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	722773	24.974	ug/L	98
33) Benzene	5.82	78	619738	5.335	ug/L	100
34) Trichloroethene	6.57	95	31513826m	1106.598	ug/L	
42) Toluene	8.00	91	607953	5.031	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	13906	0.648	ug/L	96
47) Tetrachloroethene	8.58	164	28208	1.302	ug/L	97
51) Chlorobenzene	9.48	112	379843	5.075	ug/L	99

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

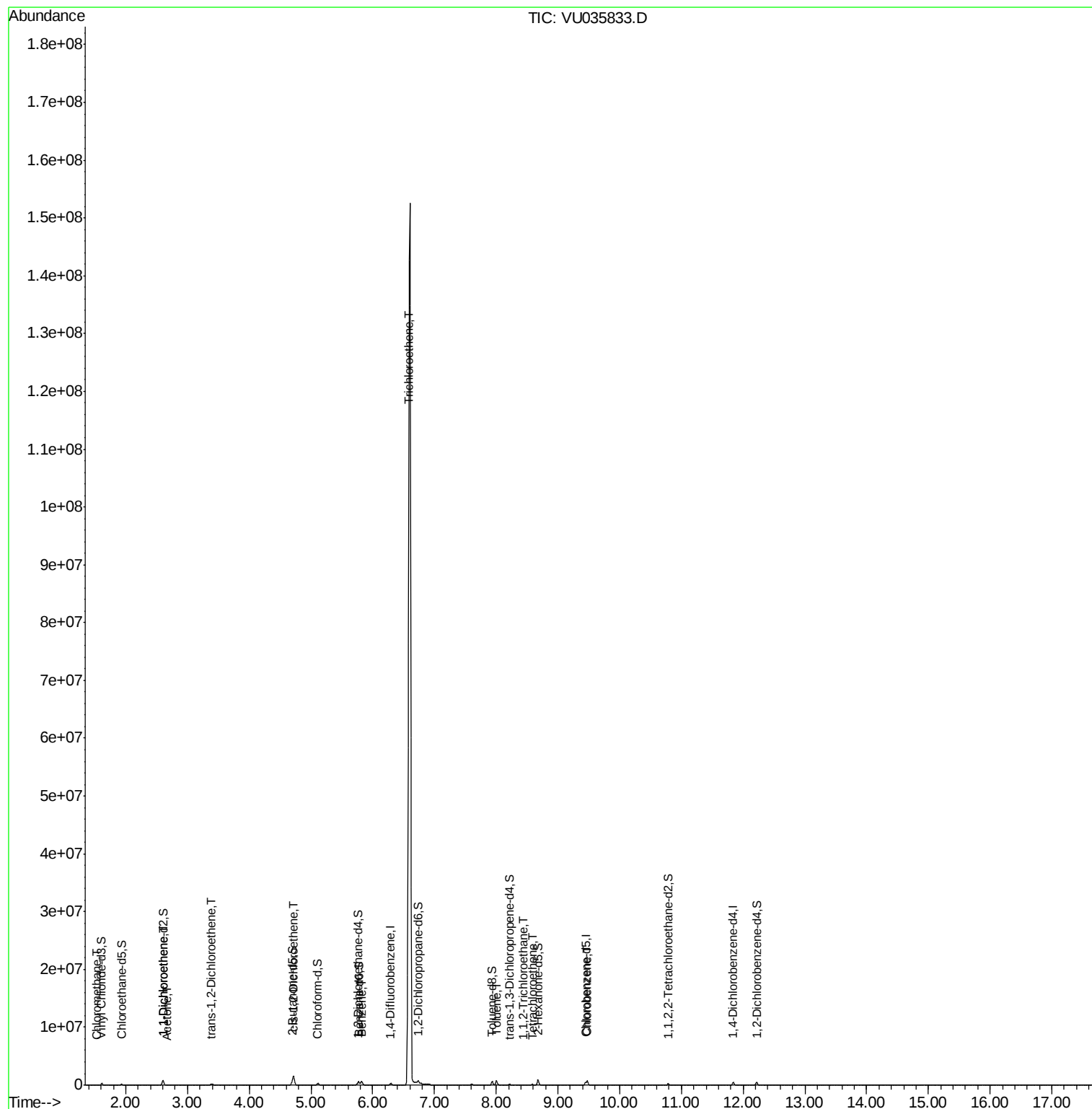
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112519\
Data File : VU035833.D
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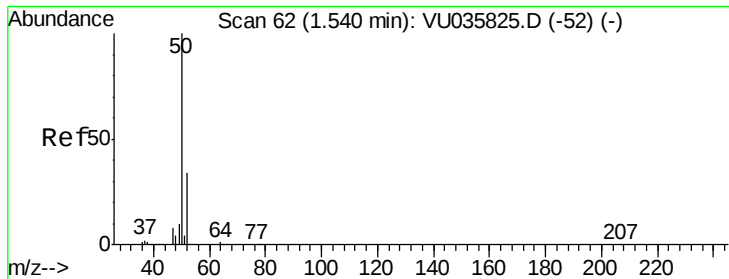
Instrument :
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Quant Time: Nov 26 01:51:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.276 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU035833.D

Acq: 25 Nov 2019 18:55

Instrument :

MSVOA_U

ClientSampled :

GARE5MSD

Tot Ion: 50 Resp: 11683

Ion Ratio Lower Upper

50 100

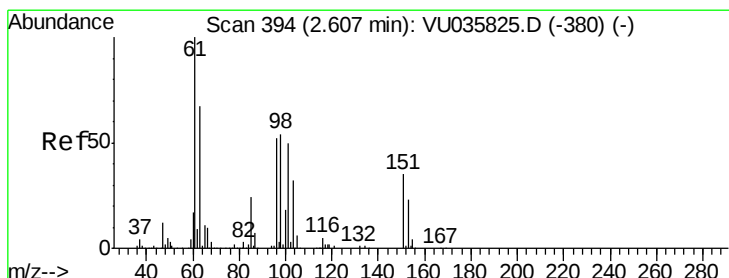
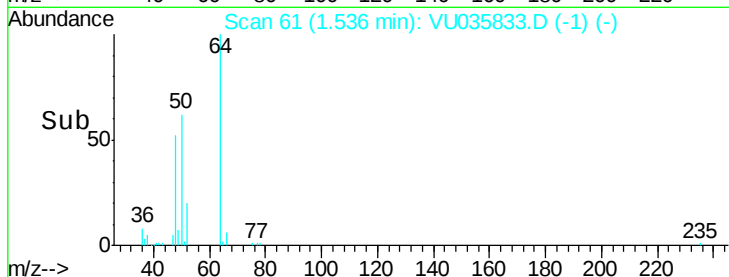
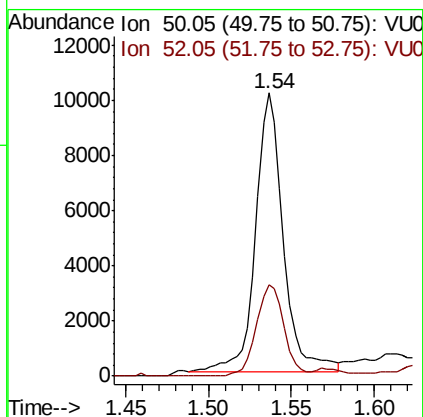
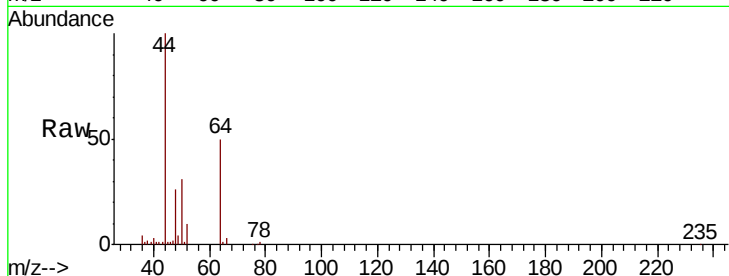
52 32.3 22.7 42.3

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#12

1,1-Dichloroethene

Concen: 8.246 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035833.D

Acq: 25 Nov 2019 18:55

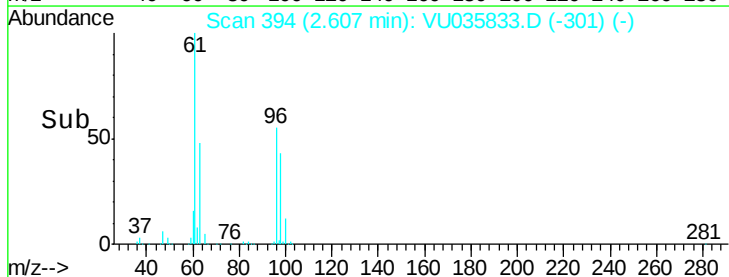
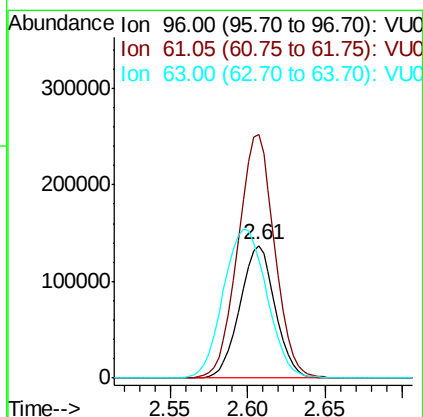
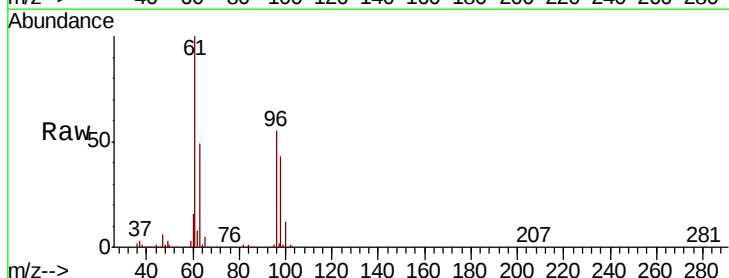
Tgt Ion: 96 Resp: 217480

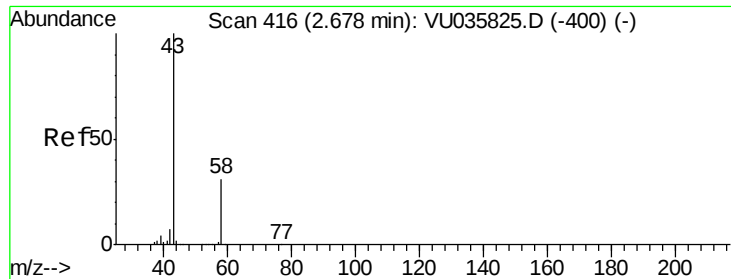
Ion Ratio Lower Upper

96 100

61 183.2 139.3 258.7

63 88.9 93.7 174.1#





#13

Acetone

Concen: 1.552 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035833.D

Acq: 25 Nov 2019 18:55

Instrument :

MSVOA_U

ClientSampleId :

GARE5MSD

Tot Ion: 43 Resp: 10443

Ion Ratio Lower Upper

43 100

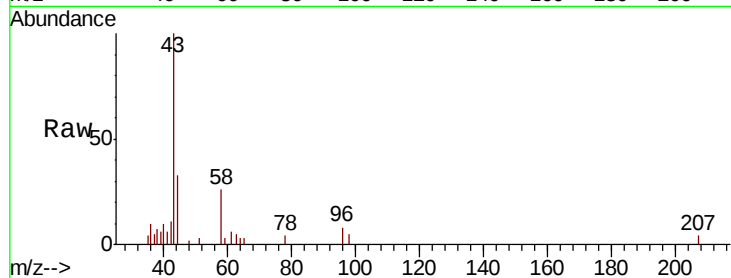
58 31.6 0.0 61.2

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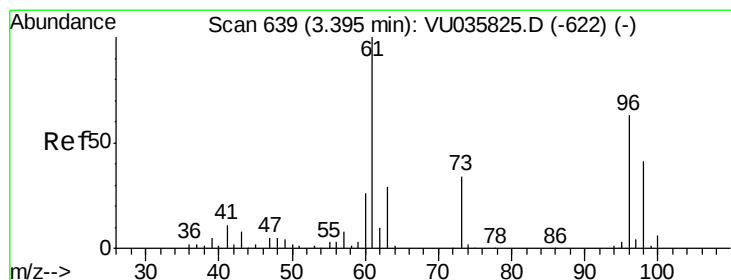
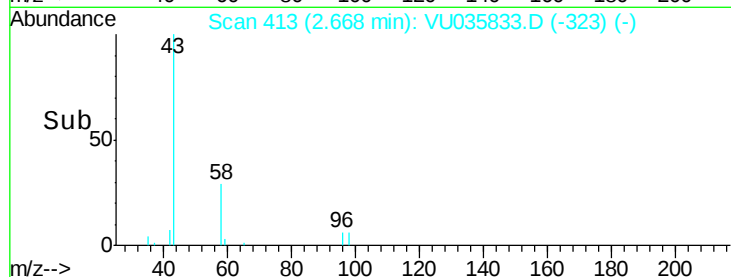
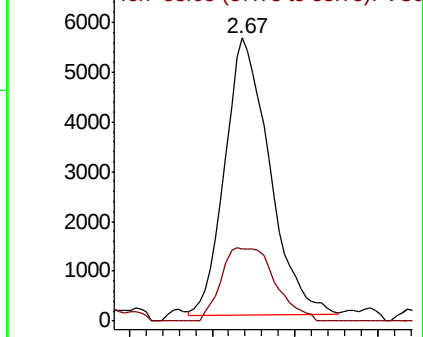
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Abundance Ion 43.05 (42.75 to 43.75): VU035833.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU035833.D (-323) (-)



#18

trans-1,2-Dichloroethene

Concen: 3.550 ug/L

RT: 3.39 min Scan# 638

Delta R.T. -0.00 min

Lab File: VU035833.D

Acq: 25 Nov 2019 18:55

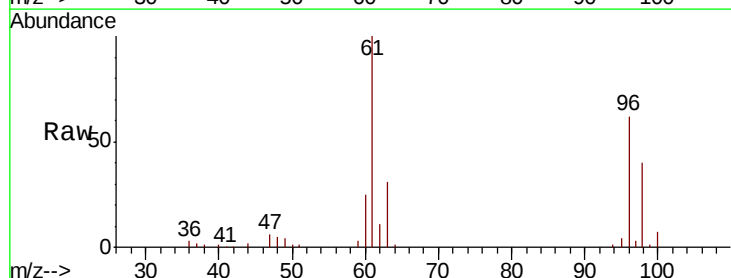
Tgt Ion: 96 Resp: 92205

Ion Ratio Lower Upper

96 100

61 160.6 111.1 206.3

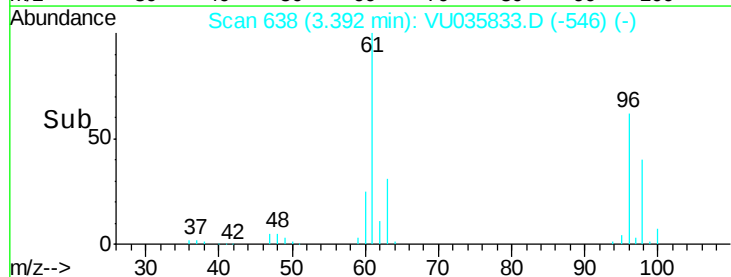
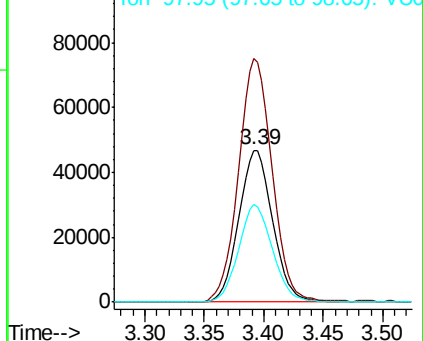
98 64.4 43.1 80.1

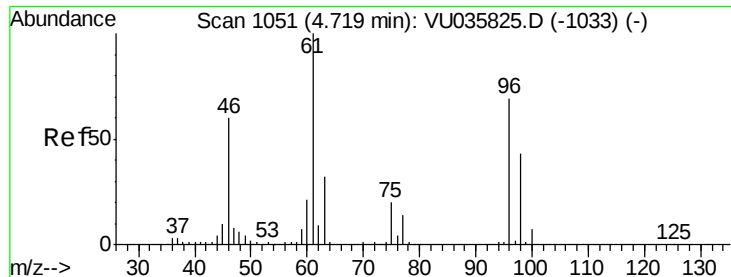


Abundance Ion 96.00 (95.70 to 96.70): VU035833.D (-546) (-)

Ion 61.05 (60.75 to 61.75): VU035833.D (-546) (-)

Ion 97.95 (97.65 to 98.65): VU035833.D (-546) (-)





#22

cis-1,2-Dichloroethene

Concen: 24.974 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035833.D

Acq: 25 Nov 2019 18:55

Instrument :

MSVOA_U

ClientSampleId :

GARE5MSD

Tot Ion: 96 Resp: 722773

Ion Ratio Lower Upper

96 100

61 143.0 98.1 182.1

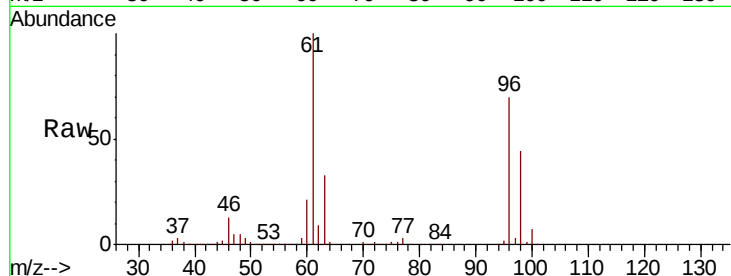
68 0.0 0.0 0.0

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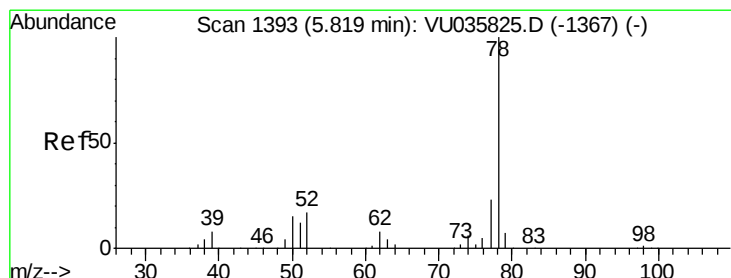
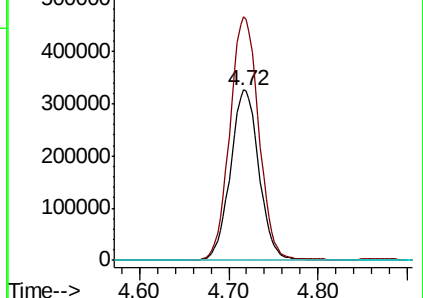
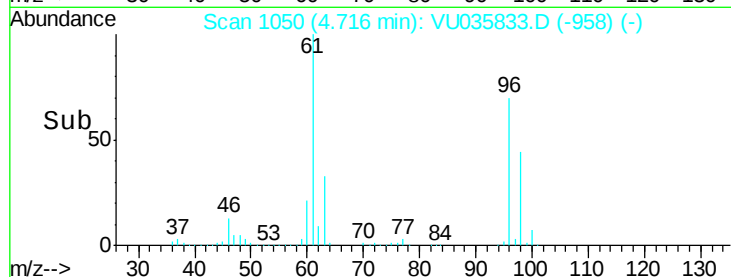


Abundance Ion 96.00 (95.70 to 96.70): VU035833.D (-958) (-)

Ion 61.05 (60.75 to 61.75): VU035833.D (-958) (-)

Ion 68.15 (67.85 to 68.85): VU035833.D (-958) (-)

Time-->



#33

Benzene

Concen: 5.335 ug/L

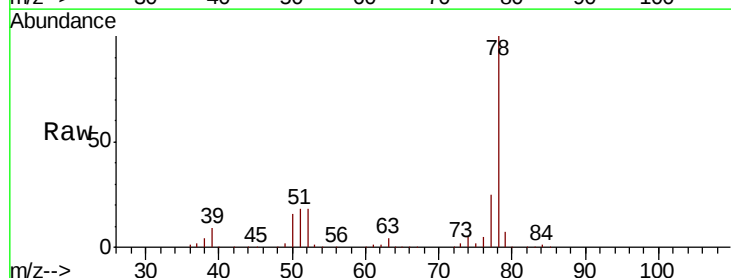
RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035833.D

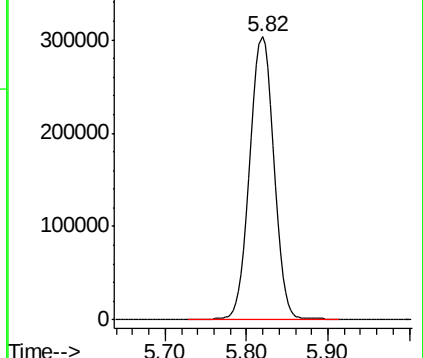
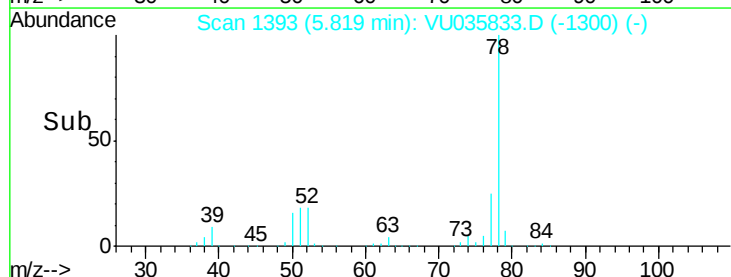
Acq: 25 Nov 2019 18:55

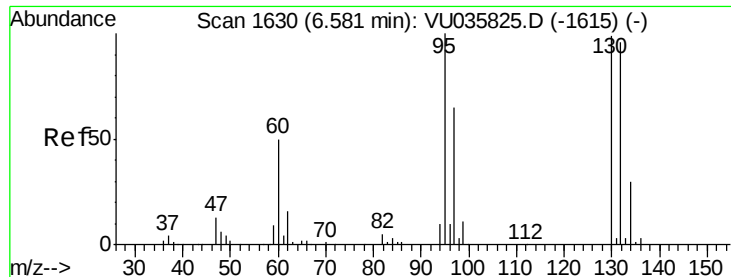
Tgt Ion: 78 Resp: 619738



Abundance Ion 78.10 (77.80 to 78.80): VU035833.D (-1300) (-)

Time-->





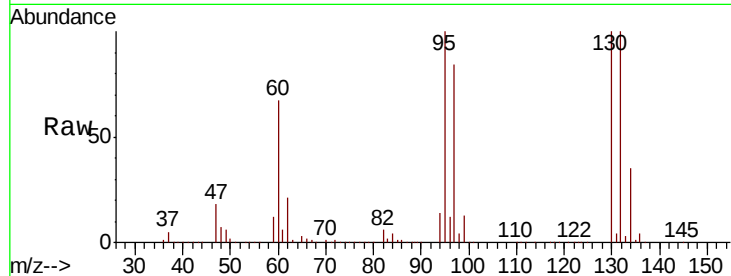
#34
 Trichloroethene
 Concen: 1106.598 ug/L m
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: VU035833.D
 Acq: 25 Nov 2019 18:55

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE5MSD

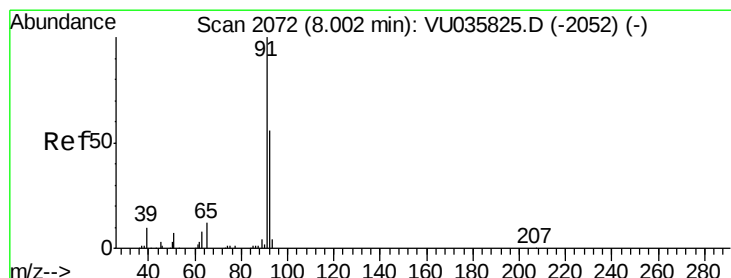
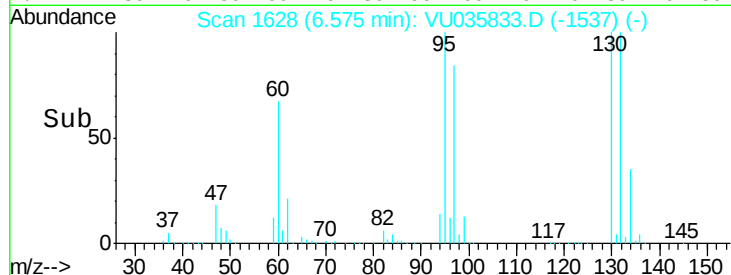
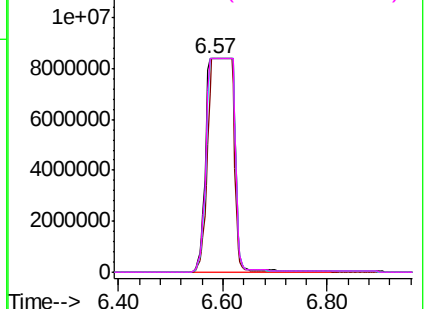
Tot Ion: 95 Resp: 31513826
 Ion Ratio Lower Upper
 95 100
 97 83.7 45.1 83.9
 132 100.0 61.9 114.9
 130 100.0 66.3 123.1

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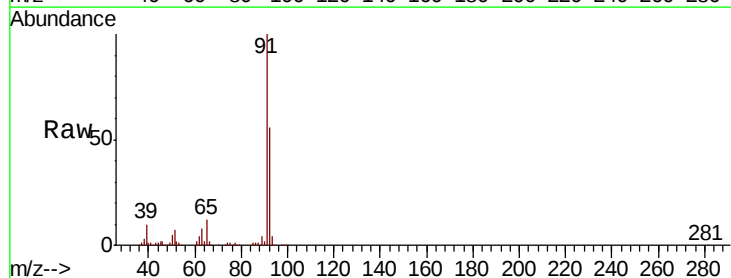


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

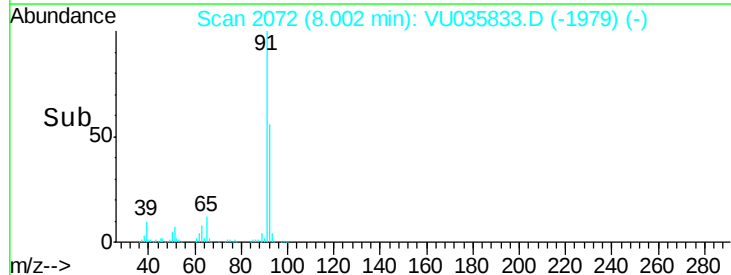
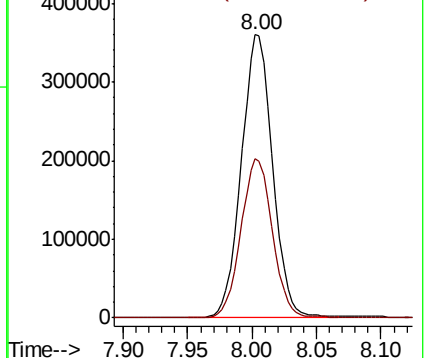


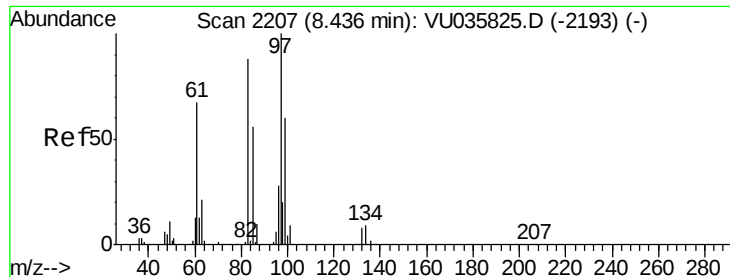
#42
 Toluene
 Concen: 5.031 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VU035833.D
 Acq: 25 Nov 2019 18:55

Tgt Ion: 91 Resp: 607953
 Ion Ratio Lower Upper
 91 100
 92 56.1 40.4 75.0



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





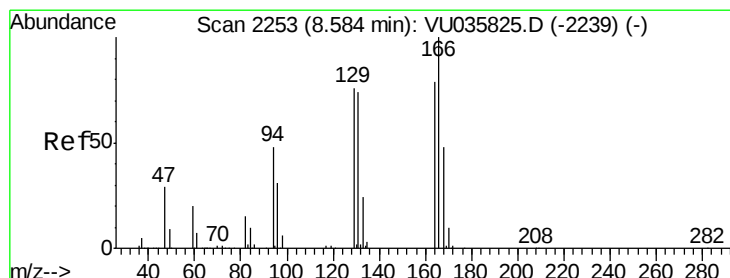
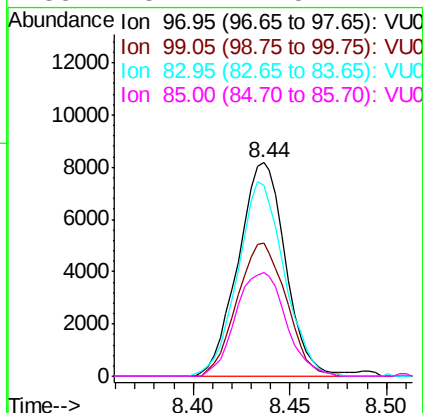
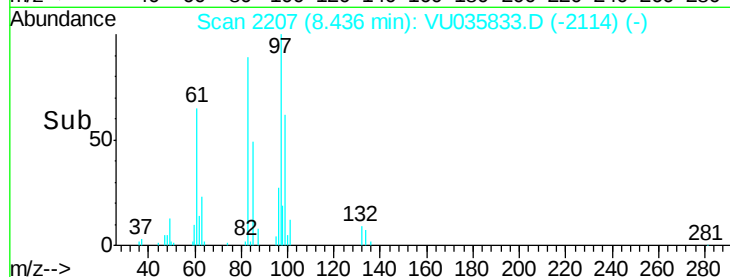
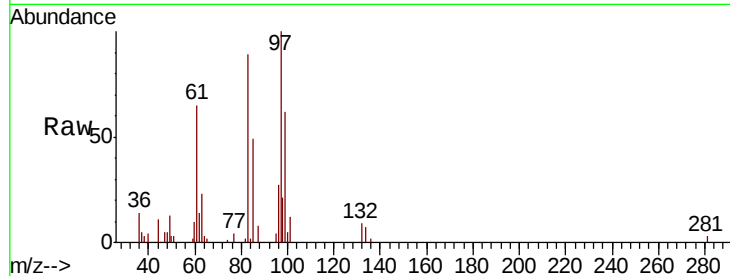
#45
 1,1,2-Trichloroethane
 Concen: 0.648 ug/L
 RT: 8.44 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: VU035833.D
 Acq: 25 Nov 2019 18:55

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE5MSD

Tot Ion:	97	Resp:	13906
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.2	82.0
83	89.1	62.2	115.6
85	48.7	41.5	77.1

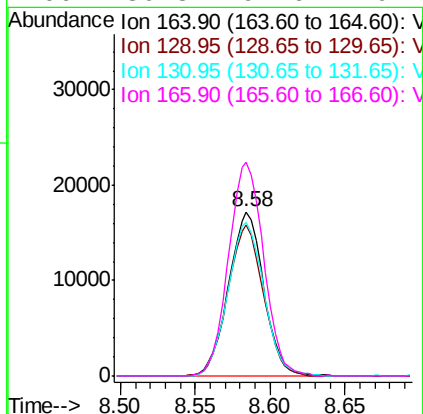
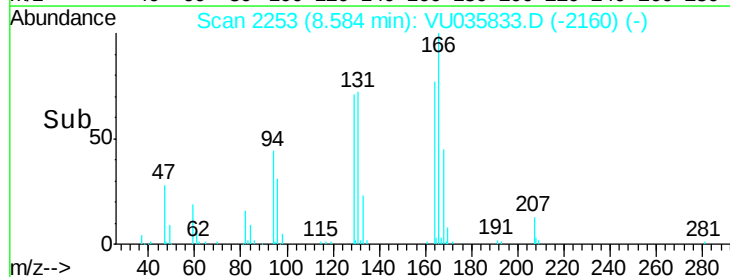
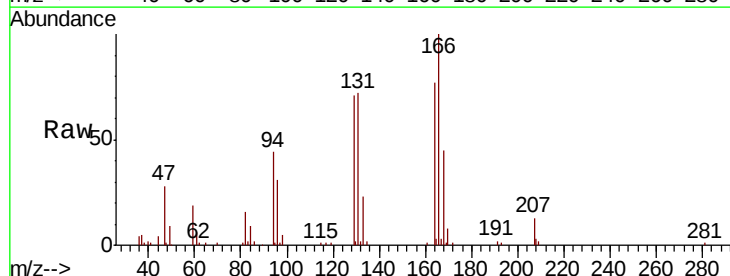
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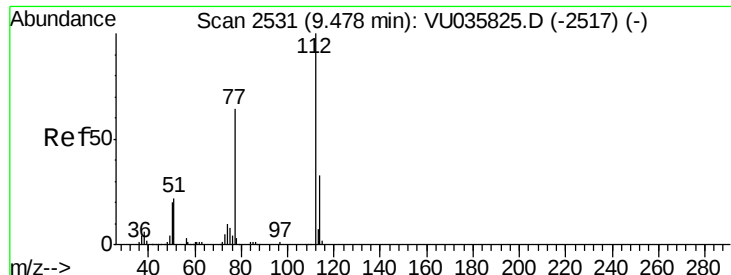
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#47
 Tetrachloroethene
 Concen: 1.302 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU035833.D
 Acq: 25 Nov 2019 18:55

Tgt Ion:	164	Resp:	28208
Ion	Ratio	Lower	Upper
164	100		
129	91.9	68.8	127.8
131	93.7	67.3	124.9
166	130.3	91.6	170.2





#51
Chlorobenzene
Concen: 5.075 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035833.D
Acq: 25 Nov 2019 18:55

Instrument :
MSVOA_U
ClientSampleId :
GARE5MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
114	30.7	22.2	41.2
77	62.1	50.1	75.1

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