

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112519\
 Data File : VU035832.D
 Acq On : 25 Nov 2019 18:30
 Operator : JC/SP
 Sample : K5992-03MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE5MS

Manual Integrations
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Quant Time: Nov 26 01:47:47 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	254327	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	274927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	114843	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134022	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	132053	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.60	63	302144	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.69	46	439773	57.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.40%
24) Chloroform-d	5.11	84	271099	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.75	65	157121	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.77	84	509404	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.74	67	182305	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.93	98	429567	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.21	79	67641	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.68	63	358497	64.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.70%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	151864	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	133851	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	4081	0.096	ug/L	88
12) 1,1-Dichloroethene	2.61	96	218136	8.243	ug/L	83
13) Acetone	2.67	43	5623	0.833	ug/L	86
18) trans-1,2-Dichloroethene	3.39	96	92887	3.565	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	725963	25.001	ug/L	98
33) Benzene	5.82	78	637877	5.558	ug/L	100
34) Trichloroethene	6.57	95	31594354m	1122.891	ug/L	
42) Toluene	8.00	91	629663	5.274	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	14210	0.670	ug/L	99
47) Tetrachloroethene	8.58	164	28297	1.322	ug/L	97
51) Chlorobenzene	9.48	112	387927	5.246	ug/L	100

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

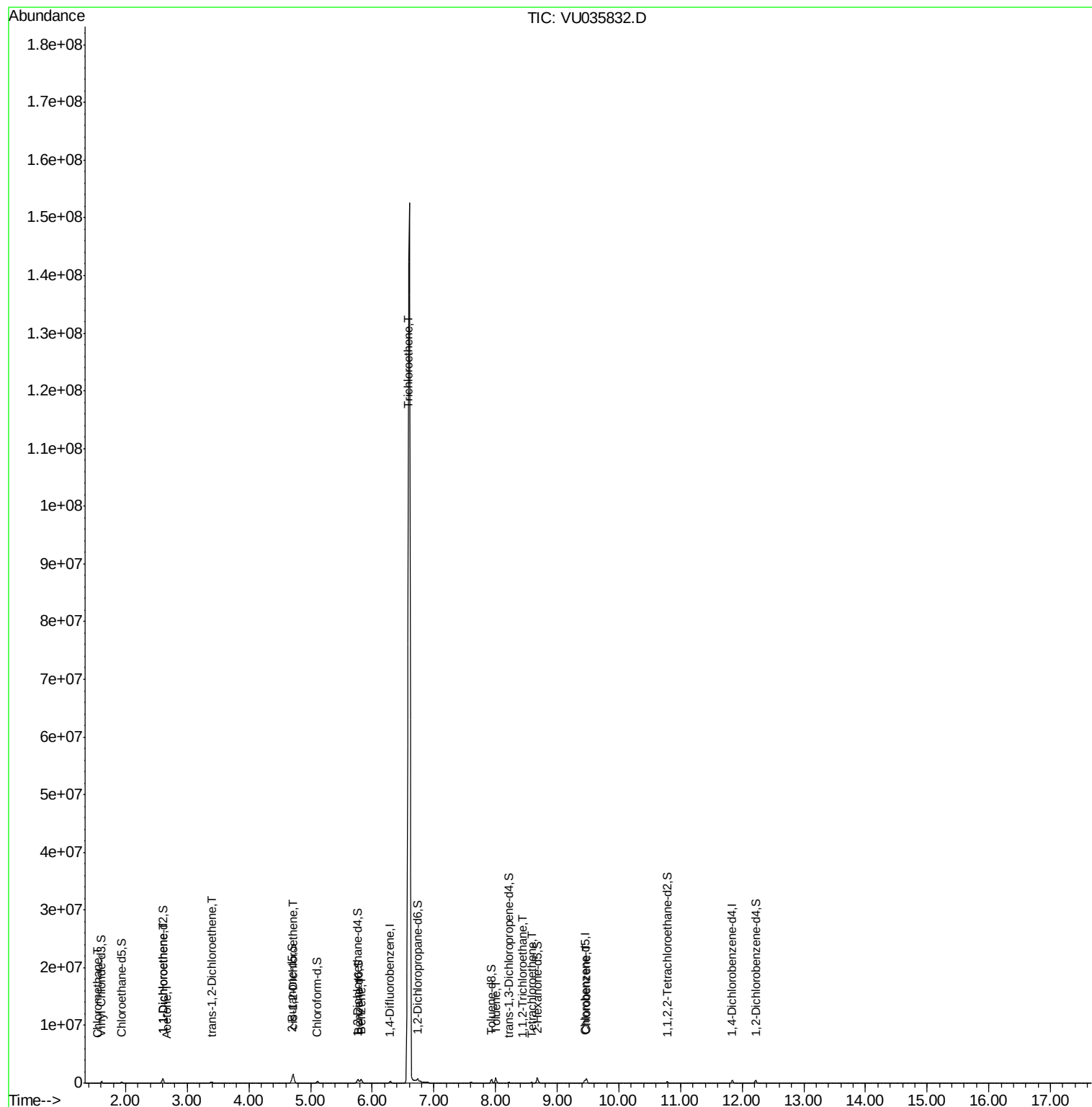
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112519\
Data File : VU035832.D
Acq On : 25 Nov 2019 18:30
Operator : JC/SP
Sample : K5992-03MS
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

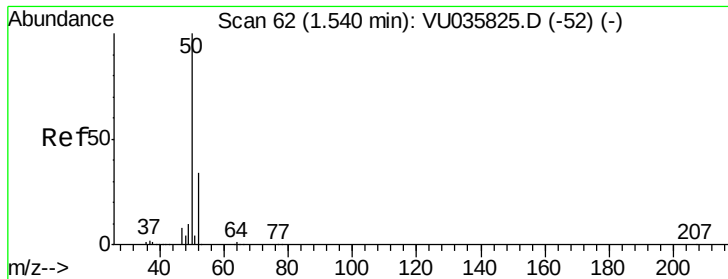
Instrument :
MSVOA_U
ClientSampleId :
GARE5MS

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Quant Time: Nov 26 01:47:47 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: 0.096 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU035832.D

Acq: 25 Nov 2019 18:30

Instrument :

MSVOA_U

ClientSampled :

GARE5MS

Tot Ion: 50 Resp: 4081

Ion Ratio Lower Upper

50 100

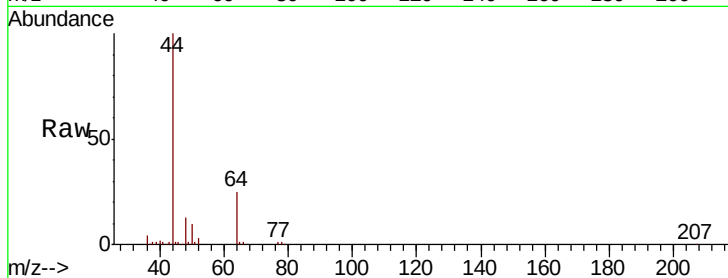
52 25.6 22.7 42.3

Manual Integrations

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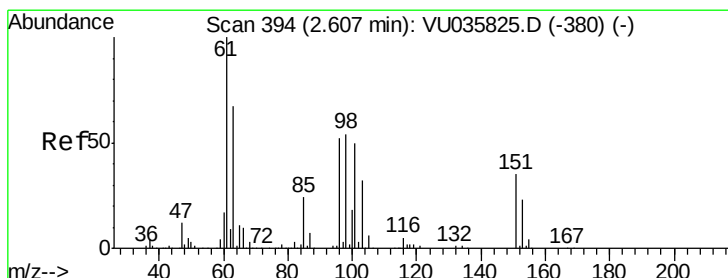
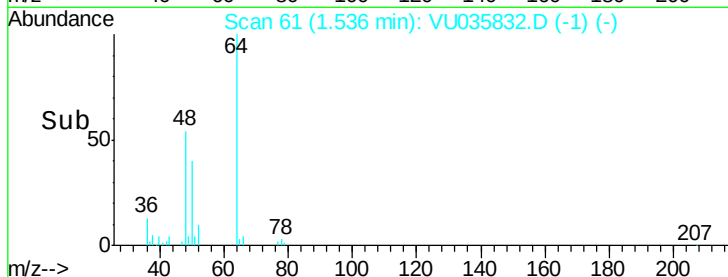
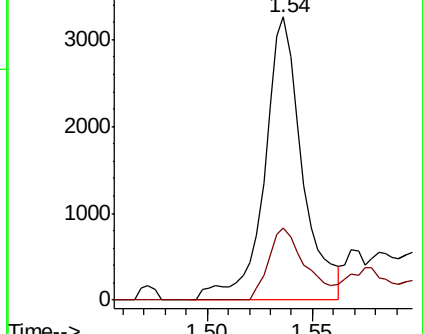
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Abundance Ion 50.05 (49.75 to 50.75): VU035832.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU035832.D (-1) (-)



#12

1,1-Dichloroethene

Concen: 8.243 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035832.D

Acq: 25 Nov 2019 18:30

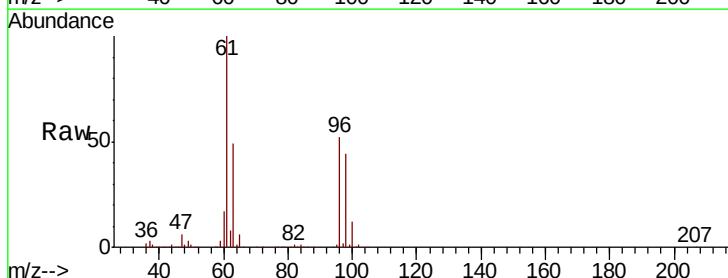
Tgt Ion: 96 Resp: 218136

Ion Ratio Lower Upper

96 100

61 191.0 139.3 258.7

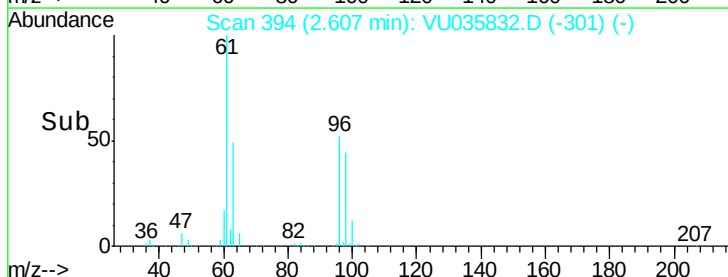
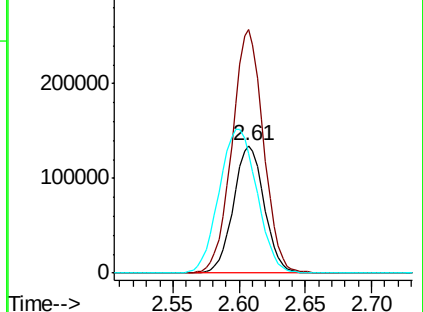
63 94.0 93.7 174.1

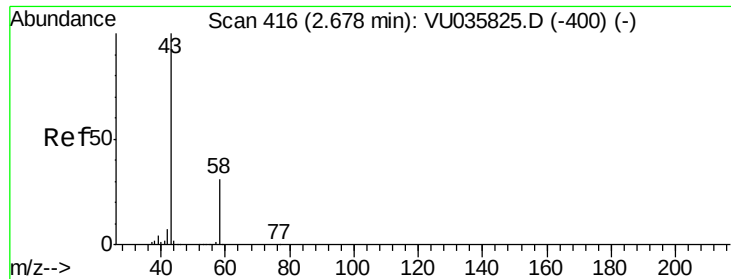


Abundance Ion 96.00 (95.70 to 96.70): VU035832.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035832.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035832.D (-301) (-)





#13

Acetone

Concen: 0.833 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU035832.D

Acq: 25 Nov 2019 18:30

Instrument :

MSVOA_U

ClientSampled :

GARE5MS

Tot Ion: 43 Resp: 5623

Ion Ratio Lower Upper

43 100

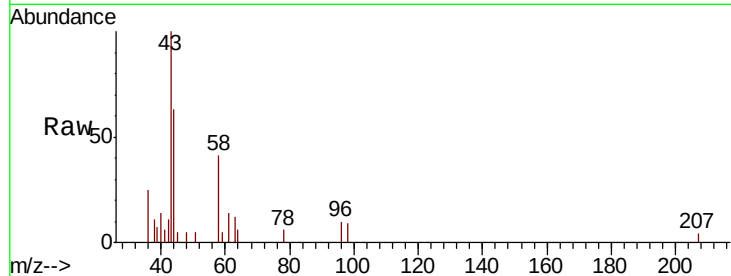
58 38.3 0.0 61.2

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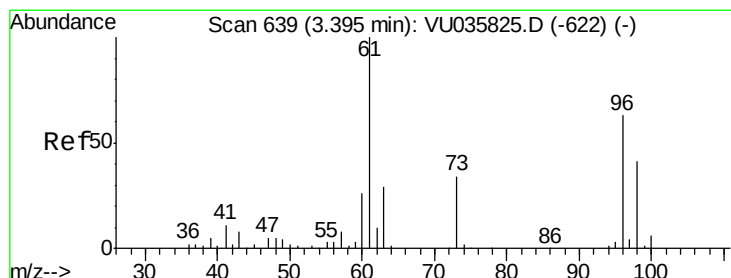
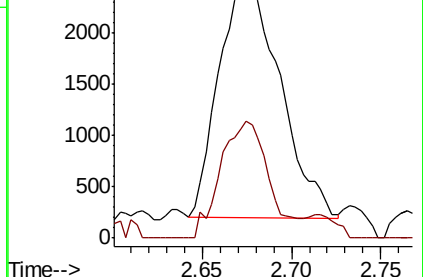
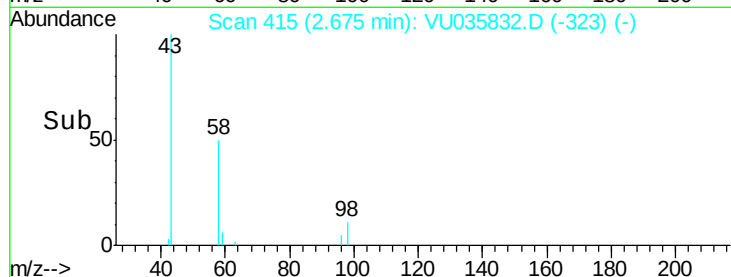
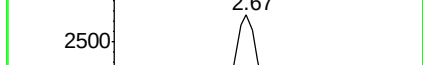
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Abundance Ion 43.05 (42.75 to 43.75): VU035832.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU035832.D (-323) (-)



#18

trans-1,2-Dichloroethene

Concen: 3.565 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU035832.D

Acq: 25 Nov 2019 18:30

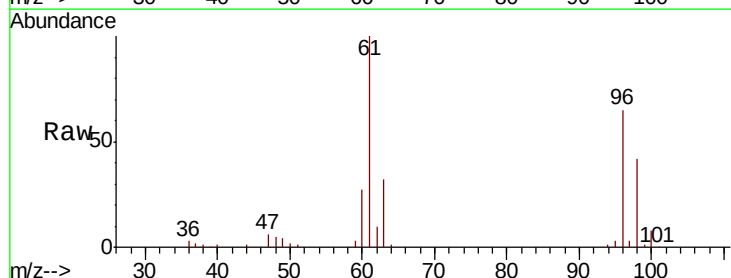
Tgt Ion: 96 Resp: 92887

Ion Ratio Lower Upper

96 100

61 153.5 111.1 206.3

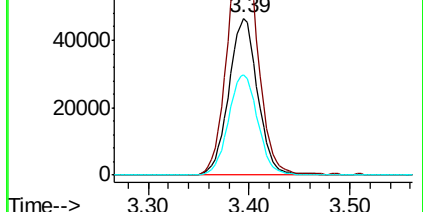
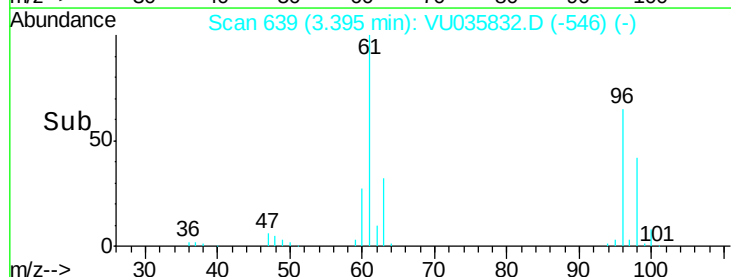
98 64.2 43.1 80.1

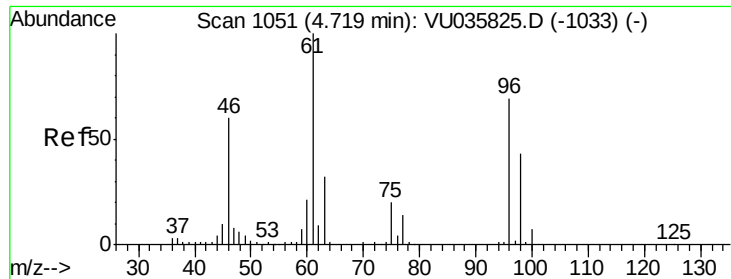


Abundance Ion 96.00 (95.70 to 96.70): VU035832.D (-546) (-)

Ion 61.05 (60.75 to 61.75): VU035832.D (-546) (-)

Ion 97.95 (97.65 to 98.65): VU035832.D (-546) (-)





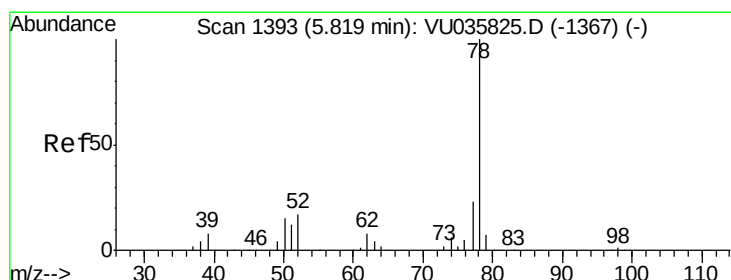
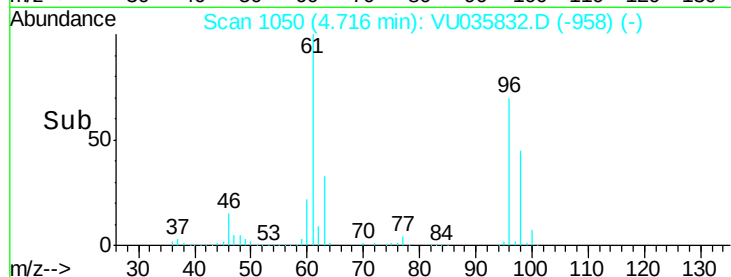
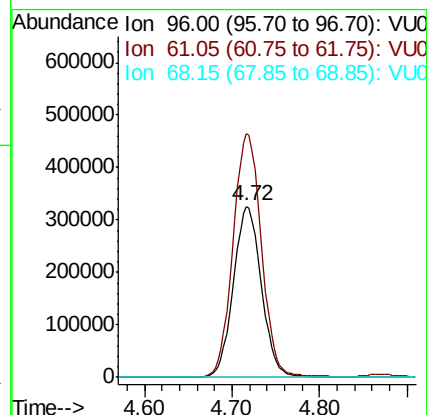
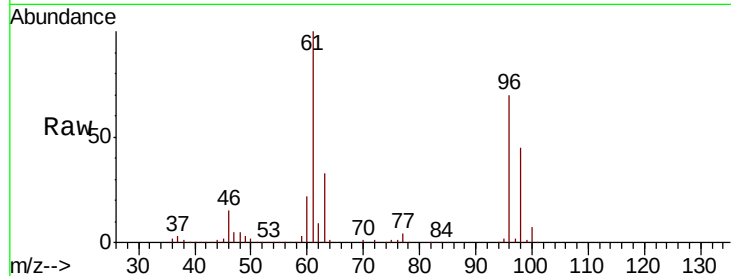
#22
 cis-1,2-Dichloroethene
 Concen: 25.001 ug/L
 RT: 4.72 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU035832.D
 Acq: 25 Nov 2019 18:30

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE5MS

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	142.1	98.1	182.1	
68	0.0	0.0	0.0	

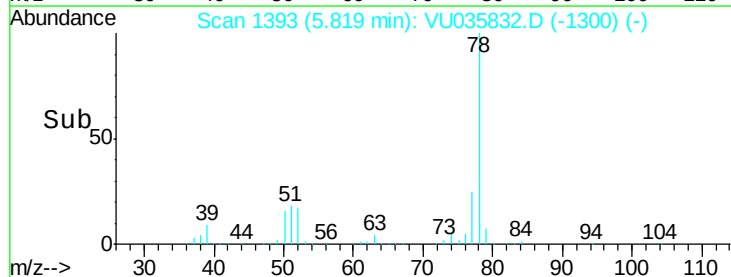
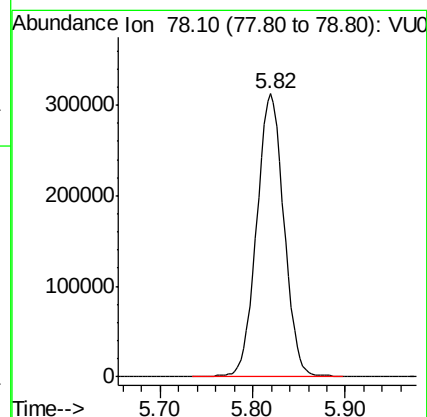
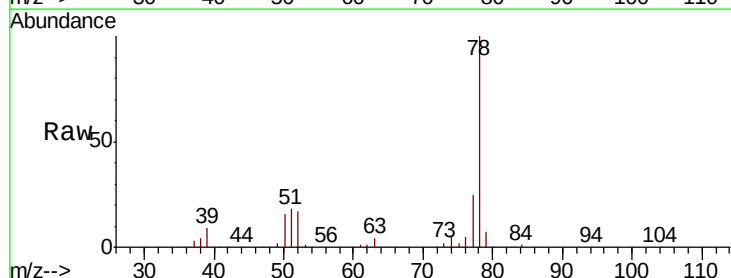
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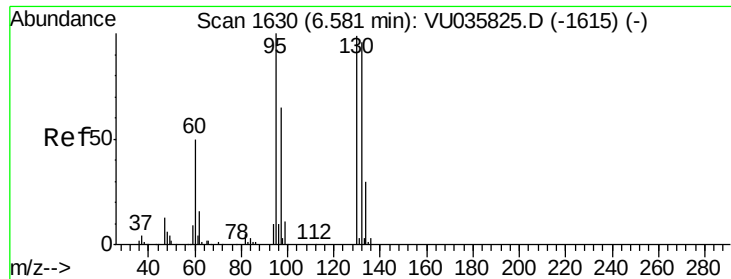
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#33
 Benzene
 Concen: 5.558 ug/L
 RT: 5.82 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VU035832.D
 Acq: 25 Nov 2019 18:30

Tgt Ion: 78 Resp: 637877





#34

Trichloroethene

Concen: 1122.891 ug/L m

RT: 6.57 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VU035832.D

Acq: 25 Nov 2019 18:30

Instrument :

MSVOA_U

ClientSampleId :

GARE5MS

Tot Ion: 95 Resp: 31594354

Ion Ratio Lower Upper

95 100

97 83.5 45.1 83.9

132 100.0 61.9 114.9

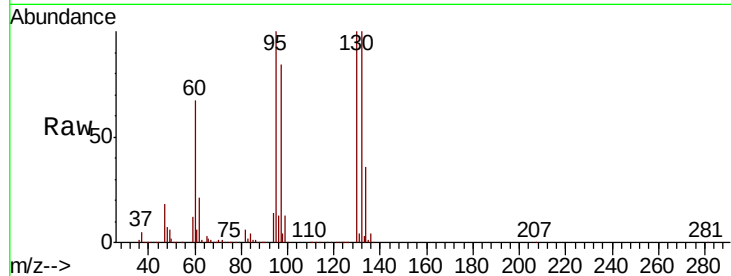
130 100.0 66.3 123.1

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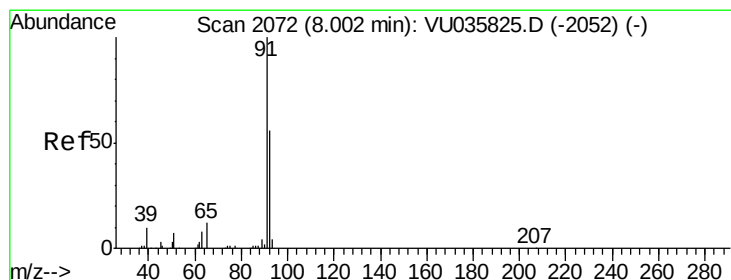
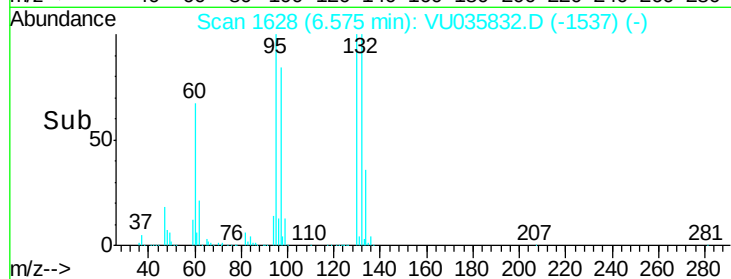
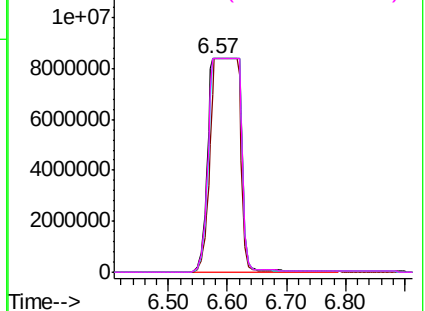


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.274 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU035832.D

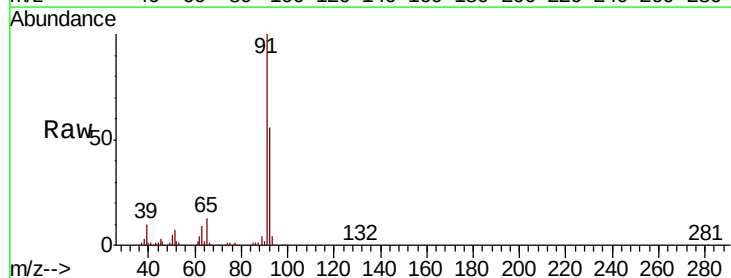
Acq: 25 Nov 2019 18:30

Tgt Ion: 91 Resp: 629663

Ion Ratio Lower Upper

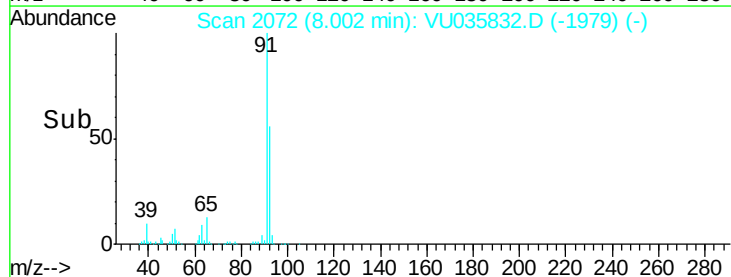
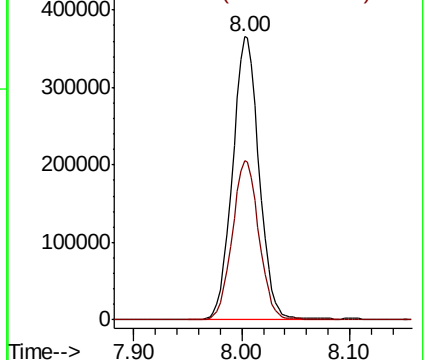
91 100

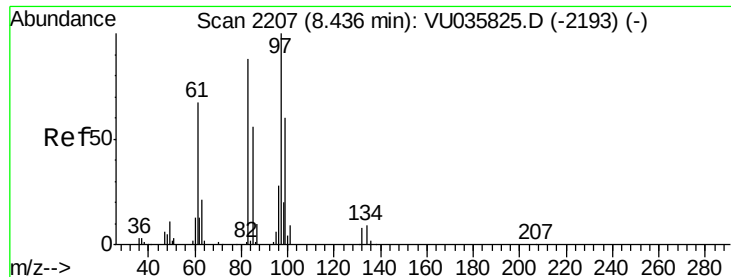
92 56.4 40.4 75.0



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





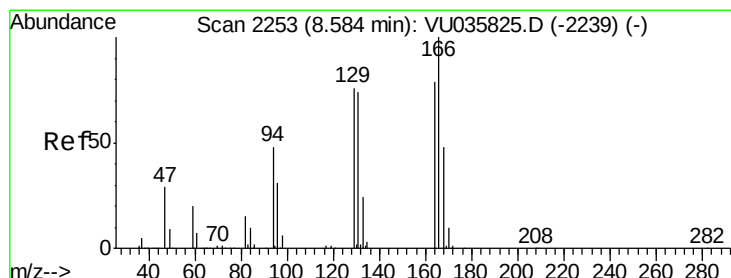
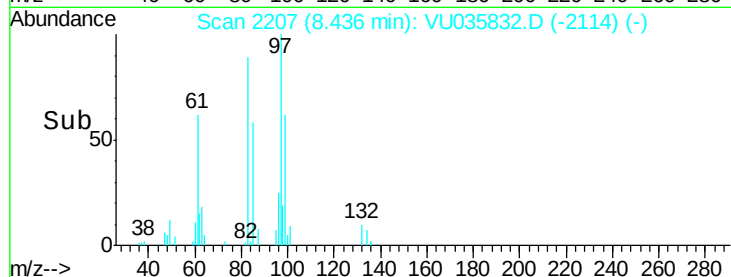
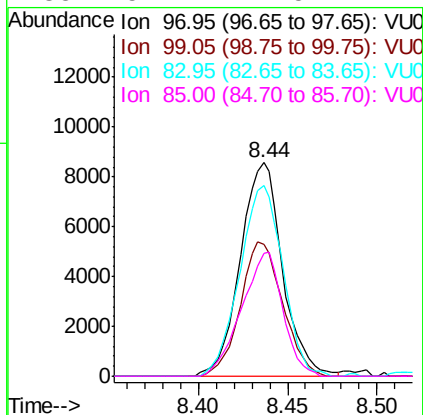
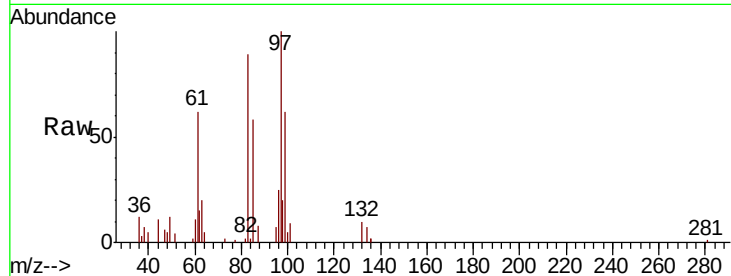
#45
 1,1,2-Trichloroethane
 Concen: 0.670 ug/L
 RT: 8.44 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: VU035832.D
 Acq: 25 Nov 2019 18:30

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE5MS

Tot Ion:	97	Resp:	14210
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.2	82.0
83	89.4	62.2	115.6
85	57.7	41.5	77.1

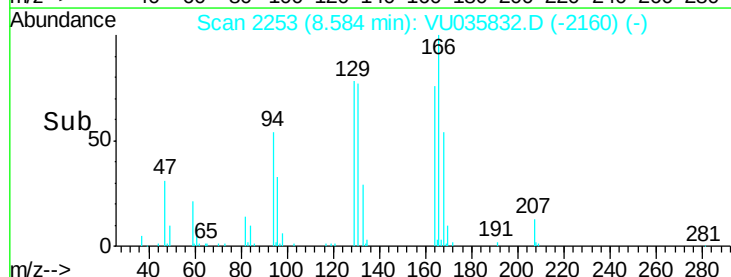
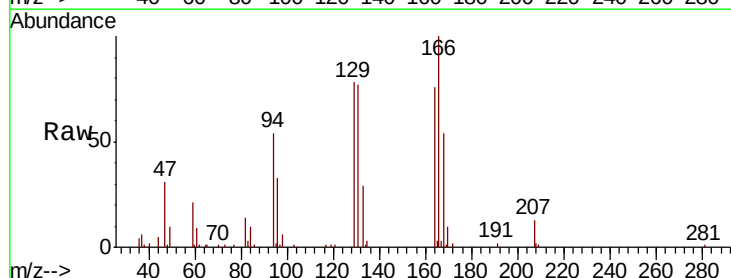
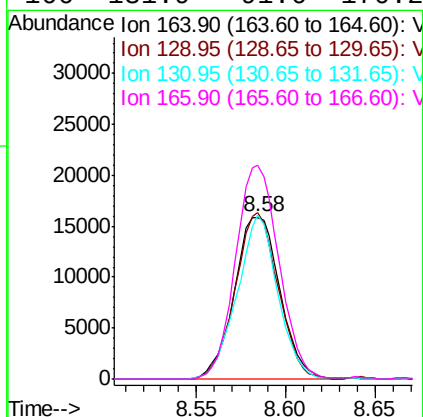
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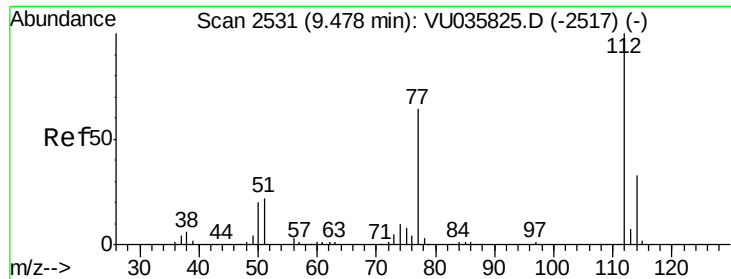
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#47
 Tetrachloroethene
 Concen: 1.322 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU035832.D
 Acq: 25 Nov 2019 18:30

Tgt Ion:	164	Resp:	28297
Ion	Ratio	Lower	Upper
164	100		
129	103.0	68.8	127.8
131	100.9	67.3	124.9
166	131.9	91.6	170.2





#51
 Chlorobenzene
 Concen: 5.246 ug/L
 RT: 9.48 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: VU035832.D
 Acq: 25 Nov 2019 18:30

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE5MS

Tot Ion:	112	Resp:	387927
Ion Ratio	Lower	Upper	
112	100		
114	31.9	22.2	41.2
77	62.4	50.1	75.1

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