

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102319\
 Data File : VU035427.D
 Acq On : 23 Oct 2019 23:23
 Operator : JC/SP
 Sample : K5488-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G53

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 9:51:12 AM

Quant Time: Oct 24 07:03:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 24 05:20:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	201157	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	207847	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	70077	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	54480	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.93	69	57613	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	80146	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.71	46	232998	66.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.20%#
24) Chloroform-d	5.11	84	130068	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
26) 1,2-Dichloroethane-d4	5.75	65	75575	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.80%
32) Benzene-d6	5.77	84	235756	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.74	67	87623	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	7.93	98	191194	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	8.22	79	29304	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.68	63	151881	47.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.04%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	80537	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	68350	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	24505	1.405	ug/L 84
13) Acetone	2.67	43	3256	1.328	ug/L 98
17) Methyl tert-butyl Ether	3.43	73	1162484	33.422	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	3017	0.216	ug/L 90
19) 1,1-Dichloroethane	3.92	63	41556	1.648	ug/L 96
22) cis-1,2-Dichloroethene	4.72	96	9014	0.585	ug/L 83
33) Benzene	5.82	78	21204m	0.347	ug/L
34) Trichloroethene	6.58	95	4369	0.266	ug/L 93

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

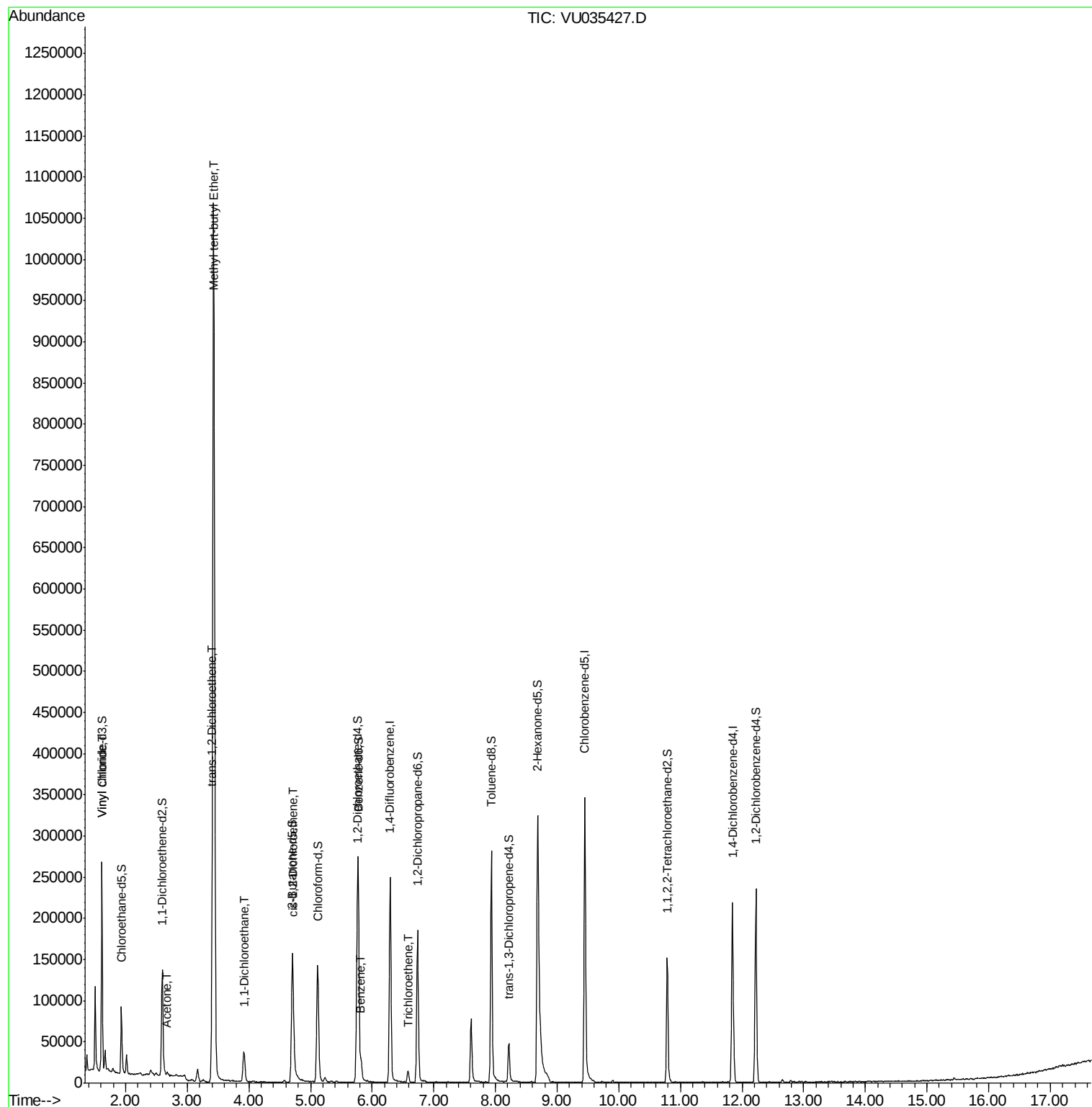
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102319\
Data File : VU035427.D
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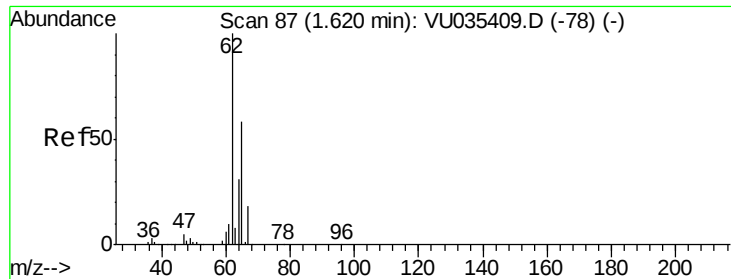
Instrument :
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QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.405 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035427.D

Acq: 23 Oct 2019 23:23

Instrument :

MSVOA_U

ClientSampled :

H0G53

Tot Ion: 62 Resp: 24505

Ion Ratio Lower Upper

62 100

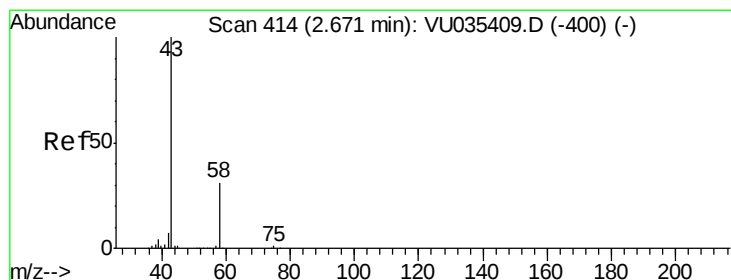
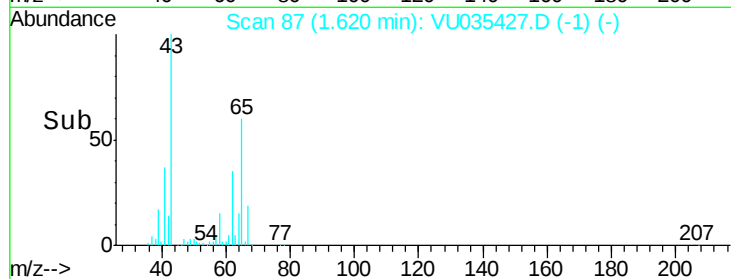
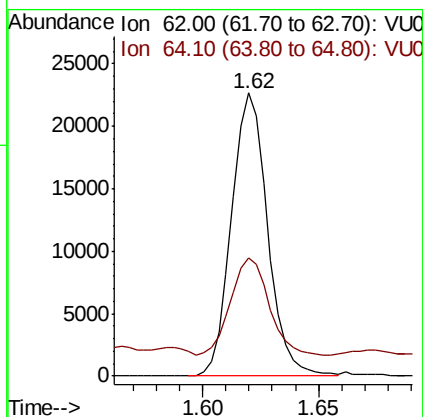
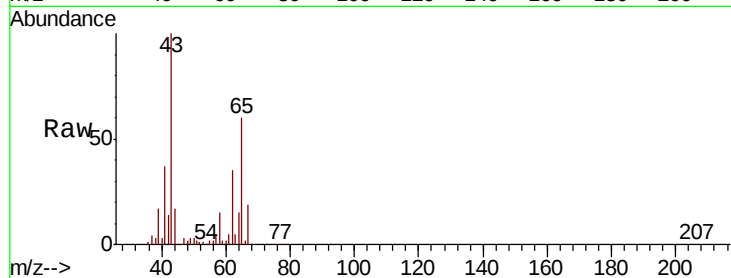
64 42.0 22.9 42.5

Manual Integrations

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#13

Acetone

Concen: 1.328 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035427.D

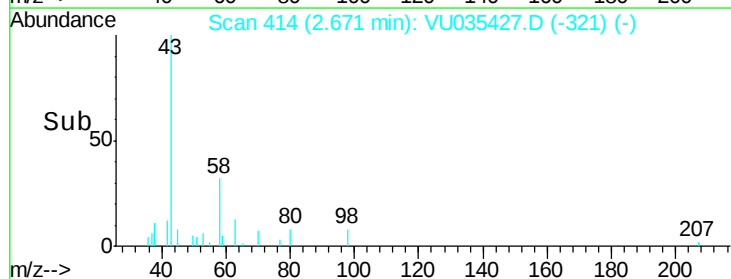
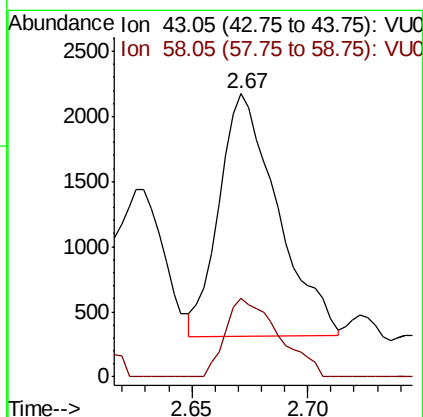
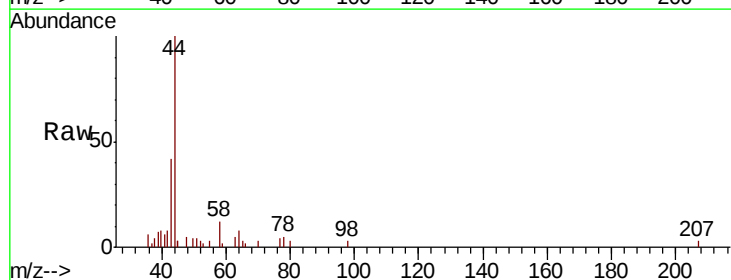
Acq: 23 Oct 2019 23:23

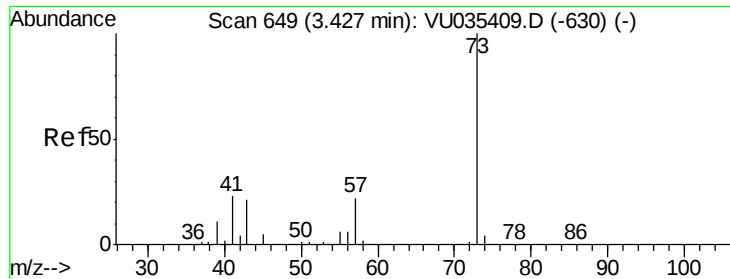
Tgt Ion: 43 Resp: 3256

Ion Ratio Lower Upper

43 100

58 29.8 0.0 61.8





#17

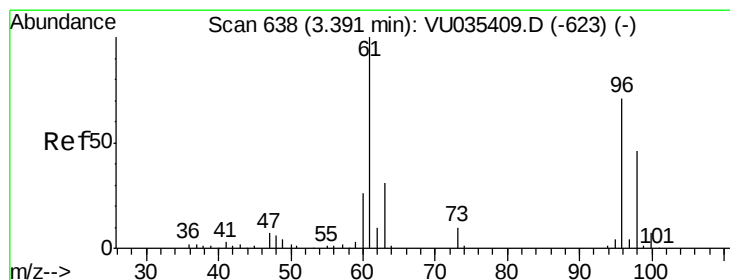
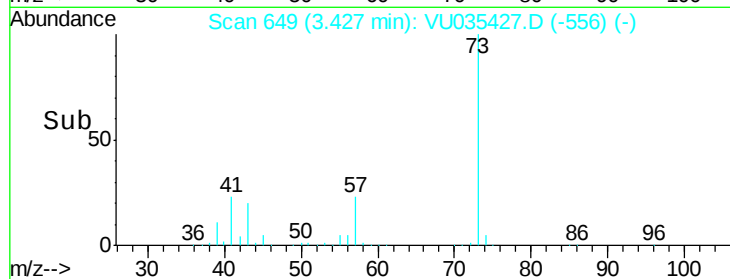
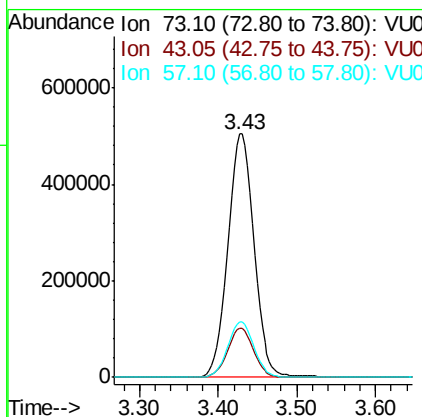
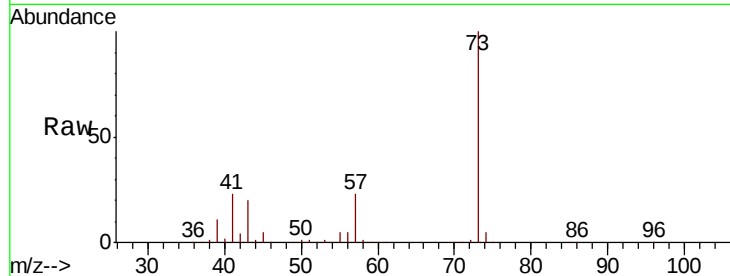
Methvl tert-butvl Ether
 Concen: 33.422 ug/L
 RT: 3.43 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: VU035427.D
 Acq: 23 Oct 2019 23:23

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion: 73 Resp: 1162484
 Ion Ratio Lower Upper
 73 100
 43 20.2 16.0 24.0
 57 22.8 17.4 26.2

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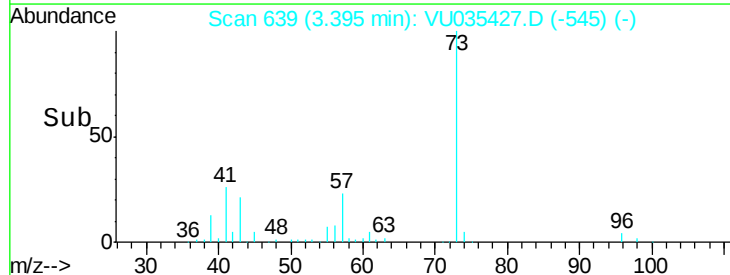
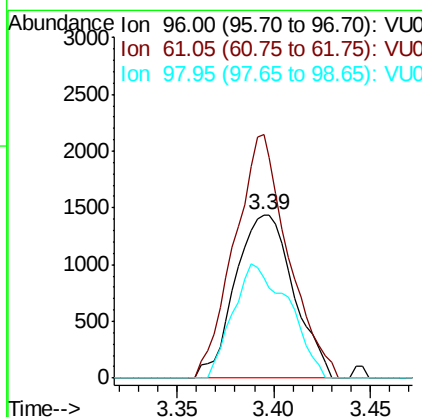
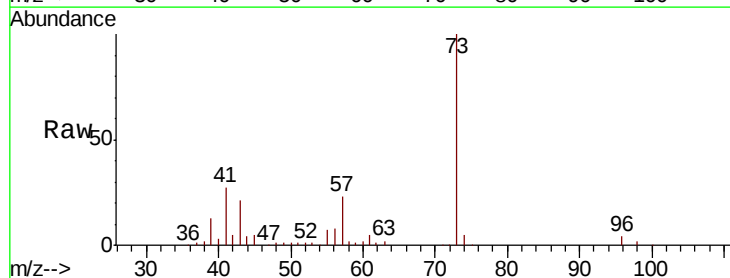
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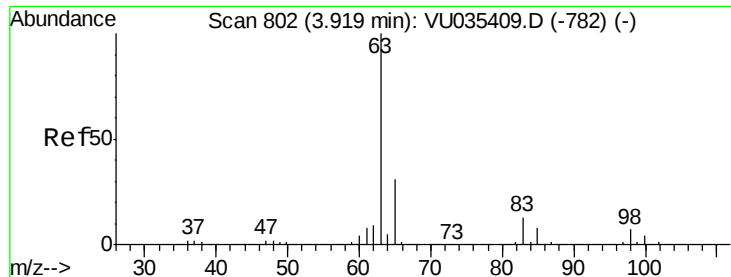


#18

trans-1,2-Dichloroethene
 Concen: 0.216 ug/L
 RT: 3.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VU035427.D
 Acq: 23 Oct 2019 23:23

Tgt Ion: 96 Resp: 3017
 Ion Ratio Lower Upper
 96 100
 61 149.2 93.0 172.6
 98 61.2 43.7 81.1





#19

1,1-Dichloroethane

Concen: 1.648 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035427.D

Acq: 23 Oct 2019 23:23

Instrument :

MSVOA_U

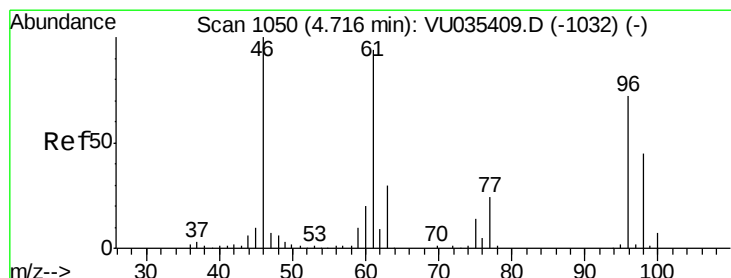
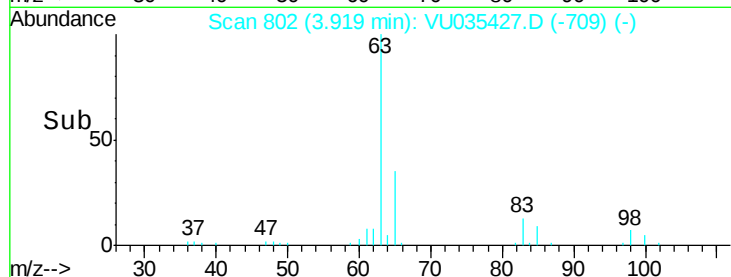
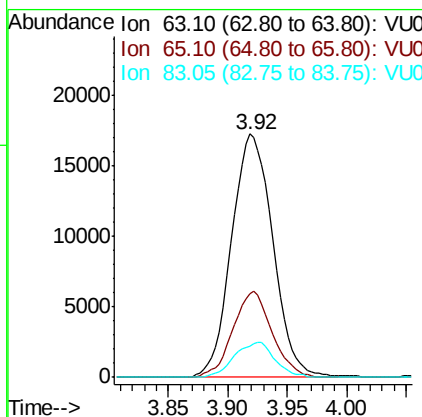
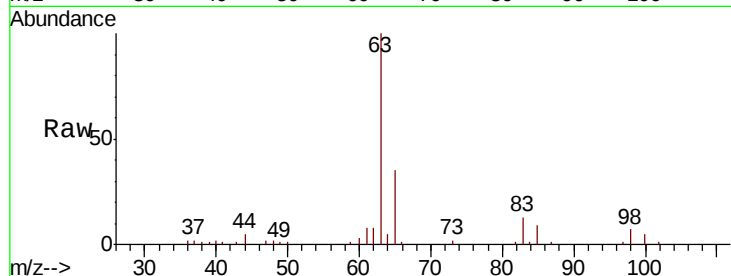
ClientSampleId :

H0G53

Tot Ion:	63	Resp:	41556
Ion	Ratio	Lower	Upper
63	100		
65	34.5	22.4	41.6
83	12.8	9.3	17.3

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#22

cis-1,2-Dichloroethene

Concen: 0.585 ug/L

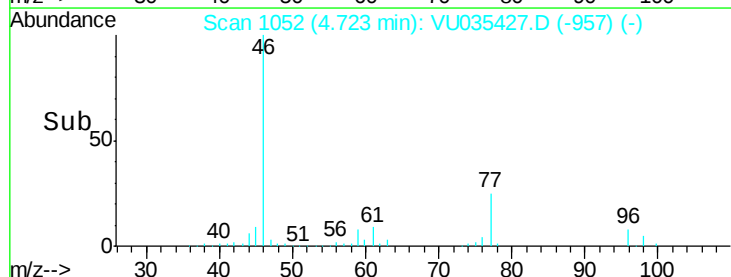
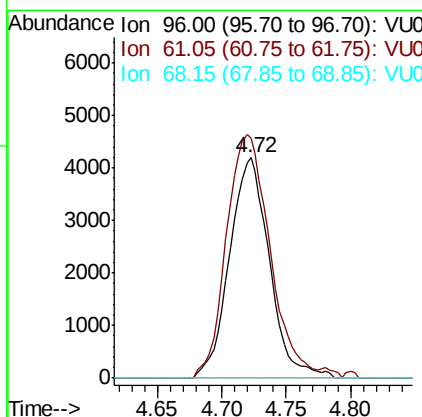
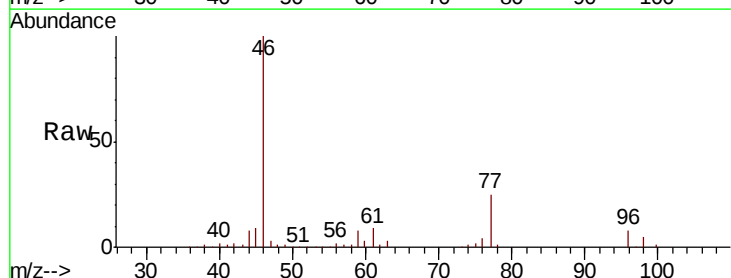
RT: 4.72 min Scan# 1052

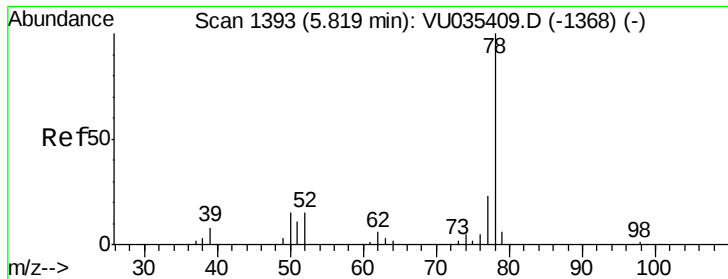
Delta R.T. 0.01 min

Lab File: VU035427.D

Acq: 23 Oct 2019 23:23

Tgt Ion:	96	Resp:	9014
Ion	Ratio	Lower	Upper
96	100		
61	108.8	89.7	166.5
68	0.0	0.0	0.0





#33

Benzene

Concen: 0.347 ug/L m

RT: 5.82 min Scan# 1394

Delta R.T. 0.00 min

Lab File: VU035427.D

Acq: 23 Oct 2019 23:23

Instrument :

MSVOA_U

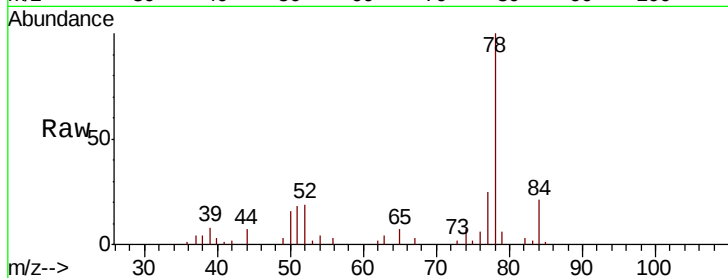
ClientSampleId :

H0G53

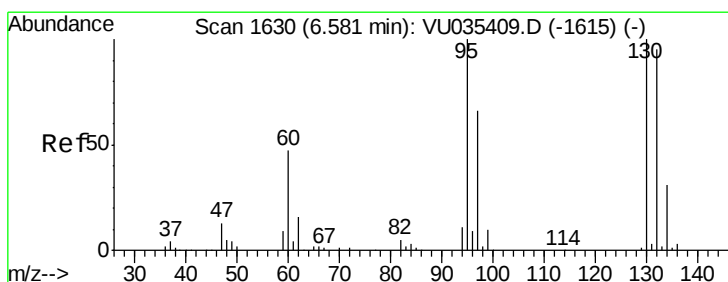
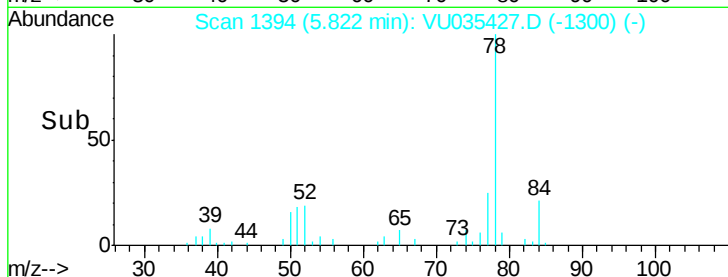
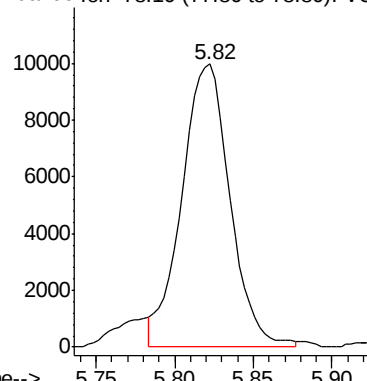
Tgt Ion: 78 Resp: 21204

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Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.266 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035427.D

Acq: 23 Oct 2019 23:23

Tgt Ion: 95 Resp: 4369

Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.6	86.6
132	102.3	68.7	127.7
130	92.7	73.9	137.3

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

