

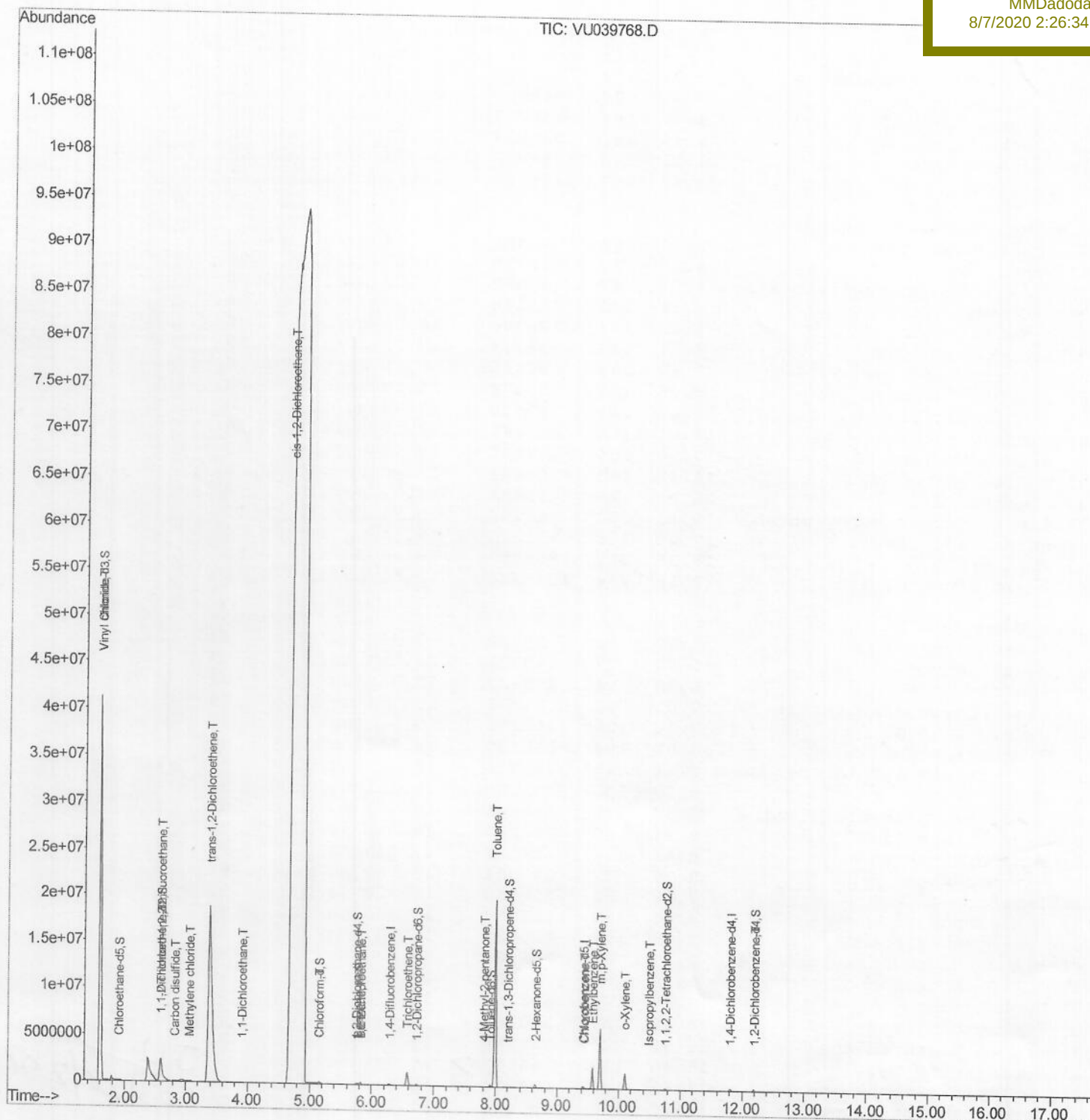
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
Data File : VU039767.D
Acq On : 06 Aug 2020 19:50
Operator : SY/MD
Sample : L3578-01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 07 05:10:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFWN9

Manual Integrations
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8/7/2020 2:26:34 PM



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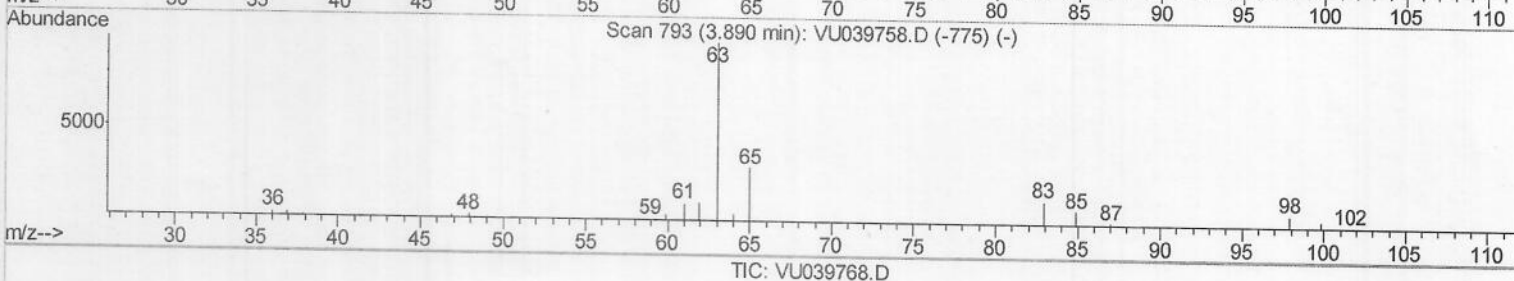
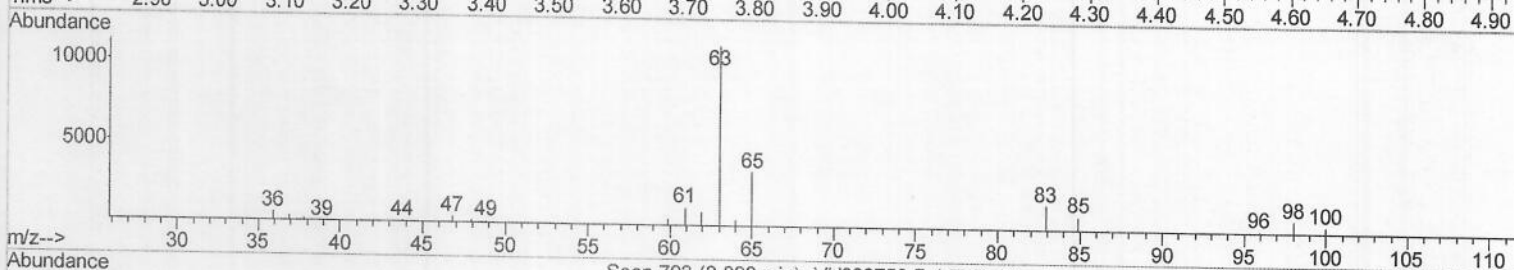
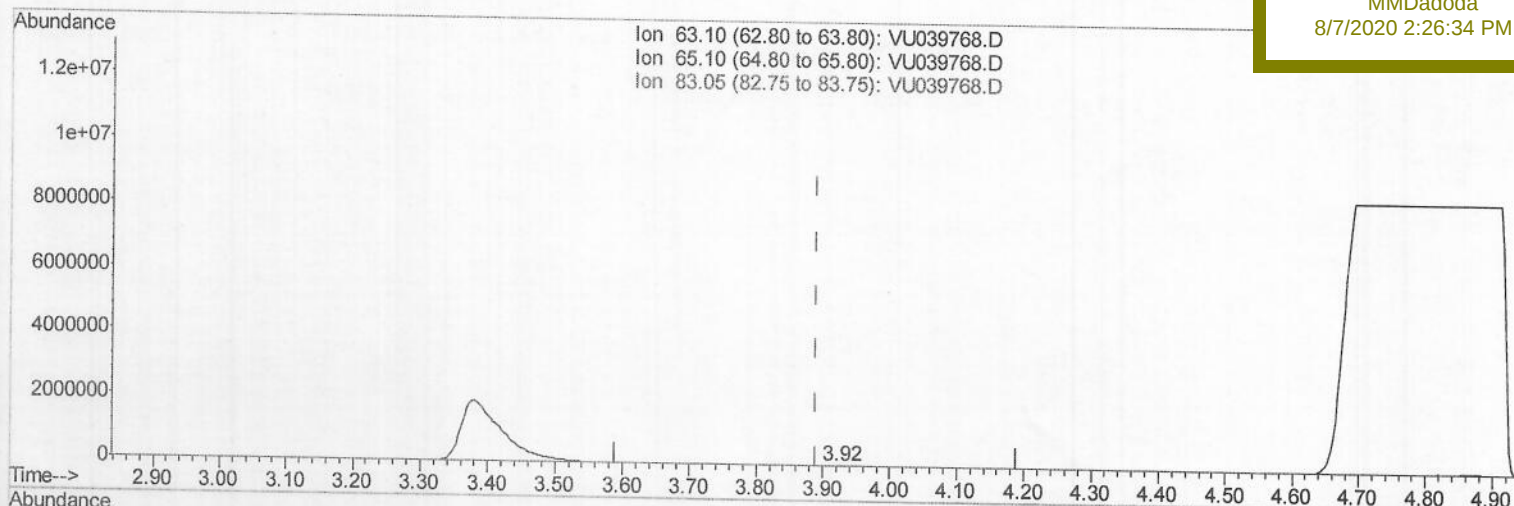
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(19) 1,1-Dichloroethane (T)

3.922min (+0.032) 2.56ug/L

response 34922

Ion	Exp%	Act%
63.10	100	100
65.10	31.50	30.70
83.05	15.50	14.19
0.00	0.00	0.00

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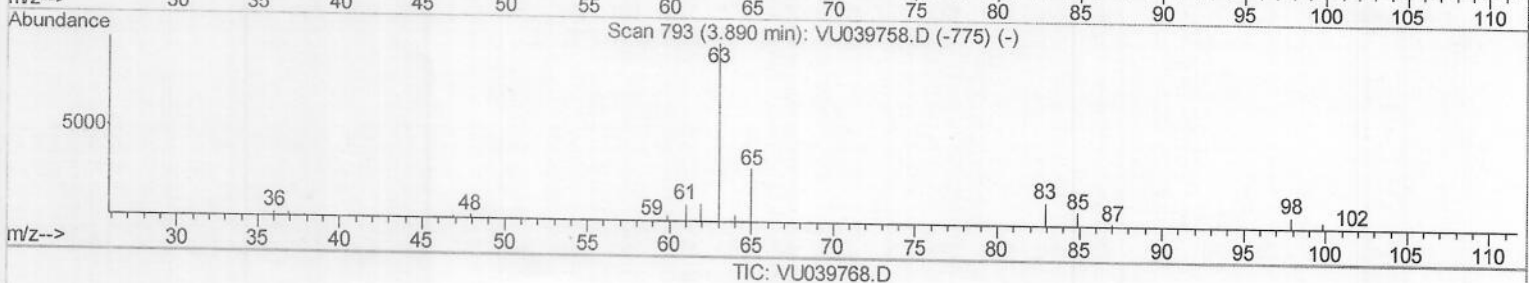
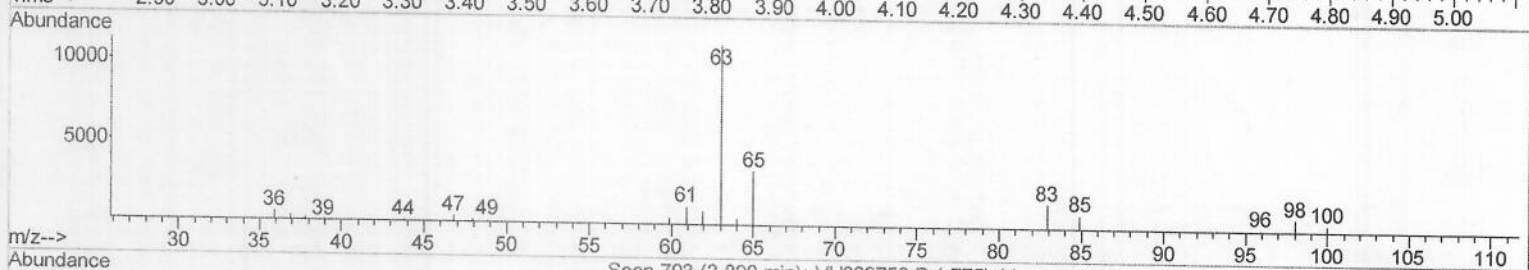
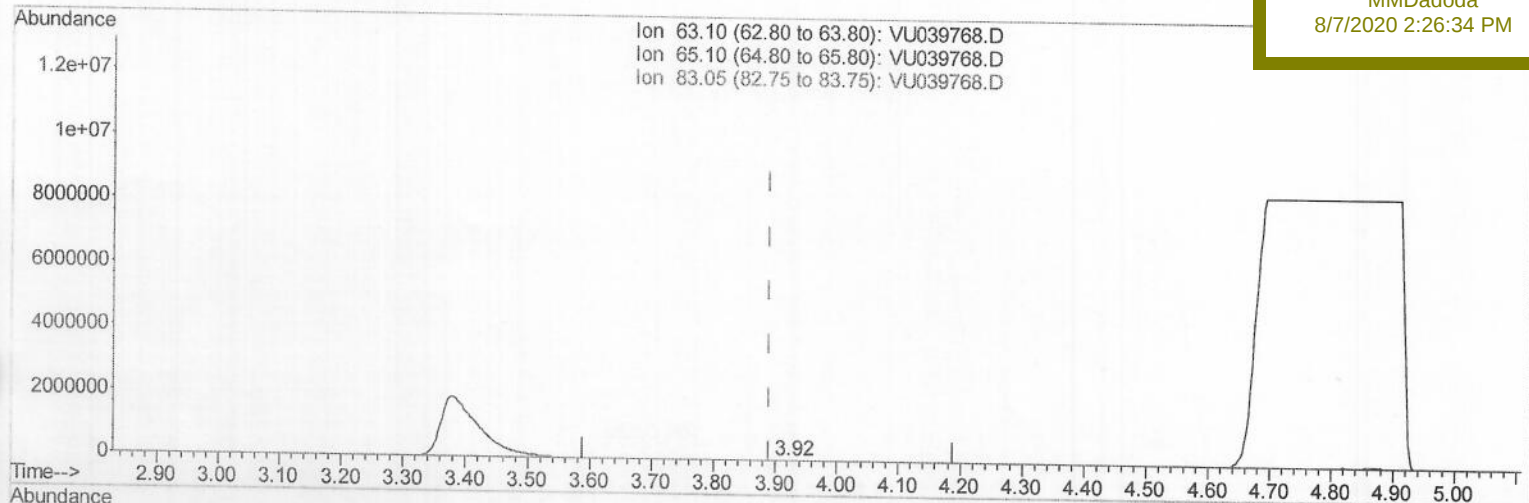
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Manual Integrations
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(19) 1,1-Dichloroethane (T)

3.922min (+0.032) 6.33ug/L m

response 86304

Ion	Exp%	Act%
63.10	100	100
65.10	31.50	30.70
83.05	15.50	14.19
0.00	0.00	0.00

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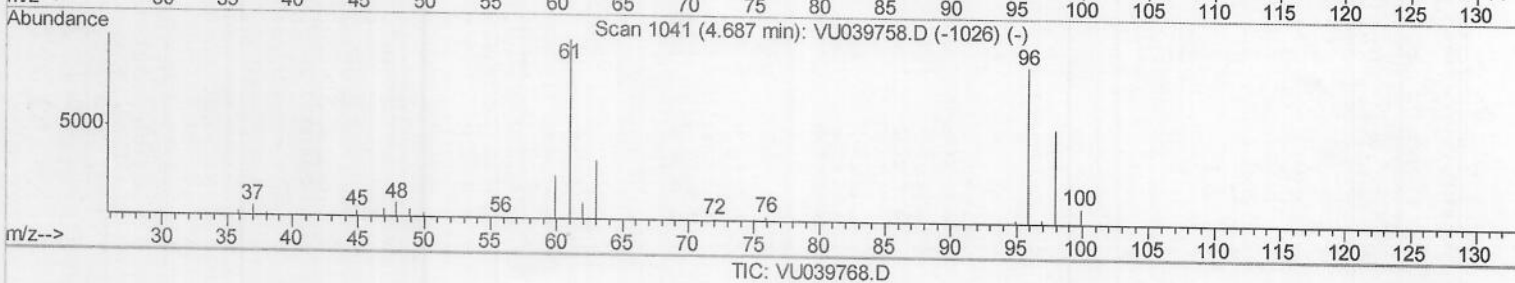
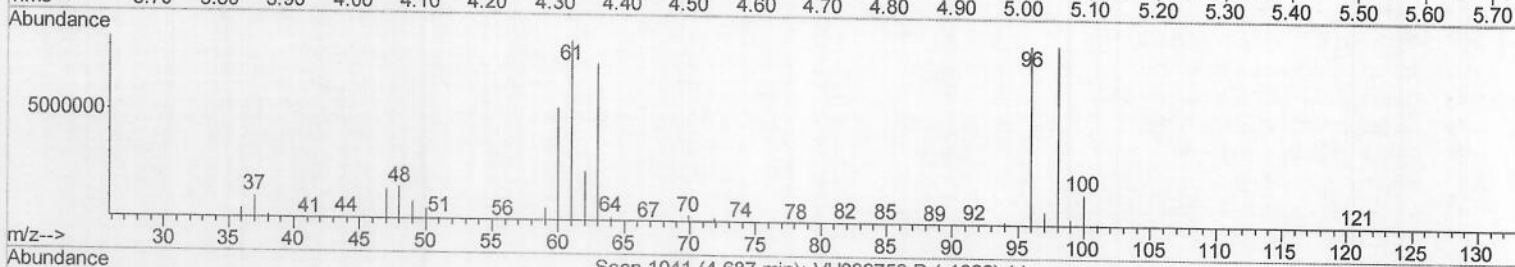
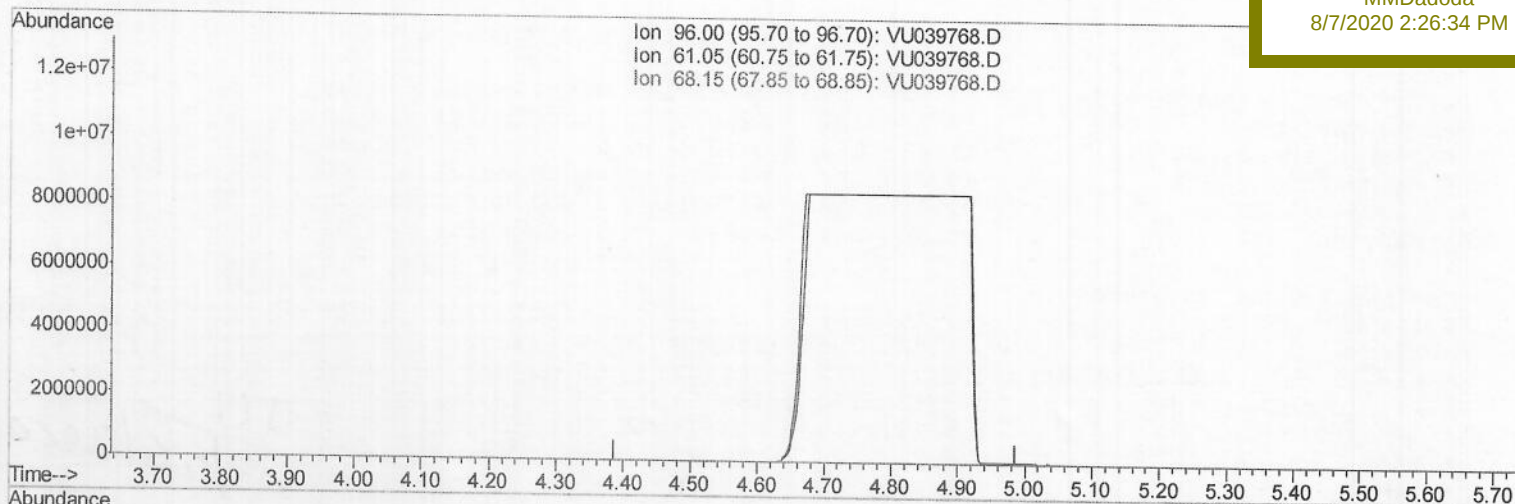
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Manual Integrations
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(22) cis-1,2-Dichloroethene (T)

4.687min (-4.687) 0.00ug/L

response 0

Ion	Exp%	Act%
96.00	100	0.00
61.05	124.80	0.00#
68.15	0.00	0.00
0.00	0.00	0.00

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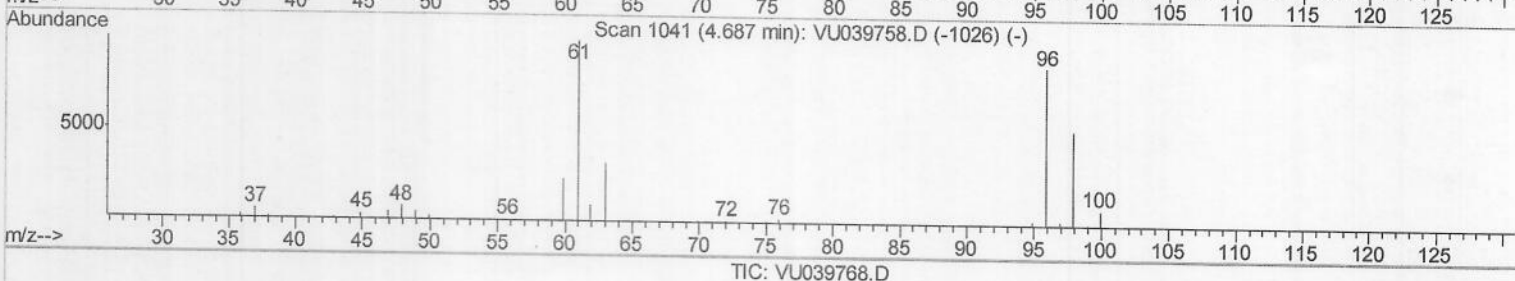
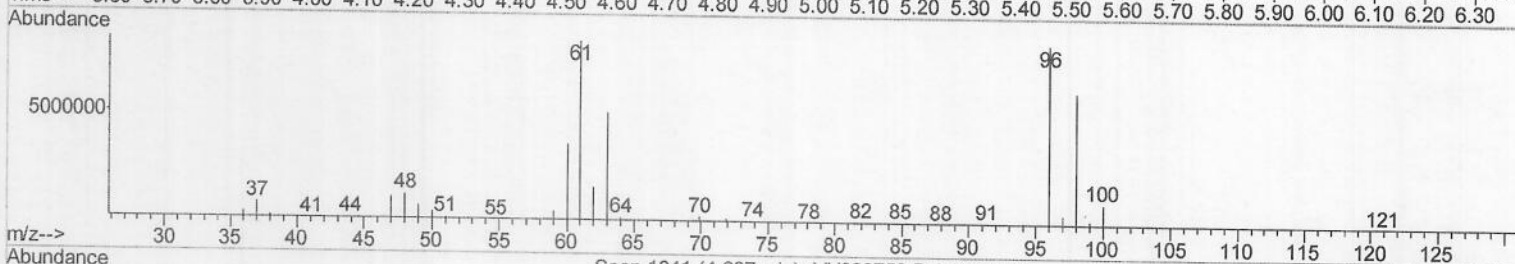
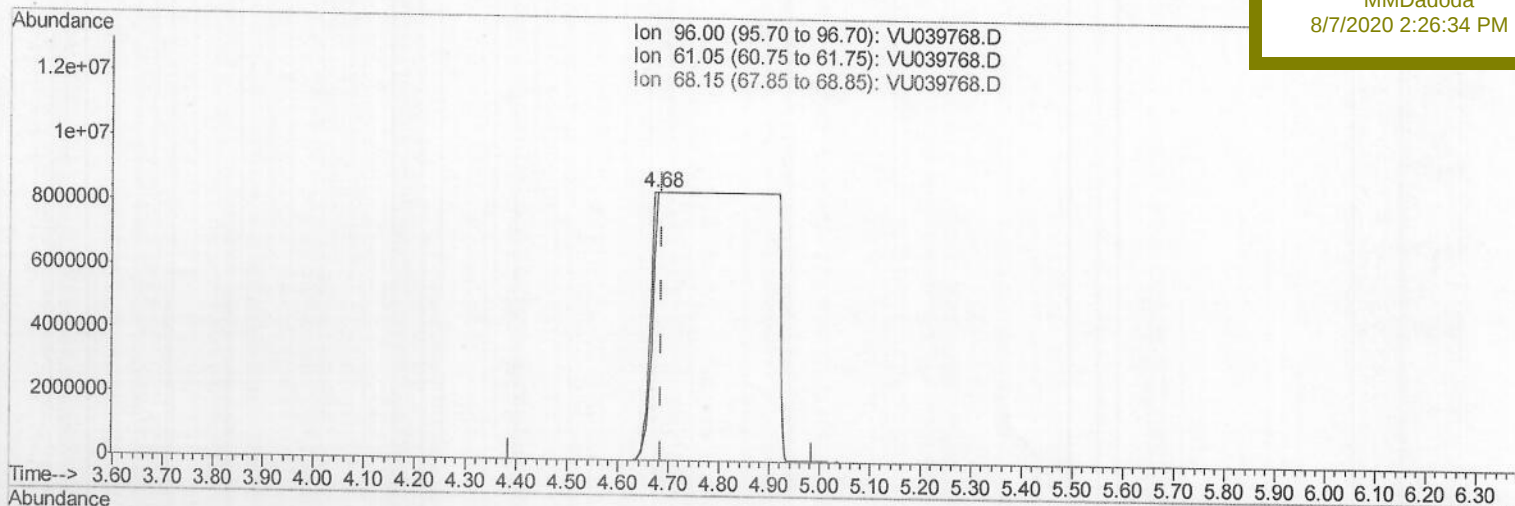
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Manual Integrations

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(22) cis-1,2-Dichloroethene (T)

4.678min (-0.010) 16179.56ug/L m

response 129970861

Ion	Exp%	Act%
96.00	100	100
61.05	124.80	100.00
68.15	0.00	0.00
0.00	0.00	0.00

-> MD
08/07/20

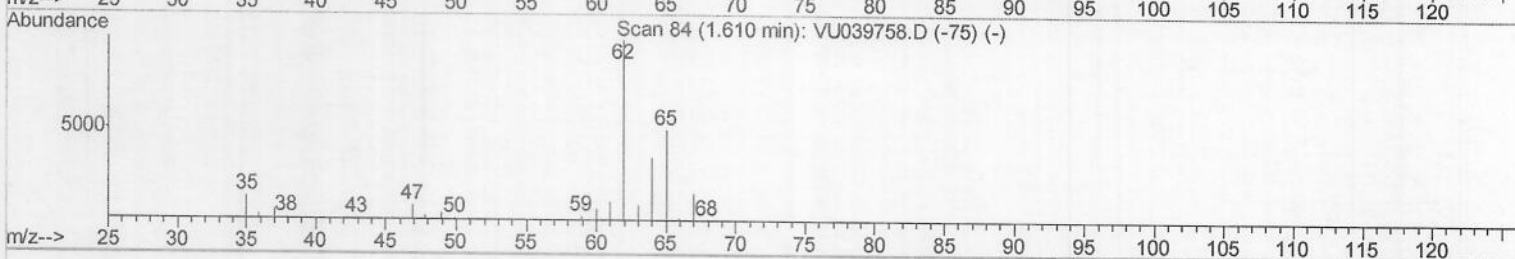
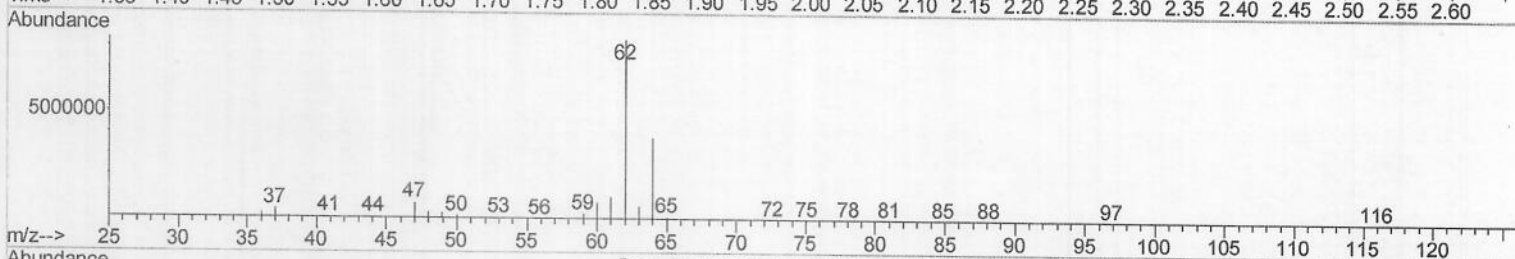
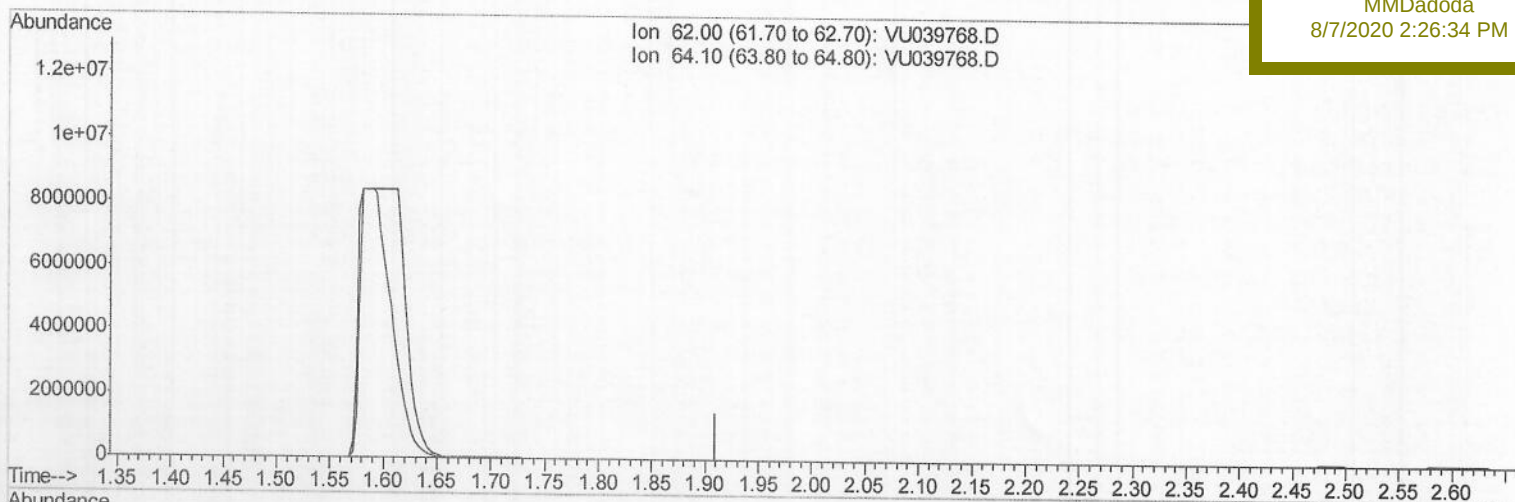
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ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 07 04:31:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
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MSVOA_U
ClientSampleId :
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Manual Integrations
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8/7/2020 2:26:34 PM



TIC: VU039768.D

(5) Vinyl chloride (T)

1.610min (-1.610) 0.00ug/L

response 0

Ion	Exp%	Act%
62.00	100	0.00
64.10	34.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\

Data File : VU039767.D

Acq On : 06 Aug 2020 19:50

Operator : SY/MD

Sample : L3578-01

Misc : 25.0mL/MSVOA U/WATER

ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 07 04:31:14 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Aug 07 04:28:48 2020

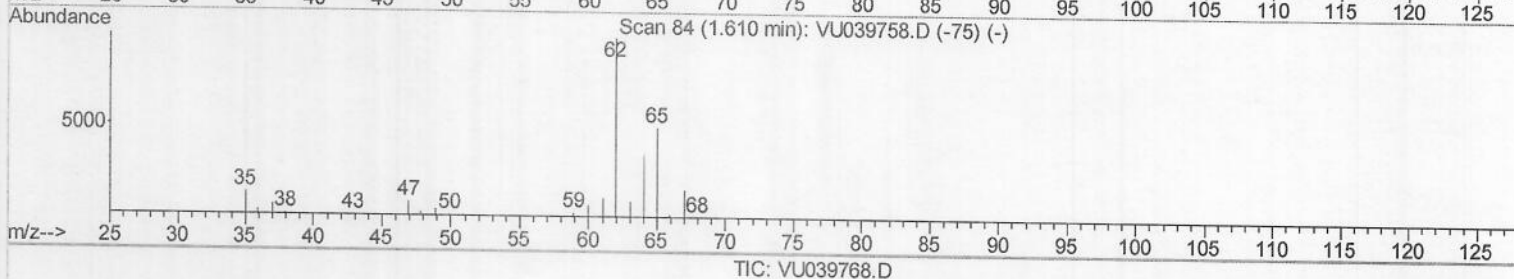
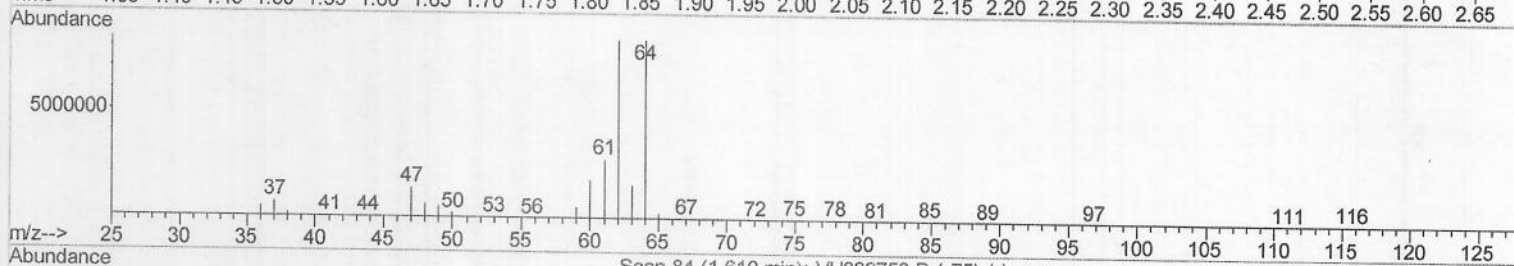
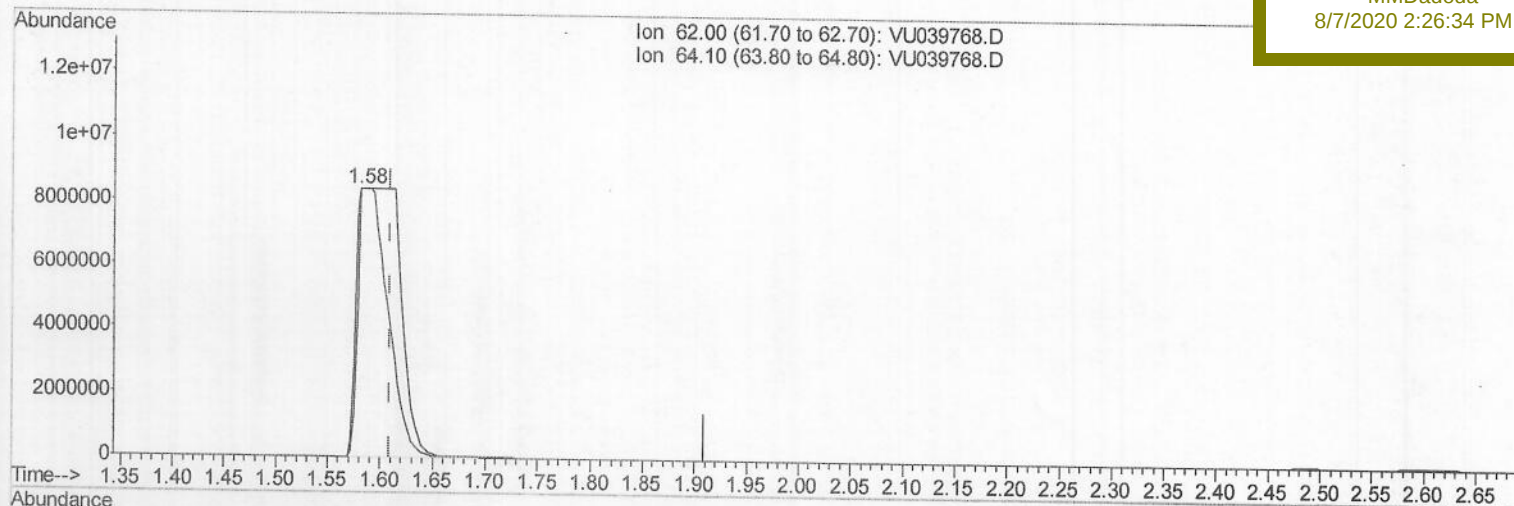
Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

BFWN9

Manual Integrations
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8/7/2020 2:26:34 PM

(5) Vinyl chloride (T)

1.581min (-0.029) 2673.56ug/L m -7

response 24174629

Ion	Exp%	Act%
62.00	100	100
64.10	34.40	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

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08/07/20

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 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
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Quant Time: Aug 07 05:10:55 2020
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Manual Integrations
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 8/7/2020 2:26:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	111210	5.00	ug/L	0.02
28) Chlorobenzene-d5	9.43	117	105835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48652	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.58	65	442525	73.69	ug/L	-0.02
Spiked Amount 5.000	Range 40 - 130		Recovery = 1473.80%#			
7) Chloroethane-d5	1.92	69	21248	3.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 65.40%			
11) 1,1-Dichloroethene-d2	2.59	63	437104	36.14	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 722.80%#			
20) 2-Butanone-d5	0.00	46	0d	0.00	ug/L	
Spiked Amount 50.000	Range 40 - 130		Recovery = 0.00%#			
24) Chloroform-d	5.14	84	52743	3.52	ug/L	0.06
Spiked Amount 5.000	Range 70 - 125		Recovery = 70.40%			
26) 1,2-Dichloroethane-d4	5.74	65	39481	4.42	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
32) Benzene-d6	5.77	84	118445	4.71	ug/L	0.03
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.72	67	41387	4.80	ug/L	0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.92	98	103358	4.63	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
43) trans-1,3-Dichloropropene-	8.20	79	17273	5.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.40%			
46) 2-Hexanone-d5	8.65	63	90680	50.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.38%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	38348	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	40873	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.58	62	24174629m	2673.556	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	905474	118.665	ug/L	96
12) 1,1-Dichloroethene	2.60	96	737259	111.136	ug/L #	77
14) Carbon disulfide	2.82	76	174442	8.410	ug/L	99
16) Methylene chloride	3.07	84	30006	2.806	ug/L	93
18) trans-1,2-Dichloroethene	3.38	96	14891021	2016.220	ug/L	79
19) 1,1-Dichloroethane	3.92	63	86304m	6.330	ug/L	
22) cis-1,2-Dichloroethene	4.68	96	129970861m	16179.565	ug/L	
25) Chloroform	5.17	83	61643	4.206	ug/L	95
27) 1,2-Dichloroethane	5.82	62	1997	0.198	ug/L #	71
33) Benzene	5.82	78	183563	6.366	ug/L	100
34) Trichloroethene	6.57	95	448248	59.855	ug/L	97
40) 4-Methyl-2-pentanone	7.81	43	32648	5.704	ug/L	98
42) Toluene	8.00	91	12581428	415.189	ug/L	99
51) Chlorobenzene	9.46	112	27365	1.344	ug/L	97
52) Ethylbenzene	9.58	91	1521379	44.858	ug/L	97
53) m,p-Xylene	9.70	106	1618612	125.324	ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.10	106	423450	33.483	ug/L	89
56) Isopropylbenzene	10.48	105	3469	0.103	ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	11844	0.844	ug/L	97

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

Instrument :
MSVOA_U
Client Sampled :
BFWN9

Manual Integrations
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