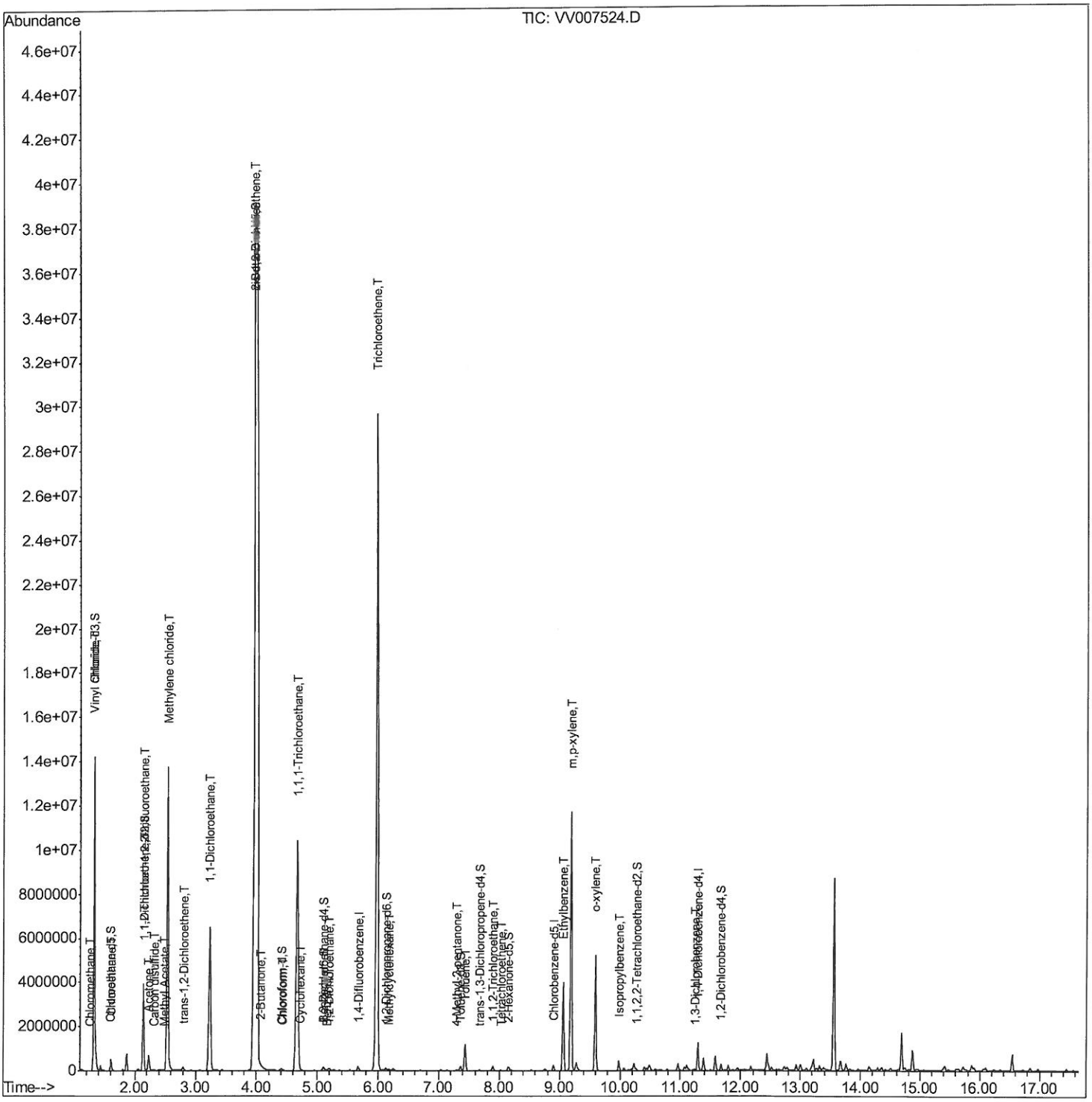
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007524.D
Acq On : 13 Sep 2018 21:58
Operator : SY/MD
Sample : J4864-03
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 14 06:49:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 14 05:10:24 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0D09

Manual Integrations APPROVED
MMDadoda
9/17/2018 12:29:47 PM



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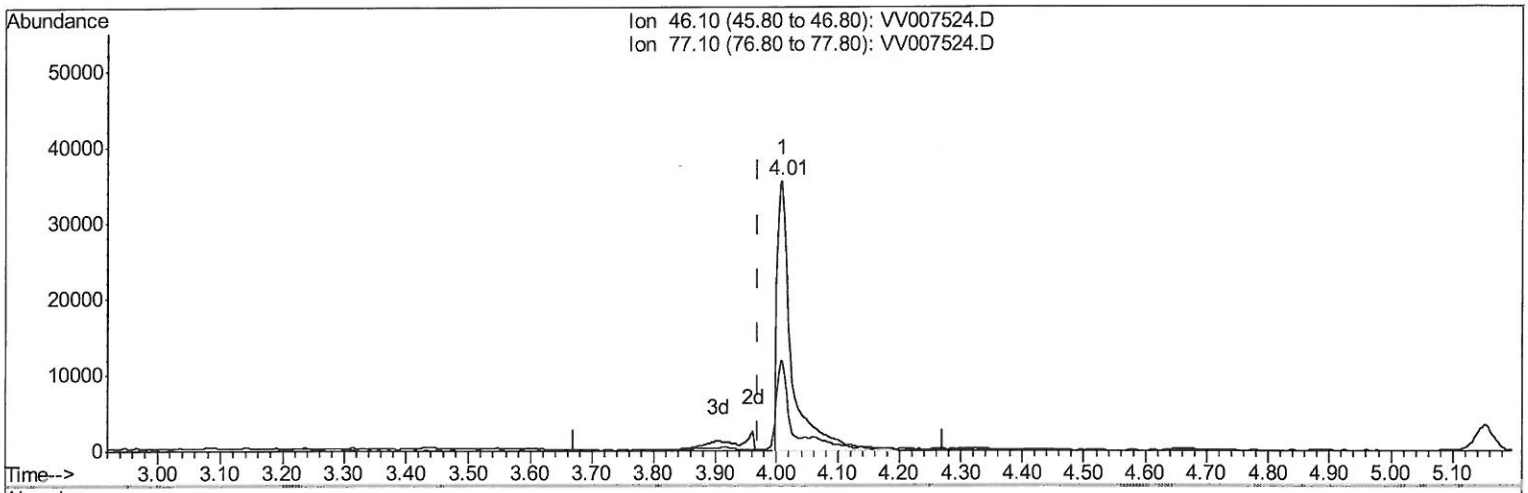

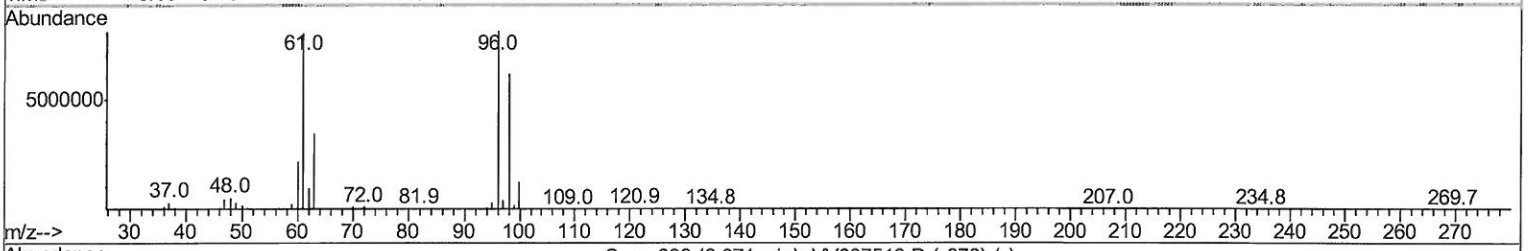

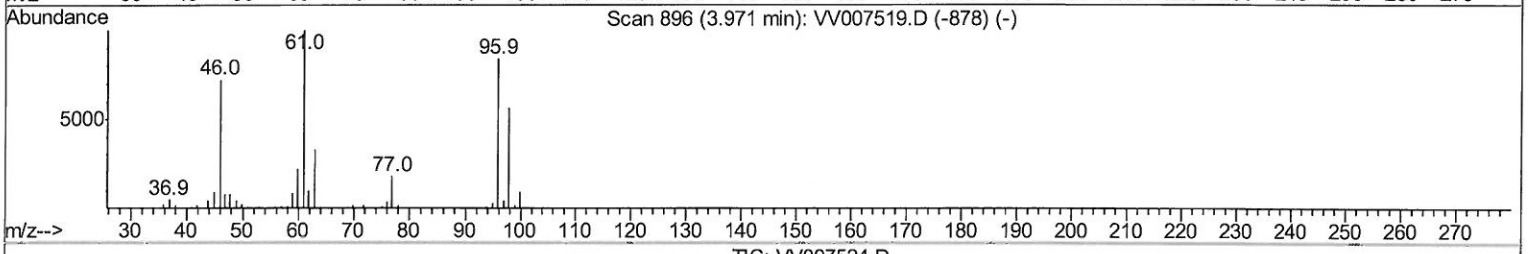

TIC: VV007524.D

(20) 2-Butanone-d5 (S)

4.010min (+0.038) 49.26ug/L

response 58533

Ion	Exp%	Act%
46.10	100	100
77.10	22.10	25.40
0.00	0.00	0.00
0.00	0.00	0.00

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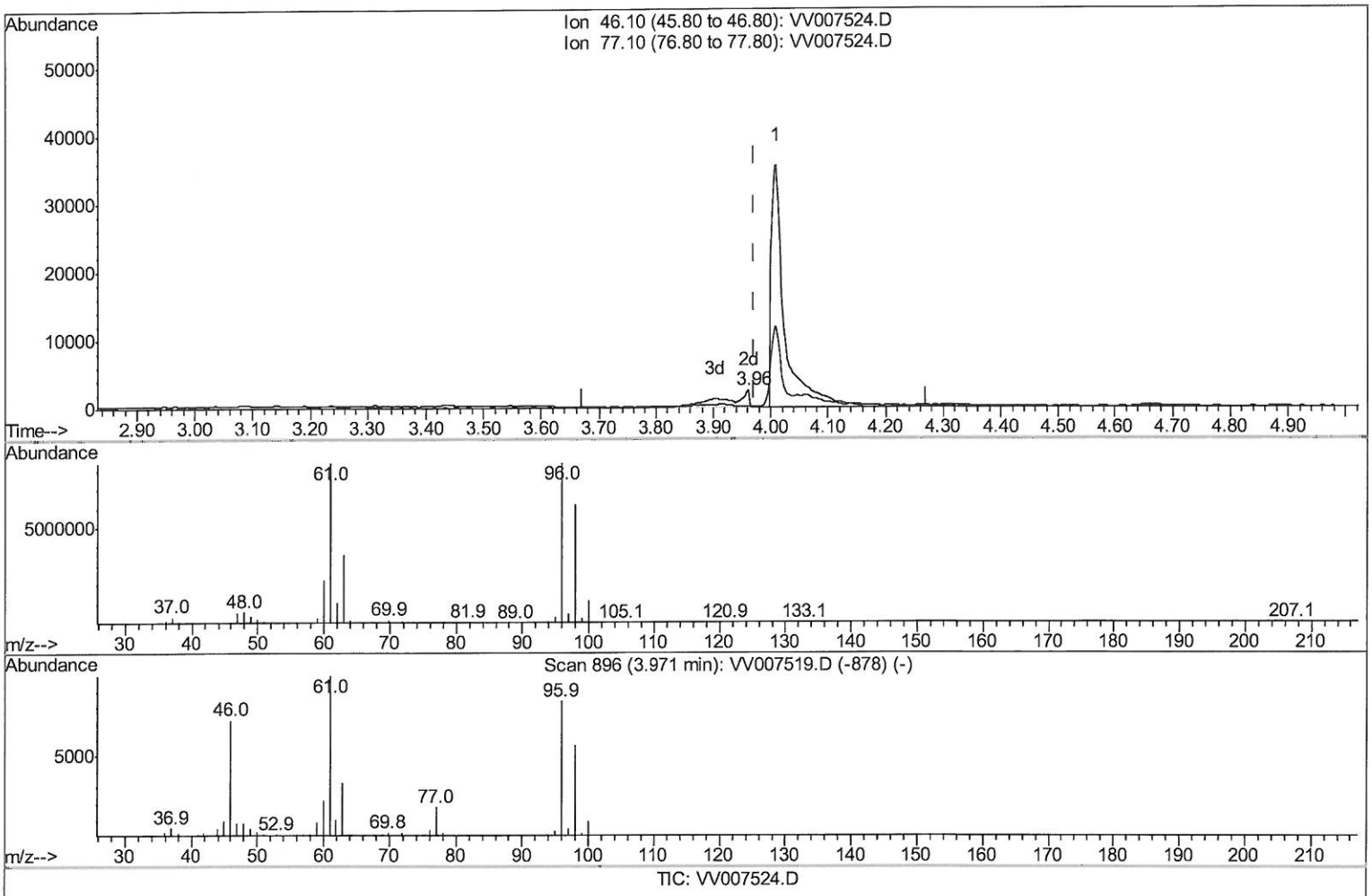

TIC: VV007524.D

(20) 2-Butanone-d5 (S)

3.962min (-0.010) 5.78ug/L m

response 6872

Ion	Exp%	Act%
46.10	100	100
77.10	22.10	216.33#
0.00	0.00	0.00
0.00	0.00	0.00

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ClientSampleId :
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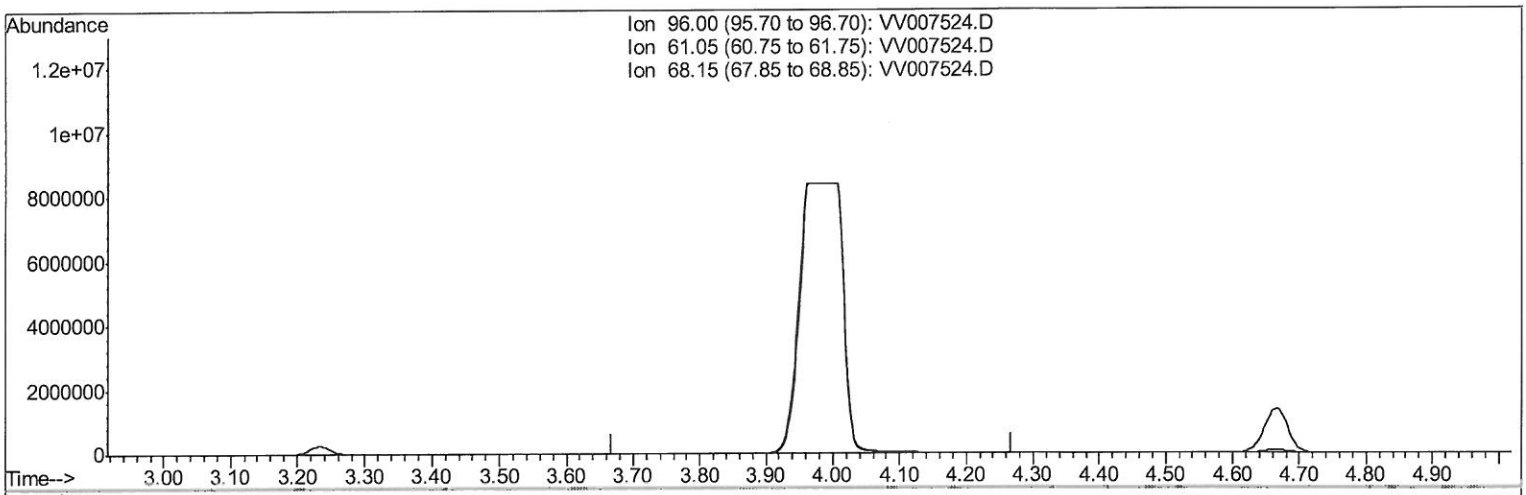

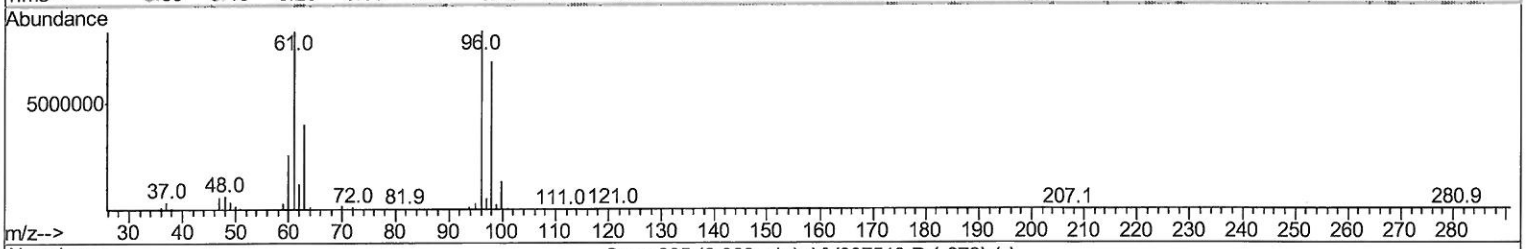

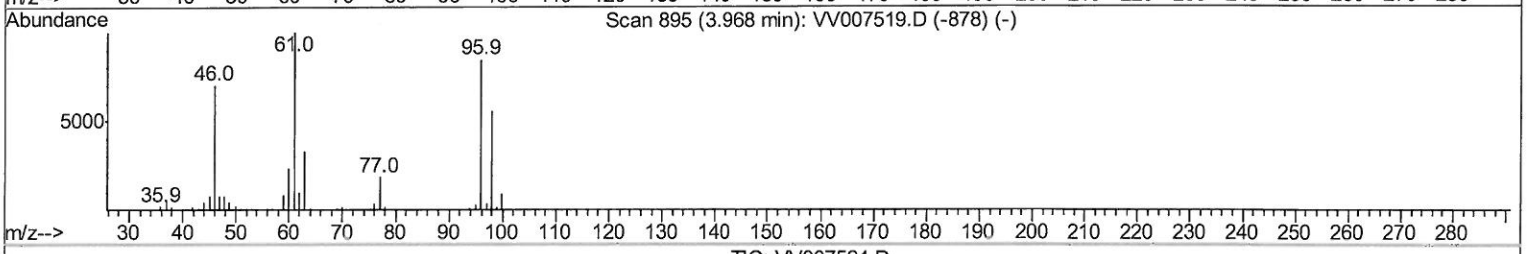

TIC: VV007524.D

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

3.968min (-3.968) 0.00ug/L

response 0

Ion	Exp%	Act%
96.00	100	0.00
61.05	121.90	0.00#
68.15	0.00	0.00
0.00	0.00	0.00

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QLast Update : Fri Sep 14 05:10:24 2018
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Instrument :
MSVOA_V
ClientSampleId :
C0D09

Manual Integrations APPROVED
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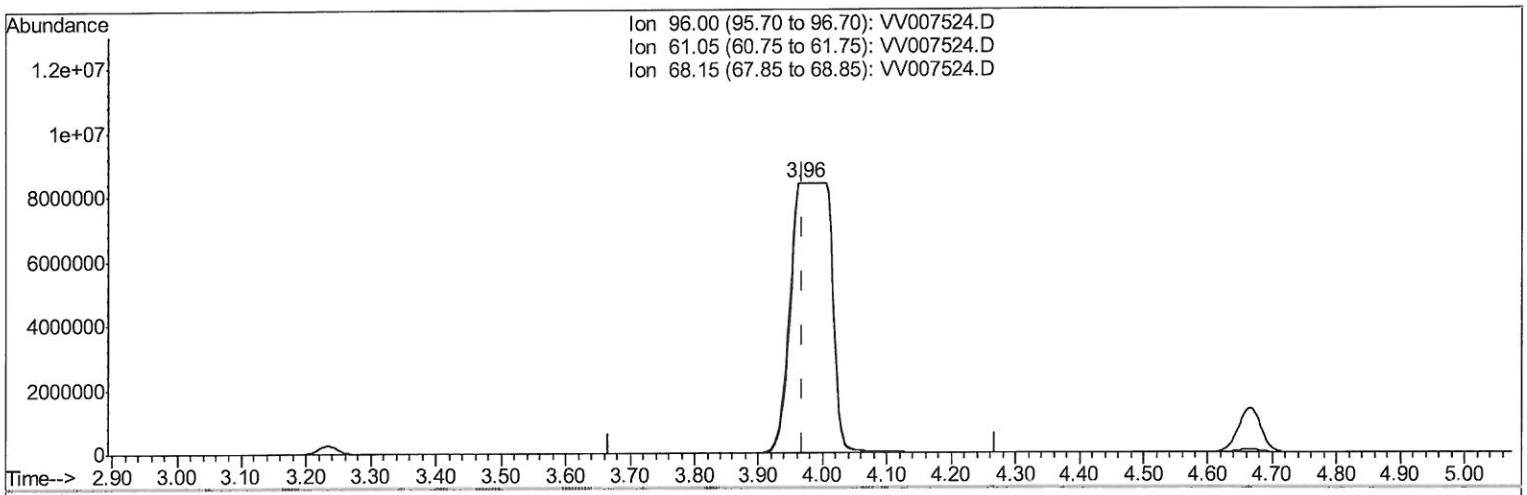

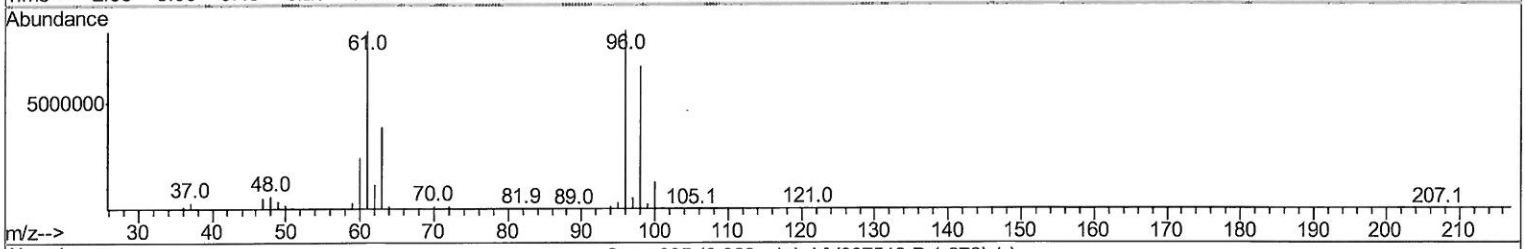

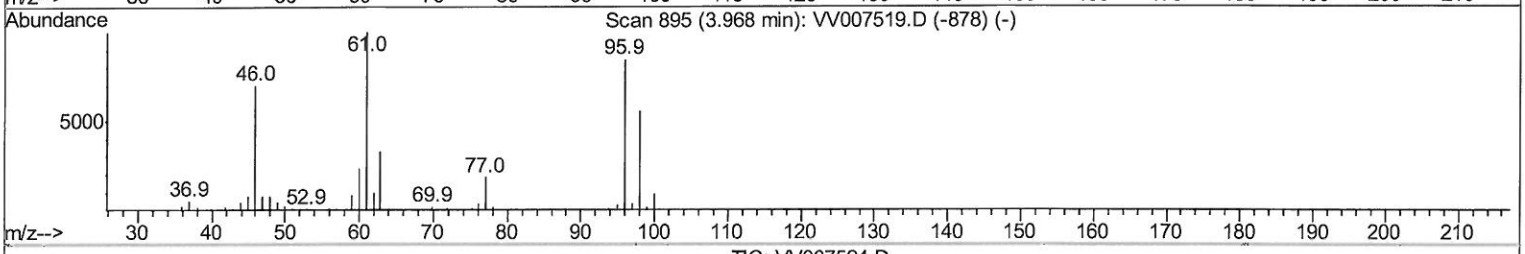

TIC: VV007524.D

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

3.965min (-0.003) 4080.83ug/L m

response 36221847

Ion	Exp%	Act%
96.00	100	100
61.05	121.90	100.00
68.15	0.00	0.00#
0.00	0.00	0.00

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	163091	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144726	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82513	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	117956	13.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 277.00%#			
7) Chloroethane-d5	1.58	69	31255	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.14	63	635321	35.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 716.60%#			
20) 2-Butanone-d5	3.96	46	6872m	5.78	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 11.56%#			
24) Chloroform-d	4.41	84	75066	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
26) 1,2-Dichloroethane-d4	5.09	65	38149	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	5.10	84	142683	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
36) 1,2-Dichloropropane-d6	6.13	67	41271	4.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.40%			
41) Toluene-d8	7.36	98	144067	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.40%			
43) trans-1,3-Dichloropropene-	7.67	79	18933	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
46) 2-Hexanone-d5	8.14	63	58320	80.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 161.34%#			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	33905	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	61610	4.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.60%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	2804	0.365	ug/L	93
5) Vinyl chloride	1.32	62	9465941	1104.884	ug/L	89
8) Chloroethane	1.60	64	286281	54.827	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3470	0.376	ug/L #	27
12) 1,1-Dichloroethene	2.14	96	1236816	149.417	ug/L #	65
13) Acetone	2.22	43	44318	57.105	ug/L	70
14) Carbon disulfide	2.32	76	5271	0.218	ug/L #	75
15) Methyl Acetate	2.48	43	12124	5.700	ug/L	90
16) Methylene chloride	2.54	84	6126787	684.764	ug/L	91
18) trans-1,2-Dichloroethene	2.79	96	48047	5.335	ug/L	97
19) 1,1-Dichloroethane	3.23	63	6357479	484.211	ug/L	98
21) 2-Butanone	4.07	43	71663	55.046	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	36221847m	4080.834	ug/L	
25) Chloroform	4.43	83	16645	1.109	ug/L	92
27) 1,2-Dichloroethane	5.19	62	66185	7.662	ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	8324663	591.442	ug/L	98
30) Cyclohexane	4.72	56	9361	0.763	ug/L #	83

MD 09/18/18

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
33) Benzene	5.15	78	28236	0.945 ug/L	100
34) Trichloroethene	5.97	95	10034414	1094.763 ug/L	97
35) Methylcyclohexane	6.18	83	25486	1.800 ug/L	94
40) 4-Methyl-2-pentanone	7.29	43	21868	5.378 ug/L	98
42) Toluene	7.43	91	846296	24.512 ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	65412	11.894 ug/L	98
47) Tetrachloroethene	8.02	164	4163	0.506 ug/L	89
52) Ethylbenzene	9.06	91	2718581	69.903 ug/L	98
53) m,p-xylene	9.19	106	3385901	224.718 ug/L	95
54) o-xylene	9.59	106	1396568	94.648 ug/L	99
56) Isopropylbenzene	9.98	105	281430	7.025 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	2571	0.123 ug/L	92

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