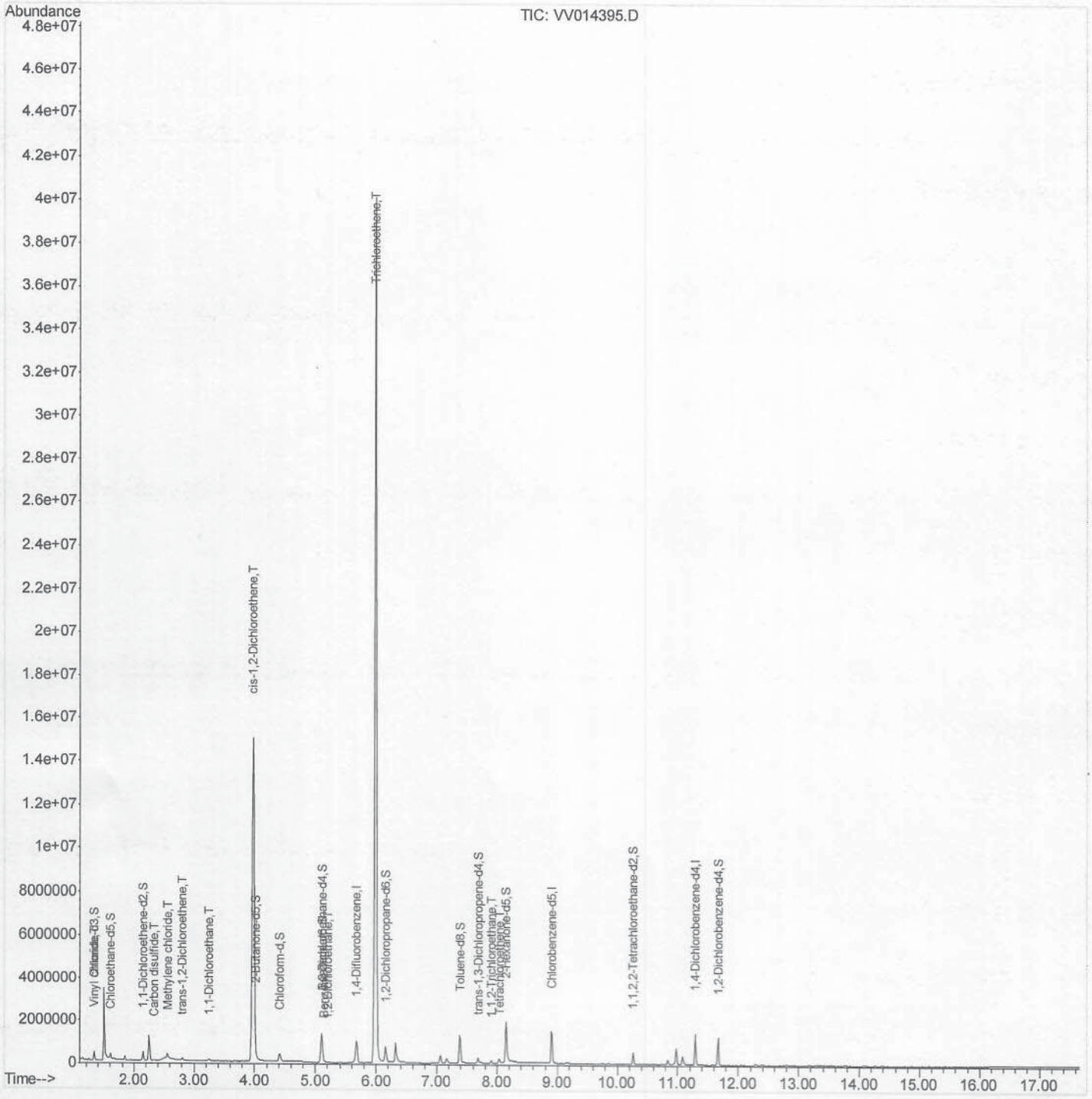
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012420\
Data File : VV014395.D
Acq On : 24 Jan 2020 17:58
Operator : SY/MD
Sample : L1253-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 27 15:36:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
H0AC0

Manual Integrations APPROVED
MMDadoda
1/27/2020 2:56:59 PM



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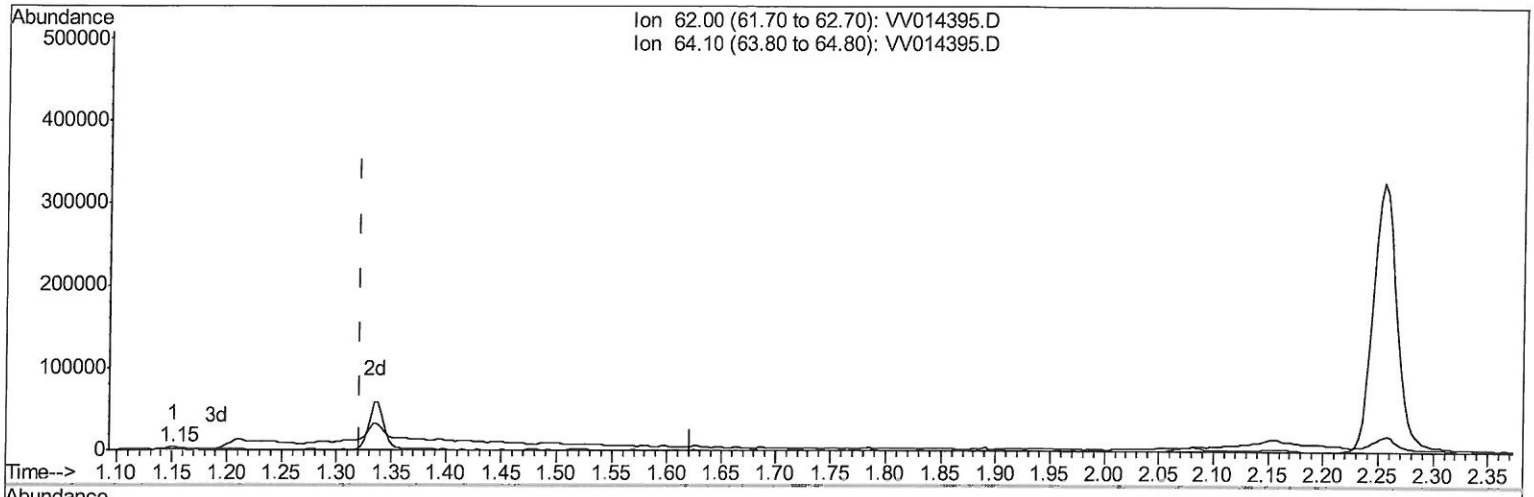

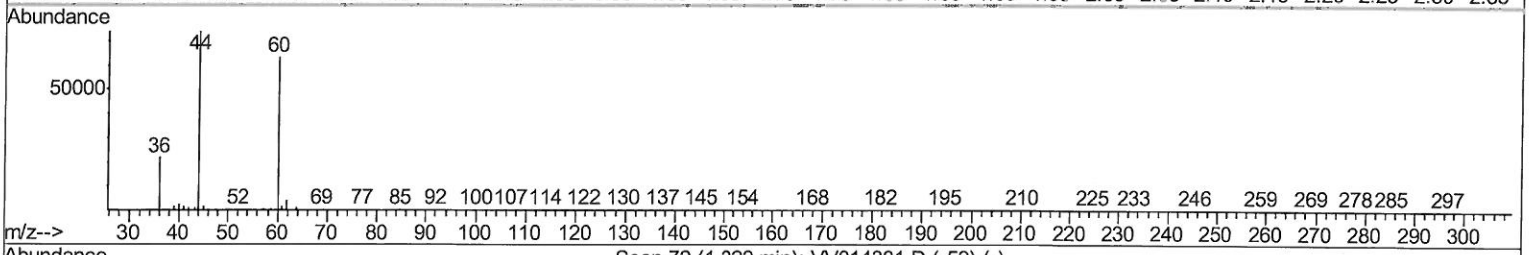

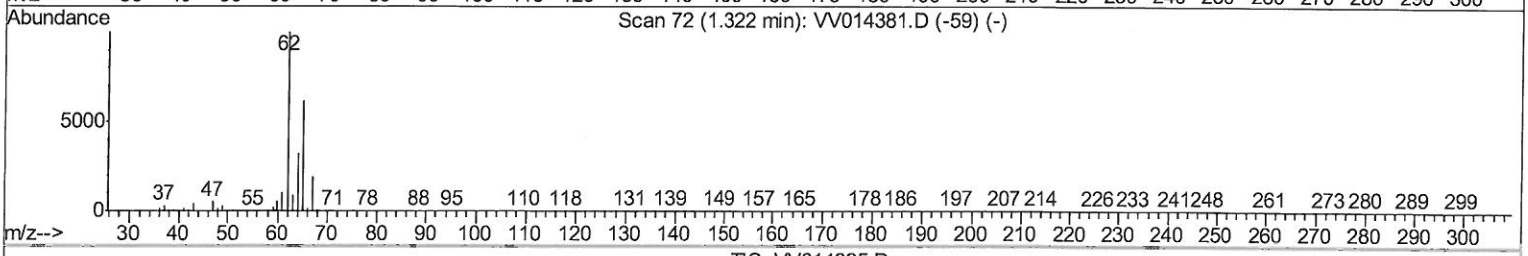

TIC: VV014395.D

(5) Vinyl chloride (T)

1.151min (-0.170) 0.08ug/L

response 5133

Ion	Exp%	Act%
62.00	100	100
64.10	32.80	29.79
0.00	0.00	0.00
0.00	0.00	0.00

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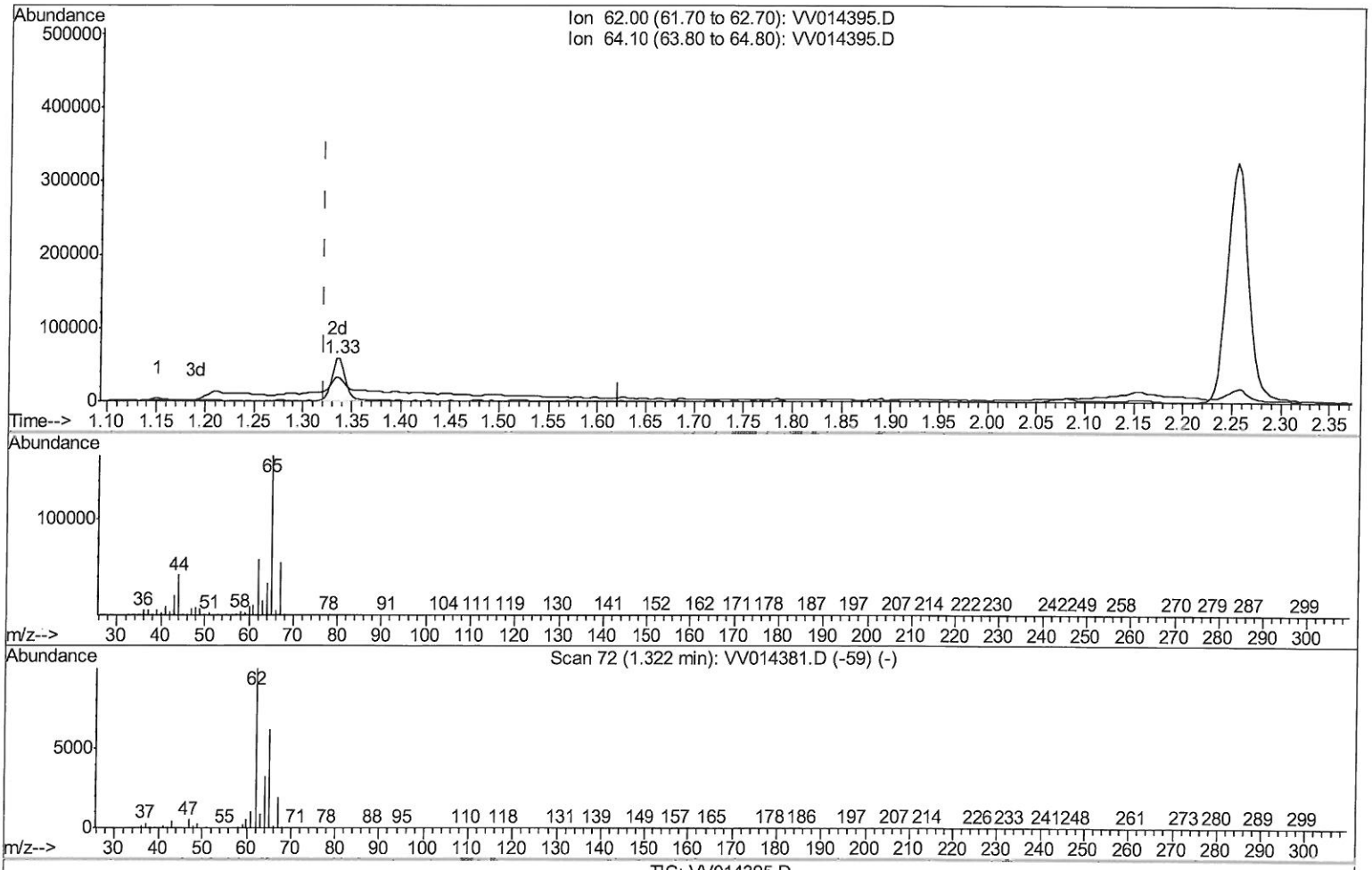

TIC: VV014395.D

(5) Vinyl chloride (T)

1.335min (+0.013) 0.92ug/L m

response 57775

Ion	Exp%	Act%
62.00	100	100
64.10	32.80	56.55#
0.00	0.00	0.00
0.00	0.00	0.00

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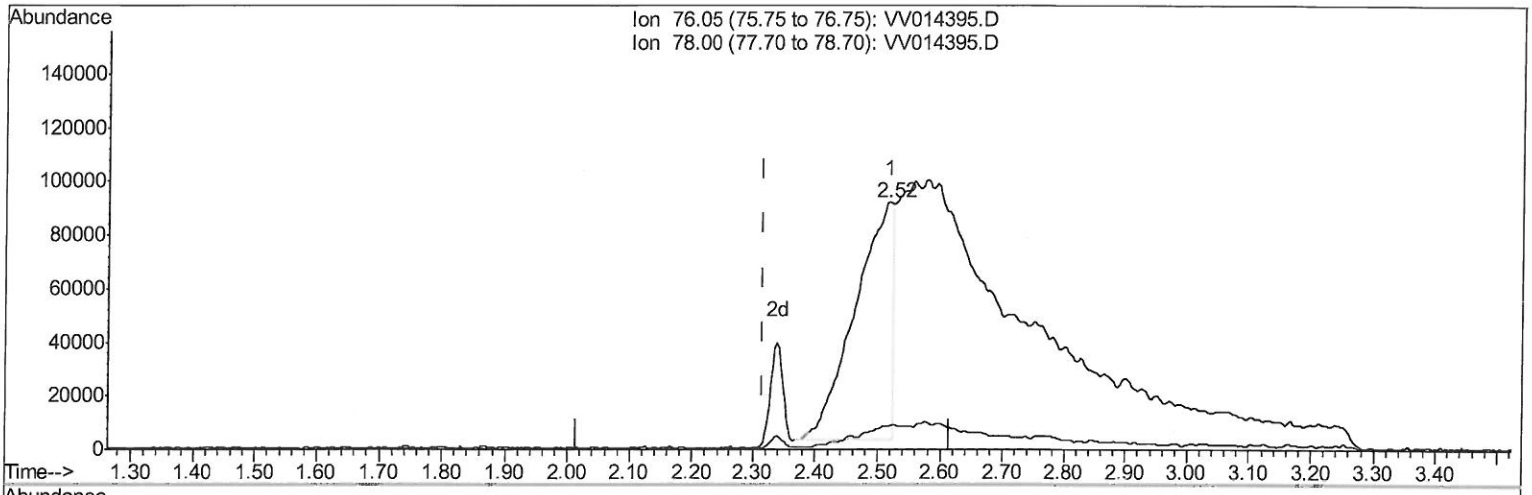

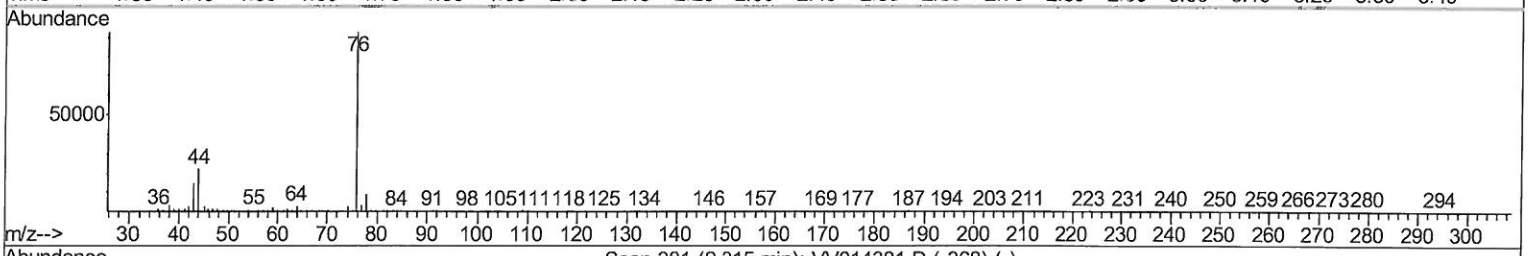

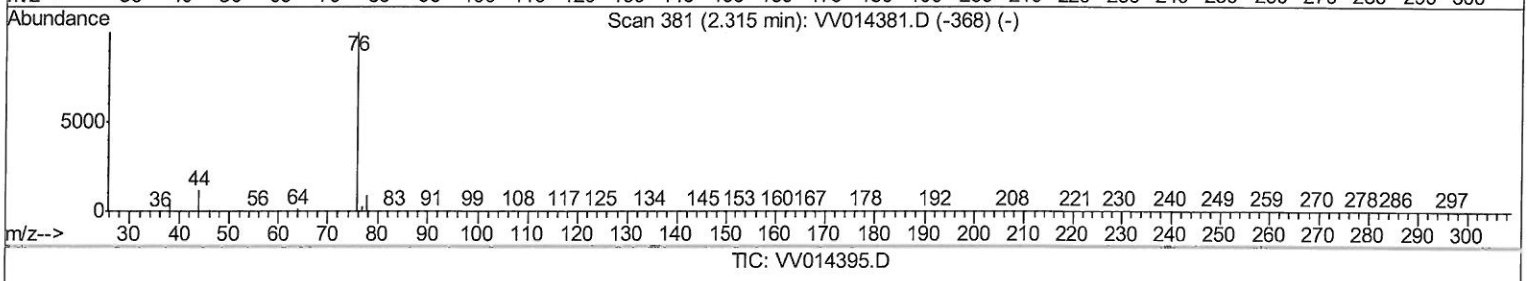

TIC: VV014395.D

(14) Carbon disulfide (T)

2.518min (+0.203) 2.12ug/L

response 376784

Ion	Exp%	Act%
76.05	100	100
78.00	9.40	9.60
0.00	0.00	0.00
0.00	0.00	0.00

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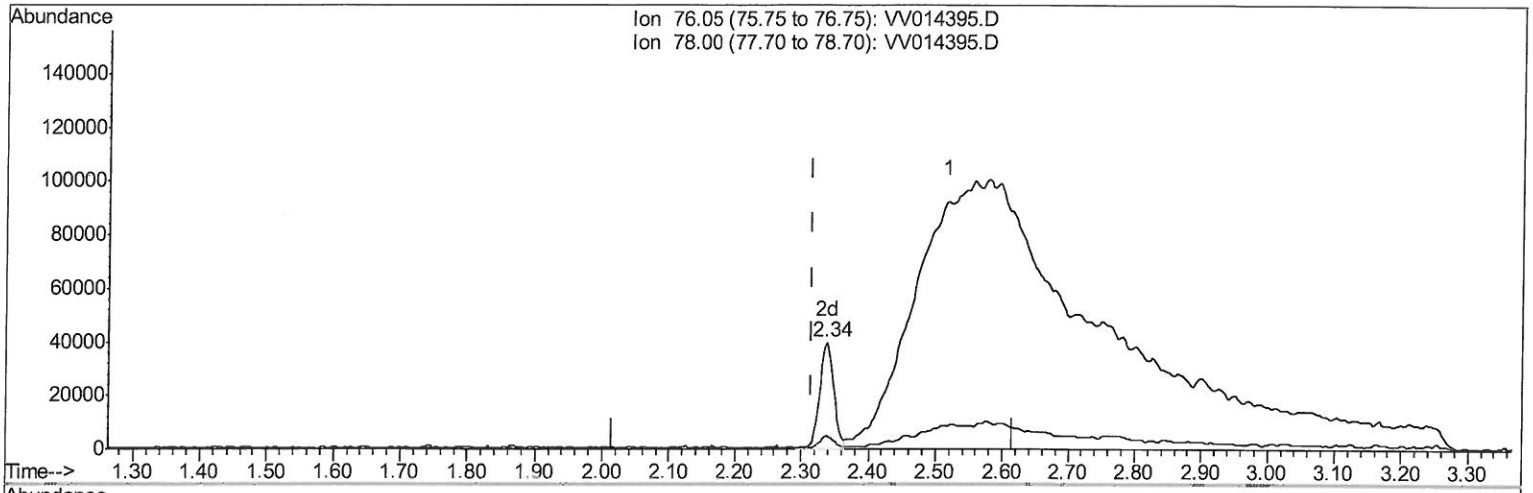

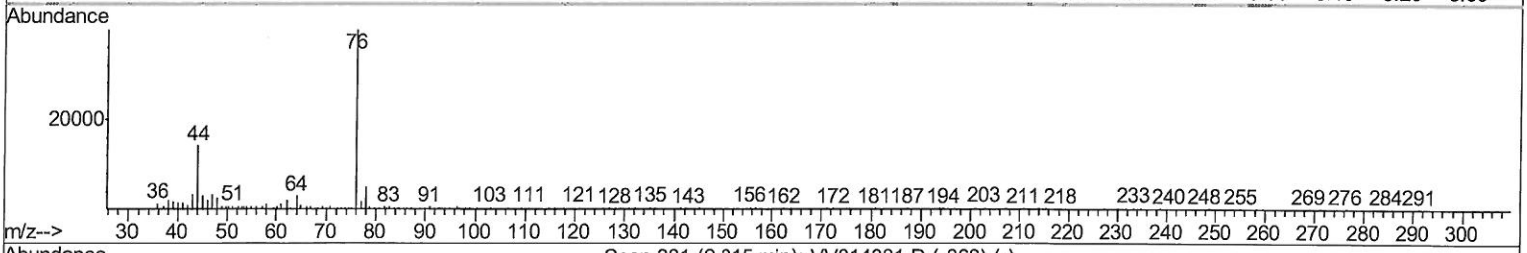

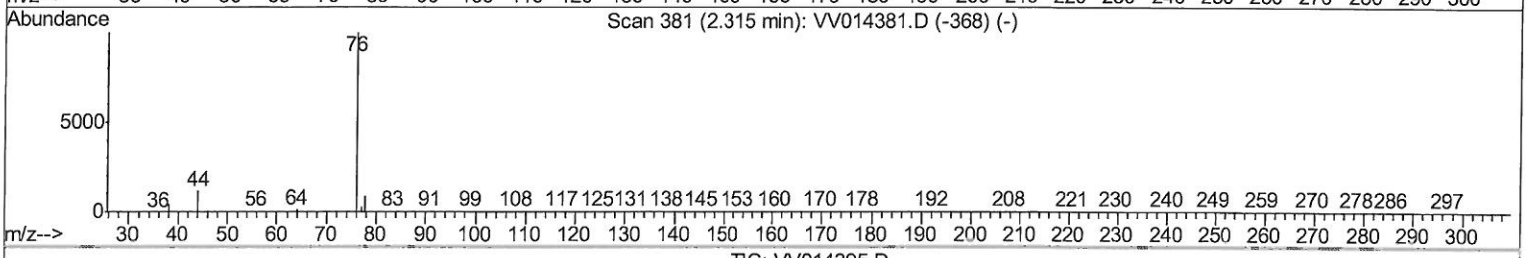

TIC: VV014395.D

(14) Carbon disulfide (T)

2.338min (+0.023) 0.33ug/L m

response 59519

Ion	Exp%	Act%
76.05	100	100
78.00	9.40	12.45#
0.00	0.00	0.00
0.00	0.00	0.00

MD 01/27/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	896869	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.90	117	811778	5.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.29	152	351398	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.33	65	180015	2.87	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.40%			
7) Chloroethane-d5	1.60	69	172778	3.56	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.20%			
11) 1,1-Dichloroethene-d2	2.15	63	212195	2.29	ug/L	0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 45.80%#			
20) 2-Butanone-d5	4.02	46	387411	25.70	ug/L	0.08
Spiked Amount 50.000	Range 40 - 130		Recovery = 51.40%			
24) Chloroform-d	4.41	84	365767	3.02	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 60.40%#			
26) 1,2-Dichloroethane-d4	5.10	65	288681	4.75	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.10	84	1097791	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.15	67	383650	5.11	ug/L	0.04
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%			
41) Toluene-d8	7.39	98	871639	3.94	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.80%			
43) trans-1,3-Dichloropropene-	7.68	79	127594	3.84	ug/L	0.03
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.80%			
46) 2-Hexanone-d5	8.15	63	771638	54.85	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.70%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	280399	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	310766	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	57775m	0.920	ug/L	
14) Carbon disulfide	2.34	76	59519m	0.335	ug/L	
16) Methylene chloride	2.56	84	81985	1.257	ug/L	87
18) trans-1,2-Dichloroethene	2.81	96	36483	0.606	ug/L	98
19) 1,1-Dichloroethane	3.24	63	107800	0.913	ug/L	99
22) cis-1,2-Dichloroethene	3.98	96	8438570	127.808	ug/L #	100
27) 1,2-Dichloroethane	5.20	62	9948	0.147	ug/L	95
33) Benzene	5.15	78	35288	0.141	ug/L	100
34) Trichloroethene	5.99	95	15171026	236.141	ug/L	96
45) 1,1,2-Trichloroethane	7.90	97	40327	1.000	ug/L	94
47) Tetrachloroethene	8.04	164	51175	1.166	ug/L	97

mP 01/27/20

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