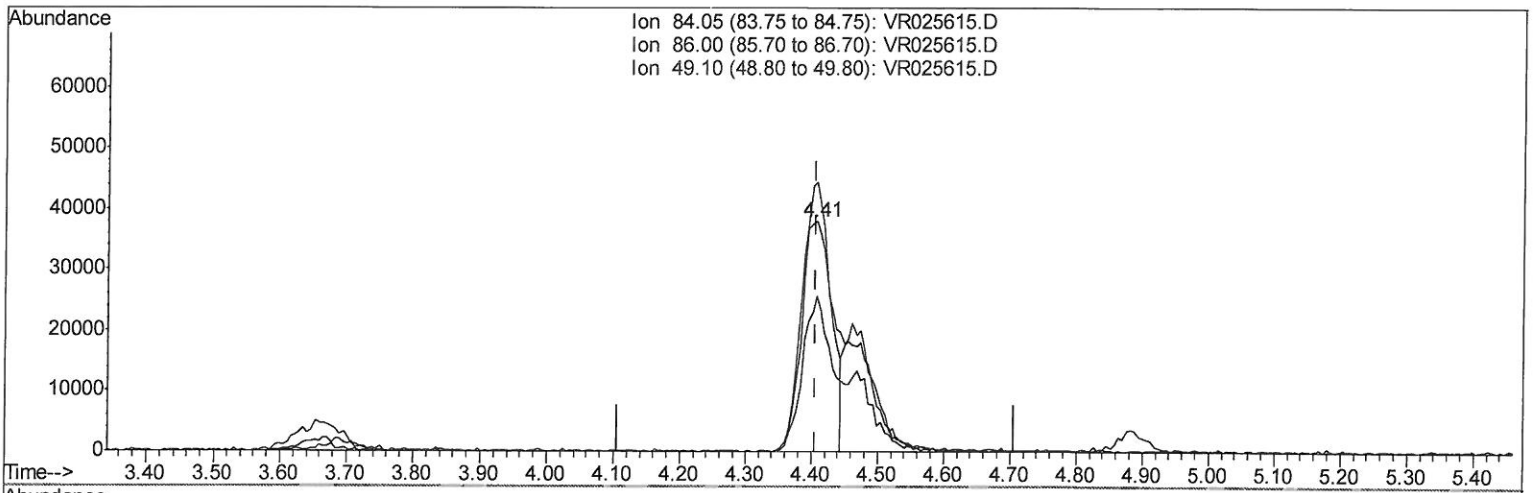
Quantitation Report (Qedit)

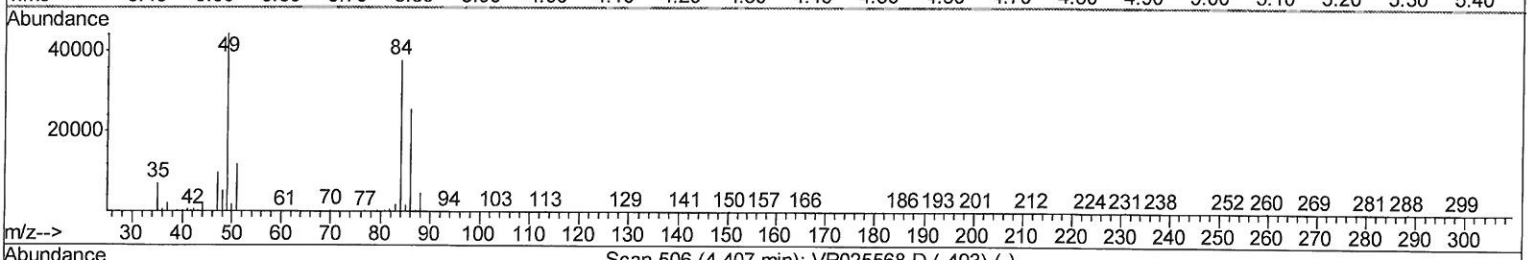
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
Data File : VR025615.D
Acq On : 9 Aug 2018 20:30
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 19 Sample Multiplier: 1

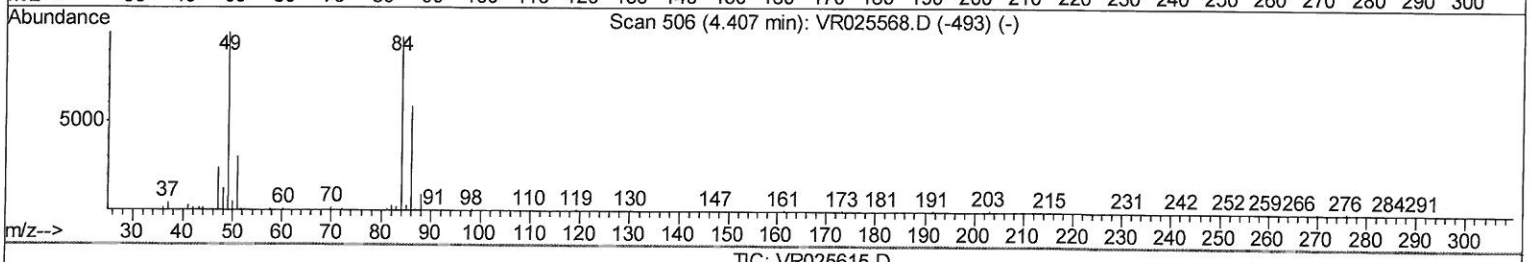
Quant Time: Aug 10 07:24:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 04:27:17 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
LabSampleId :
VSTD00597

Manual Integrations APPROVED
MMDadoda
8/10/2018 4:11:14 PM







TIC: VR025615.D

(16) Methylene chloride (T)

4.407min (+0.000) 3.71ug/L

response 121310

Ion	Exp%	Act%
84.05	100	100
86.00	57.70	67.69
49.10	108.80	117.22
0.00	0.00	0.00

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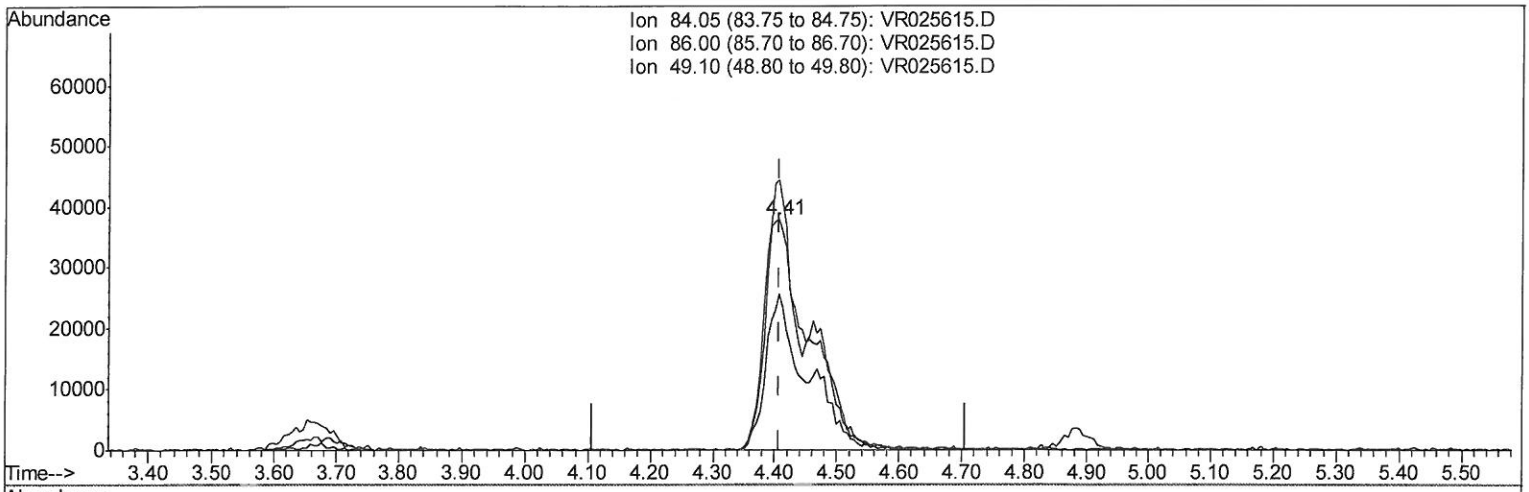

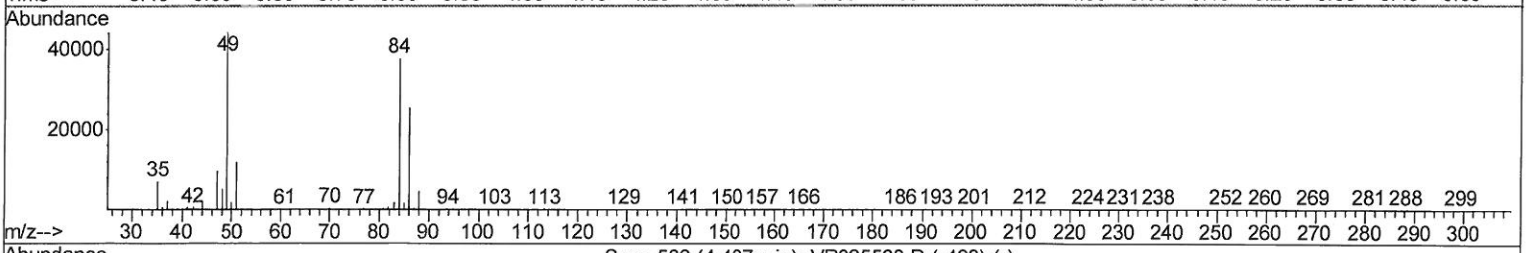

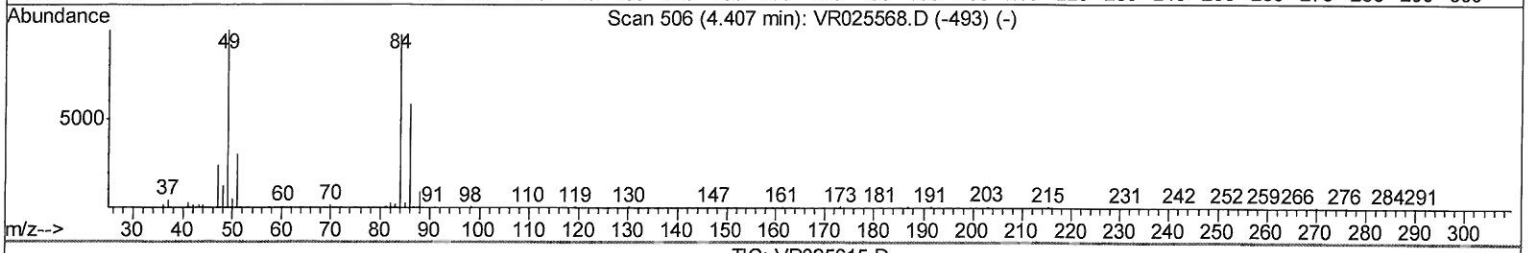

TIC: VR025615.D

(16) Methylene chloride (T)

4.407min (+0.000) 5.54ug/L m

response 181169

Ion	Exp%	Act%
84.05	100	100
86.00	57.70	67.69
49.10	108.80	117.22
0.00	0.00	0.00

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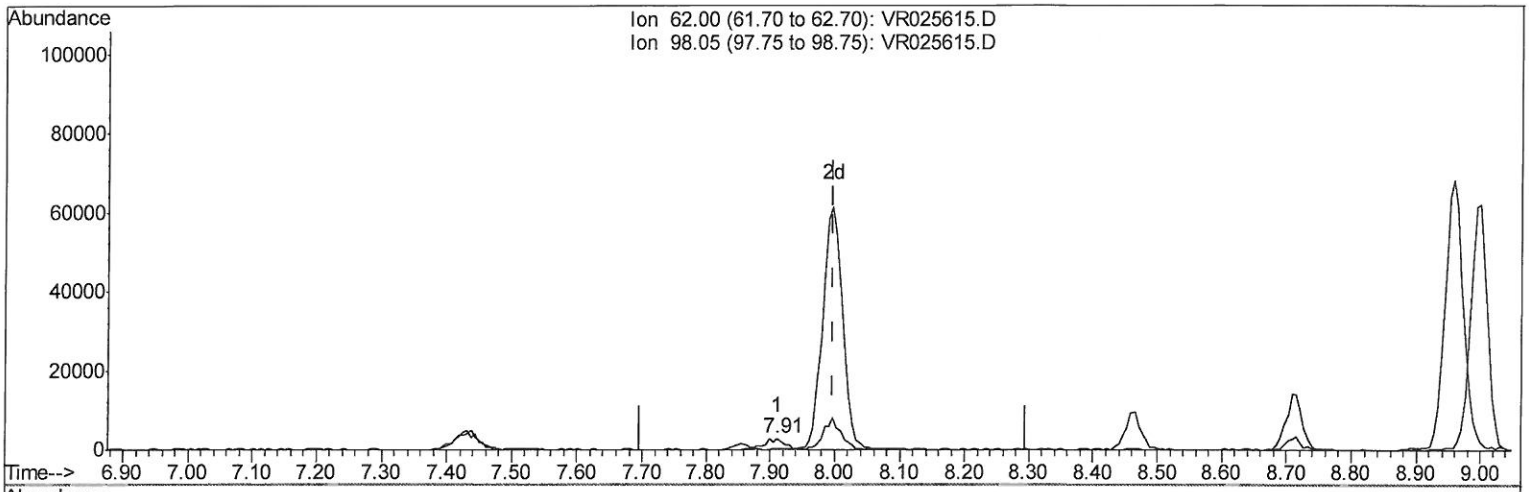

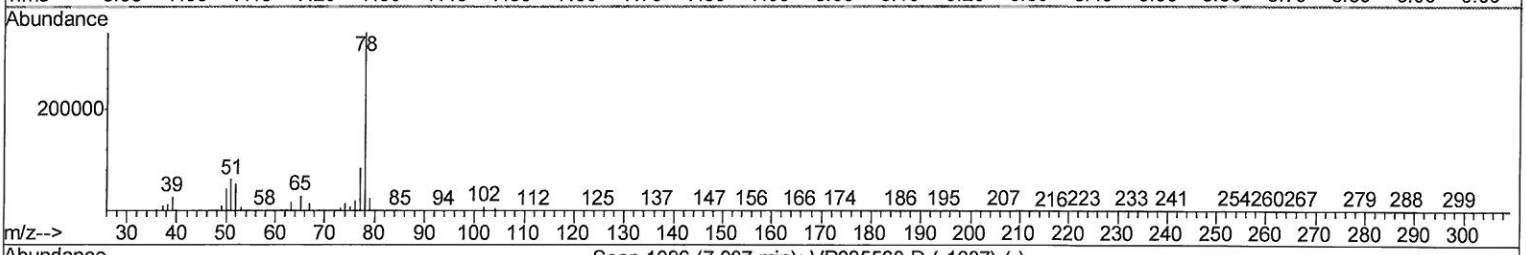

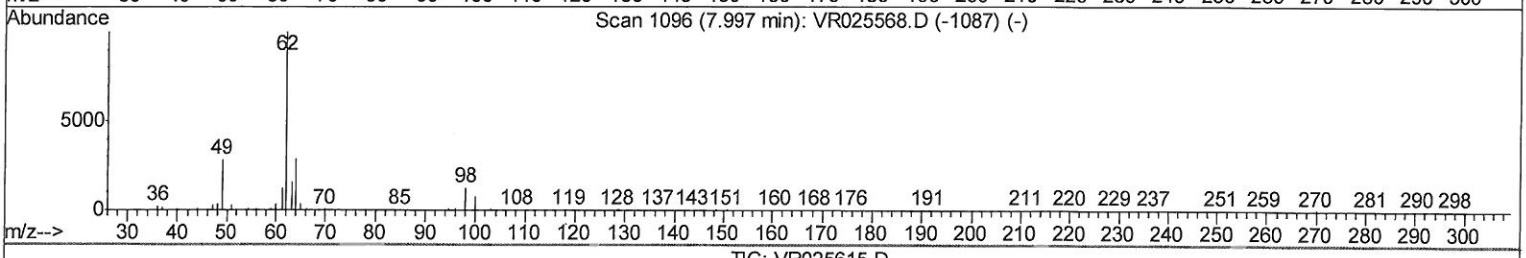

TIC: VR025615.D

(27) 1,2-Dichloroethane (T)

7.911min (-0.085) 0.25ug/L

response 5361

Ion	Exp%	Act%
62.00	100	100
98.05	8.20	6.85
0.00	0.00	0.00
0.00	0.00	0.00

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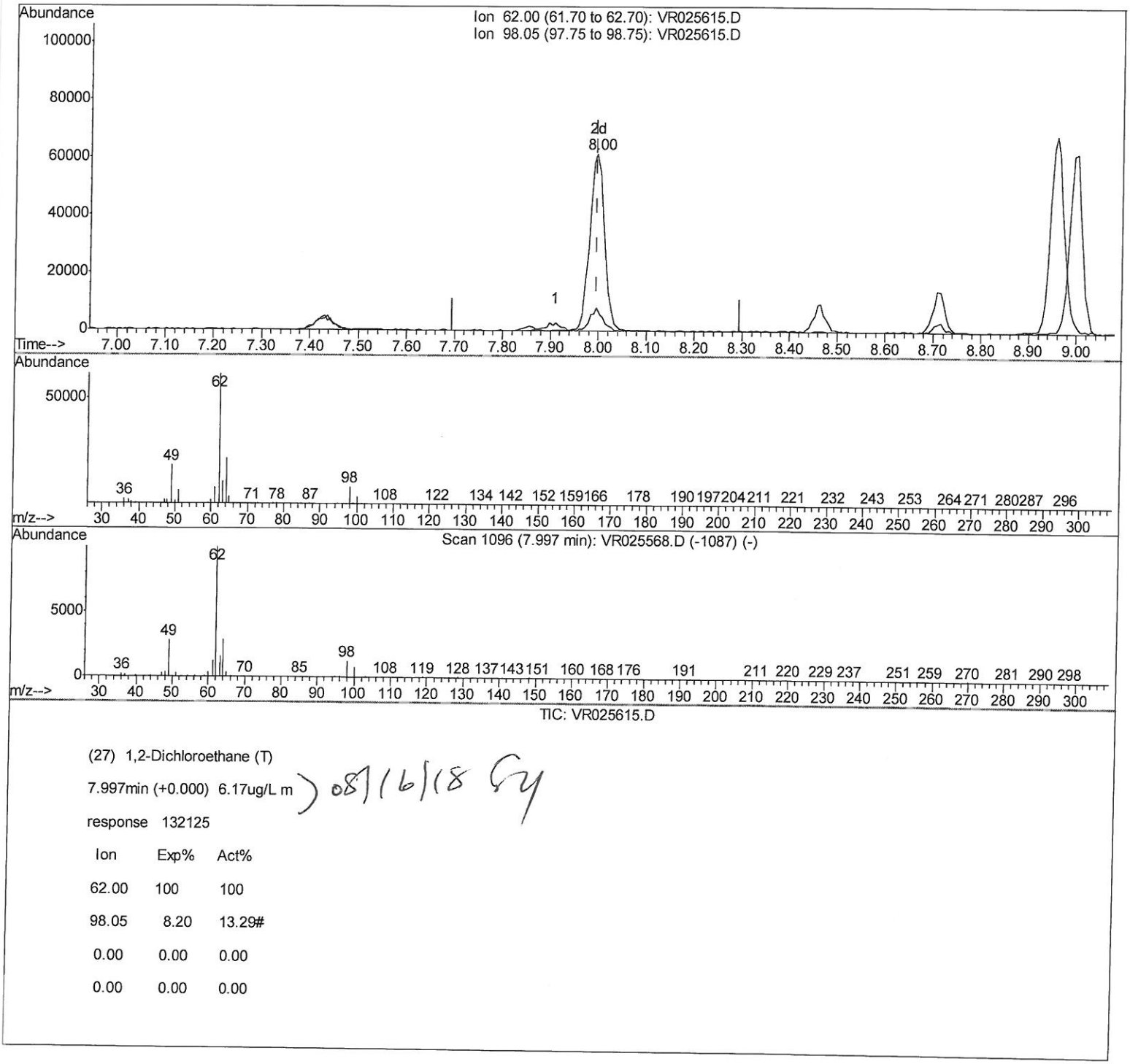

(27) 1,2-Dichloroethane (T)

7.997min (+0.000) 6.17ug/L m) 08/16/18 SY

response 132125

Ion	Exp%	Act%
62.00	100	100
98.05	8.20	13.29#
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
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LabSampleId :
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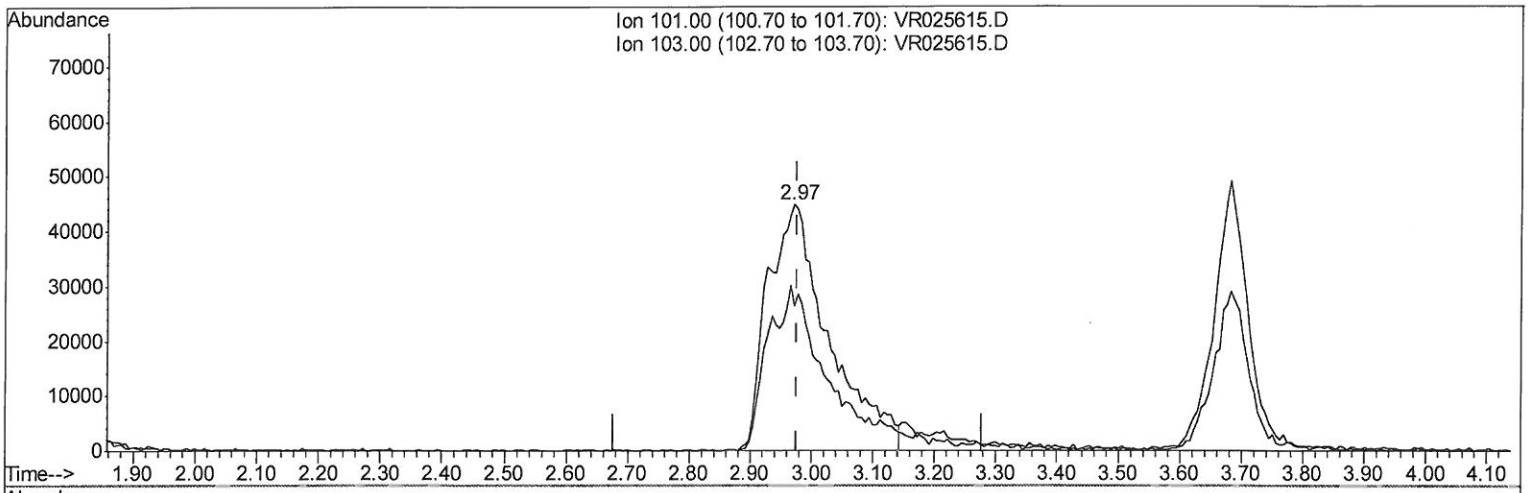

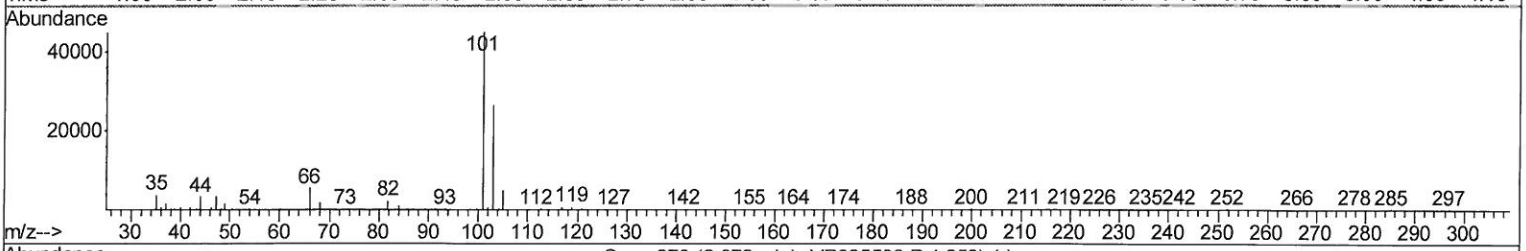

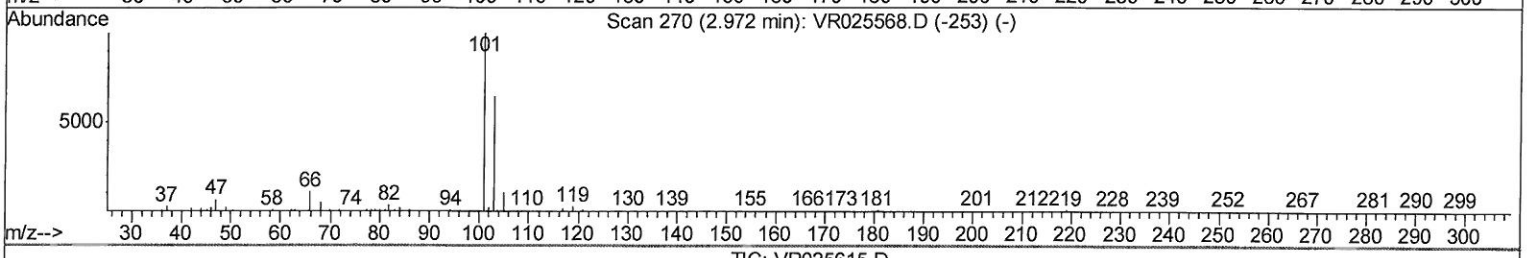

TIC: VR025615.D

(9) Trichlorofluoromethane (T)

2.972min (-0.006) 5.52ug/L

response 308808

Ion	Exp%	Act%
101.00	100	100
103.00	24.70	33.31#
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
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LabSampleId :
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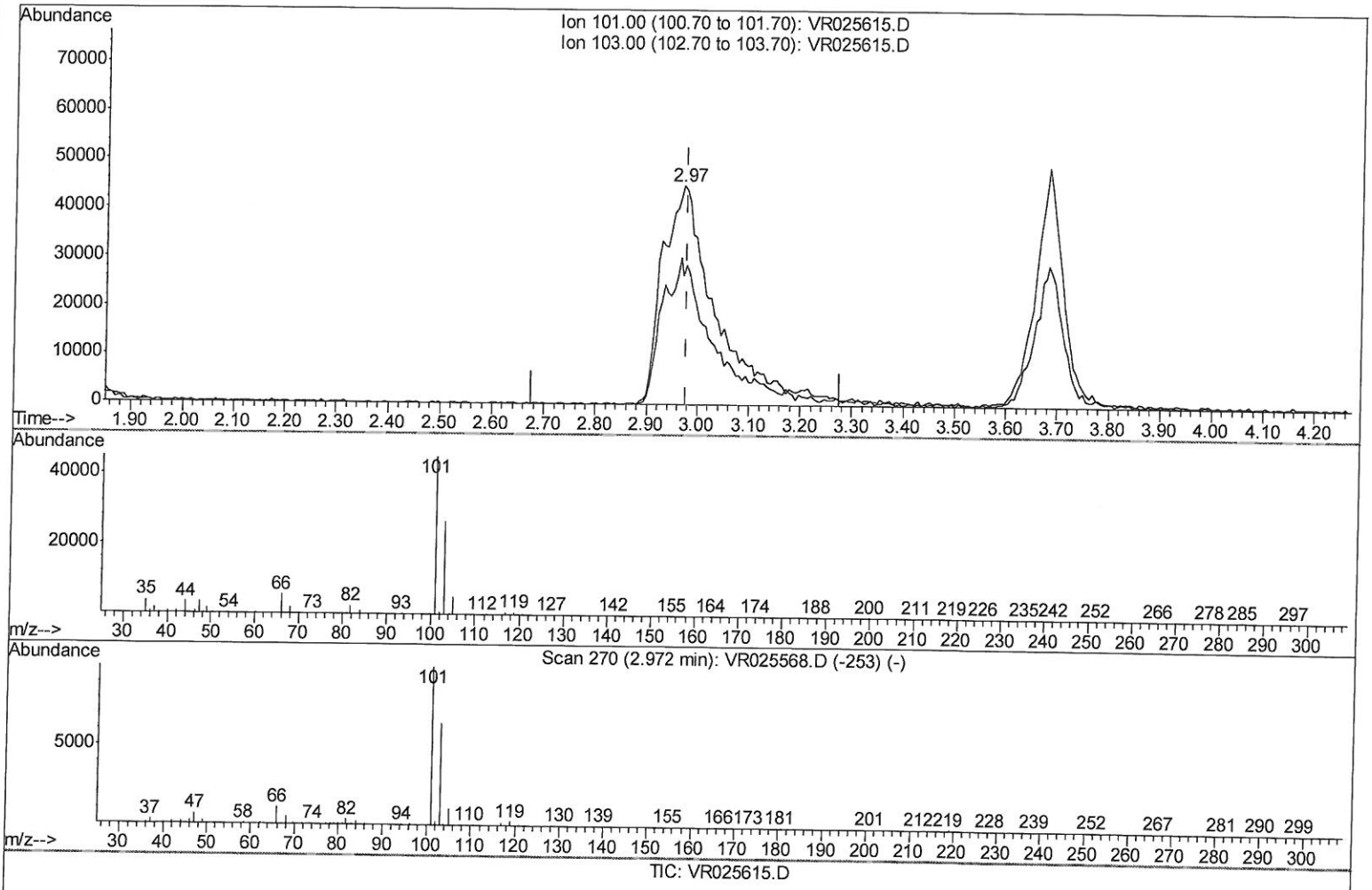

TIC: VR025615.D

(9) Trichlorofluoromethane (T)

2.972min (-0.006) 5.92ug/L m 08/16/18 SY

response 331491

Ion	Exp%	Act%
101.00	100	100
103.00	24.70	31.03#
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 04:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	542408	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	489155	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	215334	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.14	65	145622	4.33	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.60%			
7) Chloroethane-d5	2.64	69	97554	3.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.60%			
11) 1,1-Dichloroethene-d2	3.64	63	356907	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.00%			
20) 2-Butanone-d5	6.60	46	193807	69.77	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 139.54%#			
24) Chloroform-d	7.21	84	289975	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
26) 1,2-Dichloroethane-d4	7.90	65	111564	5.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.80%			
32) Benzene-d6	7.86	84	630021	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	8.90	67	172221	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	9.97	98	601175	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	10.24	79	42985	4.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.60%			
46) 2-Hexanone-d5	10.59	63	200284	71.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 142.30%#			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	93216	5.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 119.60%			
64) 1,2-Dichlorobenzene-d4	13.51	152	162052	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	156038	5.025	ug/L	94
3) Chloromethane	2.01	50	227121	5.537	ug/L	98
5) Vinyl chloride	2.16	62	203031	4.954	ug/L	94
6) Bromomethane	2.53	94	62252	2.762	ug/L	88
8) Chloroethane	2.67	64	87242	3.833	ug/L	97
9) Trichlorofluoromethane	2.97	101	331491m	5.921	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	184962	5.113	ug/L	96
12) 1,1-Dichloroethene	3.66	96	202930	5.238	ug/L	91
13) Acetone	3.70	43	174679	74.809	ug/L	99
14) Carbon disulfide	3.97	76	402860	4.489	ug/L	98
15) Methyl Acetate	4.20	43	41492	5.628	ug/L	97
16) Methylene chloride	4.41	84	181169m	5.537	ug/L	
17) Methyl tert-butyl Ether	4.90	73	214235	5.509	ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	191615	5.164	ug/L	94
19) 1,1-Dichloroethane	5.70	63	283825	5.228	ug/L	95
21) 2-Butanone	6.69	43	236305	72.843	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	198589	5.860	ug/L #	99

08/16/18 SY

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.05	128	66989	5.958 ug/L	90
25) Chloroform	7.23	83	296826	5.522 ug/L	96
27) 1,2-Dichloroethane	8.00	62	132125m	6.168 ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	202250	4.668 ug/L	97
30) Cyclohexane	7.52	56	236227	4.734 ug/L	98
31) Carbon tetrachloride	7.64	117	204765	4.580 ug/L	99
33) Benzene	7.91	78	791474	5.238 ug/L	100
34) Trichloroethene	8.71	95	178720	4.755 ug/L	90
35) Methylcyclohexane	8.96	83	292476	5.175 ug/L	98
37) 1,2-Dichloropropane	8.99	63	163432	5.138 ug/L	100
38) Bromodichloromethane	9.28	83	171795	5.287 ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	190188	5.415 ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	613410	68.432 ug/L	99
42) Toluene	10.03	91	883030	5.487 ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	133766	5.455 ug/L	97
45) 1,1,2-Trichloroethane	10.44	97	90801	5.732 ug/L	96
47) Tetrachloroethene	10.52	164	169712	5.278 ug/L	92
48) 2-Hexanone	10.64	43	414186	68.516 ug/L	98
49) Dibromochloromethane	10.78	129	111356	5.959 ug/L	92
50) 1,2-Dibromoethane	10.89	107	78616	5.948 ug/L #	94
51) Chlorobenzene	11.31	112	521690	5.361 ug/L	96
52) Ethylbenzene	11.39	91	909053	5.195 ug/L	99
53) m,p-Xylene	11.51	106	373079	5.511 ug/L	99
54) o-Xylene	11.83	106	345450	5.558 ug/L	92
55) Styrene	11.85	104	577789	5.835 ug/L	98
56) Isopropylbenzene	12.13	105	871435	5.330 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	93989	6.261 ug/L	99
59) 1,2,3-Trichloropropane	12.44	75	59890	5.972 ug/L	99
61) Bromoform	12.01	173	46280	5.396 ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	313567	5.036 ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	352814	5.220 ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	291703	5.453 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.15	75	7427	4.487 ug/L #	74
67) 1,3,5-Trichlorobenzene	14.29	180	212884	5.030 ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	140688	5.173 ug/L	99
69) Naphthalene	15.00	128	156484	5.036 ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	127939	6.117 ug/L	98

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

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