Quantitation Report (QT Reviewed)

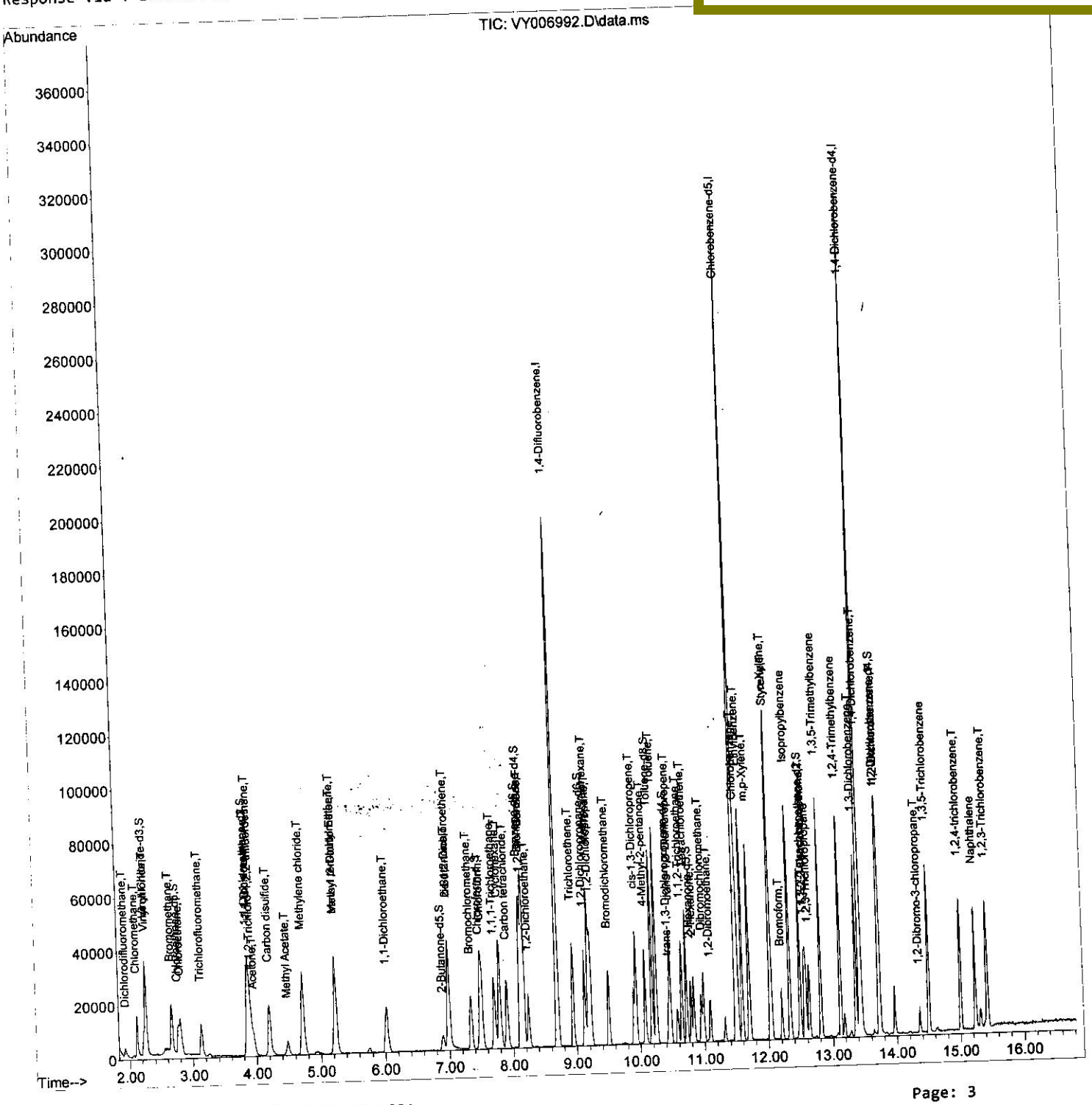
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
Data File : VY006992.D
Acq On : 07 Dec 2021 12:23
Operator : SY/MD
Sample : VSTD00507
Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 08 01:24:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120721SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 08 01:13:32 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005807

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/15/2021



SFAMYLM120721SMA.M Wed Dec 08 01:26:27 2021

Quantitation Report (Qedit)

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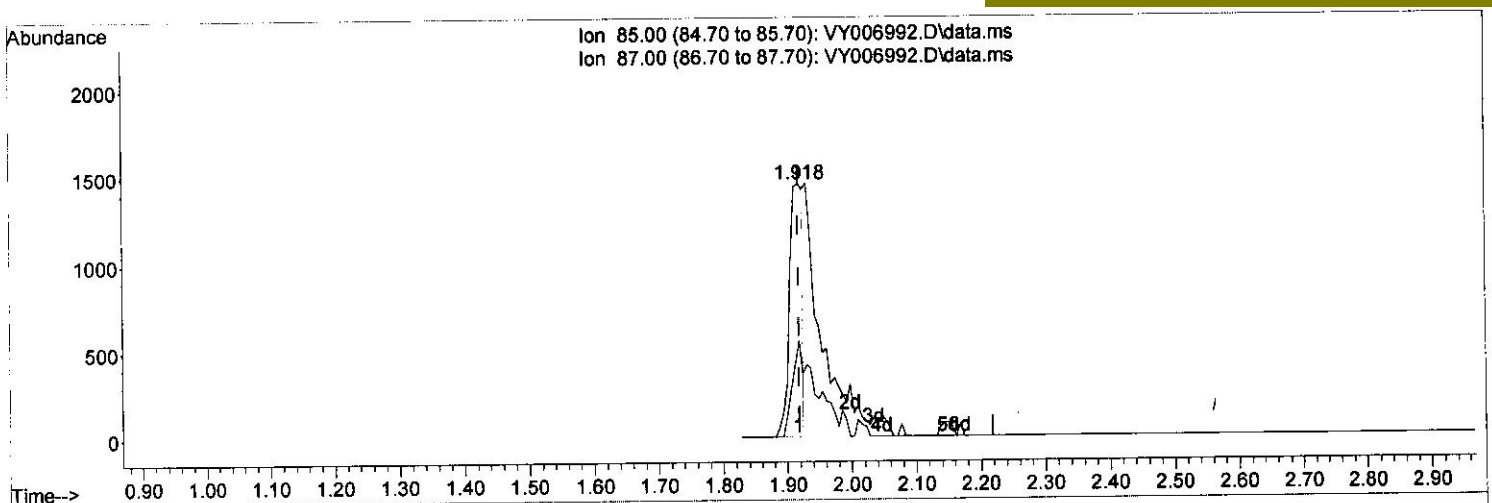

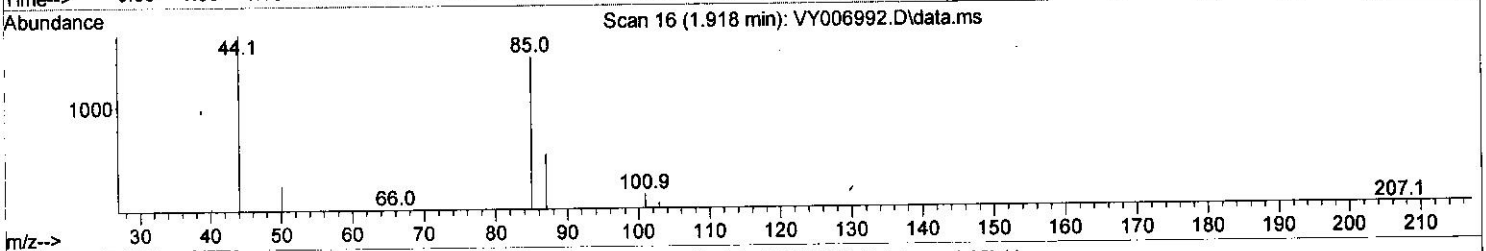

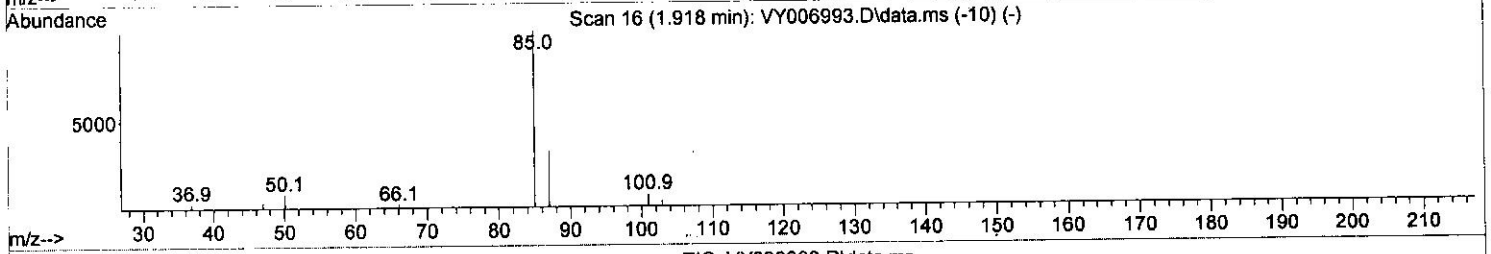

TIC: VY006992.D\data.ms

(2) Dichlorodifluoromethane (T)

1.918min (-0.000) 2.14 ug/L

response 2104

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.50	29.66
0.00	0.00	0.00
0.00	0.00	0.00

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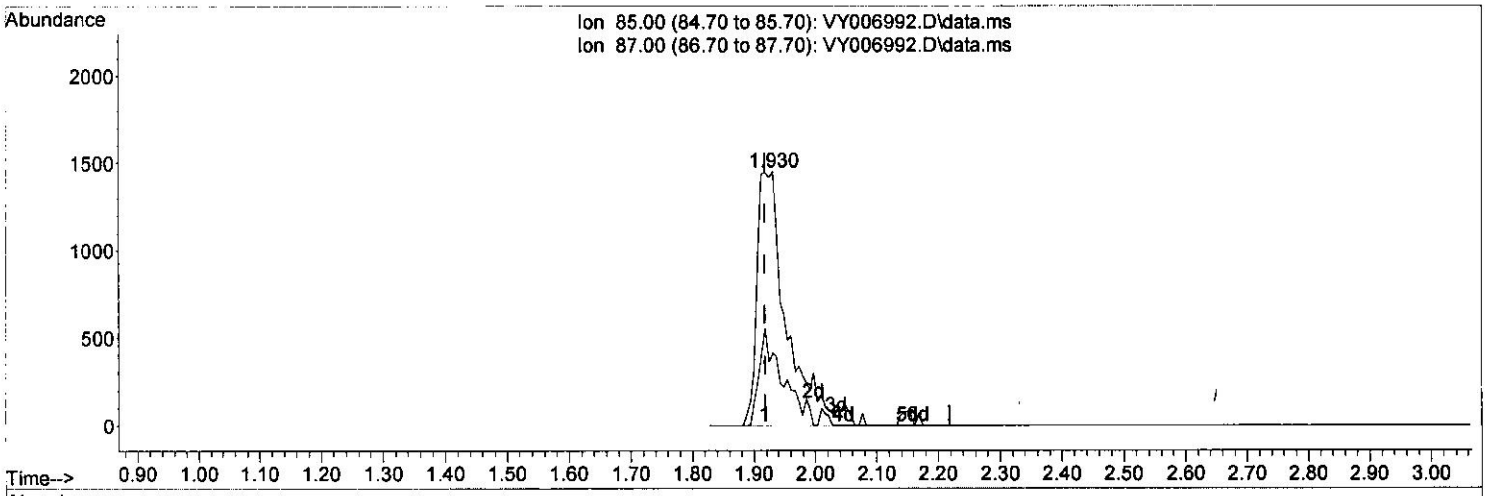

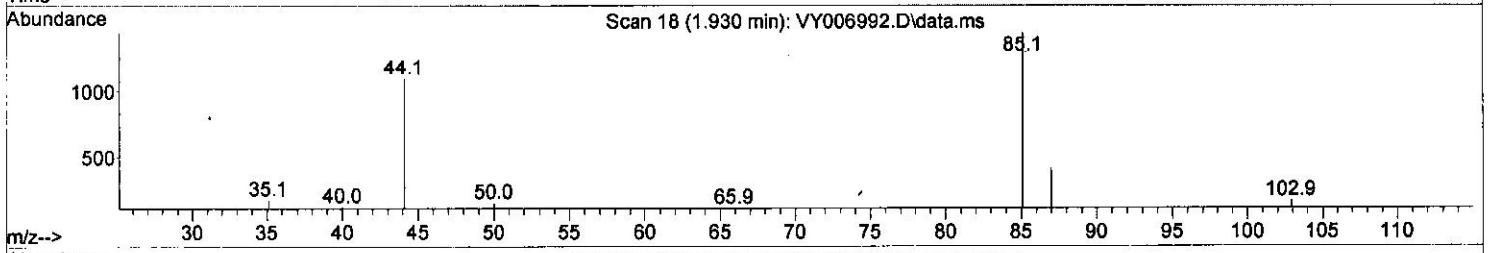

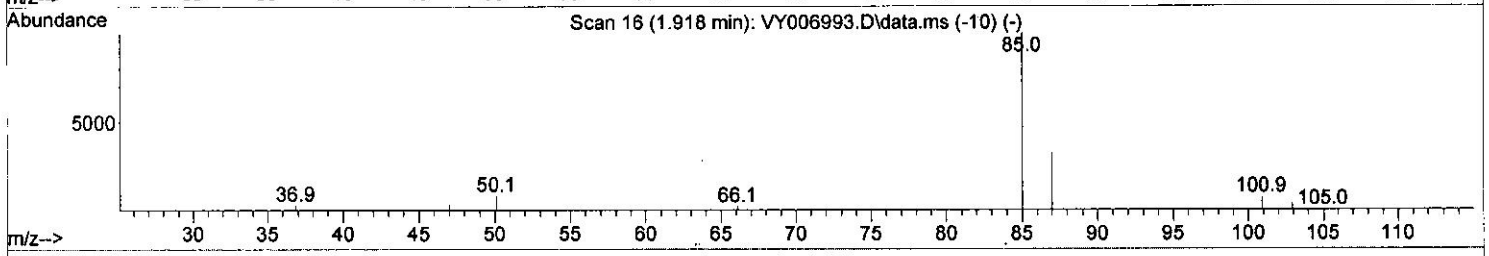

TIC: VY006992.D\data.ms

(2) Dichlorodifluoromethane (T)

1.930min (+ 0.012) 5.00 ug/L m

12/12/21

response 4903

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.50	12.73#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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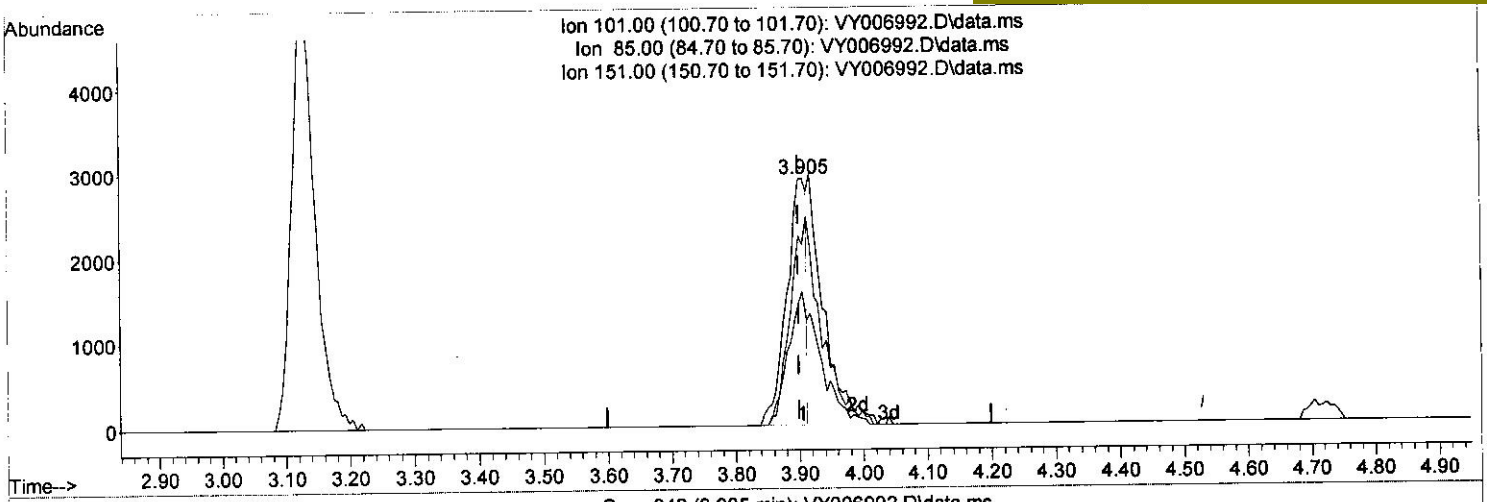

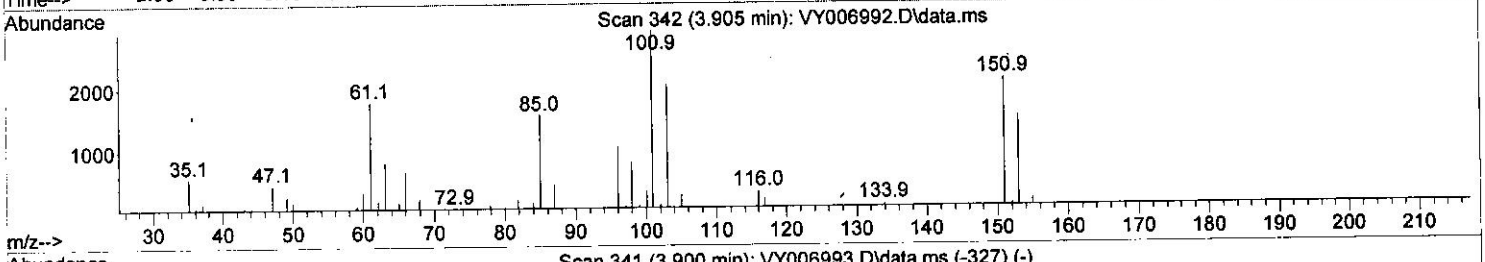

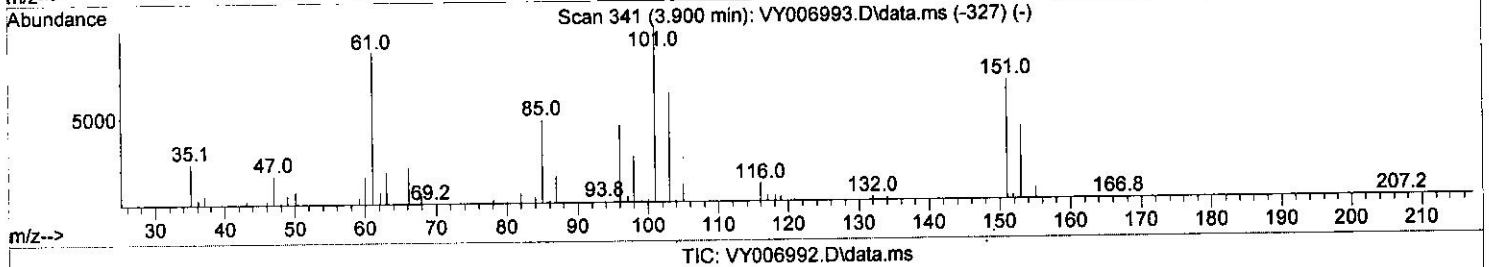

TIC: VY006992.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

3.905min (+ 0.006) 3.18 ug/L

response 6295

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	43.30	74.77#
151.00	68.70	125.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VY006992.D
Acq On : 07 Dec 2021 12:23
Operator : SY/MD
Sample : VSTD00507
Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 08 01:24:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120721SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 08 01:13:32 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005807

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/08/2021
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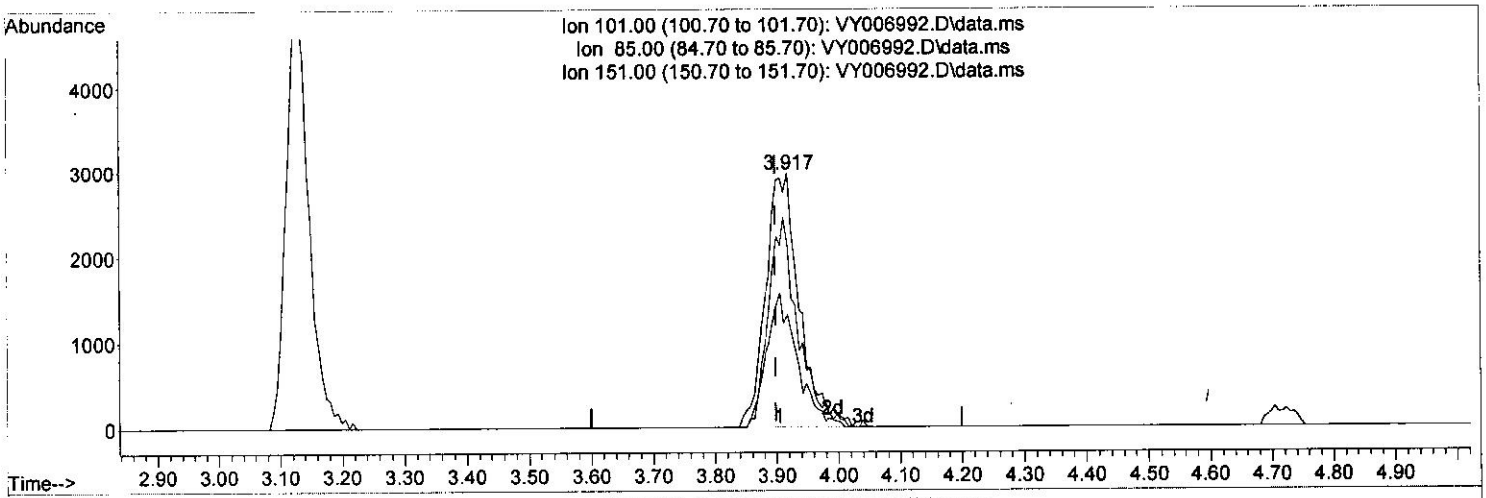

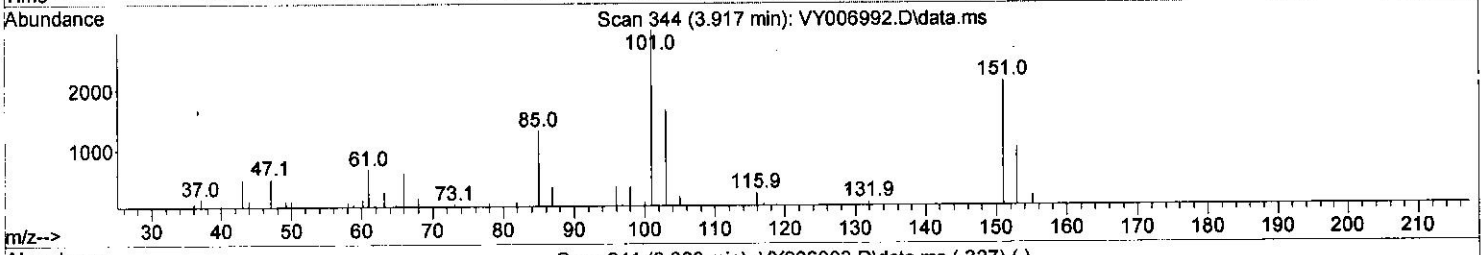

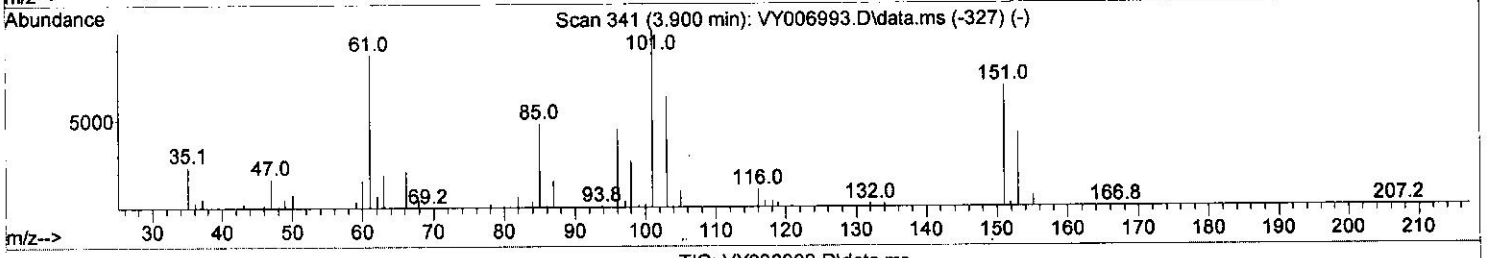

TIC: VY006992.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

3.917min (+ 0.018) 5.70 ug/L m MD 12/21/21

response 11265

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	43.30	41.78
151.00	68.70	70.12
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/08/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	153371	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	144697	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	71440	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	16094	7.021	ug/L	0.00
7) Chloroethane-d5	2.765	69	13096	7.356	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.857	63	26138	6.018	ug/L	0.00
21) 2-Butanone-d5	6.899	46	10513	12.559	ug/L	0.00
24) Chloroform-d	7.478	84	24844	6.166	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.142	65	14786	6.100	ug/L	0.00
32) Benzene-d6	8.112	84	46648	5.811	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	16391	6.338	ug/L	0.00
41) Toluene-d8	10.179	98	43200	5.784	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	7212	5.849	ug/L	0.00
47) 2-Hexanone-d5	10.788	63	7185	11.653	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.556	84	13718	6.266	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.721	152	14141	5.940	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.930	85	4903m	4.997	ug/L	
3) Chloromethane	2.113	50	14169	7.175	ug/L	98
5) Vinyl chloride	2.259	62	21537	7.166	ug/L	99
6) Bromomethane	2.662	94	13082	7.190	ug/L	94
8) Chloroethane	2.802	64	12423	6.882	ug/L	96
9) Trichlorofluoromethane	3.125	101	12840	6.074	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.917	101	11265m	5.698	ug/L	
12) 1,1-Dichloroethene	3.875	96	11192	5.315	ug/L	79
13) Acetone	3.954	43	9460	12.577	ug/L	97
14) Carbon disulfide	4.198	76	36909	5.318	ug/L #	93
15) Methyl Acetate	4.478	43	9573	5.871	ug/L #	91
16) Methylene chloride	4.716	84	19959	7.042	ug/L	96
17) trans-1,2-Dichloroethene	5.222	96	11653	5.155	ug/L	96
18) Methyl tert-butyl Ether	5.222	73	23664	5.687	ug/L	99
19) 1,1-Dichloroethane	6.021	63	25154	5.815	ug/L	98
20) cis-1,2-Dichloroethene	6.990	96	12923	5.346	ug/L	96
22) 2-Butanone	6.990	43	12372	11.675	ug/L	98
23) Bromochloromethane	7.338	128	5848	5.324	ug/L	86
25) Chloroform	7.508	83	24718	5.739	ug/L	97
27) 1,2-Dichloroethane	8.240	62	17221	5.507	ug/L	96
29) Cyclohexane	7.789	56	21329	5.125	ug/L	98
30) 1,1,1-Trichloroethane	7.703	97	19666	5.285	ug/L	98
31) Carbon tetrachloride	7.905	117	17648	5.036	ug/L	99
33) Benzene	8.161	78	52126	5.245	ug/L	100
34) Trichloroethene	8.941	95	12627	5.198	ug/L	94
35) Methylcyclohexane	9.185	83	20992	4.842	ug/L	97
37) 1,2-Dichloropropane	9.221	63	14573	5.582	ug/L #	96
38) Bromodichloromethane	9.502	83	17844	5.368	ug/L	95
39) cis-1,3-Dichloropropene	9.929	75	21307	5.282	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	25206	10.764	ug/L	98
42) Toluene	10.246	91	53107	5.034	ug/L	97

MD 12/21/21

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) trans-1,3-Dichloropropene	10.471	75	19528	5.168	ug/L		97
45) 1,1,2-Trichloroethane	10.648	97	10635	5.588	ug/L		94
46) Tetrachloroethene	10.721	164	9648	4.871	ug/L		97
48) 2-Hexanone	10.831	43	16717	10.650	ug/L		97
49) Dibromochloromethane	10.983	129	11946	5.237	ug/L		97
50) 1,2-Dibromoethane	11.093	107	9581	5.306	ug/L	#	97
51) Chlorobenzene	11.520	112	32790	5.142	ug/L		98
52) Ethylbenzene	11.593	91	56035	4.956	ug/L		100
53) m,p-Xylene	11.703	106	20643	4.829	ug/L		96
54) o-Xylene	12.032	106	19413	4.826	ug/L		97
55) Styrene	12.044	104	33372	4.747	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.581	83	13716	5.823	ug/L		98
59) Bromoform	12.209	173	7201	5.113	ug/L		95
60) Isopropylbenzene	12.331	105	51777	5.106	ug/L		99
61) 1,2,3-Trichloropropane	12.635	75	10786	6.169	ug/L		98
62) 1,3,5-Trimethylbenzene	12.812	105	40954	4.922	ug/L		96
63) 1,2,4-Trimethylbenzene	13.123	105	41561	4.966	ug/L		100
64) 1,3-Dichlorobenzene	13.367	146	24205	5.105	ug/L		98
65) 1,4-Dichlorobenzene	13.446	146	24333	5.037	ug/L		97
67) 1,2-Dichlorobenzene	13.739	146	22016	5.207	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.355	75	2204	5.668	ug/L		98
69) 1,3,5-Trichlorobenzene	14.501	180	16755	5.296	ug/L		99
70) 1,2,4-trichlorobenzene	15.007	180	13389	5.144	ug/L		96
71) Naphthalene	15.239	128	34790	6.564	ug/L		99
72) 1,2,3-Trichlorobenzene	15.422	180	14221	6.195	ug/L		99

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