

Quantitation Report (QT Reviewed)

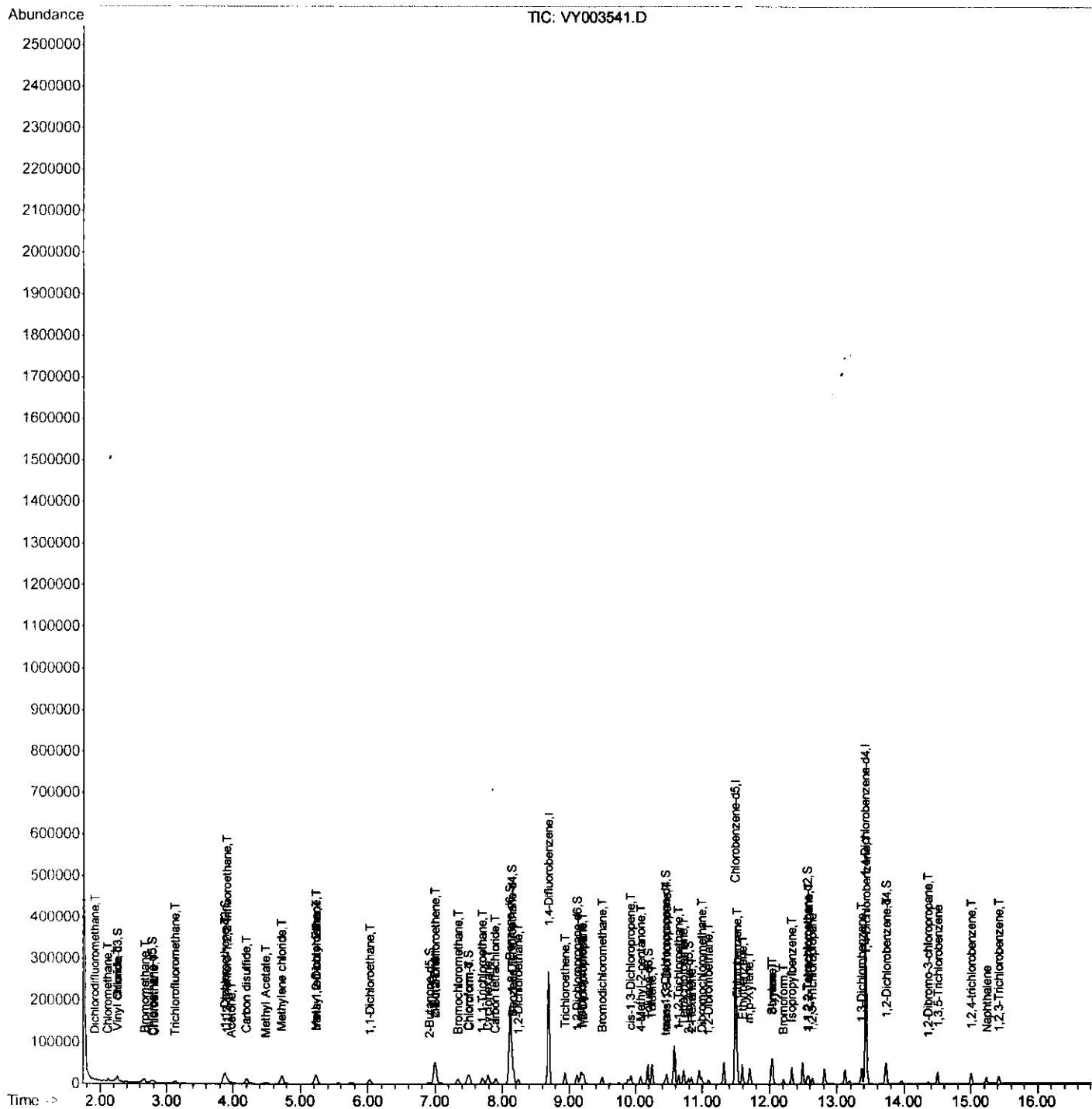
Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv111920\
 Data File : VY003541.D
 Acq On : 19 Nov 2020 11:25
 Operator : SY/MD
 Sample : VSTD2.582
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 Client Sampled :
 VSTD2.582

Quant Time: Nov 19 12:31:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 12:23:20 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 10:22:30 AM



Quantitation Report (Qedit)

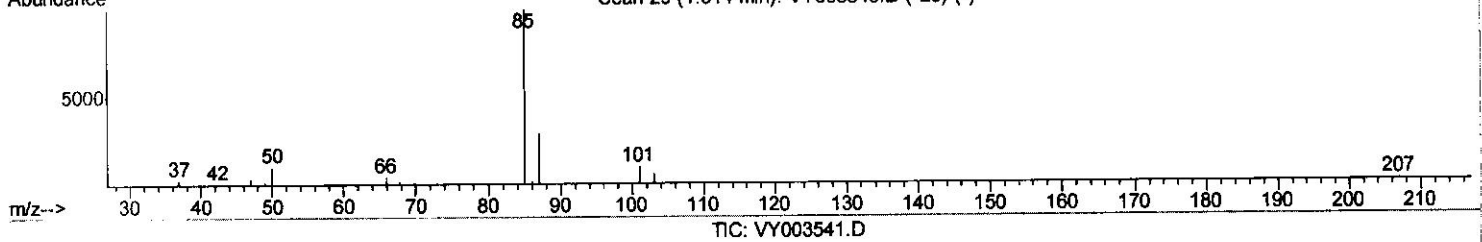
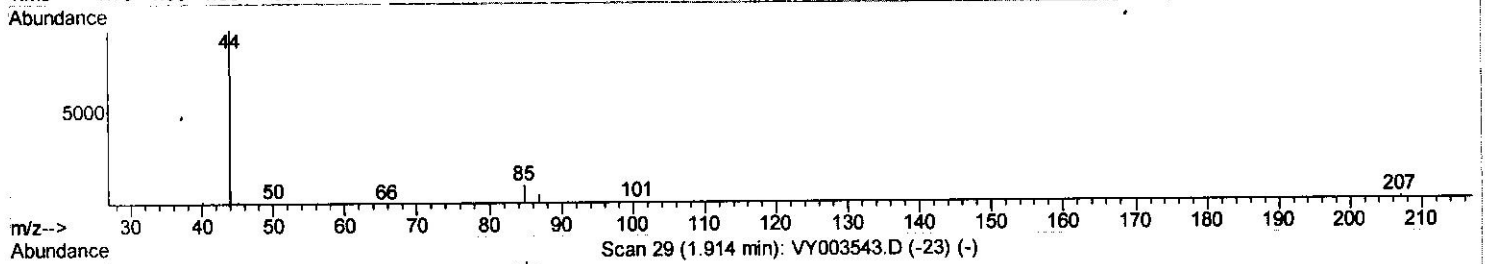
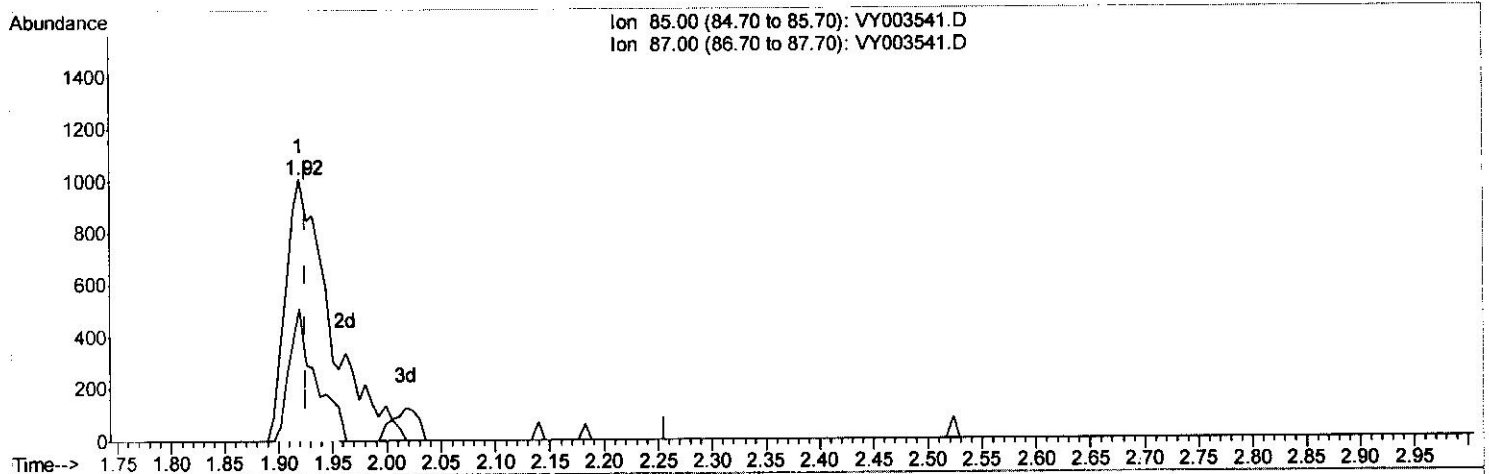
Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vvl11920\
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 ClientSampleId :
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Quant Time: Dec 08 05:07:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
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(2) Dichlorodifluoromethane (T)

1.920min (-0.006) 1.94ug/L

response 2386

Ion	Exp%	Act%
85.00	100	100
87.00	30.40	29.38
0.00	0.00	0.00
0.00	0.00	0.00

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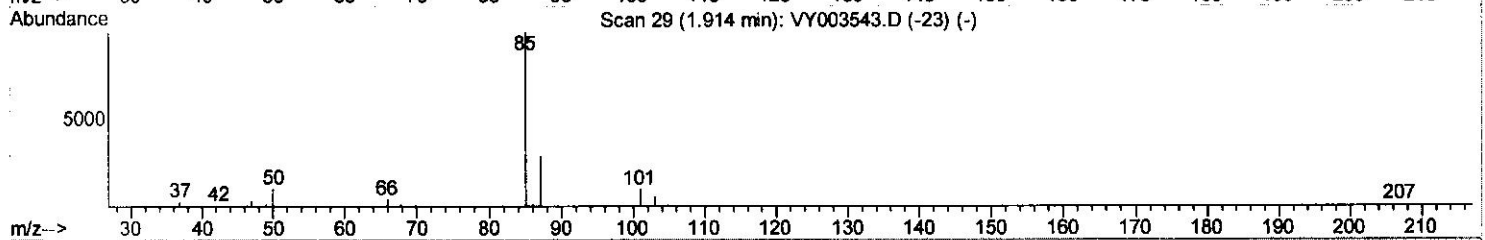
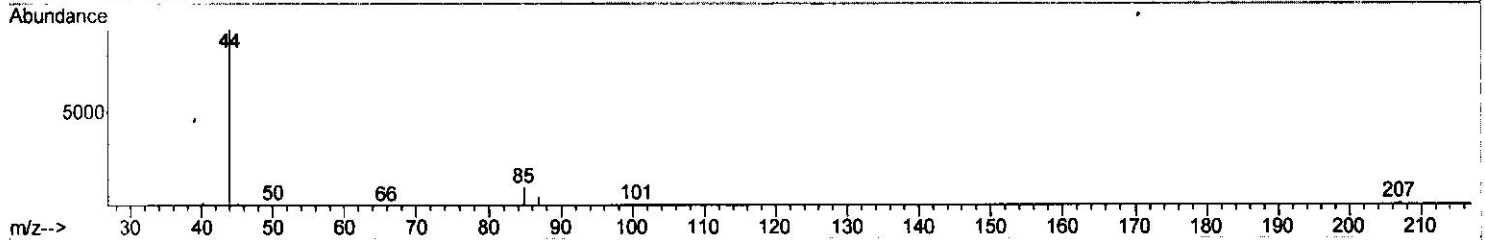
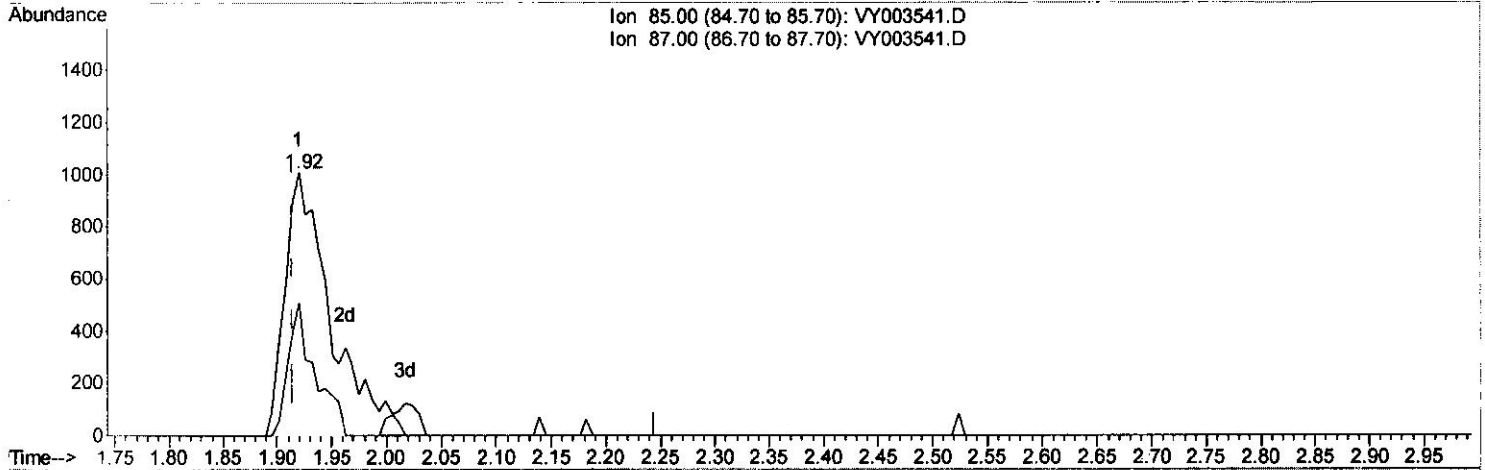
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(2) Dichlorodifluoromethane (T)

1.920min (+0.006) 2.19ug/L m } m-19
 11/20/20 20

response 2829

Ion	Exp%	Act%
85.00	100	100
87.00	30.40	24.78
0.00	0.00	0.00
0.00	0.00	0.00

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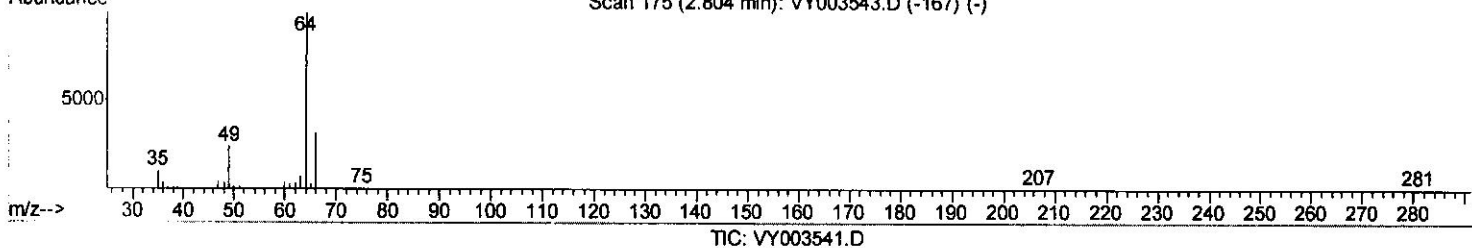
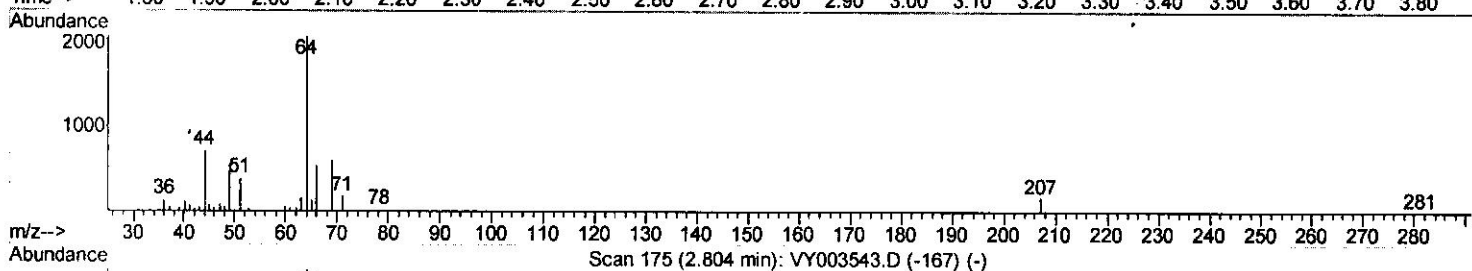
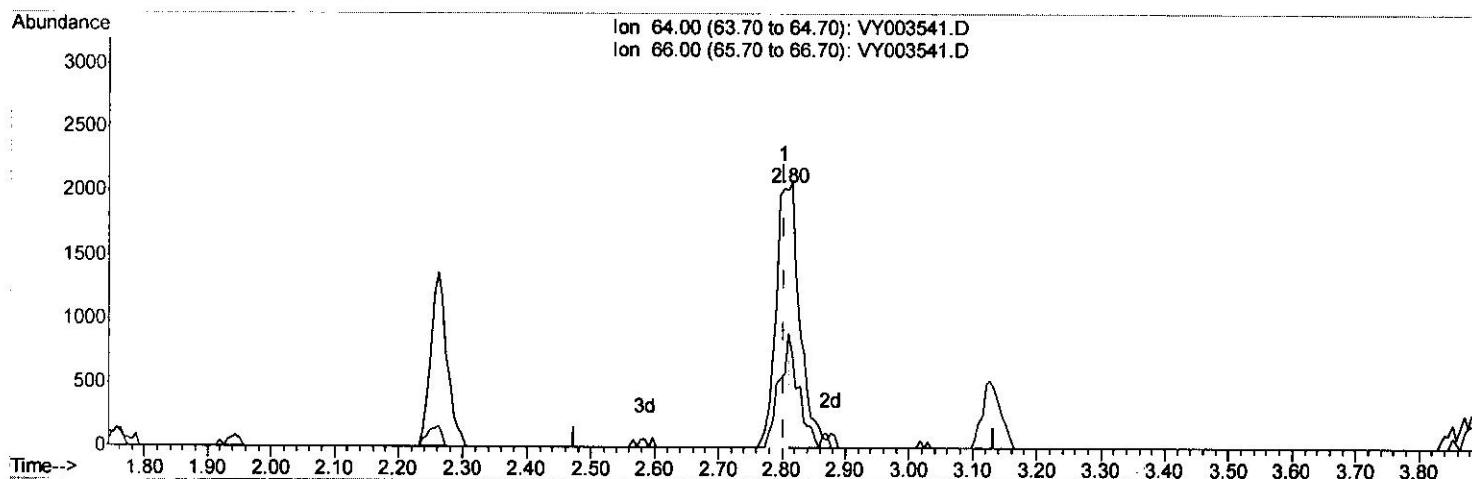
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(8) Chloroethane (T)

2.804min (-0.000) 1.46ug/L

response 3071

Ion	Exp%	Act%
64.00	100	100
66.00	31.20	28.05
0.00	0.00	0.00
0.00	0.00	0.00

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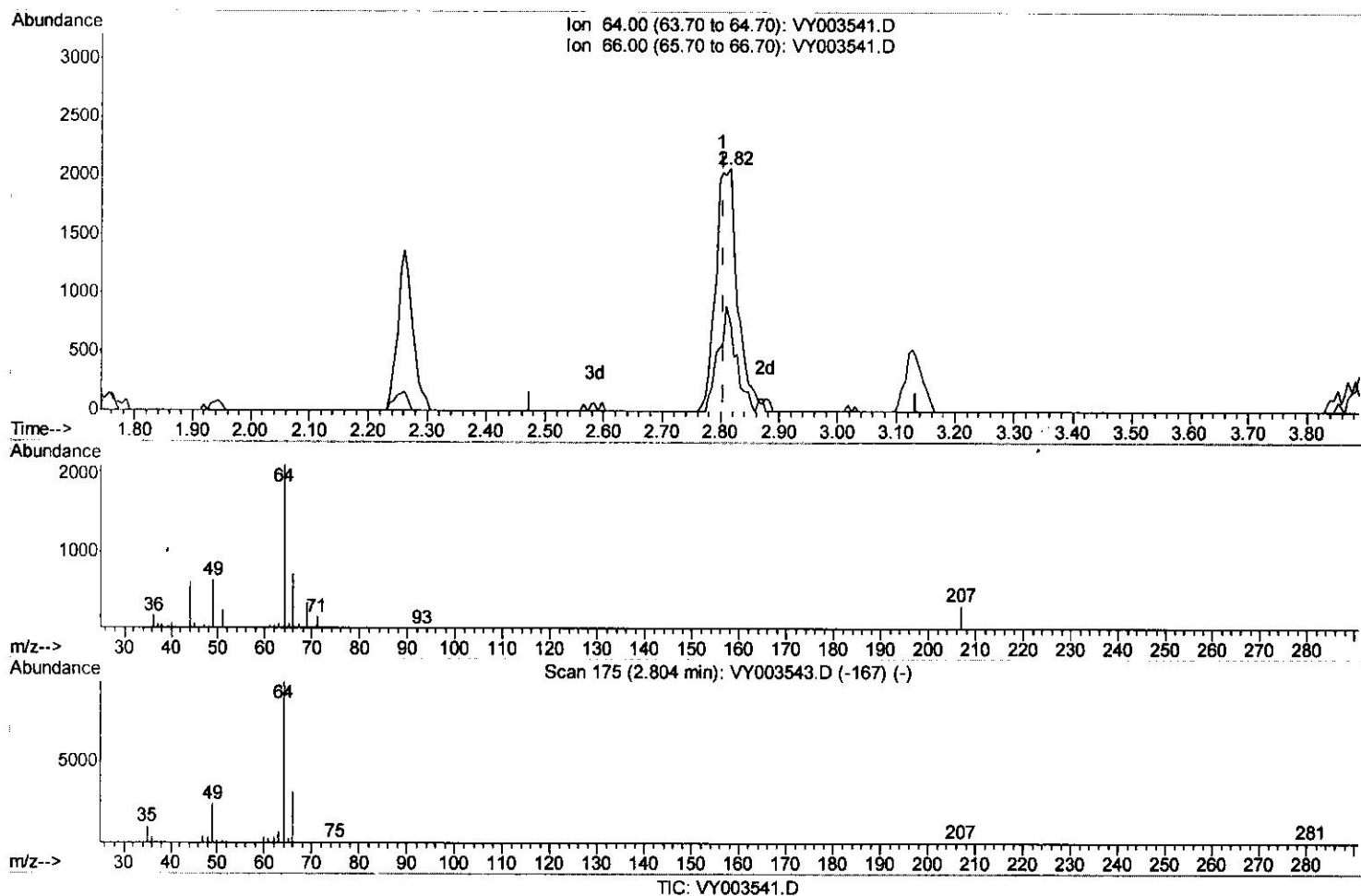
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(8) Chloroethane (T)

2.816min (+0.012) 2.69ug/L m } *MD*
11/20/20

response 5427

Ion	Exp%	Act%
64.00	100	100
66.00	31.20	35.38
0.00	0.00	0.00
0.00	0.00	0.00

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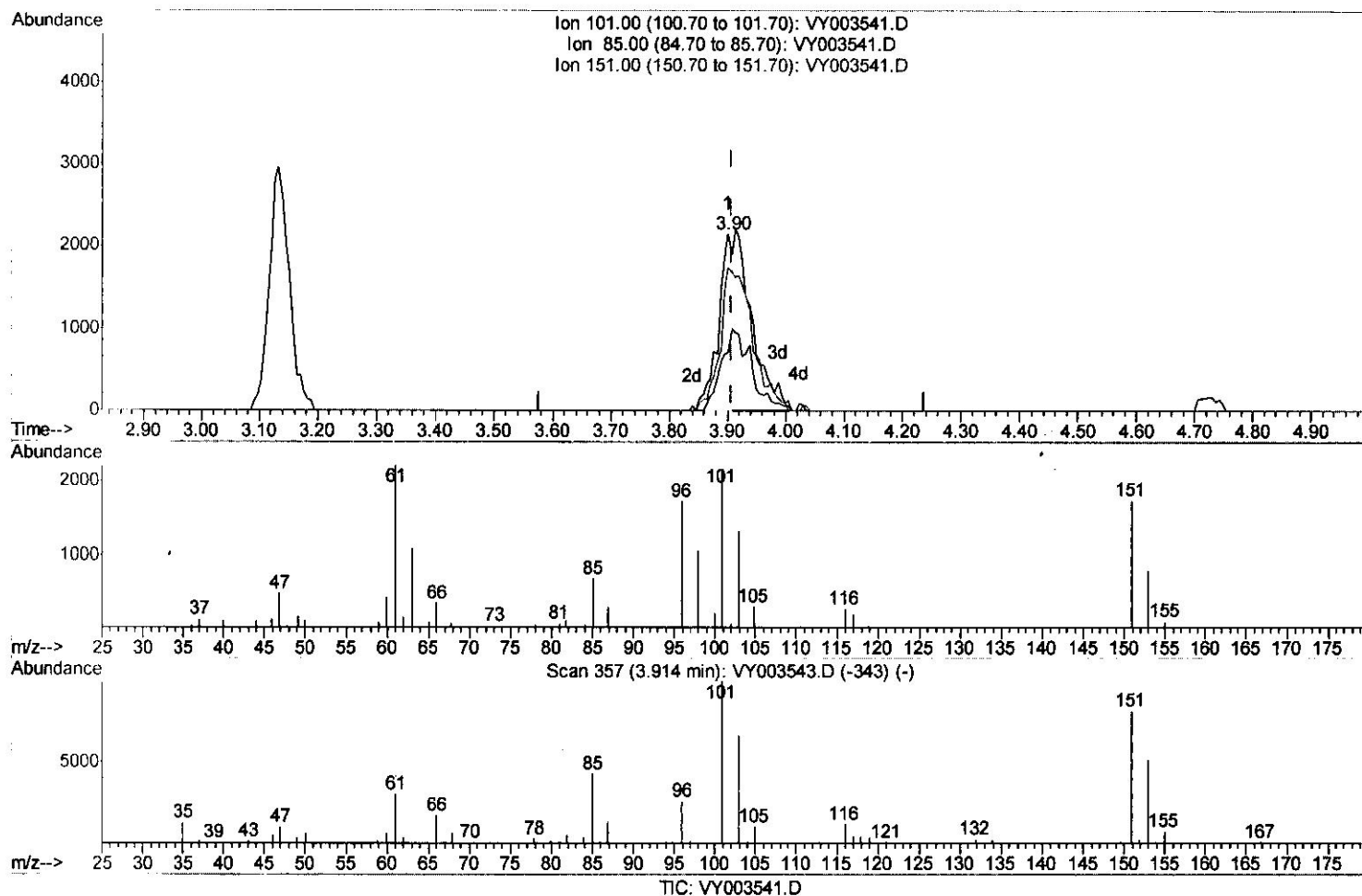
Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv111920\
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(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

3.901min (-0.006) 1.17ug/L

response 3587

Ion	Exp%	Act%
101.00	100	100
85.00	43.70	65.26#
151.00	81.70	163.79#
0.00	0.00	0.00

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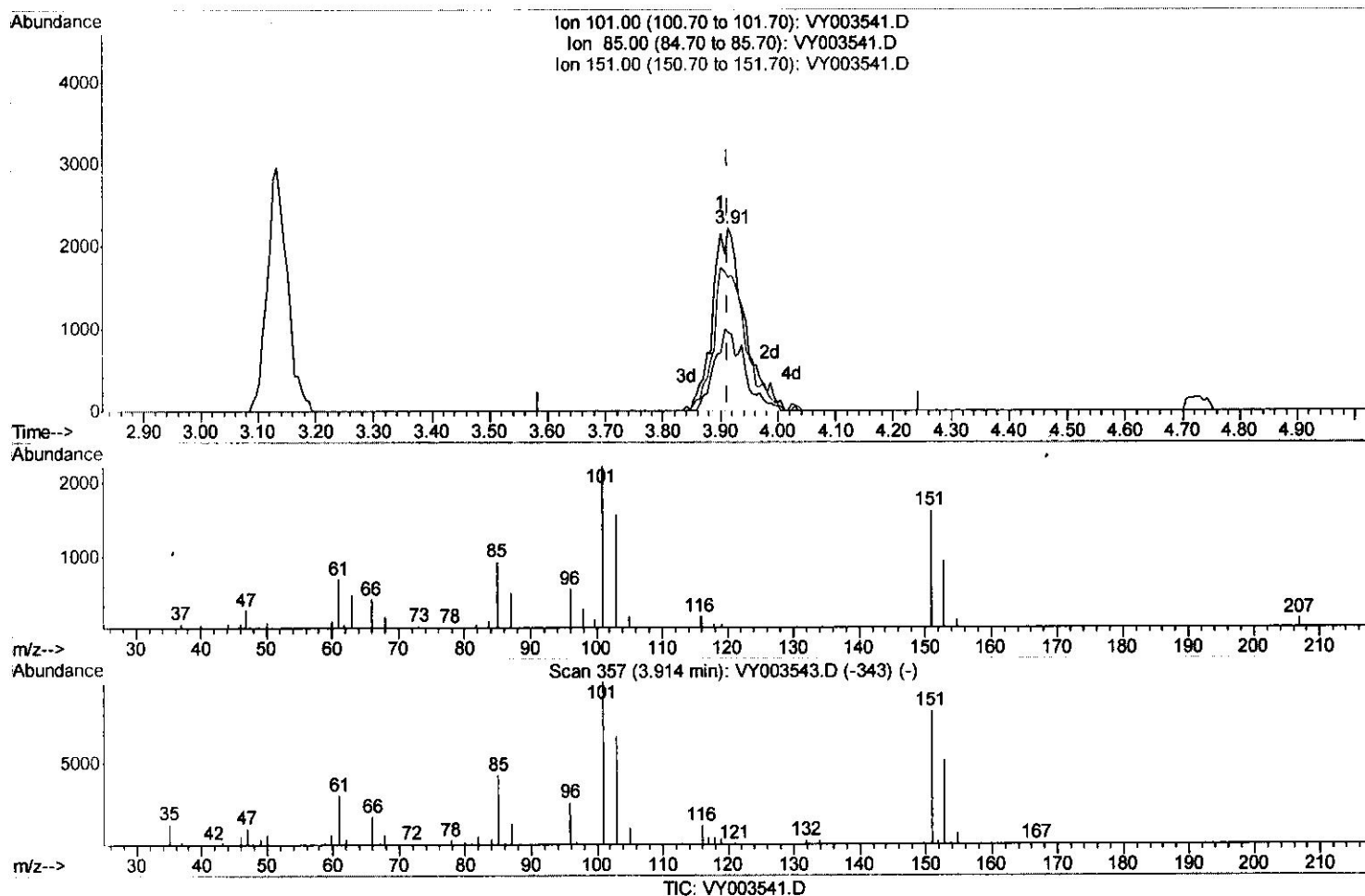
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(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

3.914min (-0.000) 2.85ug/L m } m.d
 11/20/20

response 8465

Ion	Exp%	Act%
101.00	100	100
85.00	43.70	27.66#
151.00	81.70	69.40
0.00	0.00	0.00

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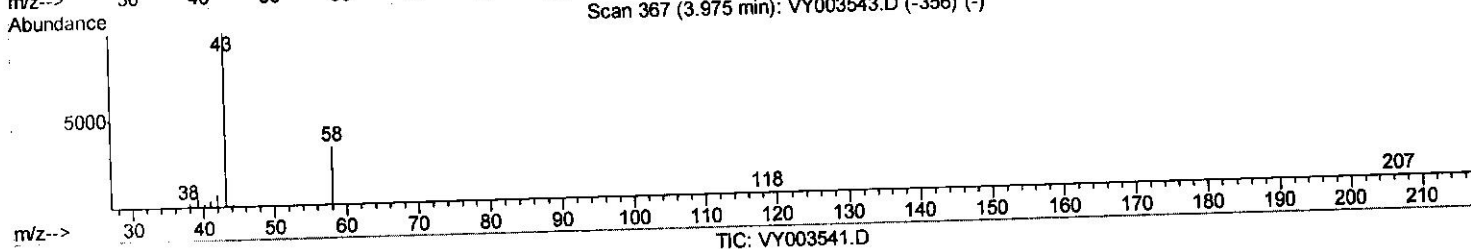
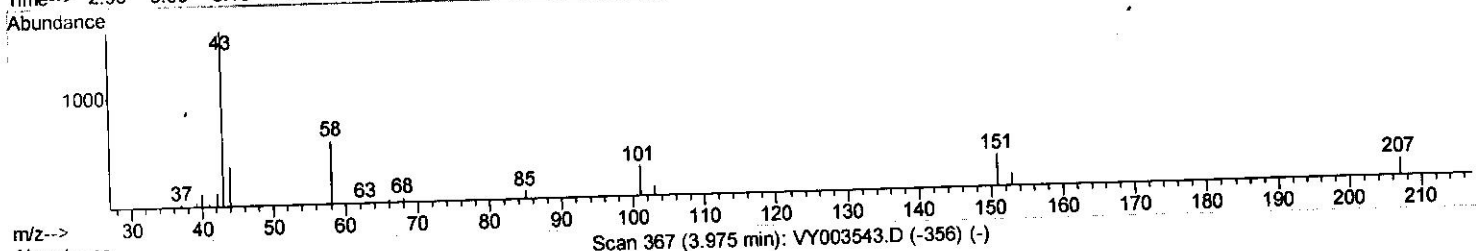
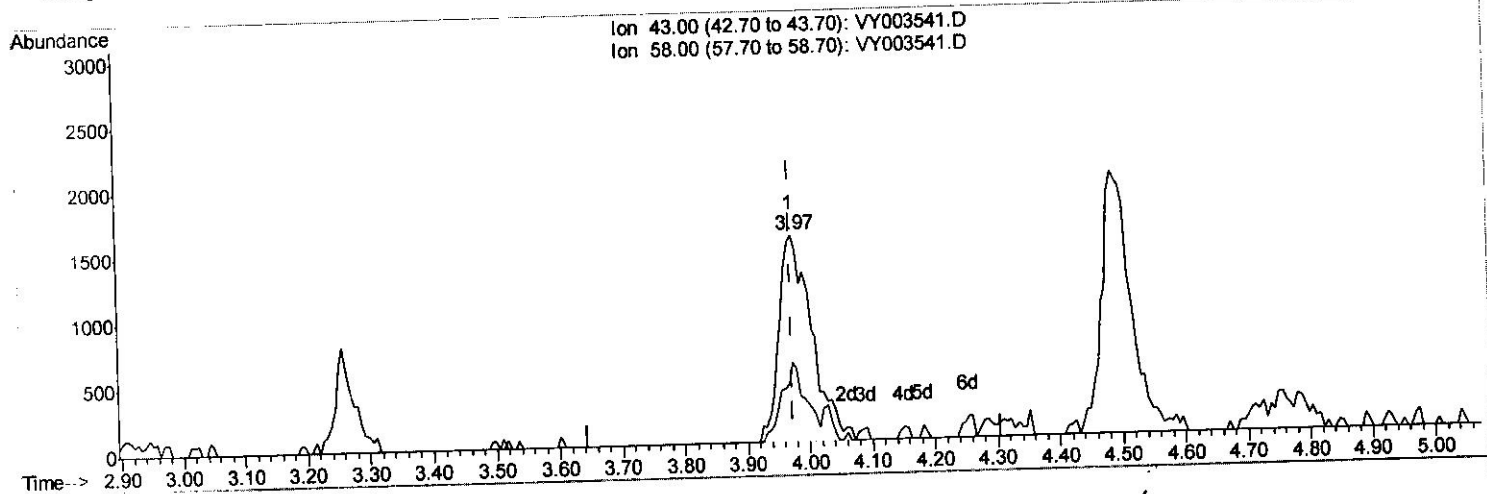
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(13) Acetone (T)

3.974min (-0.000) 6.12ug/L m

response 5700

Ion	Exp%	Act%
43.00	100	100
58.00	33.10	28.35
0.00	0.00	0.00
0.00	0.00	0.00

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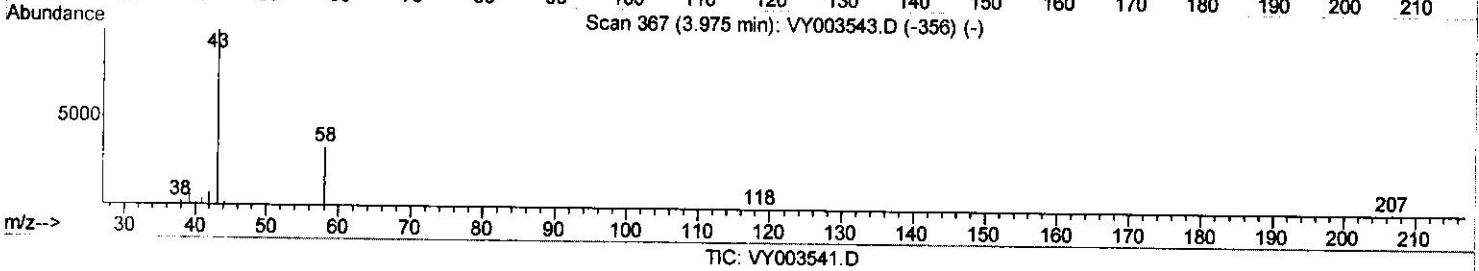
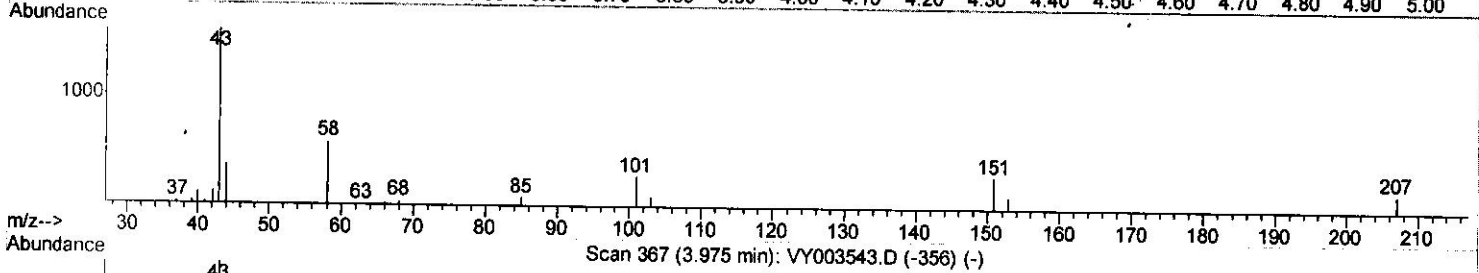
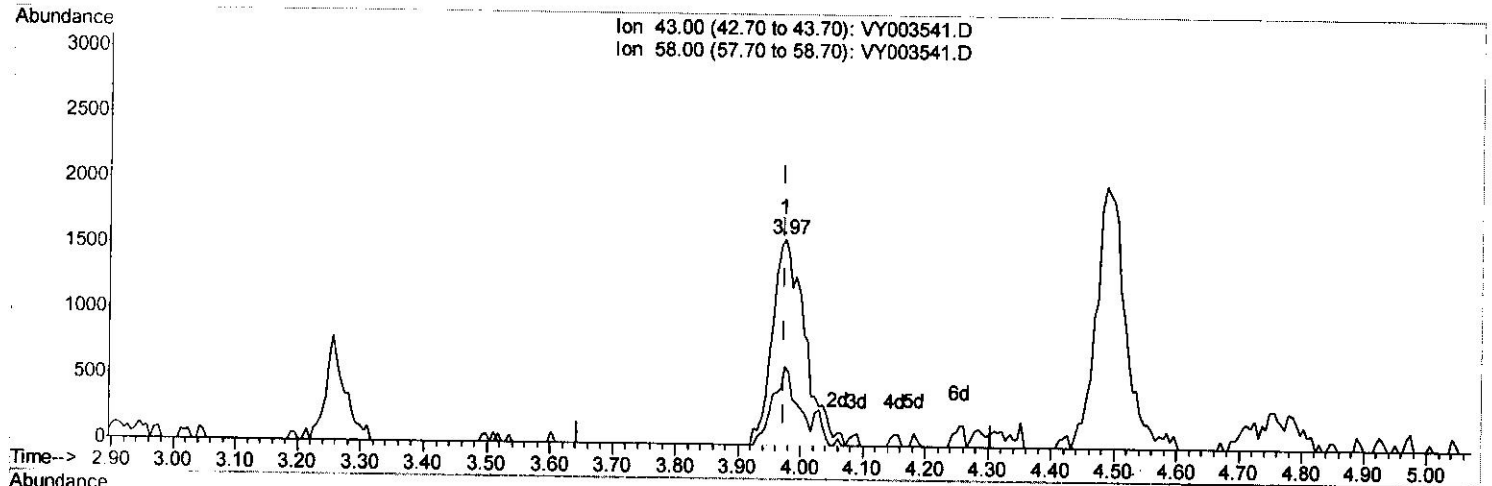
Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vvl11920\
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(13) Acetone (T)

3.974min (-0.000) 6.12ug/L m

MD
11/20/20

response 5700

Ion	Exp%	Act%
43.00	100	100
58.00	33.10	28.35
0.00	0.00	0.00
0.00	0.00	0.00

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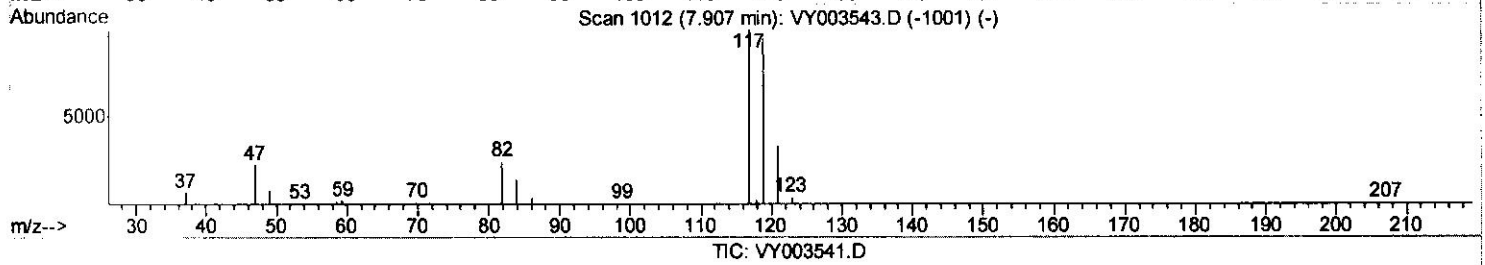
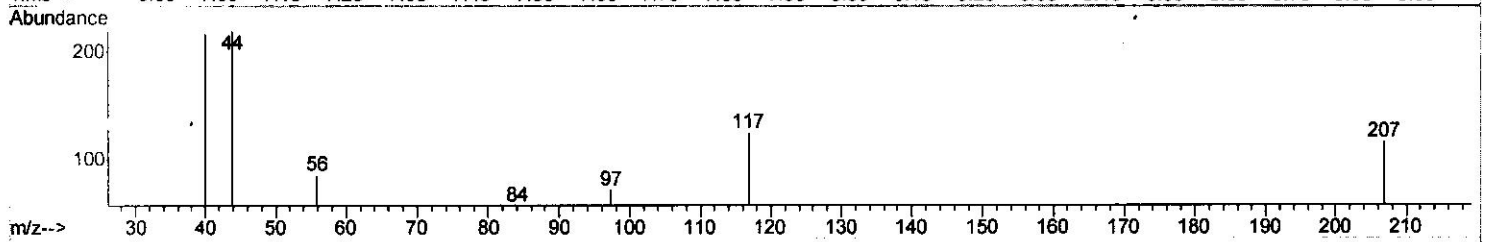
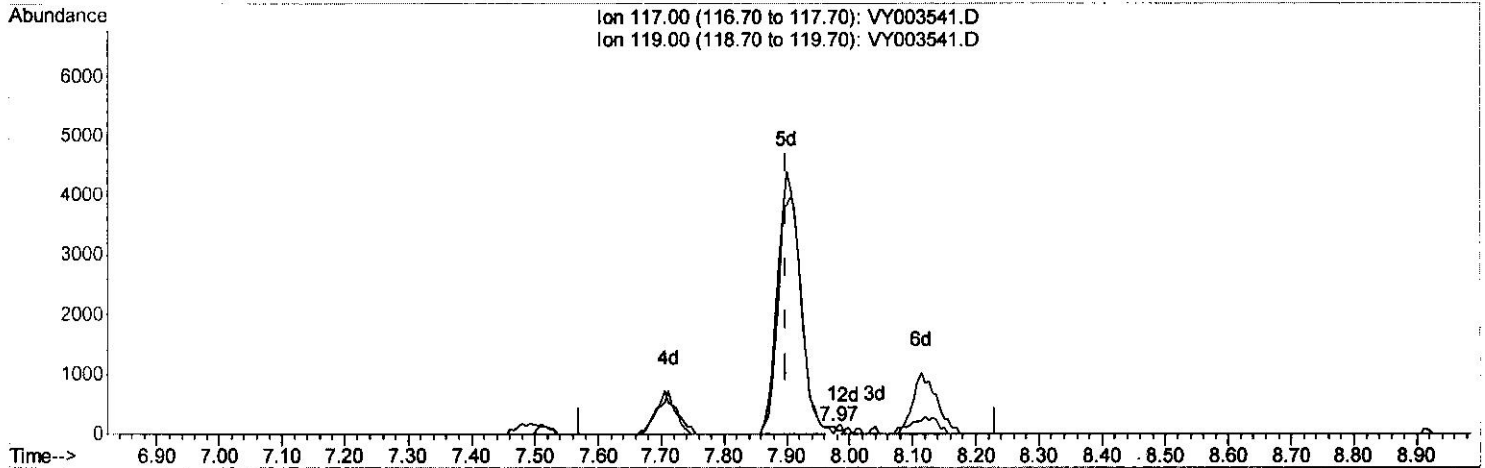
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(32) Carbon tetrachloride (T)

7.974min (+0.073) 0.03ug/L

response 131

Ion	Exp%	Act%
117.00	100	100
119.00	95.30	76.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

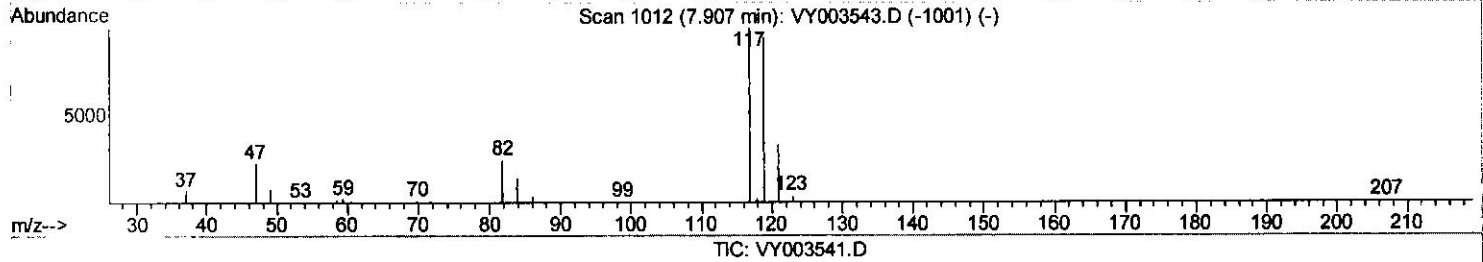
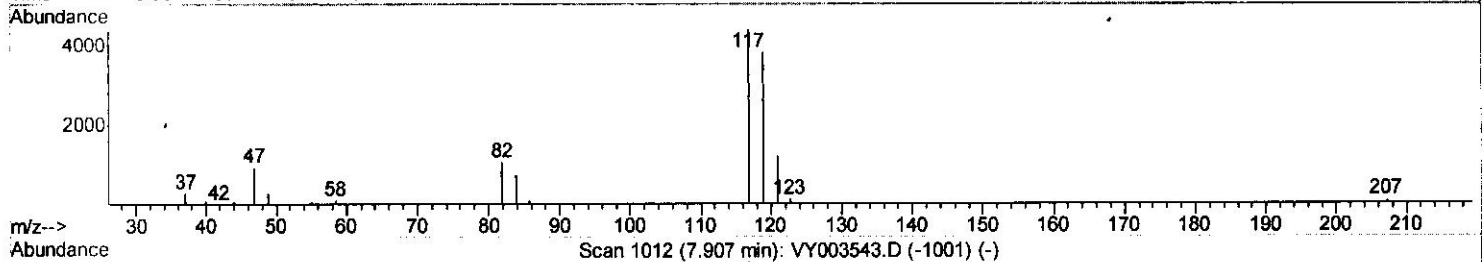
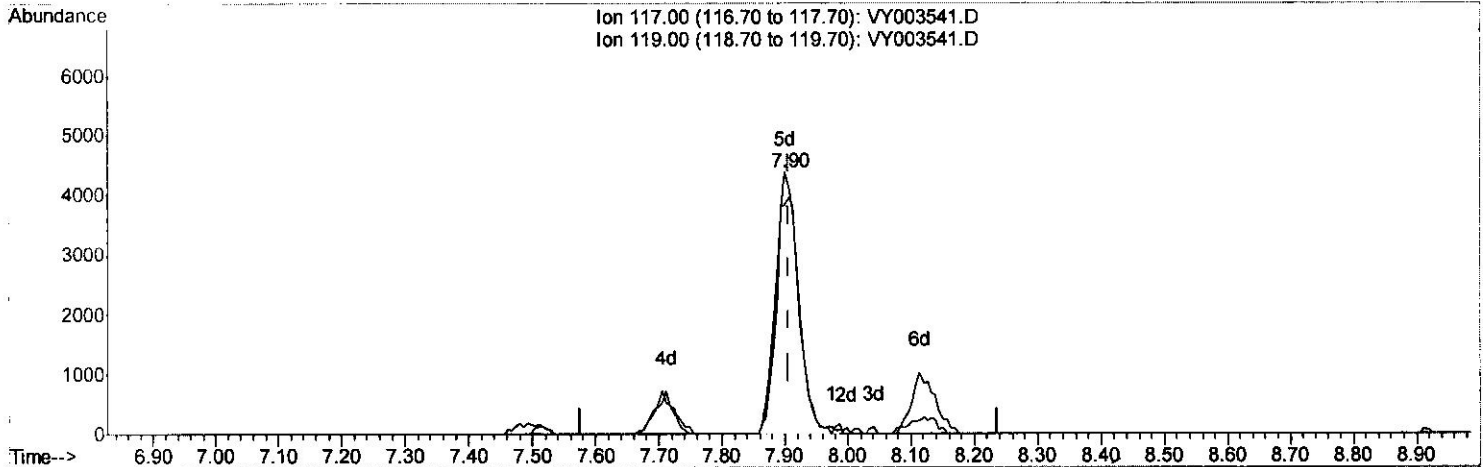
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 11/20/2020 10:22:30 AM



(32) Carbon tetrachloride (T)

7.901min (-0.006) 2.70ug/L m

m.d
11/20/20

response 11100

Ion	Exp%	Act%
117.00	100	100
119.00	95.30	0.90#
0.00	0.00	0.00
0.00	0.00	0.00

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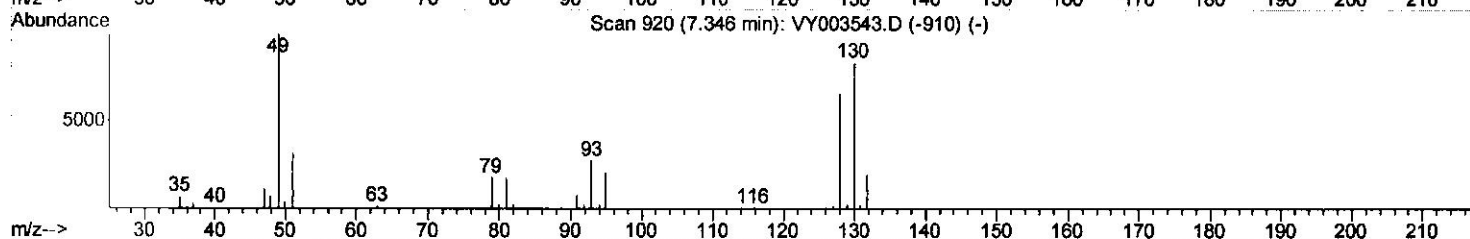
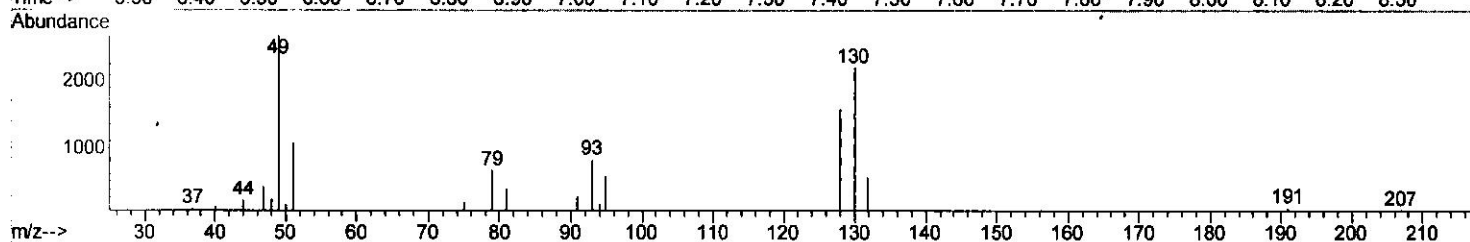
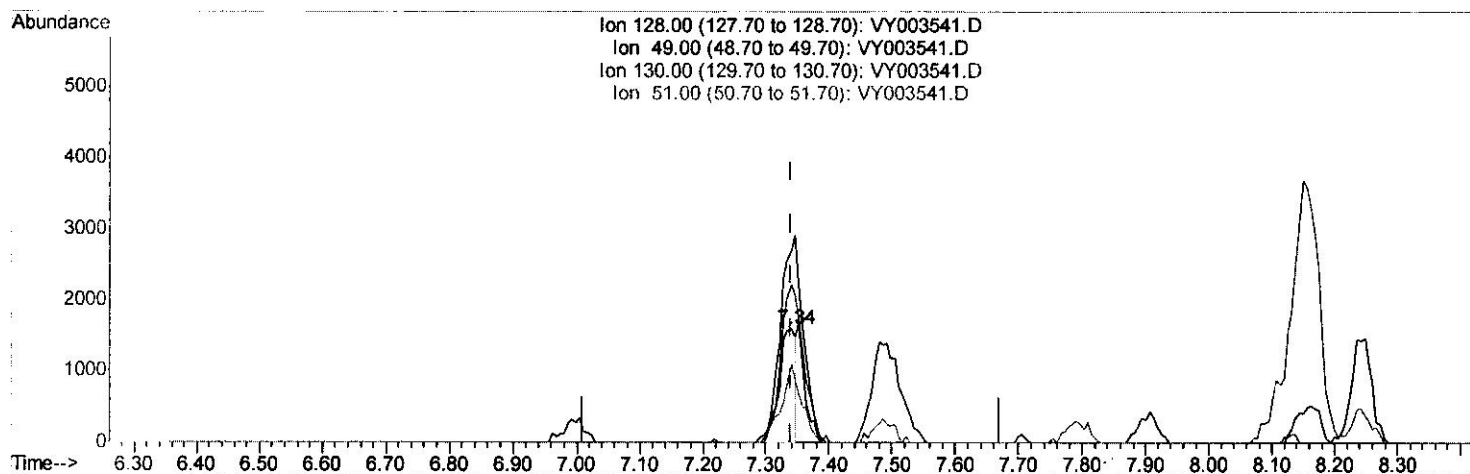
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TIC: VY003541.D

(23) Bromochloromethane (T)

7.340min (-0.000) 1.68ug/L

response 2835

Ion	Exp%	Act%
128.00	100	100
49.00	153.30	163.70
130.00	127.60	134.71
51.00	48.50	65.96#

Quantitation Report (Qedit)

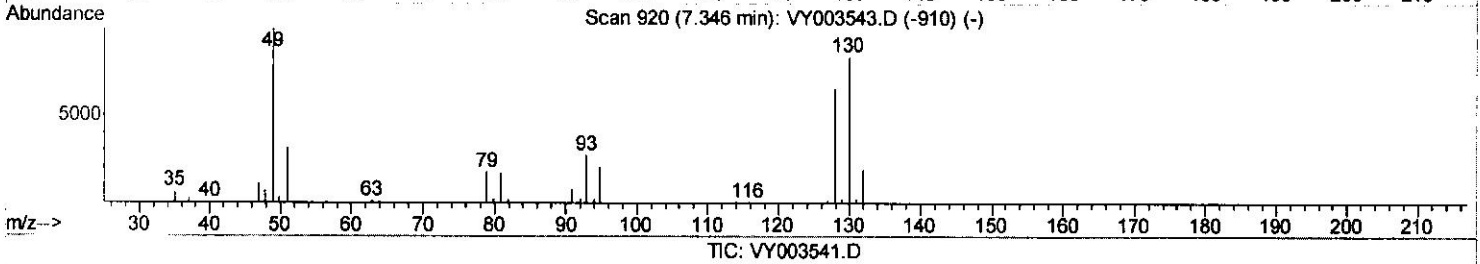
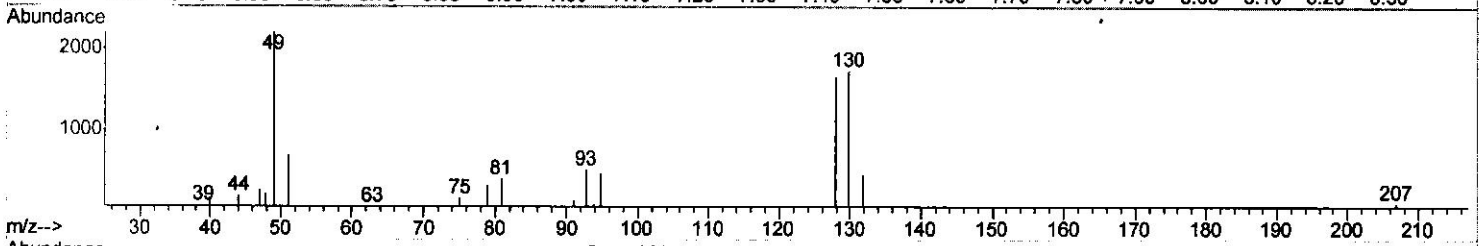
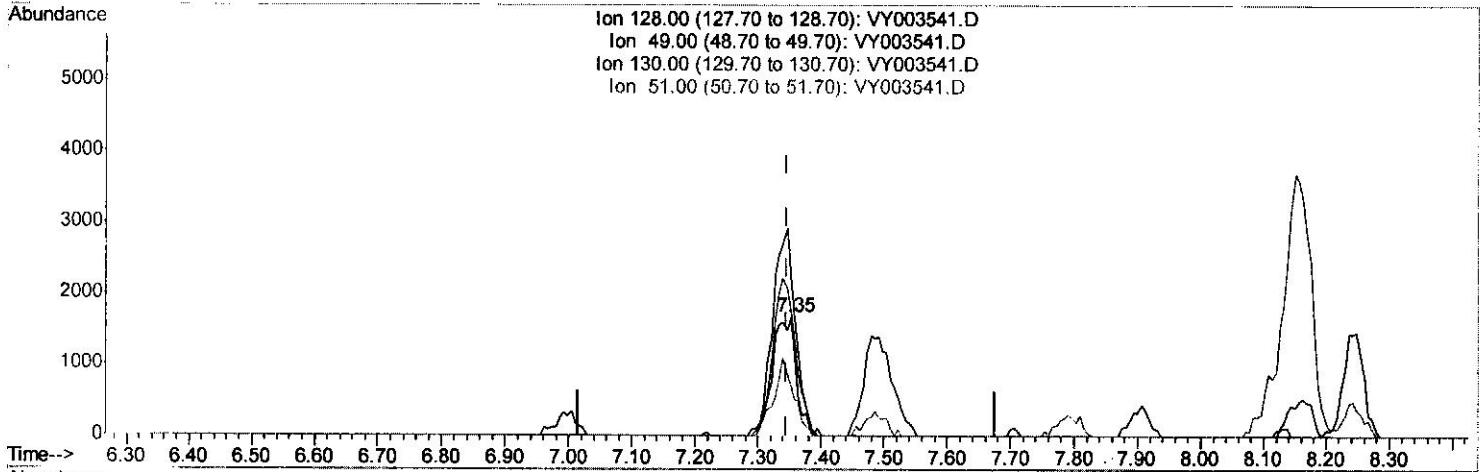
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(23) Bromochloromethane (T)

7.352min (+0.006) 2.53ug/L m

response 4345

Ion	Exp%	Act%
128.00	100	100
49.00	153.30	133.05
130.00	127.60	104.57
51.00	48.50	41.29

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
10 1,4-Difluorobenzene	8.69	114	232074	25.00	ug/L	0.00
28 1-Chlorobenzene-d5	11.49	117	207577	25.00	ug/L	0.00
60 1,4-Dichlorobenzene-d4	13.42	152	99497	25.00	ug/L	0.00

System Monitoring Compounds

4 Vinyl Chloride-d3	2.25	65	7726	3.92	ug/L	0.00
7 Chloroethane-d5	2.78	69	7442	3.26	ug/L	0.01
10 1,1-Dichloroethene-d2	3.86	63	18937	3.12	ug/L	0.00
20 2-Butanone-d5	6.91	46	6468	5.29	ug/L	0.00
24 Chloroform-d	7.49	84	16686	2.85	ug/L	0.00
26 1,2-Dichloroethane-d4	8.14	65	9717	2.95	ug/L	0.00
29 Benzene-d6	8.11	84	34476	2.87	ug/L	0.00
33 1,2-Dichloropropane-d6	9.12	67	9836	2.75	ug/L	0.00
37 Toluene-d8	10.18	98	29919	2.80	ug/L	0.00
38 trans-1,3-Dichloropropene	10.44	79	4884	2.80	ug/L	0.00
39 2-Hexanone-d5	10.79	63	4411	4.98	ug/L	0.00
48 1,1,2,2-Tetrachloroethane	12.56	84	8323	2.79	ug/L	0.00
61 1,2-Dichlorobenzene-d4	13.72	152	9131	2.90	ug/L	0.00

Target Compounds

					Qvalue
21 Dichlorodifluoromethane	1.92	85	2829m	2.191 ug/L	
31 Chloromethane	2.12	50	7039	2.682 ug/L	92
51 Vinyl chloride	2.26	62	7398	2.928 ug/L	100
61 Bromomethane	2.67	94	6084	2.625 ug/L	98
81 Chloroethane	2.82	64	5427m	2.689 ug/L	
91 Trichlorofluoromethane	3.13	101	7084	2.454 ug/L	97
111 1,1,2-Trichloro-1,2,2-trif	3.91	101	8465m	2.847 ug/L	
121 1,1-Dichloroethene	3.88	96	7991	2.501 ug/L	86
131 Acetone	3.97	43	5700m	6.118 ug/L	
141 Carbon disulfide	4.20	76	27566	2.675 ug/L	97
151 Methyl Acetate	4.49	43	6390	2.826 ug/L	97
161 Methylene chloride	4.72	84	13994	3.138 ug/L	96
171 Methyl tert-butyl Ether	5.22	73	12637	2.503 ug/L #	69
181 trans-1,2-Dichloroethene	5.23	96	8834	2.587 ug/L	95
191 1,1-Dichloroethane	6.03	63	14566	2.495 ug/L	98
211 2-Butanone	7.00	43	9115	6.014 ug/L	91
221 cis-1,2-Dichloroethene	6.99	96	8724	2.442 ug/L	94
231 Bromochloromethane	7.35	128	4345m	2.527 ug/L	
251 Chloroform	7.51	83	14794	2.586 ug/L	99
271 1,2-Dichloroethane	8.24	62	9785	2.529 ug/L #	93
301 Cyclohexane	7.78	56	12153	2.464 ug/L	95
311 1,1,1-Trichloroethane	7.71	97	11673	2.684 ug/L	98
321 Carbon tetrachloride	7.90	117	11100m	2.698 ug/L	
341 Benzene	8.16	78	34187	2.589 ug/L	100
351 Trichloroethene	8.94	95	8922	2.697 ug/L	95
361 Methylcyclohexane	9.18	83	12733	2.486 ug/L	99
401 1,2-Dichloropropane	9.22	63	8387	2.563 ug/L #	94
411 Bromodichloromethane	9.50	83	10450	2.492 ug/L #	96
421 cis-1,3-Dichloropropene	9.93	75	12259	2.383 ug/L	91
431 4-Methyl-2-pentanone	10.07	43	12864	4.627 ug/L	98

m.d
 11/20/20

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vvl11920\
 Data File : VY003541.D
 Acq On : 19 Nov 2020 11:25
 Operator : SY/MD
 Sample : VSTD2.582
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD2.582

Quant Time: Nov 19 12:31:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 12:23:20 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 10:22:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44 Toluene	10.24	91	34679	2.530	ug/L	96
45 trans-1,3-Dichloropropene	10.47	75	11661	2.485	ug/L	99
46 1,1,2-Trichloroethane	10.64	97	6452	2.456	ug/L	93
47 Tetrachloroethene	10.72	164	7380	2.530	ug/L	97
49 2-Hexanone	10.83	43	10172	4.939	ug/L	99
50 Dibromochloromethane	10.99	129	7827	2.530	ug/L	99
51 1,2-Dibromoethane	11.09	107	6412	2.458	ug/L	93
52 Chlorobenzene	11.52	112	22812	2.594	ug/L	97
53 Ethylbenzene	11.60	91	34638	2.487	ug/L	99
54 m,p-Xylene	11.70	106	13328	2.456	ug/L	98
55 o-xylene	12.03	106	10706	2.345	ug/L	97
56 Styrene	12.05	104	20405	2.302	ug/L	99
57 Isopropylbenzene	12.33	105	25254	2.510	ug/L	99
58 1,1,2,2-Tetrachloroethane	12.58	83	7975	2.718	ug/L #	96
59 1,2,3-Trichloropropane	12.63	75	6075	2.658	ug/L	98
62 Bromoform	12.20	173	5130	2.505	ug/L	98
63 1,3-Dichlorobenzene	13.36	146	16528	2.634	ug/L	93
64 1,4-Dichlorobenzene	13.44	146	17705	2.742	ug/L	94
65 1,2-Dichlorobenzene	13.73	146	13377	2.596	ug/L	95
66 1,2-Dibromo-3-chloropropan	14.36	75	1247	3.082	ug/L #	82
67 1,3,5-Trichlorobenzene	14.50	180	8710	2.654	ug/L	99
68 1,2,4-trichlorobenzene	15.00	180	7105	2.495	ug/L	99
69 Naphthalene	15.23	128	11834	2.346	ug/L	99
70 1,2,3-Trichlorobenzene	15.42	180	5473	2.538	ug/L	98

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