

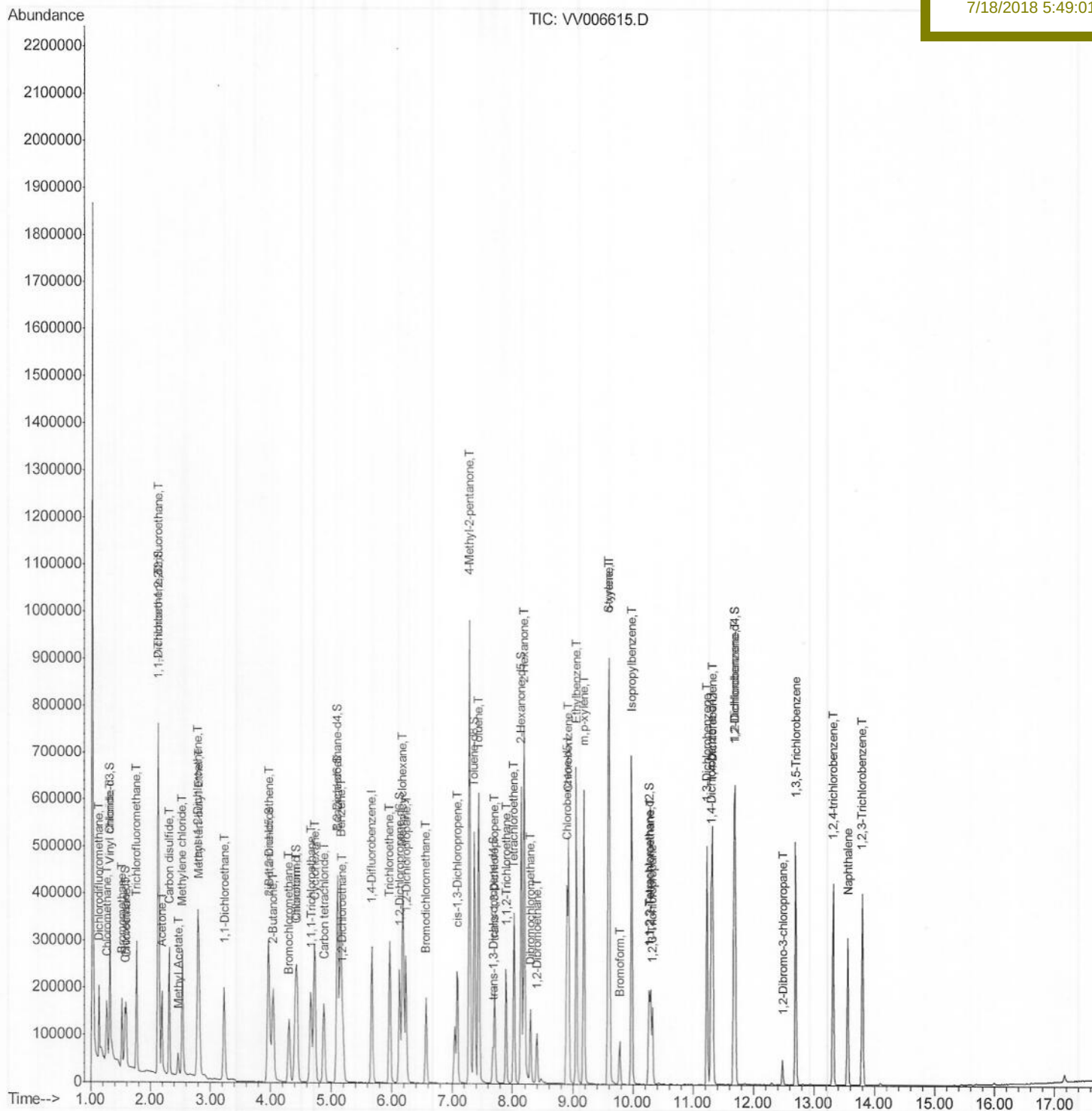
Quantitation Report (QT Reviewed)

ALS Vial : 1 Sample Multiplier: 1

Response via : Initial Calibration

VSTD00577

7/18/2018 5:49:01 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071718\
Quantitation Report (Qedit)

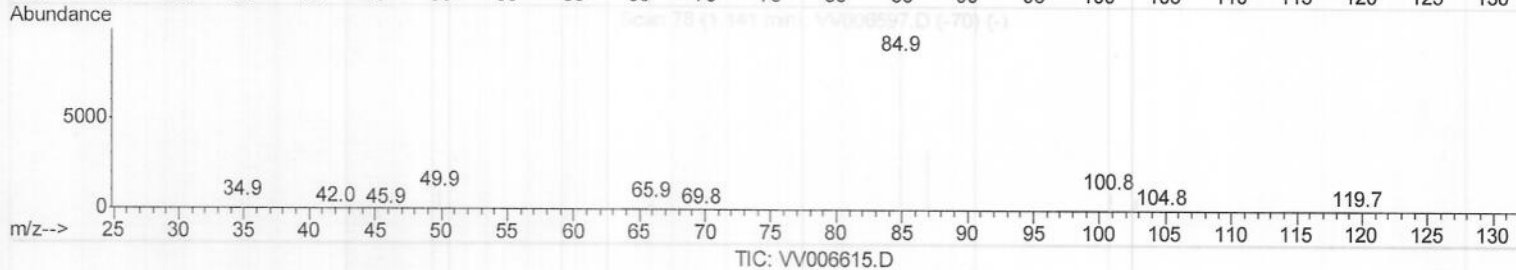
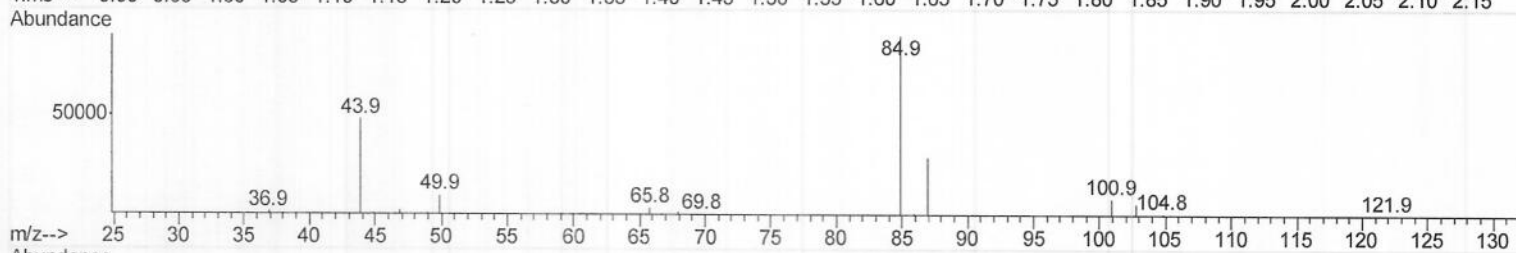
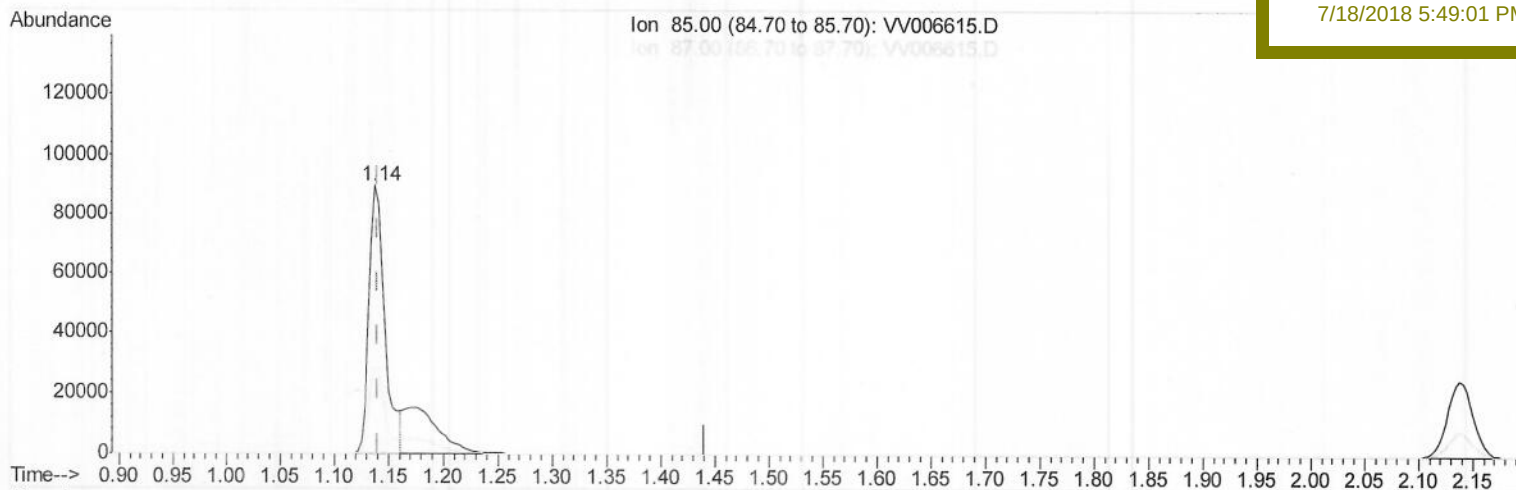
Data File : VV006615.D
Acq On : 17 Jul 2018 13:06
Operator : SY/MD
Sample : VSTD00577
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 13:39:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 12:39:28 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampled :
VSTD00577

Manual Integrations
APPROVED

MMDadoda
7/18/2018 5:49:01 PM



(2) Dichlorodifluoromethane (T)

1.138min (-0.003) 4.64ug/L

response 88643

Ion	Exp%	Act%
85.00	100	100
87.00	32.10	31.62
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071718\
Quantitation Report (Qedit)

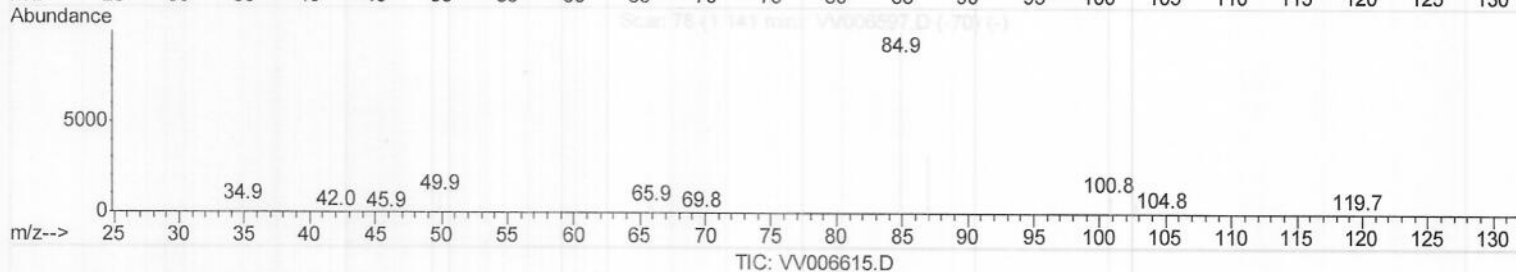
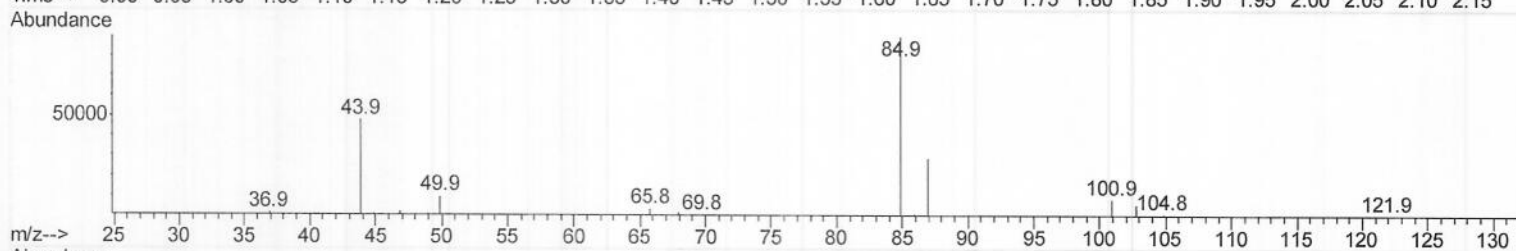
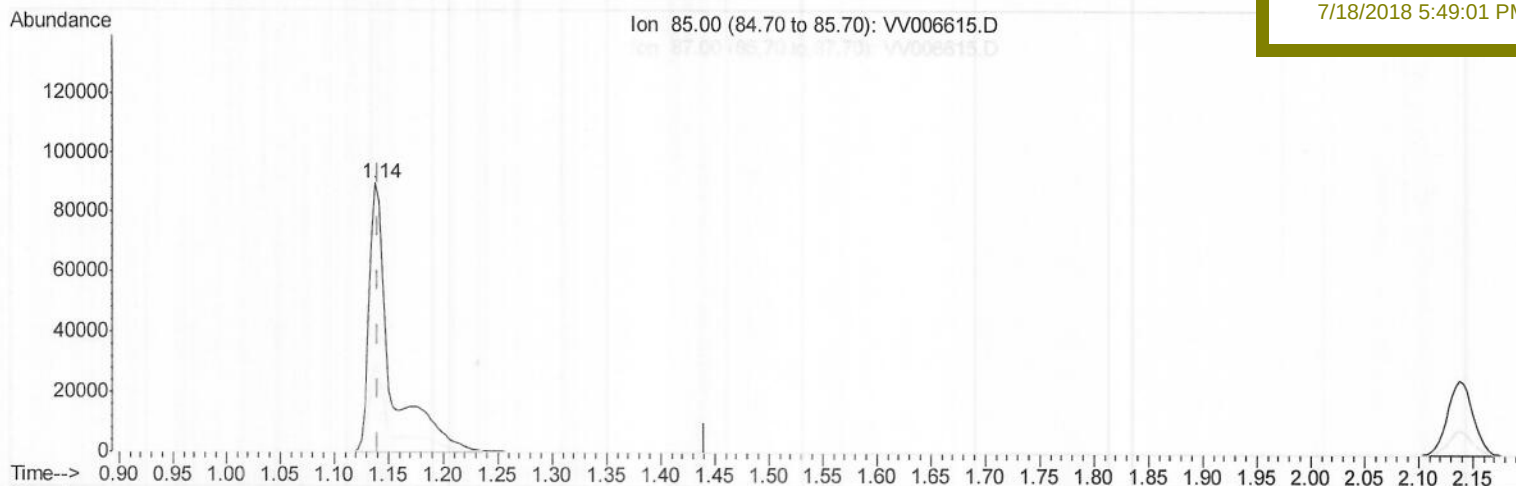
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Instrument :
MSVOA_V
ClientSampled :
VSTD00577

Manual Integrations
APPROVED

MMDadoda
7/18/2018 5:49:01 PM



(2) Dichlorodifluoromethane (T)

1.138min (-0.003) 6.42ug/L m) MD
response 122617 07/28/18

Ion	Exp%	Act%
85.00	100	100
87.00	32.10	22.86#
0.00	0.00	0.00
0.00	0.00	0.00

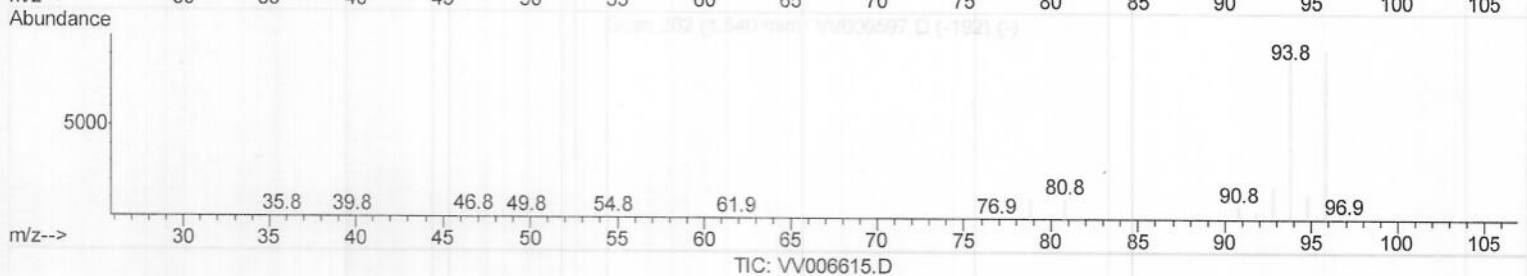
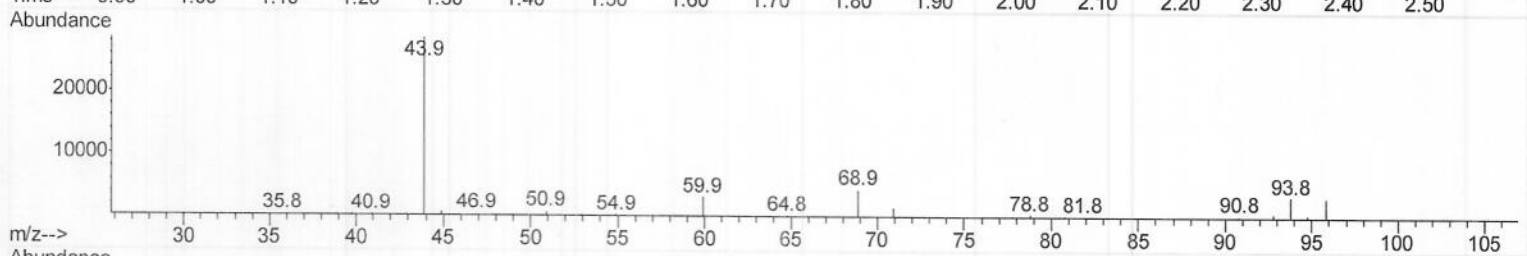
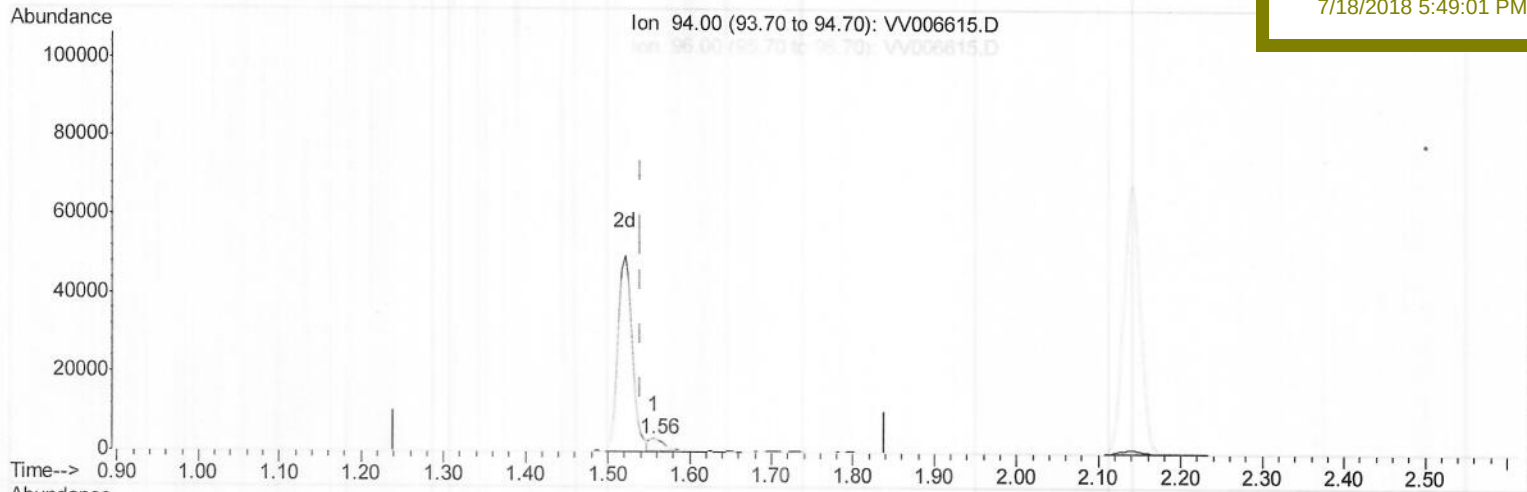
Data File : VV006615.D
Acq On : 17 Jul 2018 13:06
Operator : SY/MD
Sample : VSTD00577
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 13:39:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 12:39:28 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD00577

Manual Integrations
APPROVED

MMDadoda
7/18/2018 5:49:01 PM



(6) Bromomethane (T)

1.556min (+0.016) 0.43ug/L

response 4367

Ion	Exp%	Act%
94.00	100	100
96.00	93.90	97.96
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071718\
Quantitation Report (Qedit)

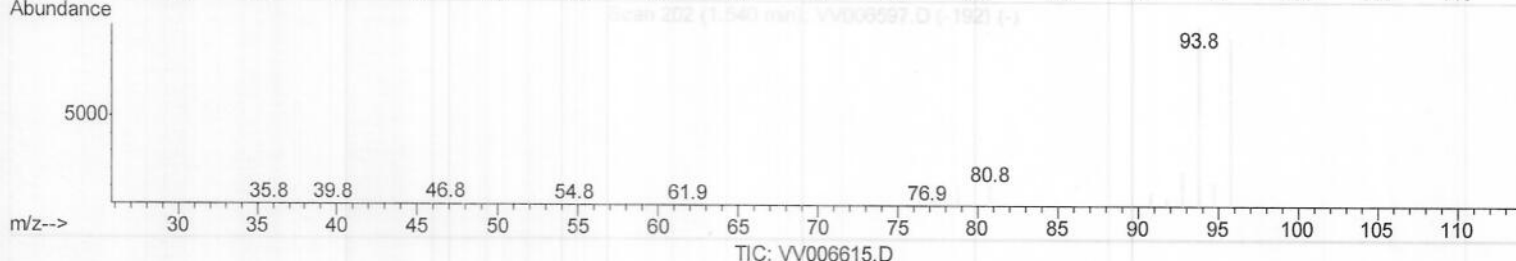
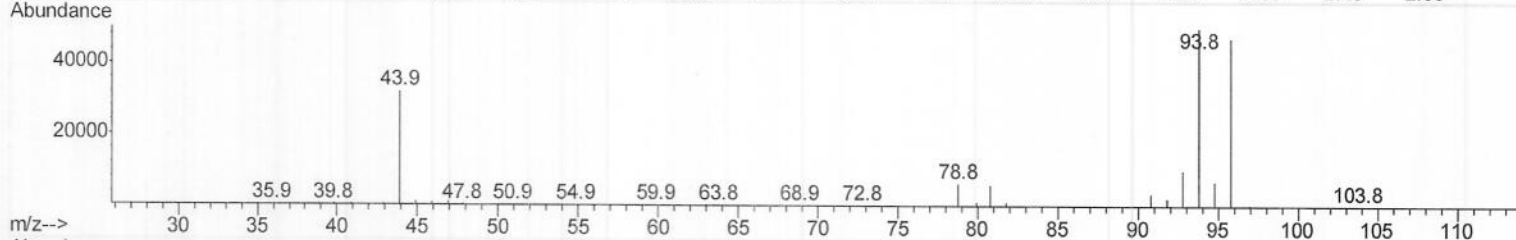
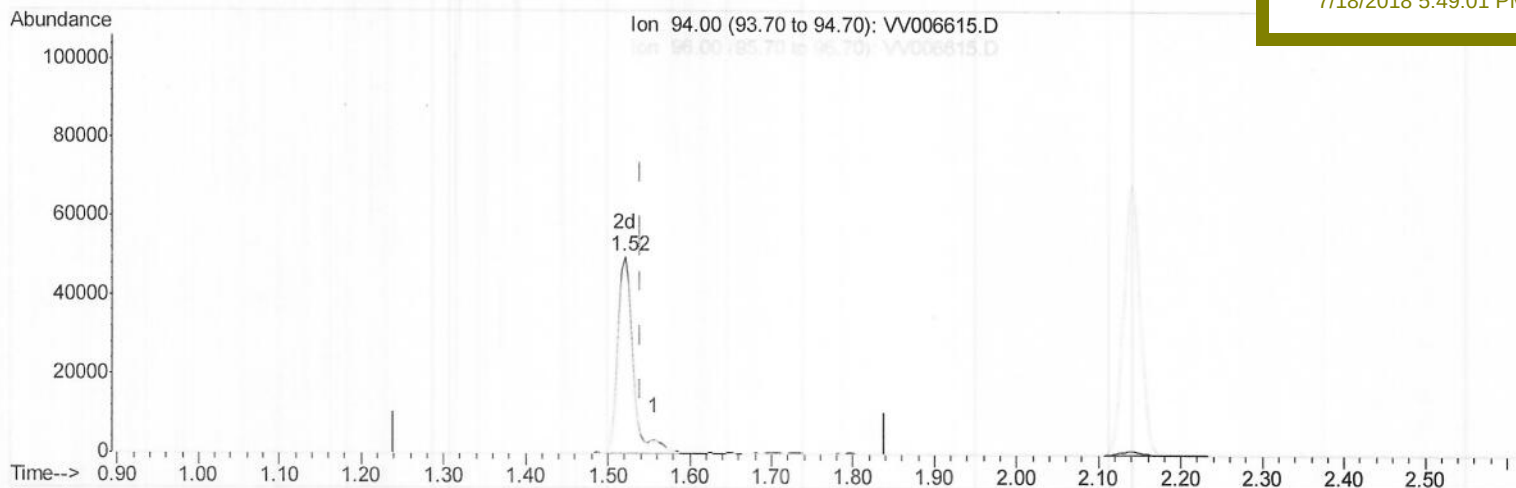
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Operator : SY/MD
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Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00577

Quant Time: Jul 17 13:39:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 12:39:28 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
7/18/2018 5:49:01 PM



(6) Bromomethane (T)

1.520min (-0.019) 6.26ug/L m

response 62912

MD
07/28/18

Ion	Exp%	Act%
94.00	100	100
96.00	93.90	94.57
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VV006615.D

Acq On : 17 Jul 2018 13:06

Operator : SY/MD

Sample : VSTD00577

Misc : 25 mL/MSVOA_V/WATER

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 13:42:09 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Jul 17 12:39:28 2018

Response via : Initial Calibration

Instrument :

MSVOA_V

Client Sampled :

VSTD00577

Manual Integrations

APPROVED

MMDadoda

7/18/2018 5:49:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243551	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	114742	8.67	ug/L	0.00
7) Chloroethane-d5	1.57	69	82880	7.17	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.13	63	195701	7.94	ug/L	0.00
20) 2-Butanone-d5	3.96	46	147203	43.77	ug/L	0.00
24) Chloroform-d	4.41	84	181566	6.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	88484	7.31	ug/L	0.00
32) Benzene-d6	5.10	84	378646	7.31	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	117143	6.98	ug/L	0.00
41) Toluene-d8	7.36	98	354259	7.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	40969	7.20	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	224018	77.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	92851	7.03	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	124910	6.73	ug/L	0.00

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.14	85	122617m	6.419	ug/L	
3) Chloromethane	1.27	50	136076	5.825	ug/L	99
5) Vinyl chloride	1.32	62	145380	6.705	ug/L	99
6) Bromomethane	1.52	94	62912m	6.260	ug/L	
8) Chloroethane	1.59	64	78099	5.934	ug/L	100
9) Trichlorofluoromethane	1.76	101	159459	6.536	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	96531	6.405	ug/L	98
12) 1,1-Dichloroethene	2.14	96	96525	6.330	ug/L	96
13) Acetone	2.19	43	153636	72.226	ug/L	96
14) Carbon disulfide	2.32	76	296346	6.498	ug/L	100
15) Methyl Acetate	2.46	43	45173	7.214	ug/L	96
16) Methylene chloride	2.54	84	109375	6.361	ug/L	95
17) Methyl tert-butyl Ether	2.81	73	245338	6.792	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	106725	6.415	ug/L	98
19) 1,1-Dichloroethane	3.23	63	198907	6.889	ug/L	99
21) 2-Butanone	4.04	43	281257	80.586	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	111456	6.236	ug/L	97
23) Bromochloromethane	4.30	128	46481	6.349	ug/L	94
25) Chloroform	4.43	83	184171	6.413	ug/L	100
27) 1,2-Dichloroethane	5.19	62	109212	6.696	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	149502	6.290	ug/L	99
30) Cyclohexane	4.72	56	159117	6.291	ug/L	96
31) Carbon tetrachloride	4.88	117	124035	6.237	ug/L	99
33) Benzene	5.15	78	430907	6.364	ug/L	100
34) Trichloroethene	5.96	95	104660	6.026	ug/L	99
35) Methylcyclohexane	6.18	83	169319	6.054	ug/L	98
37) 1,2-Dichloropropane	6.23	63	107942	6.518	ug/L	100
38) Bromodichloromethane	6.56	83	120466	6.451	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	143696	6.464	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	635198	75.667	ug/L	95

MD
07/28/18

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VSTD00577

Manual Integrations

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MMDadoda

7/18/2018 5:49:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	445858	6.331	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	112001	6.527	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	74815	6.456	ug/L	97
47) Tetrachloroethene	8.02	164	85416	5.981	ug/L	98
48) 2-Hexanone	8.19	43	453583	76.202	ug/L	97
49) Dibromochloromethane	8.30	129	77476	6.411	ug/L	99
50) 1,2-Dibromoethane	8.40	107	67616	6.410	ug/L	97
51) Chlorobenzene	8.93	112	283702	6.158	ug/L	99
52) Ethylbenzene	9.06	91	469224	6.271	ug/L	99
53) m,p-xylene	9.19	106	181208	6.285	ug/L	97
54) o-xylene	9.59	106	177161	6.278	ug/L	97
55) Styrene	9.61	104	308005	6.491	ug/L	99
56) Isopropylbenzene	9.98	105	454154	6.275	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	92659	6.777	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	67113	6.810	ug/L	99
61) Bromoform	9.78	173	39620	6.413	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	209220	6.151	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	211164	6.107	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	207360	6.311	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	12735	7.253	ug/L	88
67) 1,3,5-Trichlorobenzene	12.70	180	161888	6.007	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	132308	6.171	ug/L	100
69) Naphthalene	13.56	128	246039	6.758	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	127214	6.329	ug/L	100

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