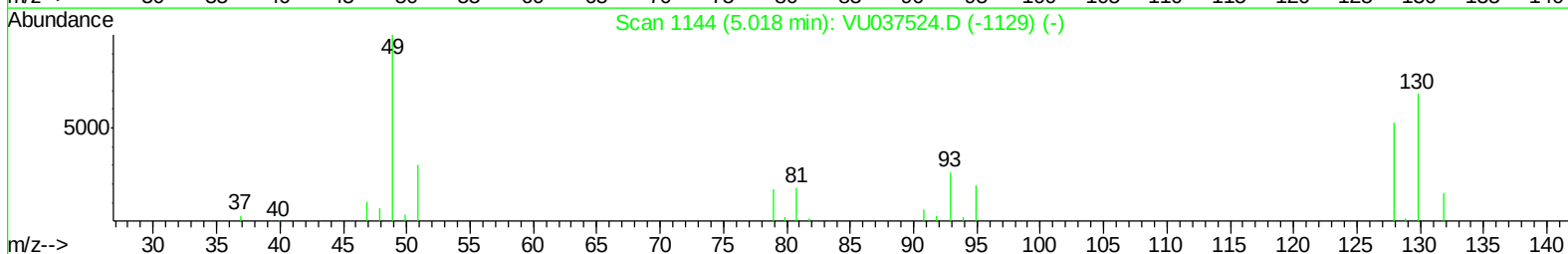
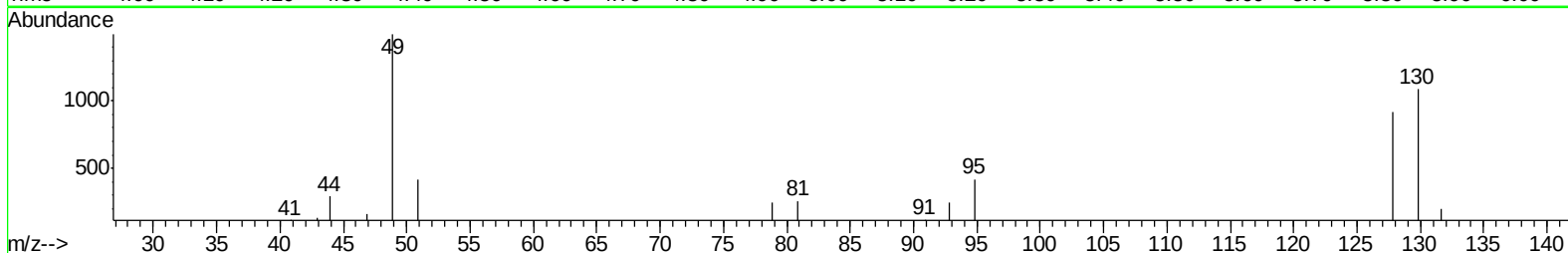
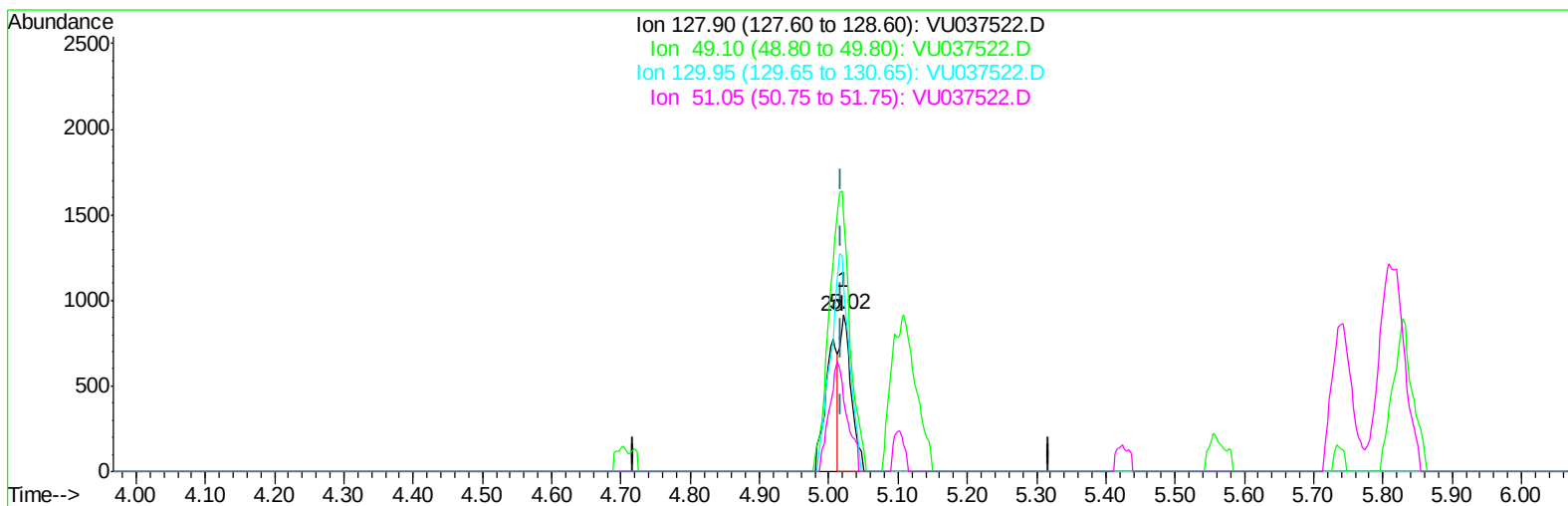


Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040120\
Data File : VU037522.D
Acq On : 01 Apr 2020 13:49
Operator : JC/MD
Sample : VSTD0.504
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 01 15:06:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 01 15:03:37 2020
Response via : Initial Calibration



TIC: VU037522.D

(23) Bromochloromethane (T)

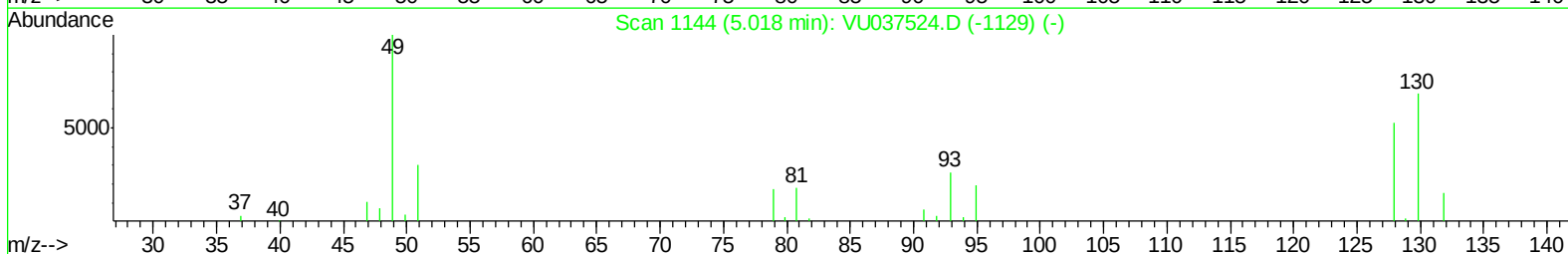
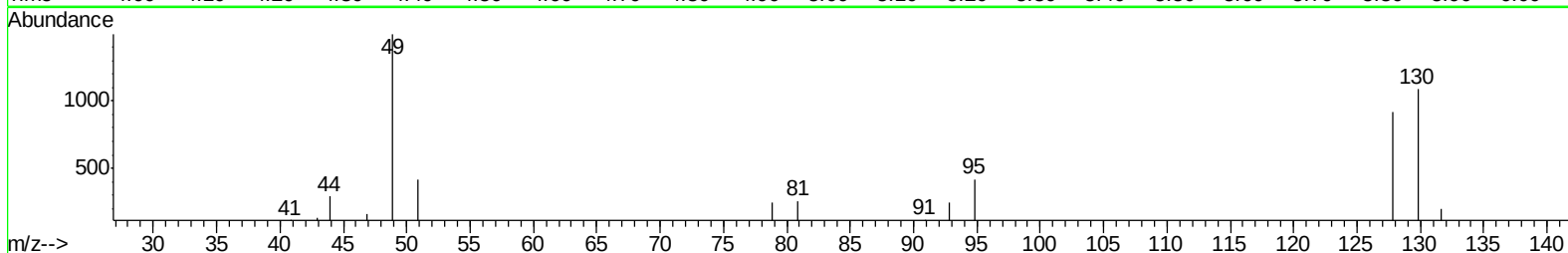
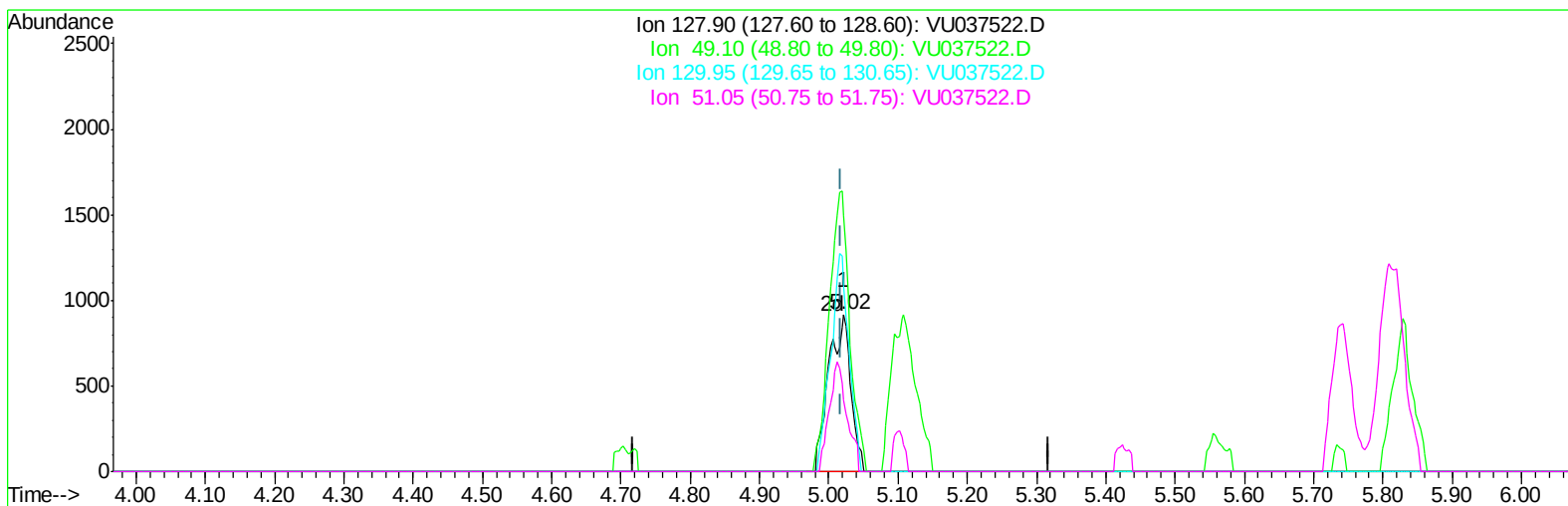
5.022min (+0.003) 0.34ug/L

response 1089

Ion	Exp%	Act%
127.90	100	100
49.10	191.00	163.03
129.95	129.40	118.54
51.05	56.50	45.26

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040120\
Data File : VU037522.D
Acq On : 01 Apr 2020 13:49
Operator : JC/MD
Sample : VSTD0.504
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 01 15:06:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 01 15:03:37 2020
Response via : Initial Calibration



TIC: VU037522.D

(23) Bromochloromethane (T)

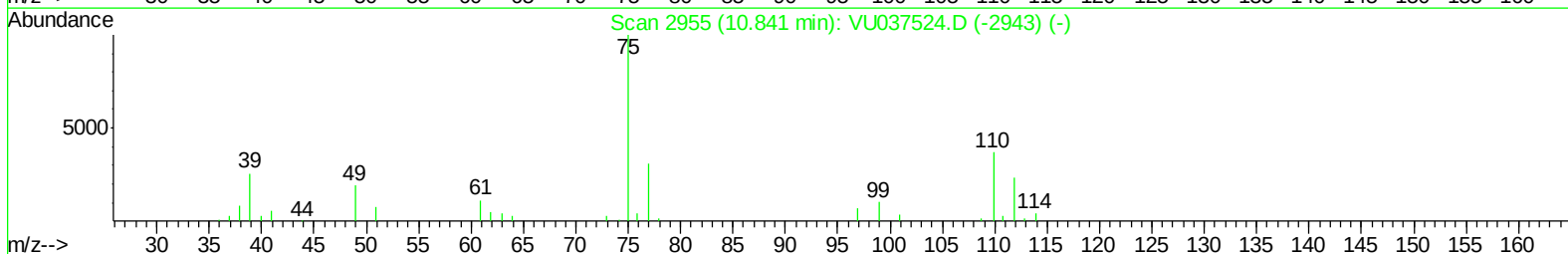
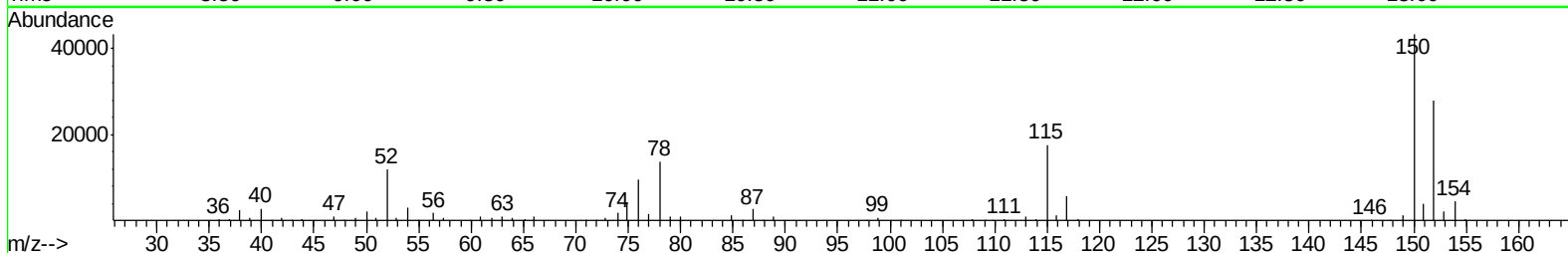
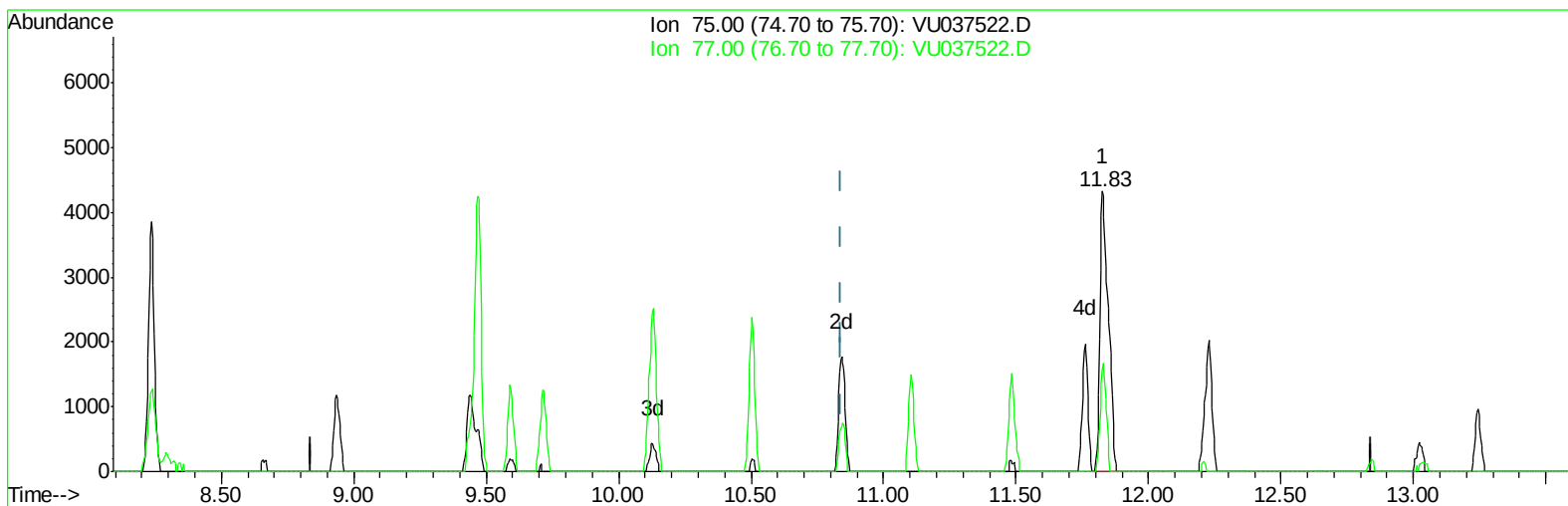
5.022min (+0.003) 0.64ug/L m

response 2044

Ion	Exp%	Act%
127.90	100	100
49.10	191.00	163.03
129.95	129.40	118.54
51.05	56.50	45.26

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040120\
Data File : VU037522.D
Acq On : 01 Apr 2020 13:49
Operator : JC/MD
Sample : VSTD0.504
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 01 15:06:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 01 15:03:37 2020
Response via : Initial Calibration



TIC: VU037522.D

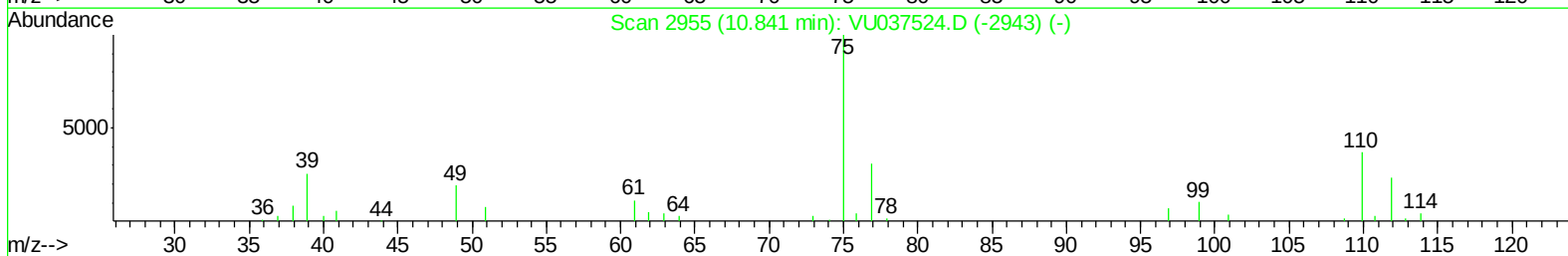
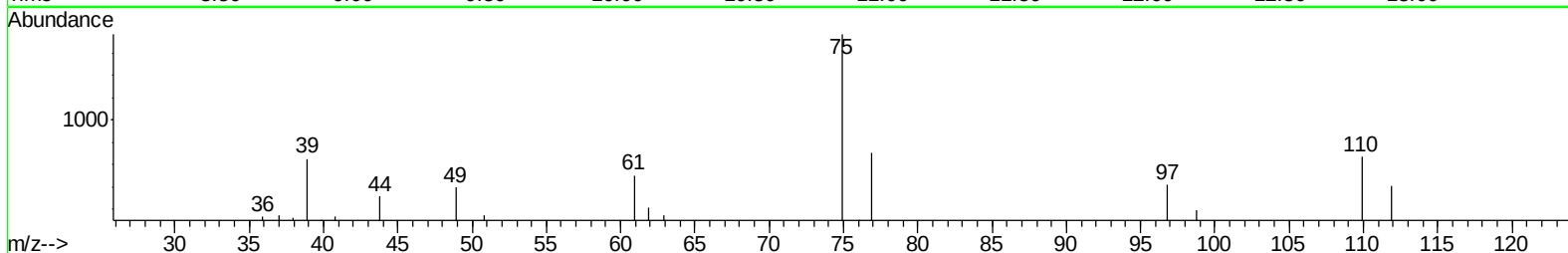
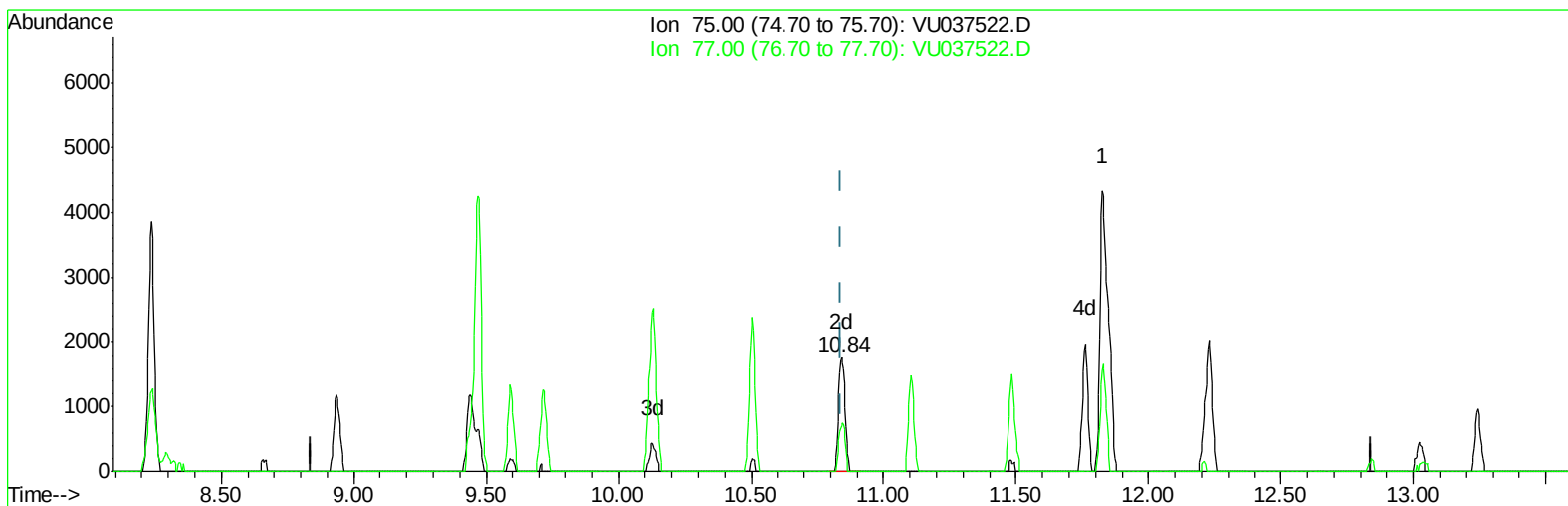
(59) 1,2,3-Trichloropropane
11.825min (+0.984) 1.81ug/L

response 9496

Ion	Exp%	Act%
75.00	100	100
77.00	32.20	28.01
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU040120\
 Data File : VU037522.D
 Acq On : 01 Apr 2020 13:49
 Operator : JC/MD
 Sample : VSTD0.504
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 01 15:06:31 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 15:03:37 2020
 Response via : Initial Calibration



TIC: VU037522.D

(59) 1,2,3-Trichloropropane

10.841min (+0.000) 0.55ug/L m

response 2881

Ion	Exp%	Act%
75.00	100	100
77.00	32.20	92.33#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040120\
 Data File : VU037522.D
 Acq On : 01 Apr 2020 13:49
 Operator : JC/MD
 Sample : VSTD0.504
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 01 15:10:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 15:03:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	98656	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	92521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46071	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	4659	0.64	ug/L	0.00
7) Chloroethane-d5	1.93	69	3763	0.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	8191	0.58	ug/L	0.00
20) 2-Butanone-d5	4.68	46	12374	5.58	ug/L	0.00
24) Chloroform-d	5.10	84	7696	0.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	4590	0.59	ug/L	0.00
32) Benzene-d6	5.76	84	15878	0.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	5092	0.57	ug/L	0.00
41) Toluene-d8	7.92	98	14423	0.58	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	2260	0.57	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	11032	5.95	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	4035	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	5776	0.65	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	4401	0.58	ug/L	96
3) Chloromethane	1.53	50	4410	0.58	ug/L	98
5) Vinyl chloride	1.62	62	4251	0.52	ug/L	97
6) Bromomethane	1.88	94	2054	0.50	ug/L	84
8) Chloroethane	1.95	64	2929	0.64	ug/L	92
9) Trichlorofluoromethane	2.16	101	6832	0.60	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4062	0.61	ug/L	97
12) 1,1-Dichloroethene	2.60	96	3693	0.56	ug/L	88
13) Acetone	2.68	43	8344	6.67	ug/L	93
14) Carbon disulfide	2.82	76	12025	0.55	ug/L	96
15) Methyl Acetate	2.99	43	2678	0.77	ug/L #	78
16) Methylene chloride	3.08	84	4449	0.60	ug/L	92
17) Methyl tert-butyl Ether	3.41	73	10374	0.57	ug/L	93
18) trans-1,2-Dichloroethene	3.39	96	4058	0.58	ug/L	97
19) 1,1-Dichloroethane	3.91	63	7649	0.58	ug/L	97
21) 2-Butanone	4.76	43	13722	6.20	ug/L	98
22) cis-1,2-Dichloroethene	4.70	96	4173	0.54	ug/L	96
23) Bromochloromethane	5.02	128	2044m	0.64	ug/L	
25) Chloroform	5.12	83	7842	0.59	ug/L	100
27) 1,2-Dichloroethane	5.83	62	4962	0.55	ug/L #	95
29) 1,1,1-Trichloroethane	5.36	97	6856	0.58	ug/L	98
30) Cyclohexane	5.42	56	7636	0.60	ug/L	96
31) Carbon tetrachloride	5.56	117	5144	0.53	ug/L	92
33) Benzene	5.81	78	16656	0.58	ug/L	100
34) Trichloroethene	6.58	95	4485	0.59	ug/L	93
35) Methylcyclohexane	6.79	83	7375	0.58	ug/L	97
37) 1,2-Dichloropropane	6.82	63	4537	0.59	ug/L #	97
38) Bromodichloromethane	7.14	83	5616	0.56	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	6783	0.57	ug/L	92
40) 4-Methyl-2-pentanone	7.82	43	31151	5.52	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040120\
 Data File : VU037522.D
 Acq On : 01 Apr 2020 13:49
 Operator : JC/MD
 Sample : VSTD0.504
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 01 15:10:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 15:03:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	8.00	91	17142	0.56	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	5822	0.55	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	3129	0.57	ug/L	94
47) Tetrachloroethene	8.57	164	2700	0.53	ug/L	90
48) 2-Hexanone	8.71	43	22592	5.55	ug/L	98
49) Dibromochloromethane	8.84	129	3479	0.53	ug/L	89
50) 1,2-Dibromoethane	8.95	107	2867	0.53	ug/L #	80
51) Chlorobenzene	9.47	112	10607	0.56	ug/L	98
52) Ethylbenzene	9.59	91	19711	0.56	ug/L	99
53) m,p-Xylene	9.71	106	7644	0.58	ug/L	89
54) o-Xylene	10.12	106	7008	0.56	ug/L	89
55) Styrene	10.13	104	12014	0.55	ug/L	92
56) Isopropylbenzene	10.50	105	19840	0.59	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.80	83	4205	0.57	ug/L #	97
59) 1,2,3-Trichloropropane	10.84	75	2881m	0.55	ug/L	
61) Bromoform	10.31	173	2118	0.55	ug/L #	92
62) 1,3-Dichlorobenzene	11.76	146	8490	0.55	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	8716	0.56	ug/L	94
65) 1,2-Dichlorobenzene	12.23	146	8681	0.61	ug/L	94
66) 1,2-Dibromo-3-chloropropan	13.02	75	731	0.49	ug/L #	83
67) 1,3,5-Trichlorobenzene	13.25	180	6182	0.58	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	5117	0.49	ug/L	93
69) Naphthalene	14.12	128	12654	0.54	ug/L	97
70) 1,2,3-Trichlorobenzene	14.37	180	4945	0.55	ug/L	98

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

