

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (QT Reviewed)

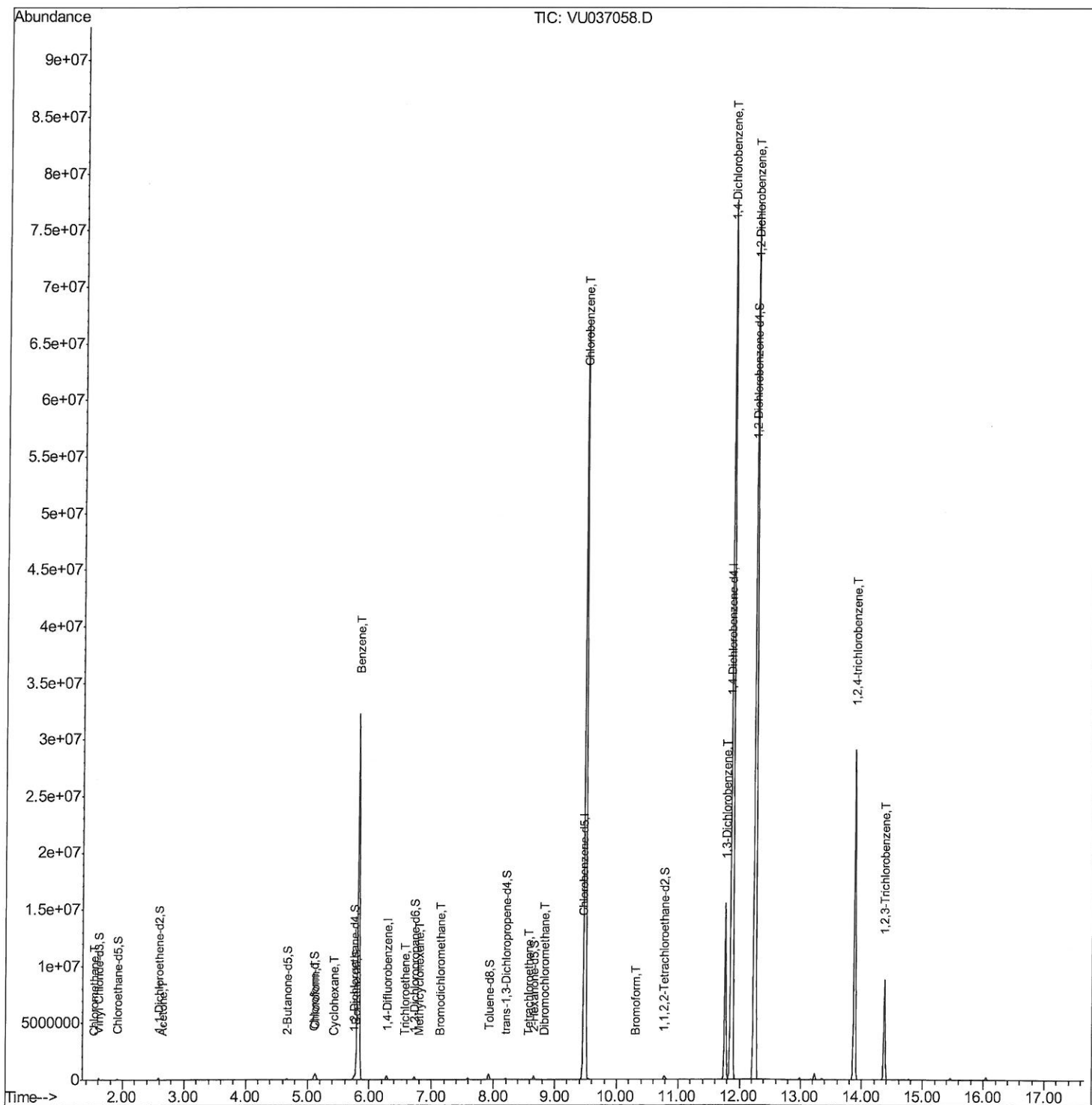
Data File : VU037058.D
Acq On : 04 Mar 2020 23:41
Operator : JC/MD
Sample : L1780-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DF9

Manual Integrations
APPROVED

sam
3/5/2020 3:34:39 PM

Quant Time: Mar 05 03:41:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
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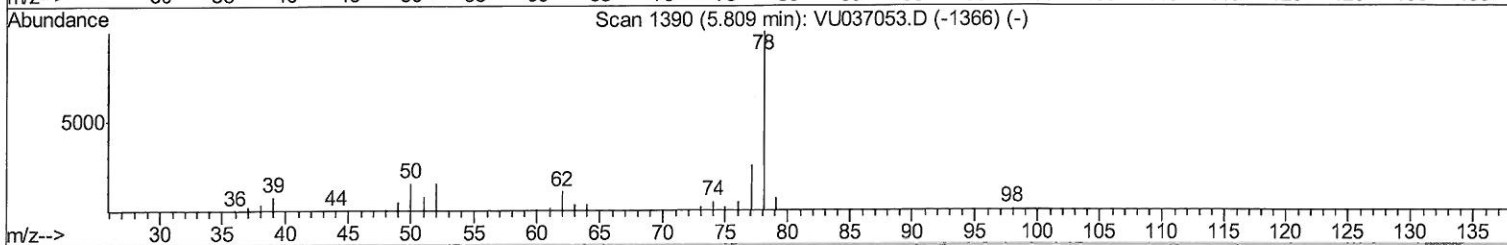
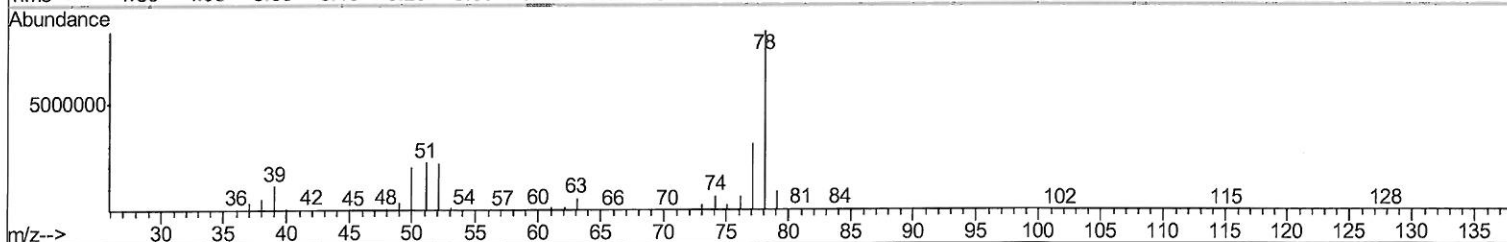
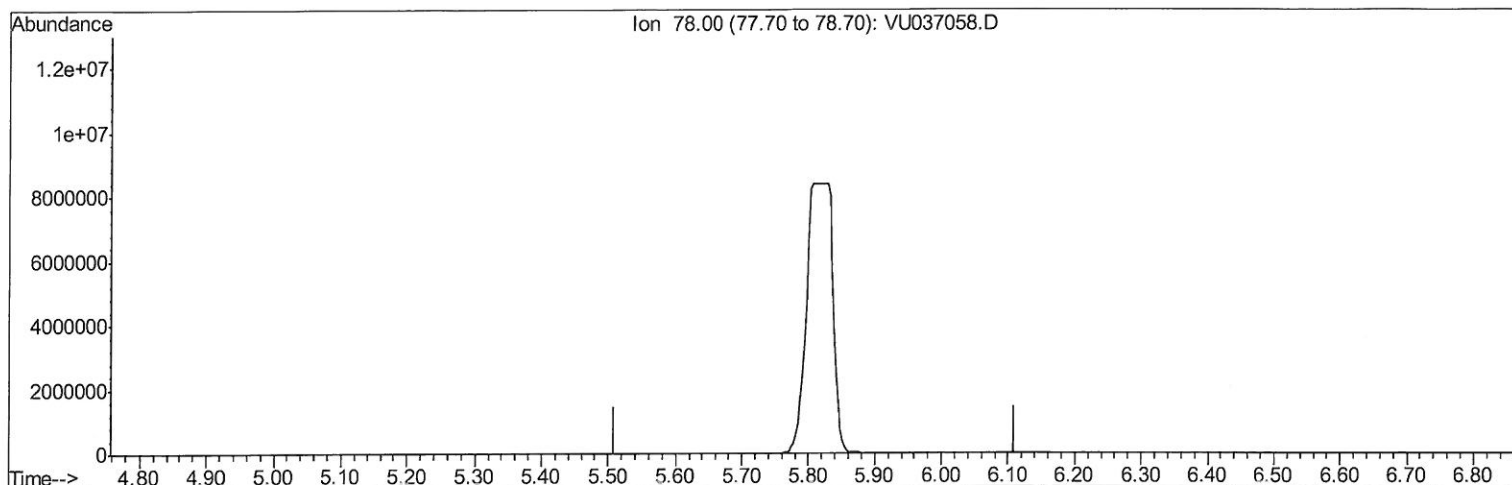
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(33) Benzene (T)

5.809min (-5.809) 0.00ug/L

response 0

Ion	Exp%	Act%
78.00	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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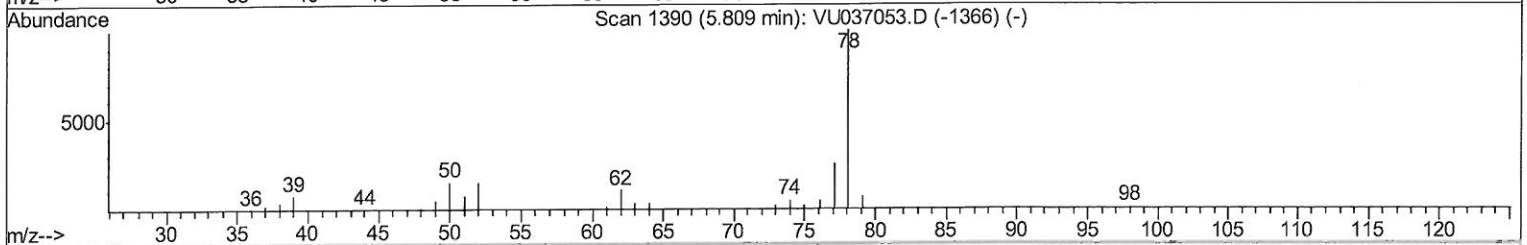
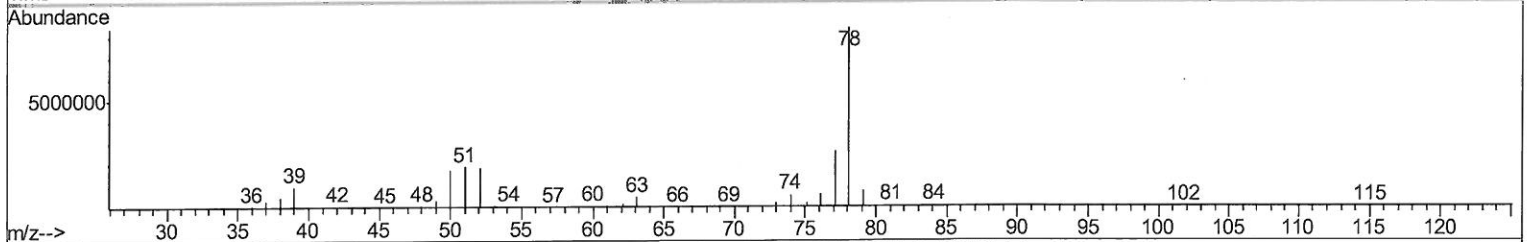
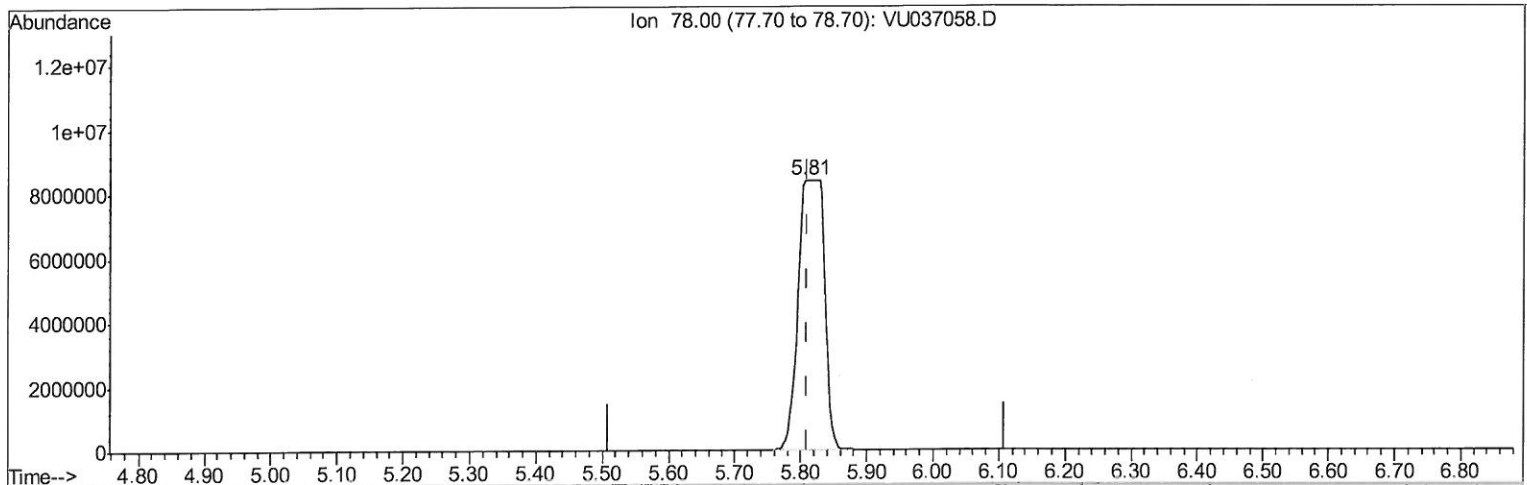
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TIC: VU037058.D

(33) Benzene (T)

5.806min (-0.003) 2636.97ug/L m

response 23003086

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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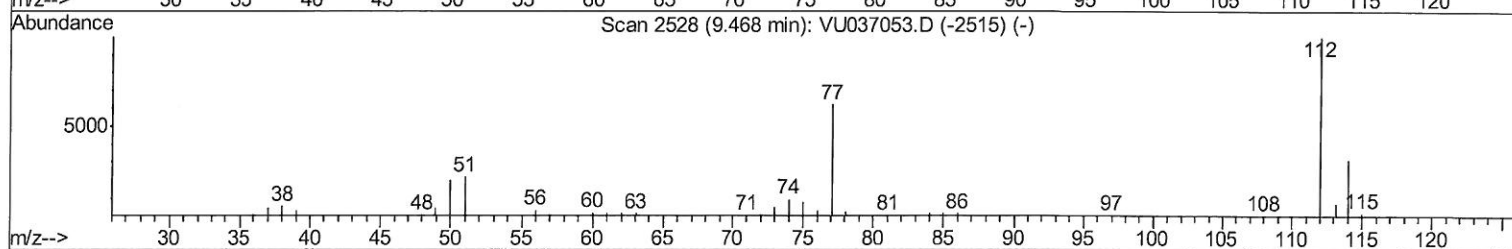
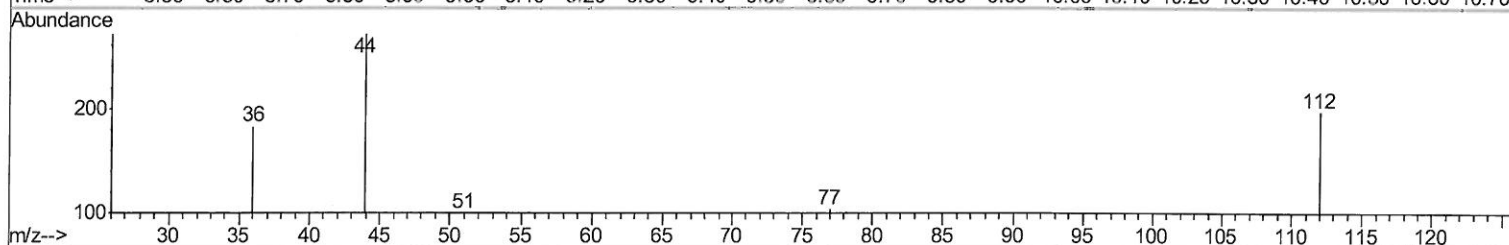
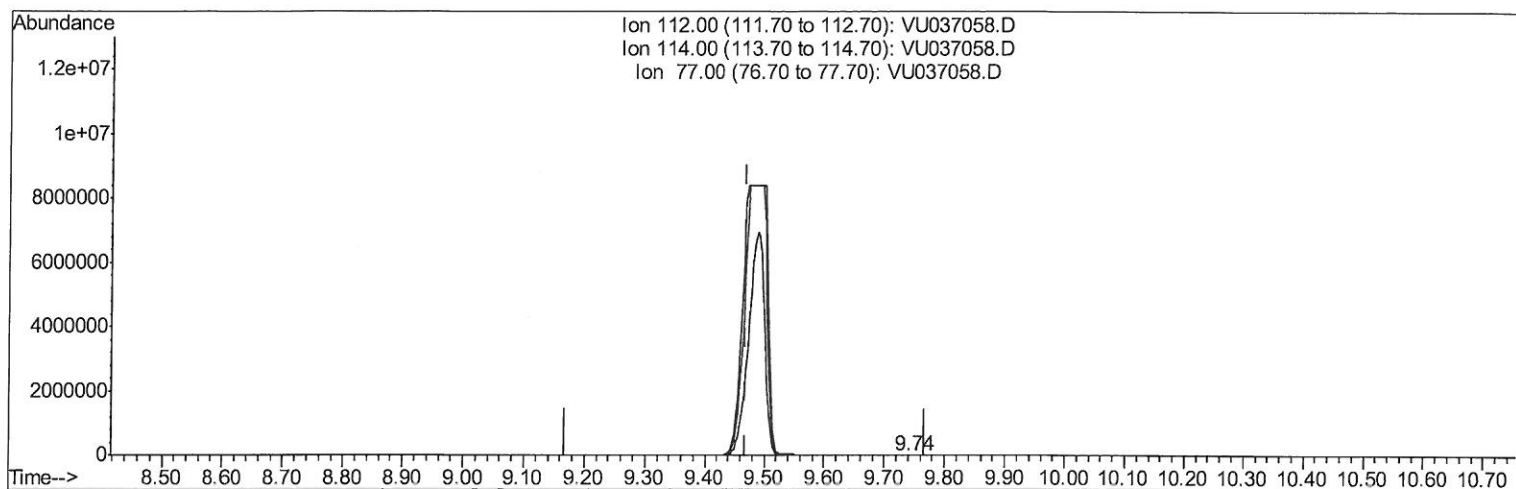
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TIC: VU037058.D

(51) Chlorobenzene (T)

9.742min (+0.273) 0.01ug/L

response 58

Ion	Exp%	Act%
112.00	100	100
114.00	31.90	0.00#
77.00	62.60	52.28
0.00	0.00	0.00

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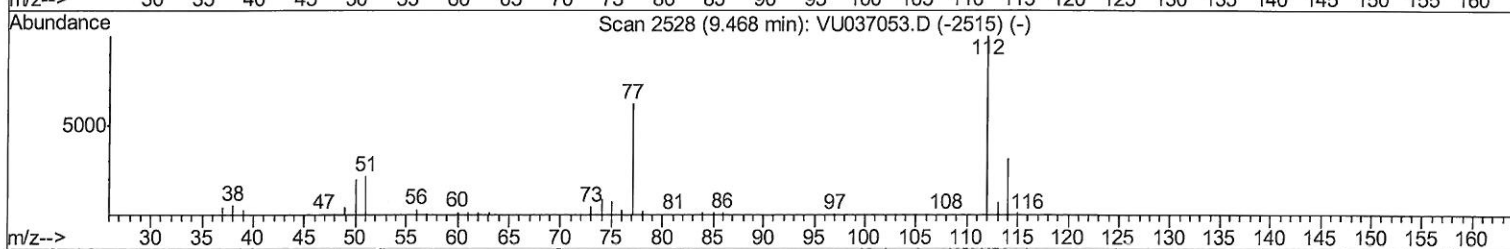
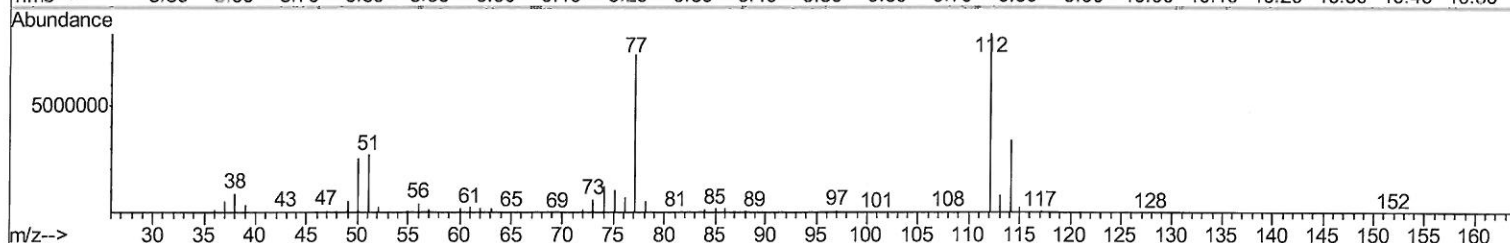
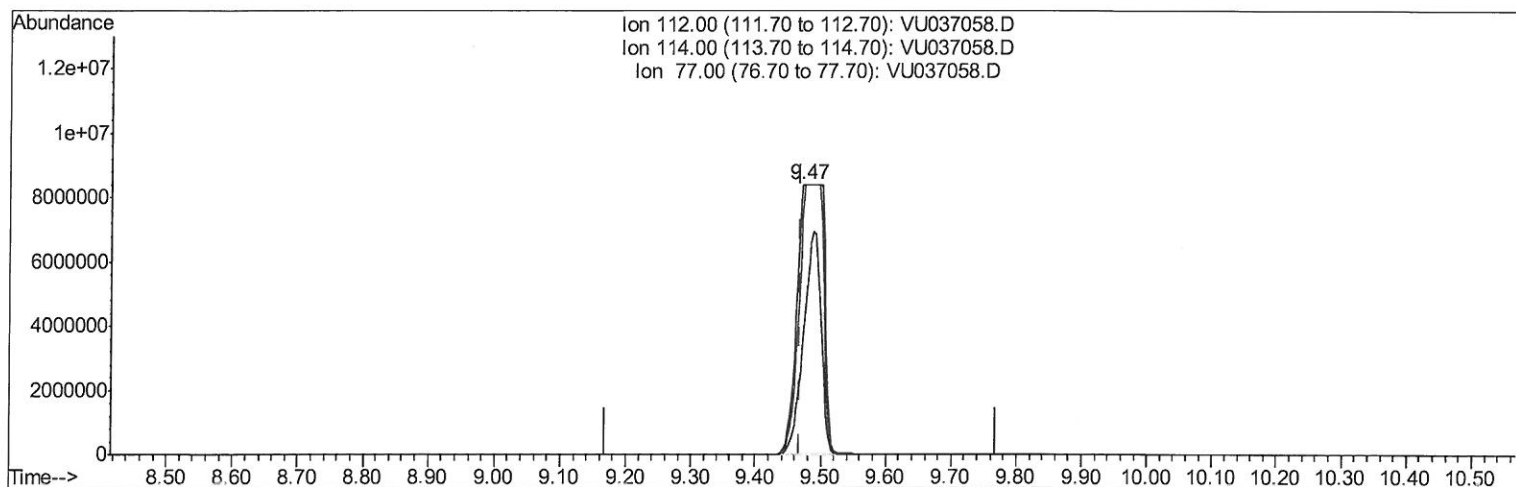
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TIC: VU037058.D

(51) Chlorobenzene (T)

9.472min (+0.003) 4317.66ug/L m

response 23776041

Ion	Exp%	Act%
112.00	100	100
114.00	31.90	40.18
77.00	62.60	88.22#
0.00	0.00	0.00

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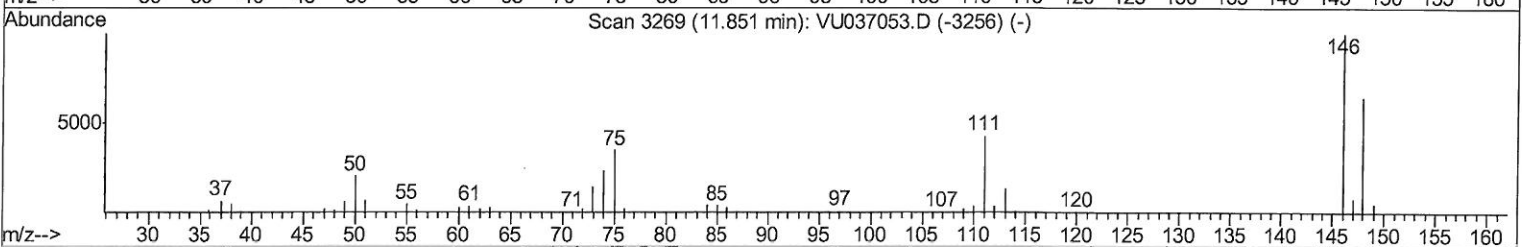
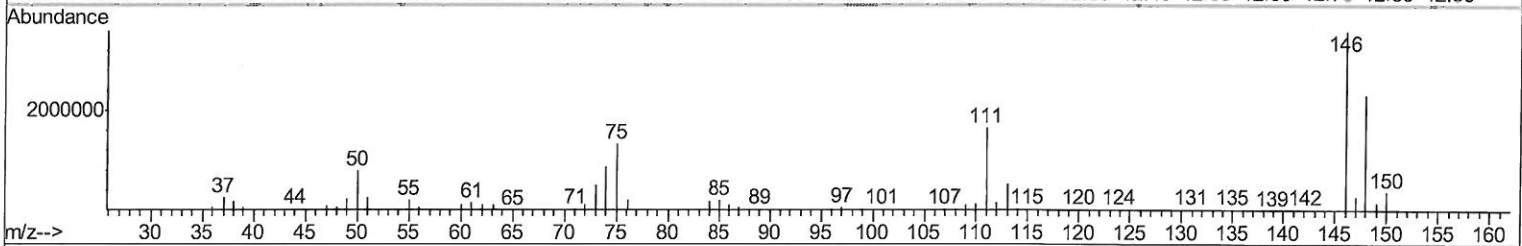
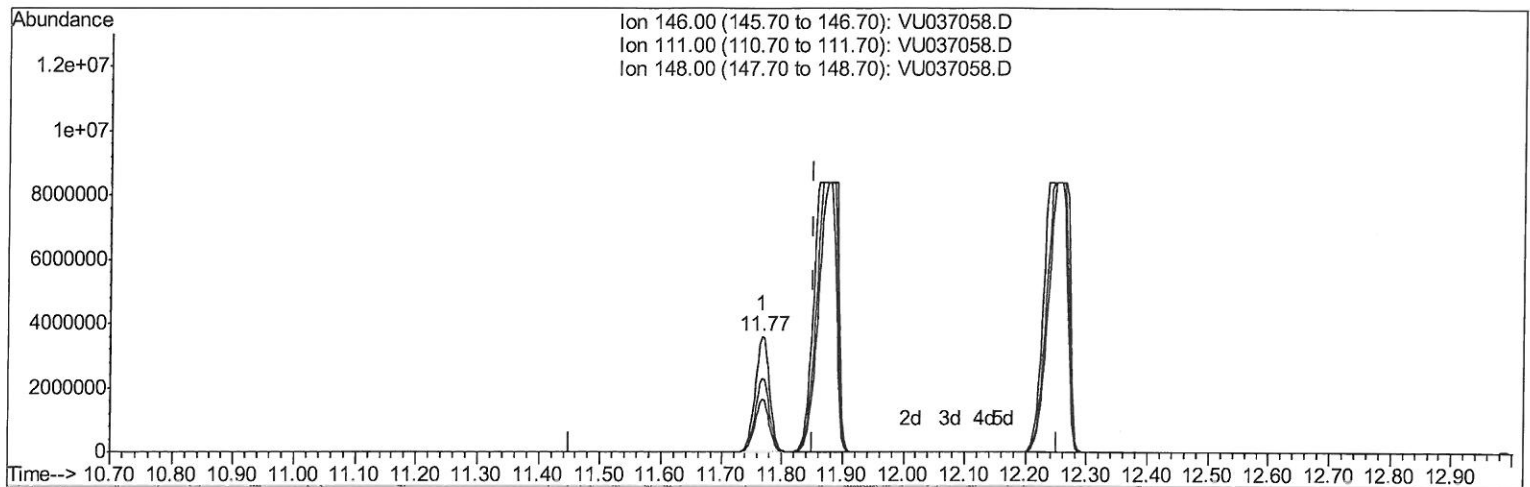
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TIC: VU037058.D

(63) 1,4-Dichlorobenzene (T)
11.767min (-0.084) 1310.29ug/L

response 5893077

Ion	Exp%	Act%
146.00	100	100
111.00	42.60	45.71
148.00	64.50	64.12
0.00	0.00	0.00

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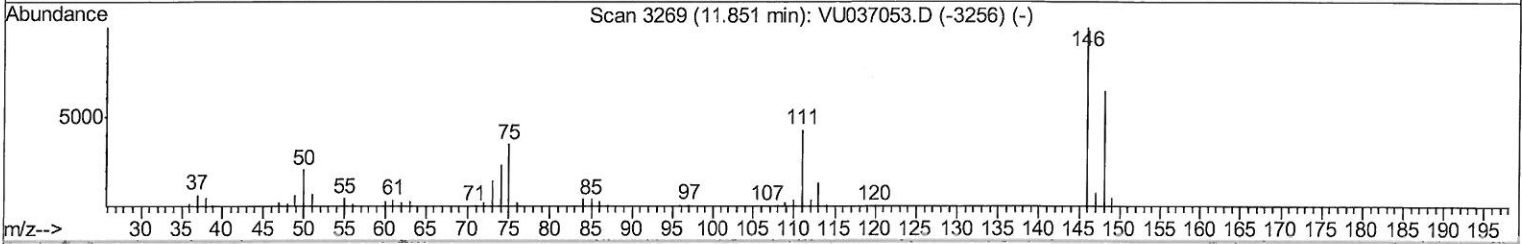
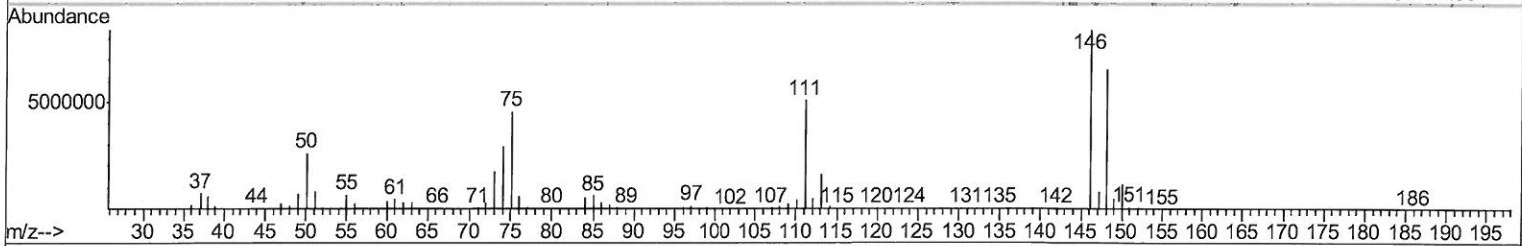
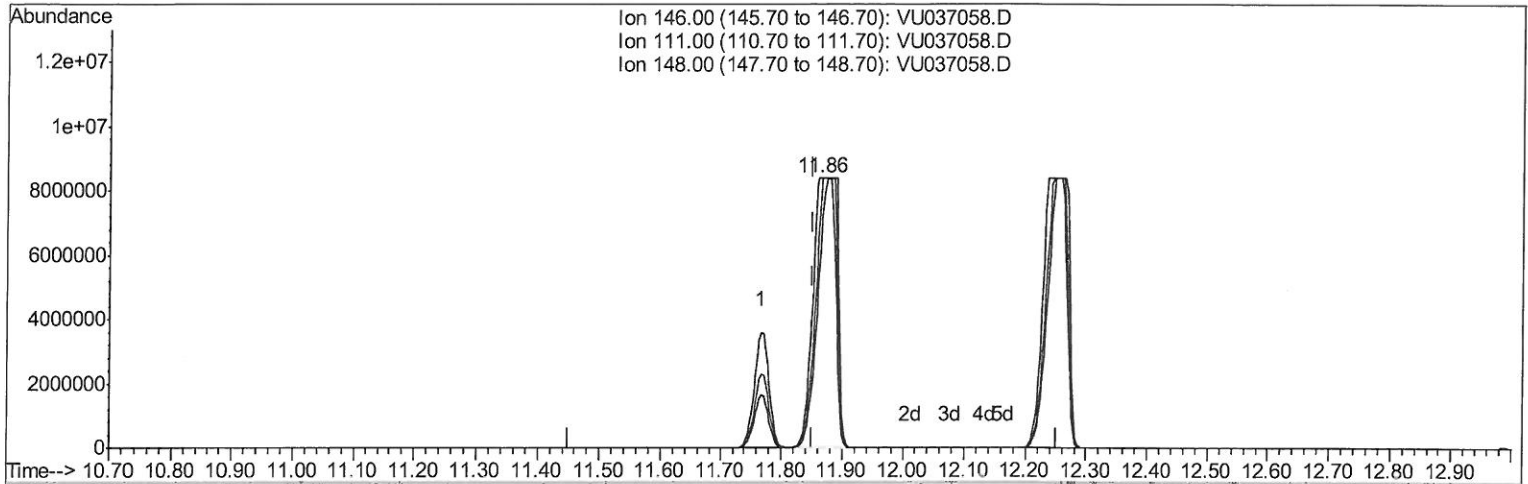
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TIC: VU037058.D

(63) 1,4-Dichlorobenzene (T)

11.861min (+0.010) 5236.97ug/L m

response 23553431

Ion	Exp%	Act%
146.00	100	100
111.00	42.60	60.90#
148.00	64.50	77.82
0.00	0.00	0.00

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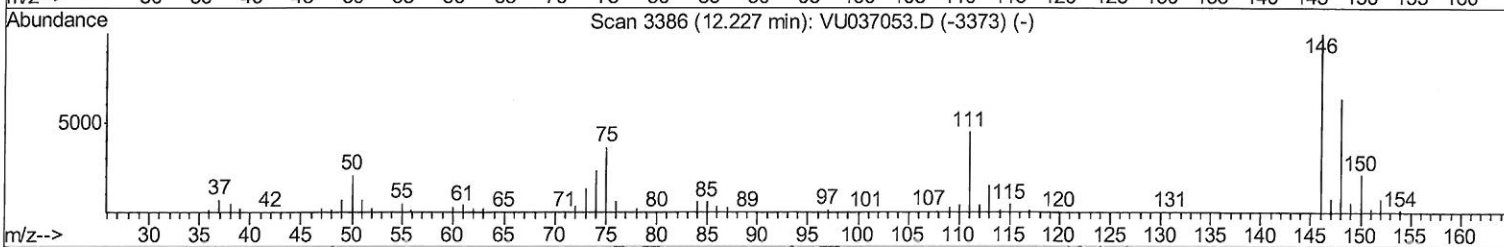
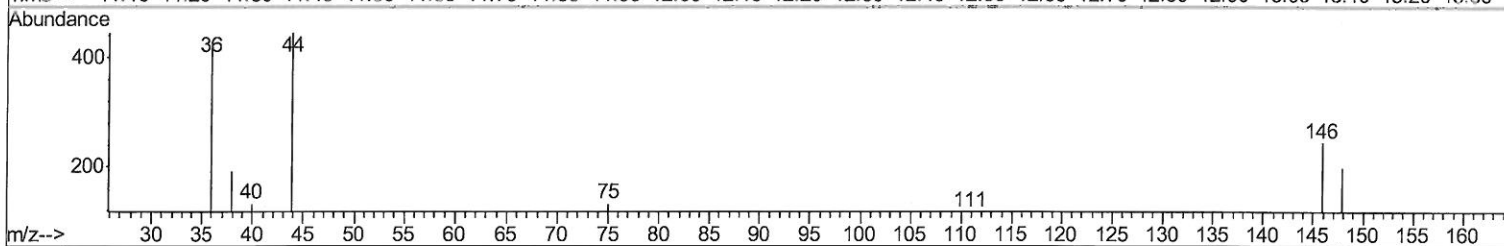
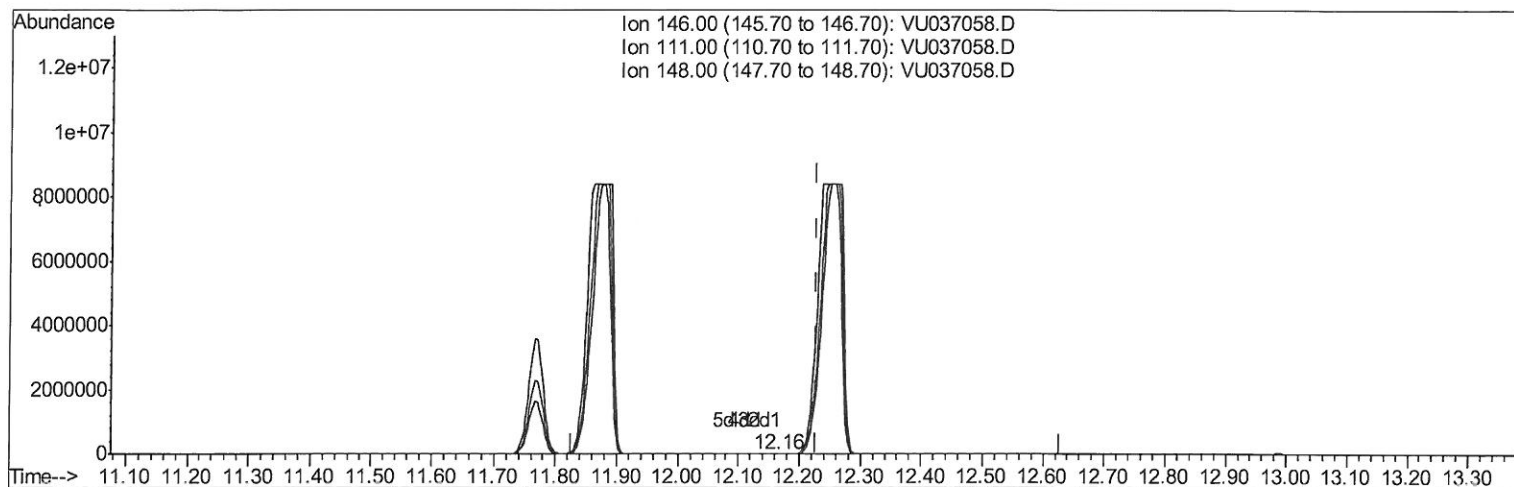
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TIC: VU037058.D

(65) 1,2-Dichlorobenzene (T)

12.163min (-0.064) 0.01ug/L

response 31

Ion	Exp%	Act%
146.00	100	100
111.00	44.20	48.16
148.00	63.10	80.82#
0.00	0.00	0.00

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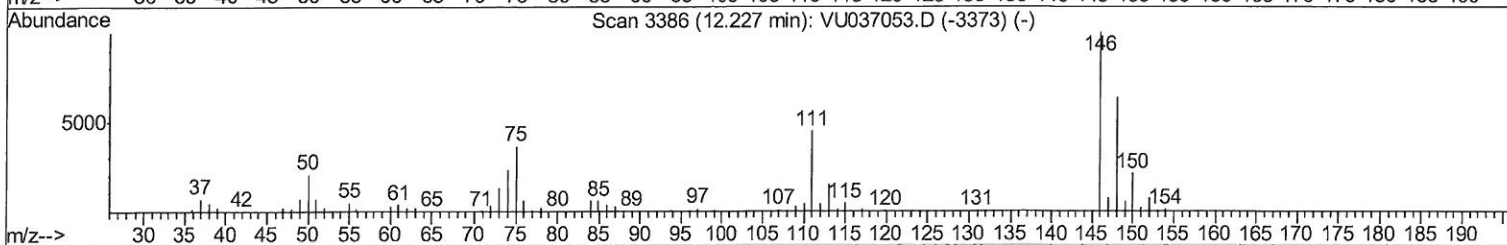
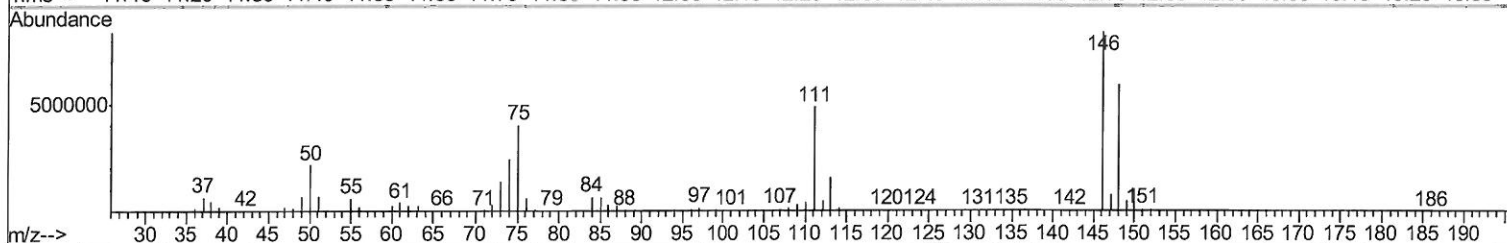
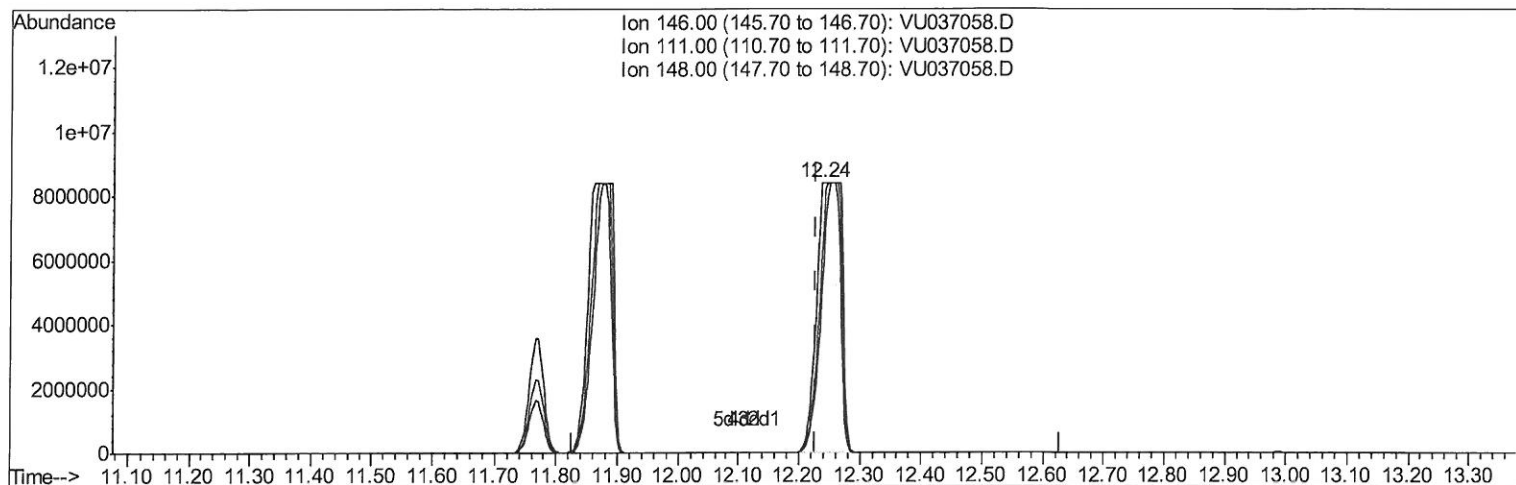
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(65) 1,2-Dichlorobenzene (T)

12.237min (+0.010) 5325.42ug/L m

response 24205420

Ion	Exp%	Act%
146.00	100	100
111.00	44.20	58.16#
148.00	63.10	70.77
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	258934	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	276128	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	140328	50.00	ug/L	0.02

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90930	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.64%
7) Chloroethane-d5	1.92	69	86425	48.04	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.08%
11) 1,1-Dichloroethene-d2	2.59	63	120008	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	4.67	46	146109	100.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.17%
24) Chloroform-d	5.10	84	180509	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.72%
26) 1,2-Dichloroethane-d4	5.74	65	113079	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
32) Benzene-d6	5.77	84	357389	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
36) 1,2-Dichloropropane-d6	6.72	67	115209	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.06%
41) Toluene-d8	7.93	98	319884	43.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.36%
43) trans-1,3-Dichloropropene-	8.20	79	48493	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.68%
47) 2-Hexanone-d5	8.66	63	107130	84.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.69%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	164493	45.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	134116	48.89	ug/L	0.02
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.78%

Target Compounds

					Qvalue
3) Chloromethane	1.53	50	3454	1.367 ug/L	99
13) Acetone	2.65	43	6560	4.372 ug/L	96
25) Chloroform	5.13	83	417041	123.810 ug/L	100
29) Cyclohexane	5.42	56	7085	1.934 ug/L	96
33) Benzene	5.81	78	23003086m	2636.968 ug/L	
34) Trichloroethene	6.57	95	3248	1.515 ug/L	99
35) Methylcyclohexane	6.79	83	4709	1.267 ug/L	# 76
38) Bromodichloromethane	7.13	83	2893	1.043 ug/L	# 89
46) Tetrachloroethene	8.57	164	1585	1.122 ug/L	93
49) Dibromochloromethane	8.83	129	3635	1.834 ug/L	86
51) Chlorobenzene	9.47	112	23776041m	4317.656 ug/L	
61) Bromoform	10.31	173	7515	4.737 ug/L	# 99
62) 1,3-Dichlorobenzene	11.77	146	5893077	1294.547 ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	23553431m	5236.966 ug/L	
65) 1,2-Dichlorobenzene	12.24	146	24205420m	5325.423 ug/L	
68) 1,2,4-trichlorobenzene	13.88	180	7946566	3670.730 ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	2364478	1092.978 ug/L	99

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